

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033507.D
 Acq On : 20 Dec 2022 14:54
 Operator : JC/MD
 Sample : VX1220WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 04:14:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	119971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38193	49.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.240%			
35) Dibromofluoromethane	5.385	113	45125	52.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	8.647	98	95346	52.984	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.960%			
62) 4-Bromofluorobenzene	11.079	95	78354	56.945	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	17301	20.644	ug/l	98
3) Chloromethane	1.295	50	18177	18.759	ug/l	96
4) Vinyl Chloride	1.374	62	21043	19.019	ug/l	99
5) Bromomethane	1.618	94	12261	15.101	ug/l	98
6) Chloroethane	1.691	64	14453	17.222	ug/l	99
7) Trichlorofluoromethane	1.892	101	32815	15.798	ug/l	97
8) Diethyl Ether	2.136	74	11705	15.602	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	25229	22.897	ug/l	99
10) Methyl Iodide	2.453	142	26840	22.241	ug/l	98
11) Tert butyl alcohol	3.002	59	22882	97.242	ug/l	98
12) 1,1-Dichloroethene	2.325	96	23417	21.530	ug/l	94
13) Acrolein	2.240	56	20907	81.922	ug/l	95
14) Allyl chloride	2.666	41	35222	20.279	ug/l	98
15) Acrylonitrile	3.069	53	62736	107.629	ug/l	99
16) Acetone	2.392	43	57138	100.326	ug/l	99
17) Carbon Disulfide	2.514	76	53720	19.244	ug/l	98
18) Methyl Acetate	2.709	43	38017	23.059	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	83206	22.086	ug/l	100
20) Methylene Chloride	2.788	84	26755	21.065	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	25360	21.315	ug/l	98
22) Diisopropyl ether	3.758	45	80198	21.551	ug/l #	86
23) Vinyl Acetate	3.721	43	311406	107.813	ug/l	97
24) 1,1-Dichloroethane	3.611	63	46460	21.248	ug/l	97
25) 2-Butanone	4.562	43	87148	106.602	ug/l	100
26) 2,2-Dichloropropane	4.477	77	37037	23.034	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	30498	21.449	ug/l	98
28) Bromochloromethane	4.898	49	19799	21.631	ug/l	91
29) Tetrahydrofuran	5.013	42	54977	103.796	ug/l	95
30) Chloroform	5.099	83	53186	21.911	ug/l	98
31) Cyclohexane	5.471	56	38268	20.921	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	47879	22.925	ug/l	97
36) 1,1-Dichloropropene	5.696	75	36522	21.776	ug/l	99
37) Ethyl Acetate	4.715	43	32910	20.759	ug/l	98
38) Carbon Tetrachloride	5.678	117	41486	22.078	ug/l	97
39) Methylcyclohexane	7.385	83	41404	22.056	ug/l	98
40) Benzene	6.038	78	107109	21.904	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19611	22.448	ug/l	97
42) 1,2-Dichloroethane	6.086	62	42586	21.931	ug/l	98
43) Isopropyl Acetate	6.336	43	55745	21.853	ug/l	98
44) Trichloroethene	7.129	130	30549	22.659	ug/l	100
45) 1,2-Dichloropropane	7.434	63	27383	21.896	ug/l	100
46) Dibromomethane	7.580	93	21119	22.168	ug/l	97
47) Bromodichloromethane	7.824	83	41114	22.139	ug/l	97
48) Methyl methacrylate	7.696	41	27935	21.219	ug/l	94
49) 1,4-Dioxane	7.708	88	12871	428.738	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	181092	112.261	ug/l	96
52) Toluene	8.720	92	71949	22.757	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	39558	21.341	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43055	21.788	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	30230	22.746	ug/l	99
56) Ethyl methacrylate	9.116	69	42374	22.645	ug/l	92
57) 1,3-Dichloropropane	9.311	76	47899	22.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	88444	103.299	ug/l	96
59) 2-Hexanone	9.427	43	135211	113.740	ug/l	96
60) Dibromochloromethane	9.525	129	33011	22.544	ug/l	100
61) 1,2-Dibromoethane	9.610	107	32288	22.840	ug/l	98
64) Tetrachloroethene	9.275	164	26923	22.624	ug/l	95
65) Chlorobenzene	10.080	112	80301	22.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30424	22.845	ug/l	99
67) Ethyl Benzene	10.195	91	141598	23.063	ug/l	98
68) m/p-Xylenes	10.299	106	110399	46.217	ug/l	99
69) o-Xylene	10.640	106	54450	23.061	ug/l	98
70) Styrene	10.653	104	90732	23.463	ug/l	98
71) Bromoform	10.799	173	23723	22.504	ug/l #	99
73) Isopropylbenzene	10.964	105	145458	22.758	ug/l	99
74) N-amyl acetate	10.842	43	47802	21.921	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	45720	22.548	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40978m	22.841	ug/l	
77) Bromobenzene	11.195	156	35917	22.254	ug/l	97
78) n-propylbenzene	11.305	91	161691	22.657	ug/l	99
79) 2-Chlorotoluene	11.366	91	100143	22.706	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	121109	22.764	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11804	20.467	ug/l	97
82) 4-Chlorotoluene	11.457	91	115255	22.473	ug/l	99
83) tert-Butylbenzene	11.713	119	119446	22.514	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	121389	22.857	ug/l	100
85) sec-Butylbenzene	11.890	105	143910	23.249	ug/l	99
86) p-Isopropyltoluene	12.012	119	120785	22.633	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66693	22.812	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	67513	22.608	ug/l	98
89) n-Butylbenzene	12.335	91	98649	22.569	ug/l	100
90) Hexachloroethane	12.536	117	19489	21.484	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	65876	22.537	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8968	20.476	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	39045	22.118	ug/l	97
94) Hexachlorobutadiene	13.725	225	16231	22.961	ug/l	99
95) Naphthalene	13.774	128	131648	22.357	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38691	21.641	ug/l	97

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ClientSampleId :
VX1220WBS02

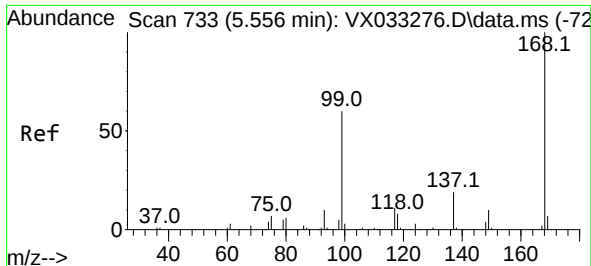
Manual Integrations
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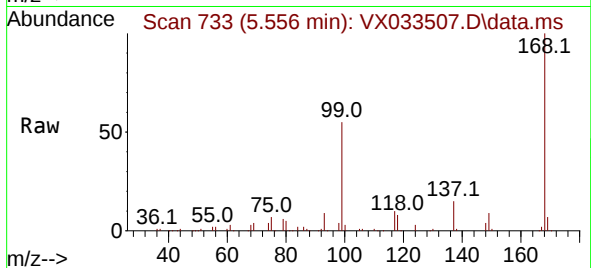
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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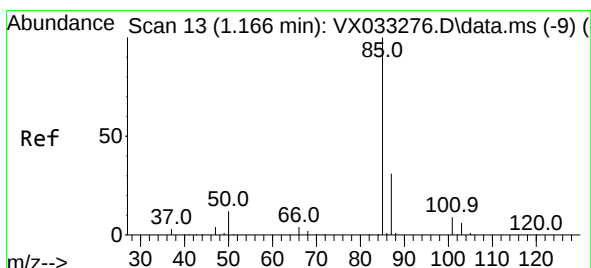
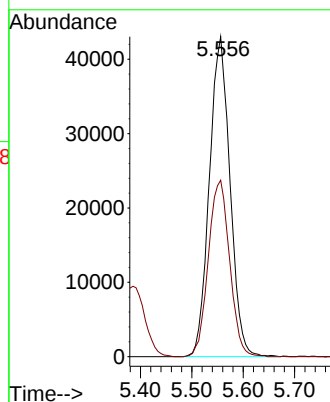
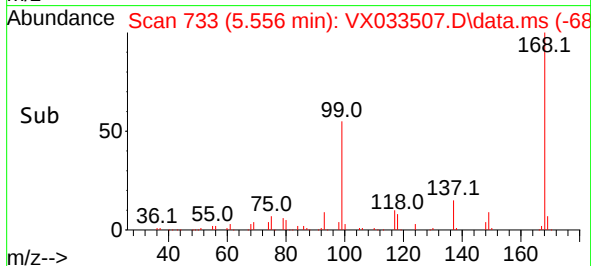
Instrument :
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ClientSampleId :
VX1220WBS02



Tgt Ion:168 Resp: 11997
Ion Ratio Lower Upper
168 100
99 55.1 46.1 69.1

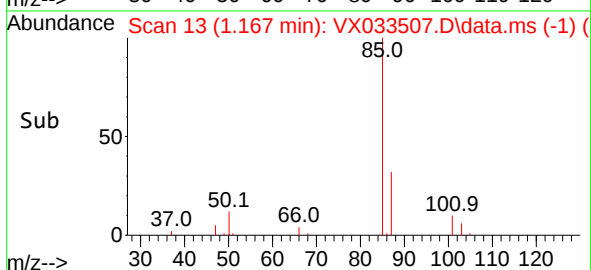
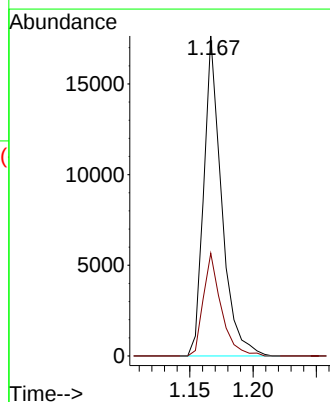
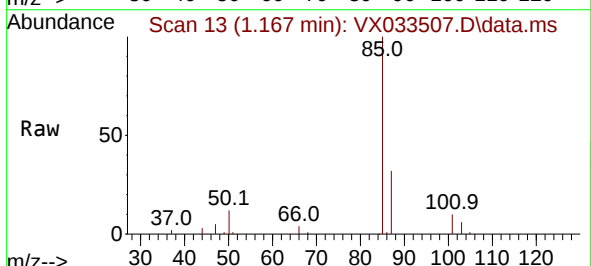
Manual Integrations
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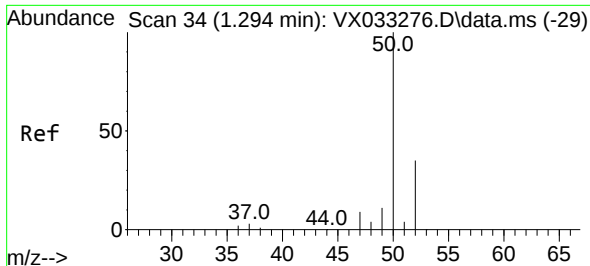
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#2
Dichlorodifluoromethane
Concen: 20.644 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

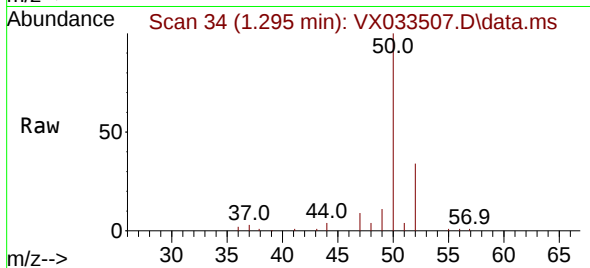
Tgt Ion: 85 Resp: 17301
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.7





#3
Chloromethane
Concen: 18.759 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

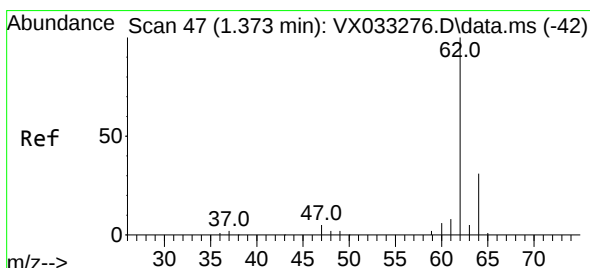
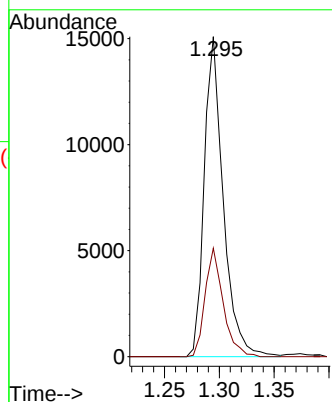
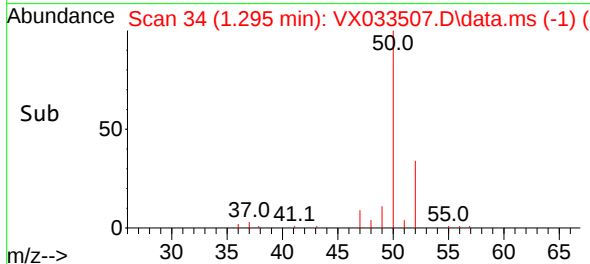
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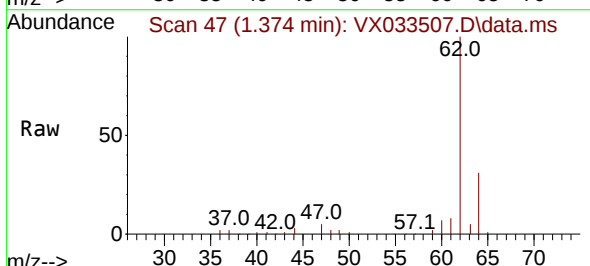
Tgt Ion: 50 Resp: 1817
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

Manual Integrations
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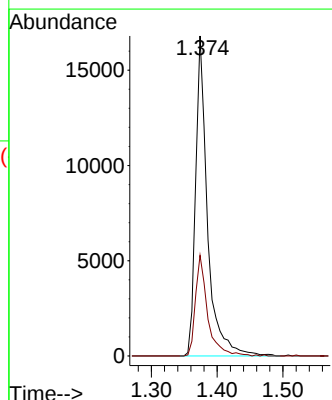
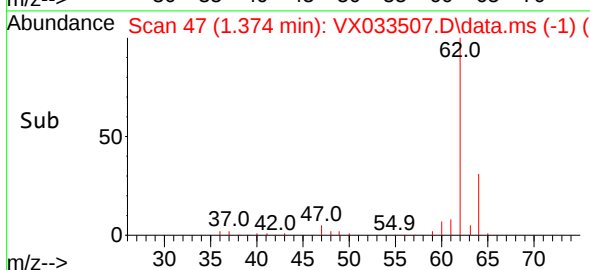
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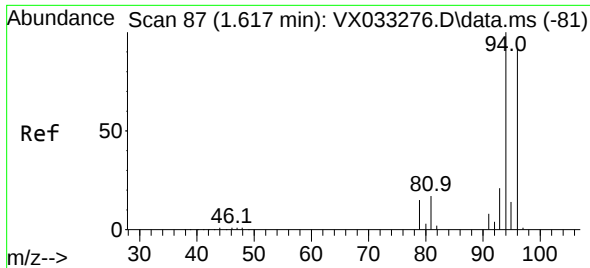


#4
Vinyl Chloride
Concen: 19.019 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



Tgt Ion: 62 Resp: 21043
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





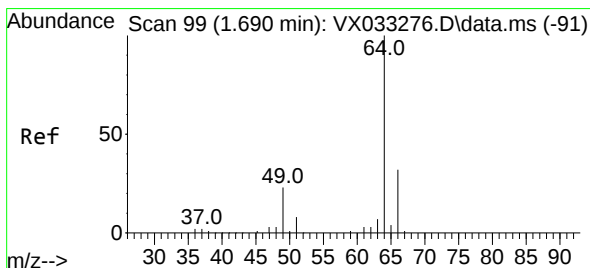
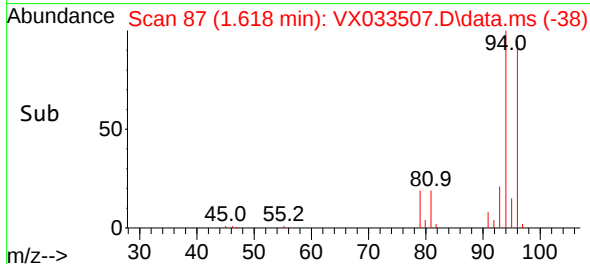
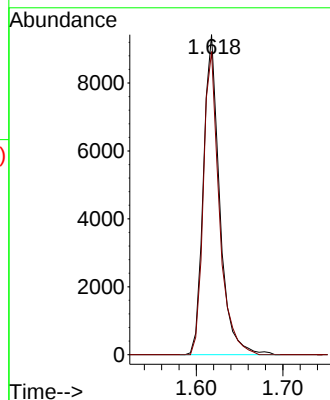
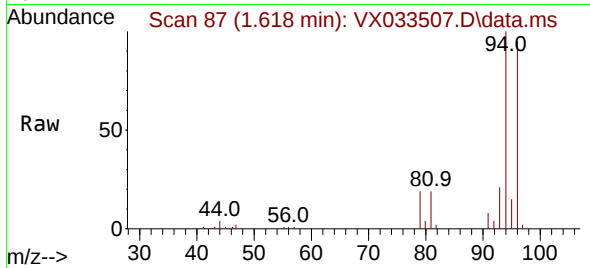
#5
Bromomethane
Concen: 15.101 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 1226
Ion Ratio Lower Upper
94 100
96 94.7 77.6 116.4

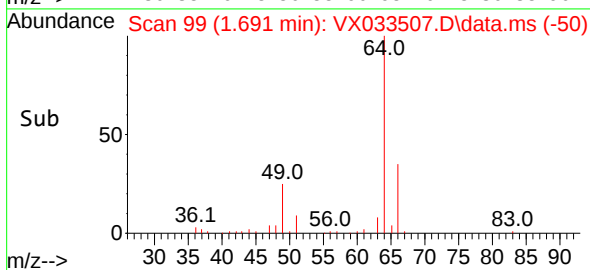
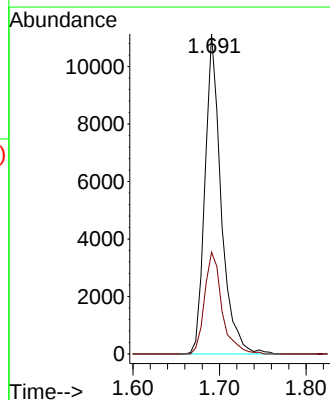
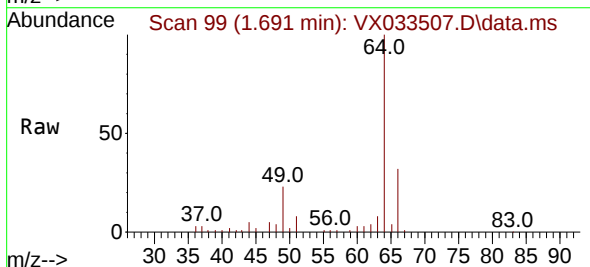
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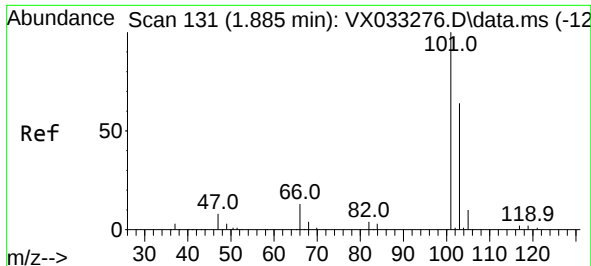
Reviewed By :John Carlone 12/21/2022
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#6
Chloroethane
Concen: 17.222 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033507.D
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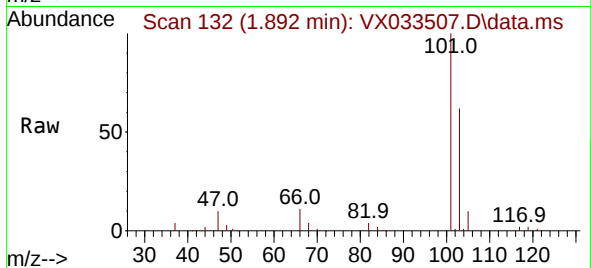
Tgt Ion: 64 Resp: 14453
Ion Ratio Lower Upper
64 100
66 31.8 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 15.798 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX033507.D
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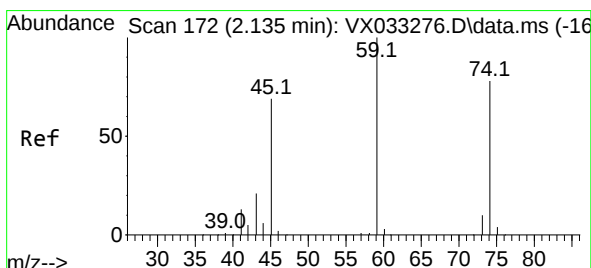
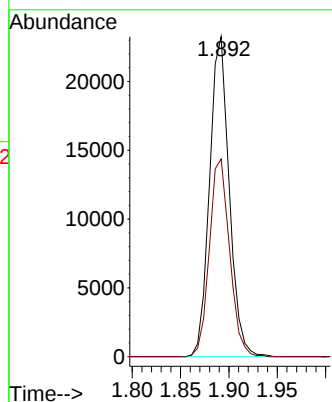
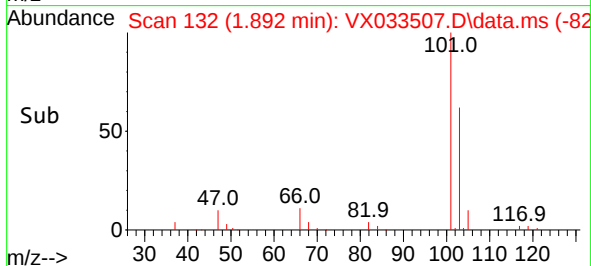
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Tgt Ion:101 Resp: 32815
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.4 77.2

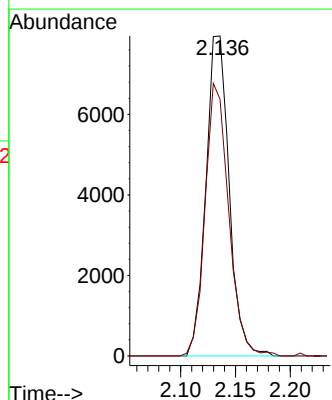
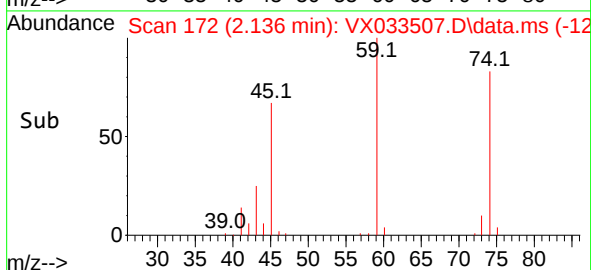
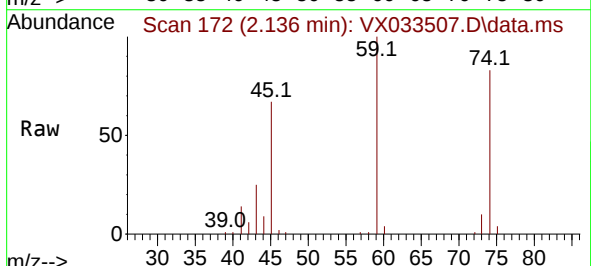
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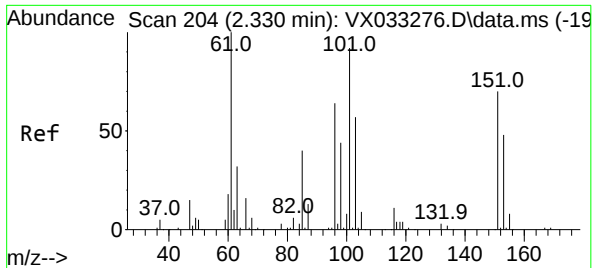
Reviewed By :John Carlone 12/21/2022
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#8
 Diethyl Ether
 Concen: 15.602 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 11705
 Ion Ratio Lower Upper
 74 100
 45 86.7 46.6 139.7





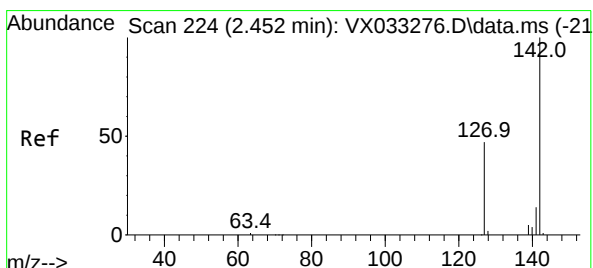
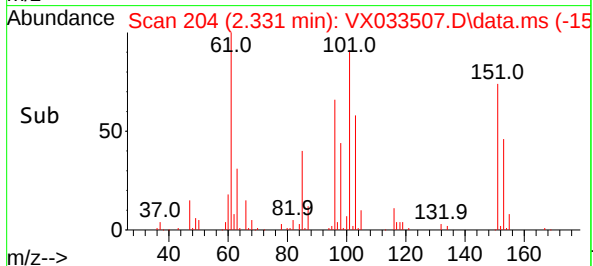
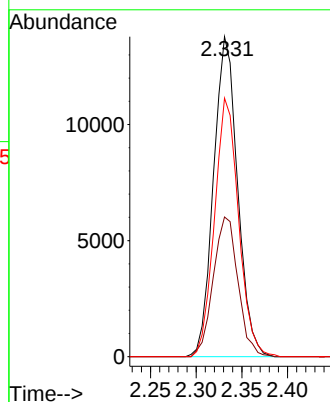
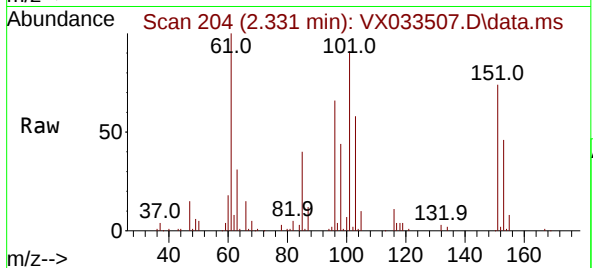
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.897 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion:101 Resp: 25229
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.4
151 81.0 64.4 96.6

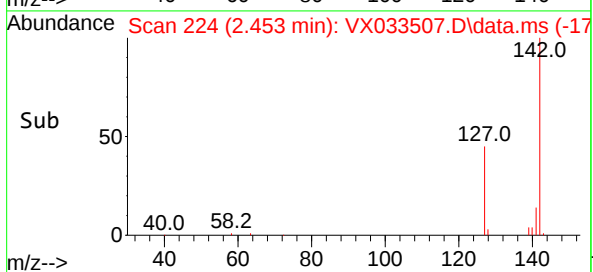
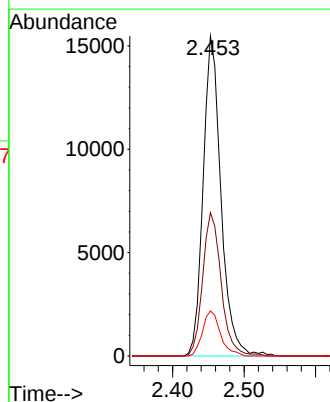
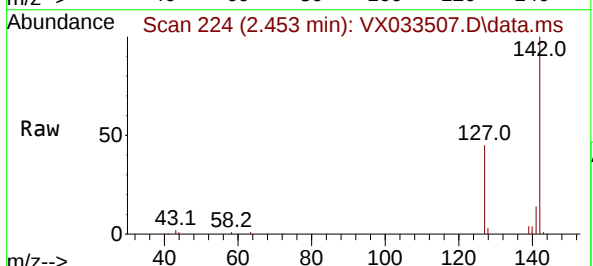
Manual Integrations
APPROVED

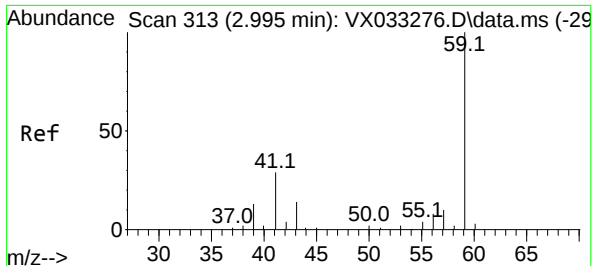
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 22.241 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion:142 Resp: 26840
Ion Ratio Lower Upper
142 100
127 46.3 38.6 57.8
141 14.1 11.4 17.2





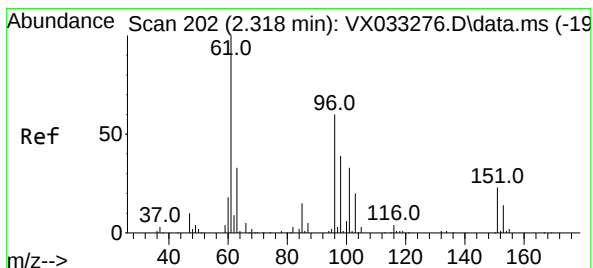
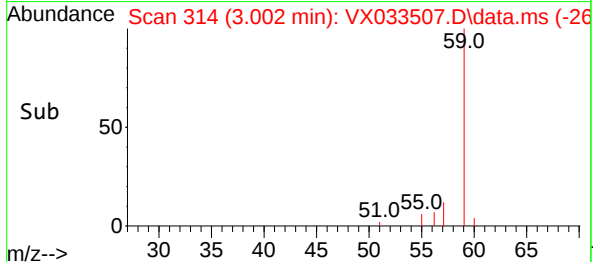
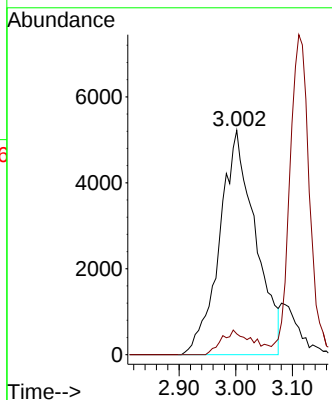
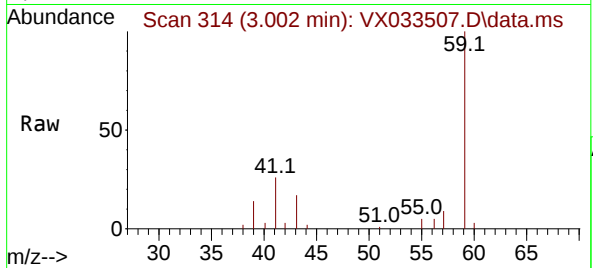
#11
Tert butyl alcohol
Concen: 97.242 ug/l
RT: 3.002 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 59 Resp: 2288
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

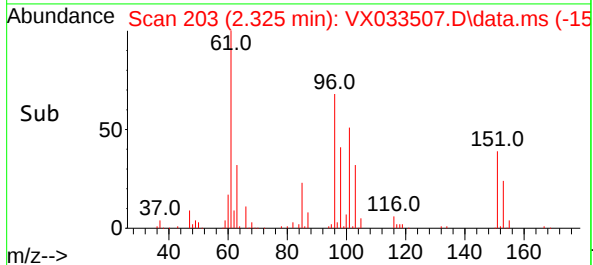
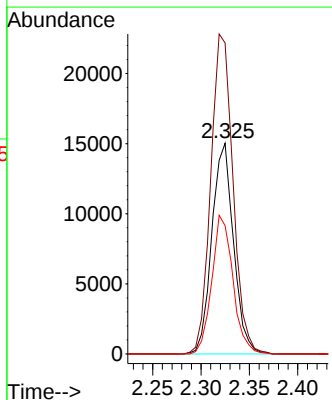
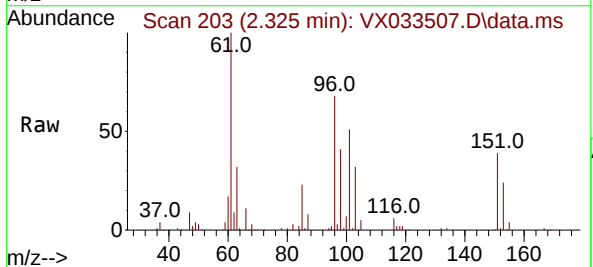
Manual Integrations
APPROVED

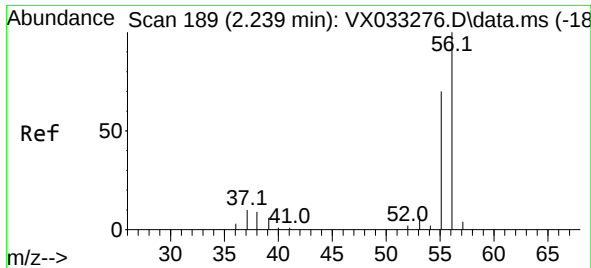
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#12
1,1-Dichloroethene
Concen: 21.530 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion: 96 Resp: 23417
Ion Ratio Lower Upper
96 100
61 147.6 125.1 187.7
98 60.9 50.6 76.0





#13

Acrolein

Concen: 81.922 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 56 Resp: 2090

Ion Ratio Lower Upper

56 100

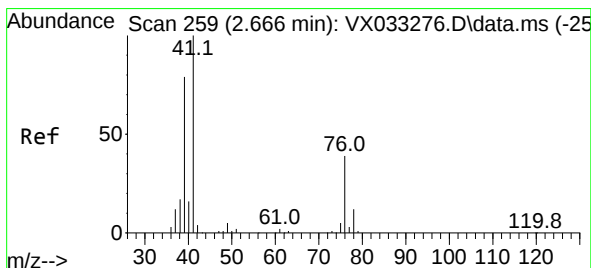
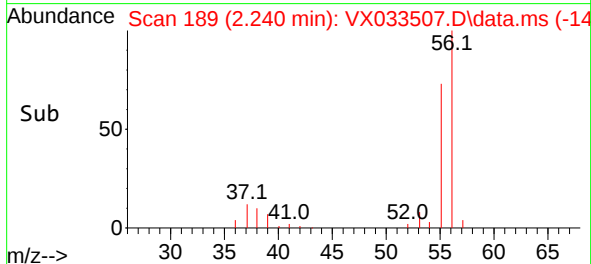
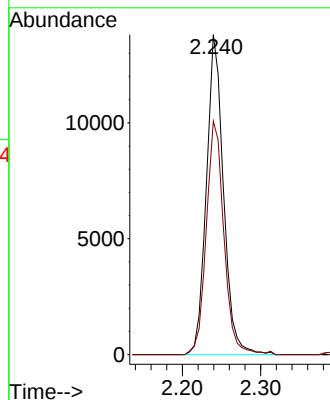
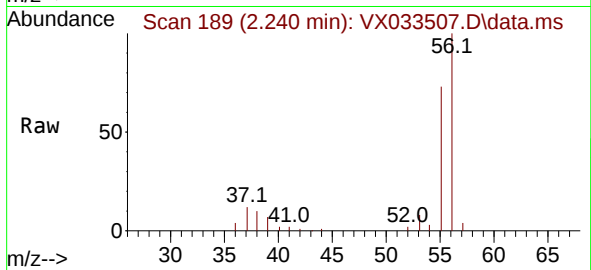
55 75.4 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#14

Allyl chloride

Concen: 20.279 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

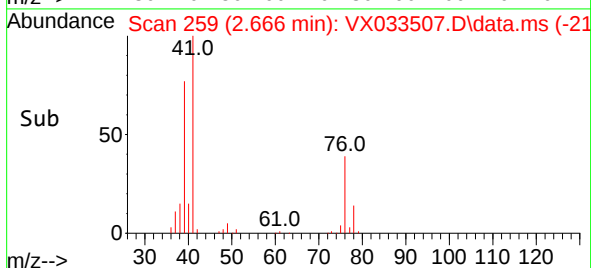
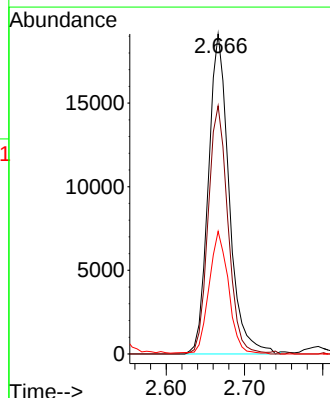
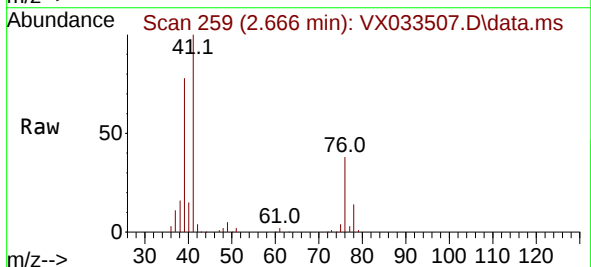
Tgt Ion: 41 Resp: 35222

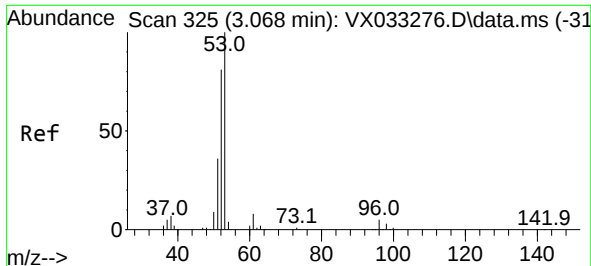
Ion Ratio Lower Upper

41 100

39 74.0 61.4 92.2

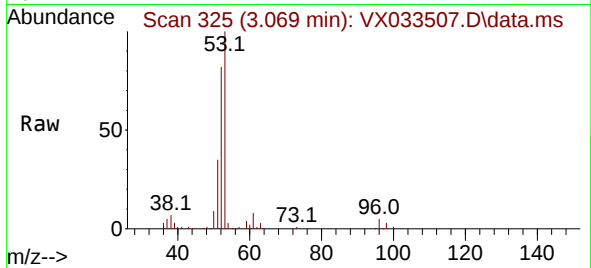
76 36.1 29.2 43.8





#15
Acrylonitrile
Concen: 107.629 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

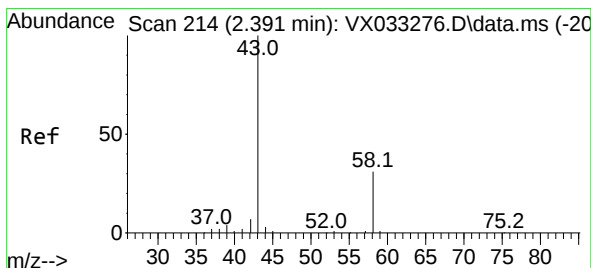
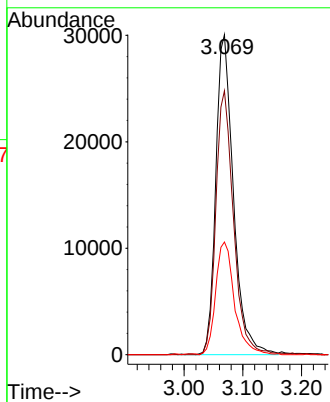
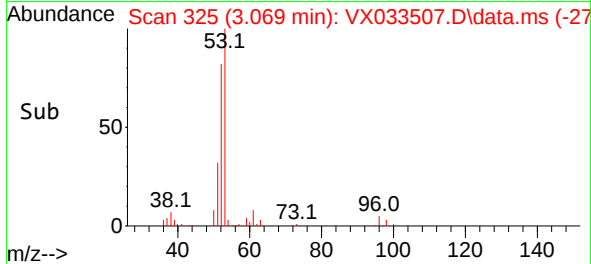
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



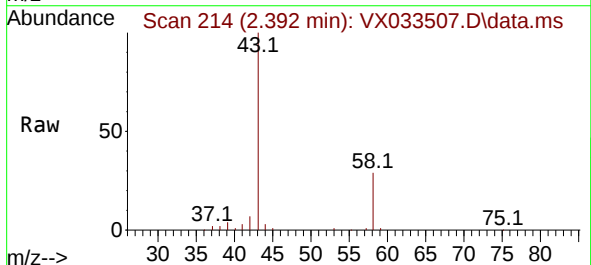
Tgt Ion: 53 Resp: 62730
Ion Ratio Lower Upper
53 100
52 82.5 67.4 101.0
51 37.6 30.3 45.5

Manual Integrations
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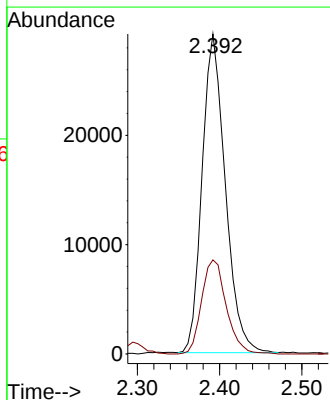
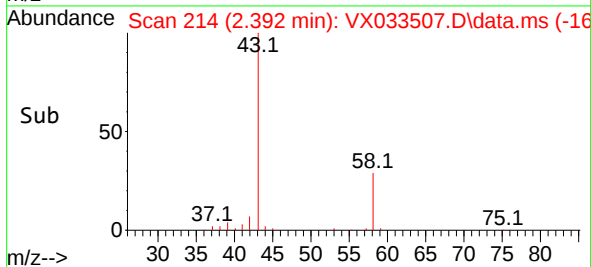
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

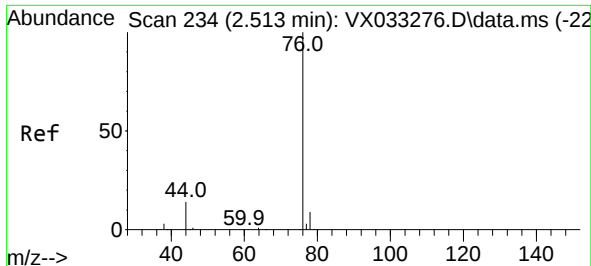


#16
Acetone
Concen: 100.326 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



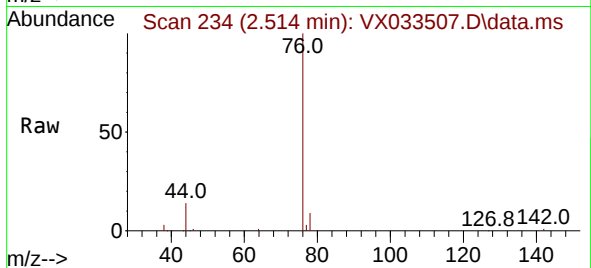
Tgt Ion: 43 Resp: 57138
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8





#17
Carbon Disulfide
Concen: 19.244 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

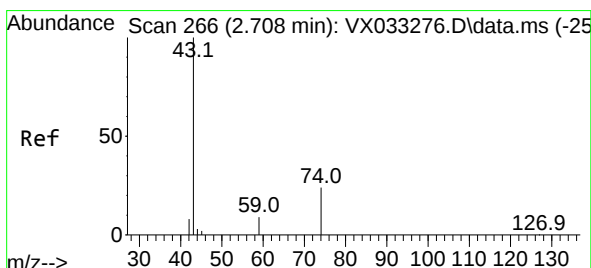
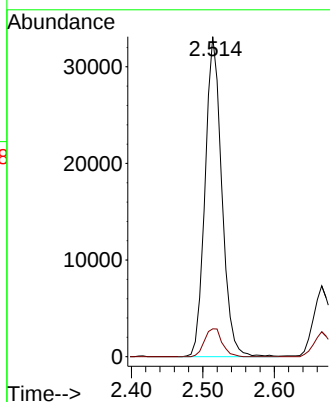
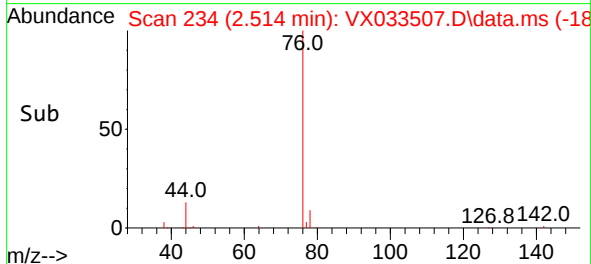
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



Tgt Ion: 76 Resp: 53720
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

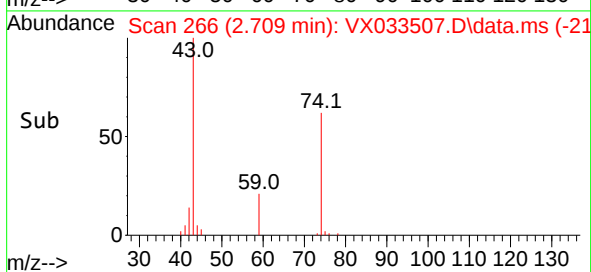
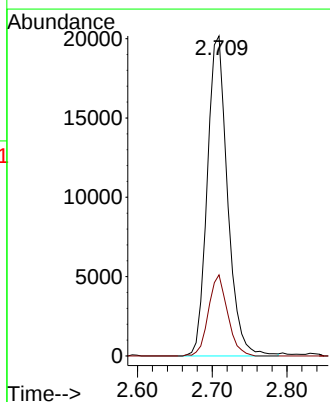
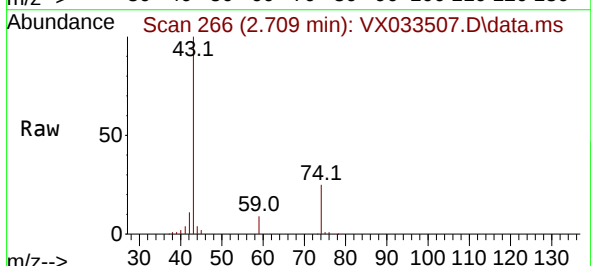
Manual Integrations
APPROVED

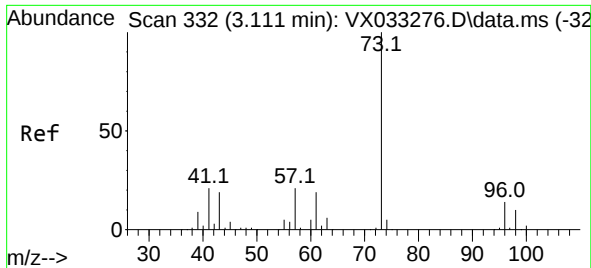
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 23.059 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion: 43 Resp: 38017
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.0





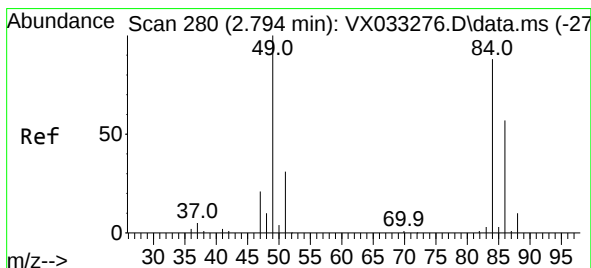
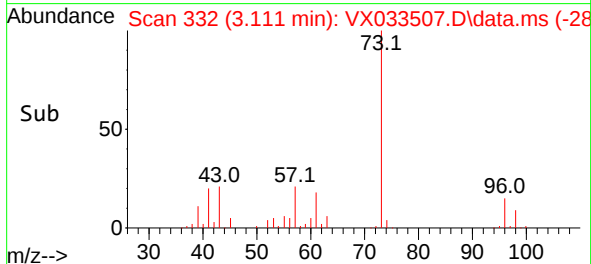
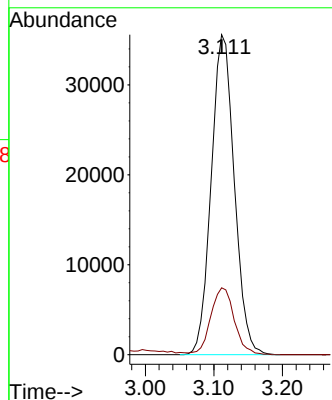
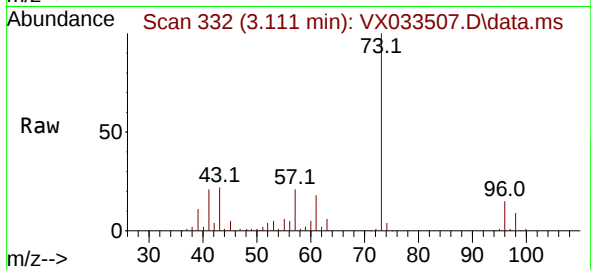
#19
Methyl tert-butyl Ether
Concen: 22.086 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 73 Resp: 83200
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0

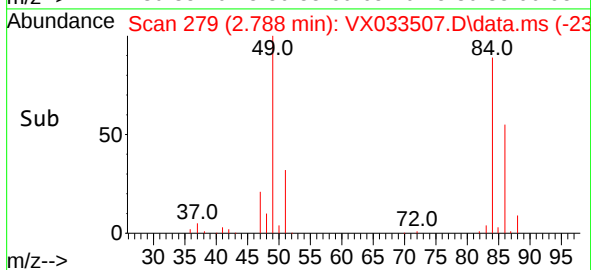
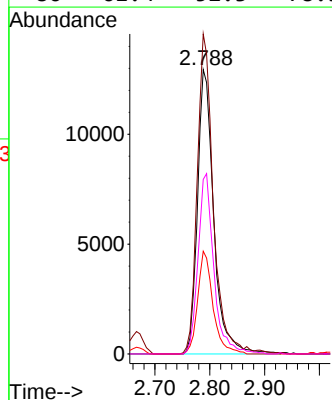
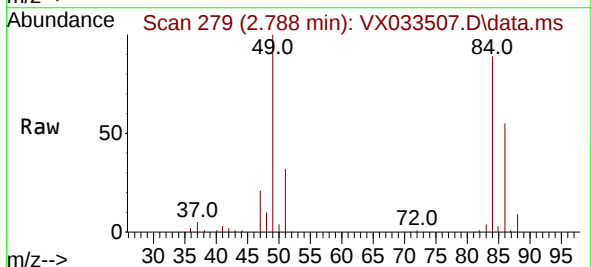
Manual Integrations
APPROVED

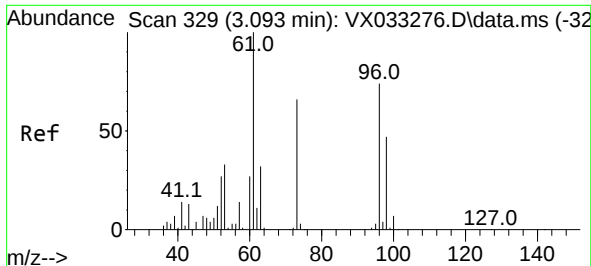
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 21.065 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

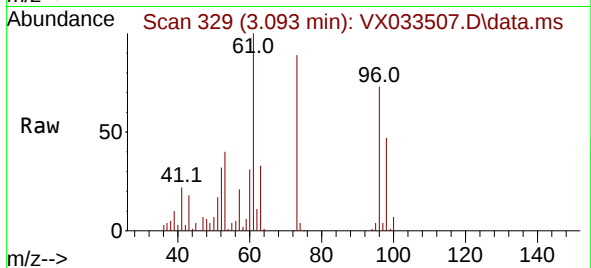
Tgt Ion: 84 Resp: 26755
Ion Ratio Lower Upper
84 100
49 112.6 101.0 151.6
51 36.1 31.1 46.7
86 61.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 21.315 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

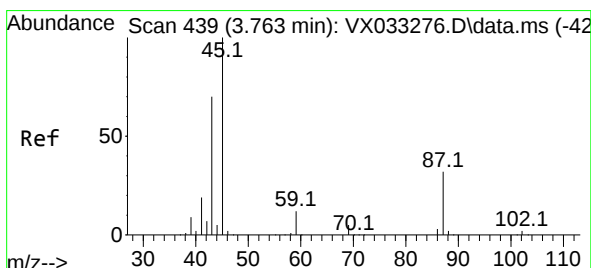
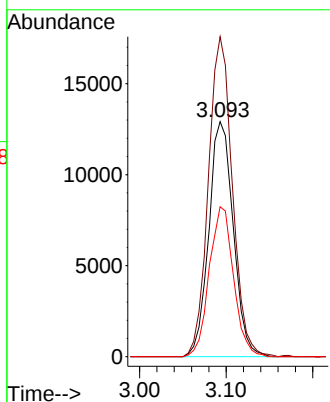
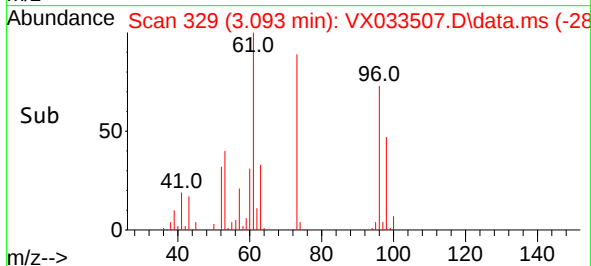
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



Tgt Ion: 96 Resp: 25360
Ion Ratio Lower Upper
96 100
61 136.2 106.6 160.0
98 63.8 51.0 76.6

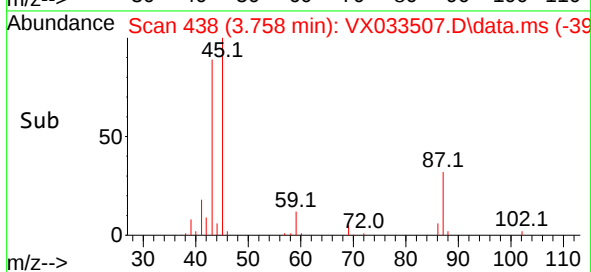
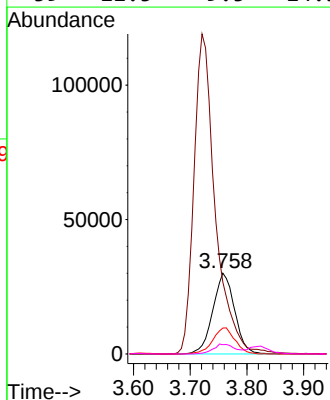
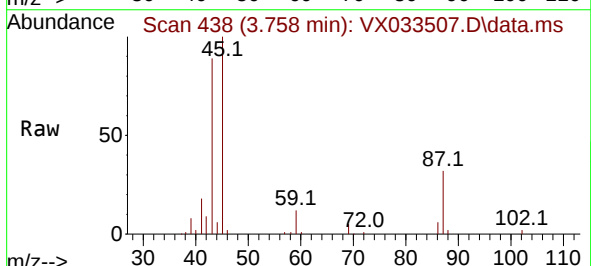
Manual Integrations
APPROVED

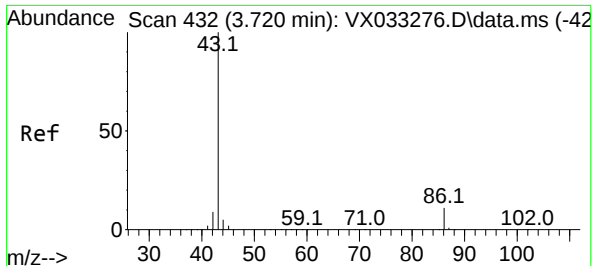
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#22
Diisopropyl ether
Concen: 21.551 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion: 45 Resp: 80198
Ion Ratio Lower Upper
45 100
43 87.3 56.4 84.6#
87 32.1 24.4 36.6
59 11.5 9.5 14.3





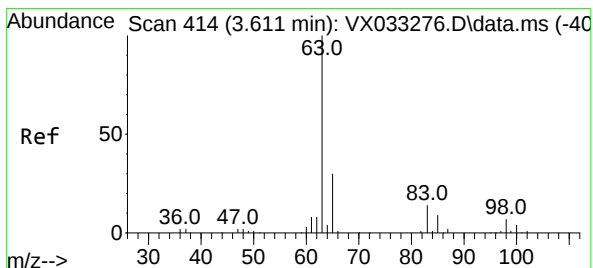
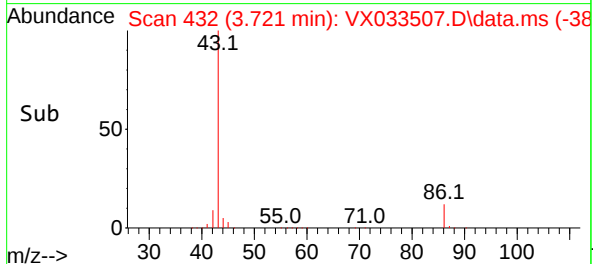
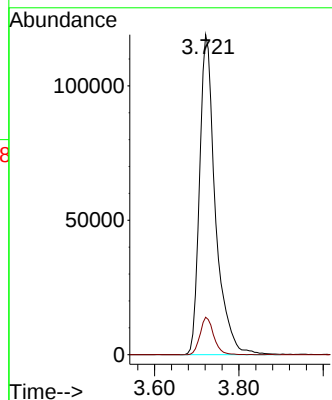
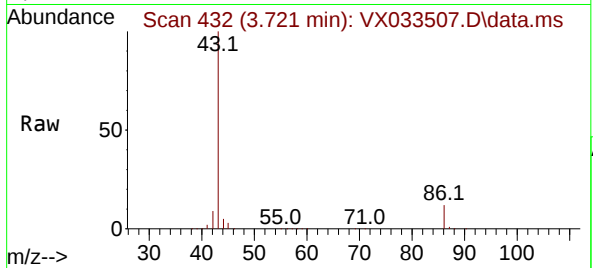
#23
 Vinyl Acetate
 Concen: 107.813 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033507.D
 Acq: 20 Dec 2022 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02

Tgt Ion: 43 Resp: 311400
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8

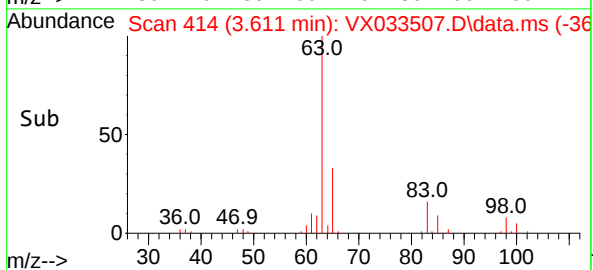
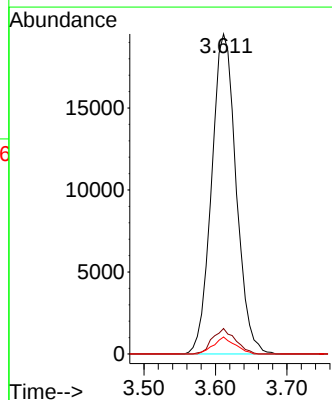
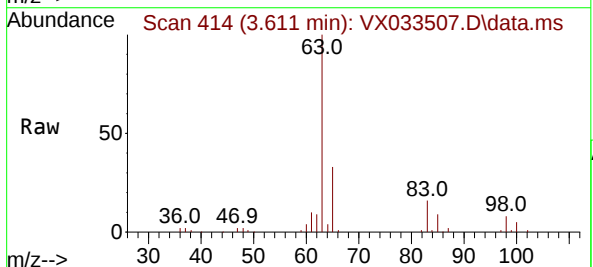
Manual Integrations
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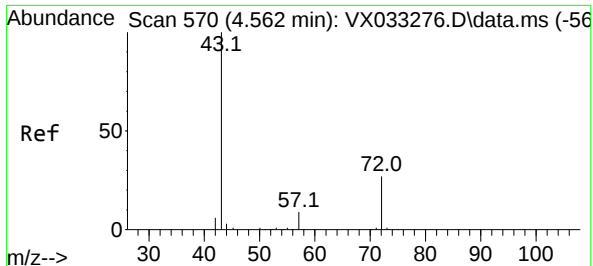
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 21.248 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033507.D
 Acq: 20 Dec 2022 14:54

Tgt Ion: 63 Resp: 46460
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.3 2.3 6.8





#25

2-Butanone

Concen: 106.602 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 43 Resp: 8714

Ion Ratio Lower Upper

43 100

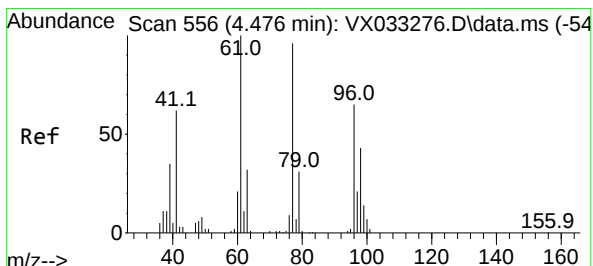
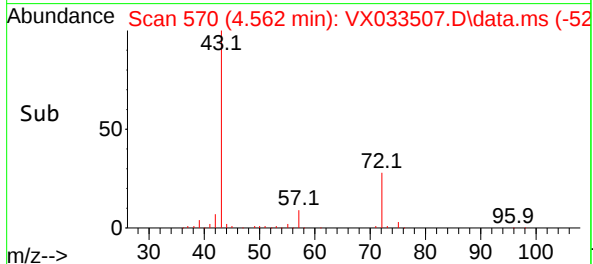
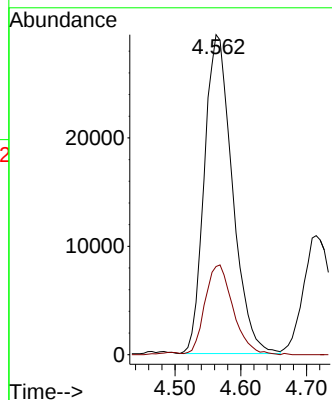
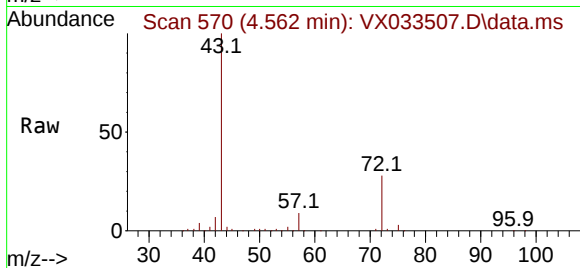
72 27.7 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#26

2,2-Dichloropropane

Concen: 23.034 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033507.D

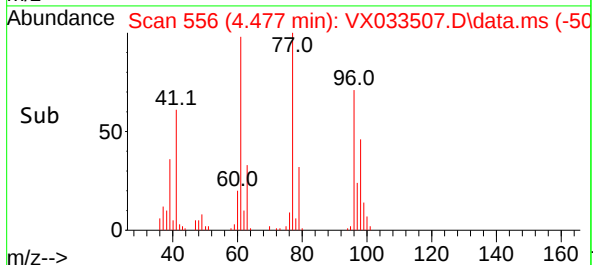
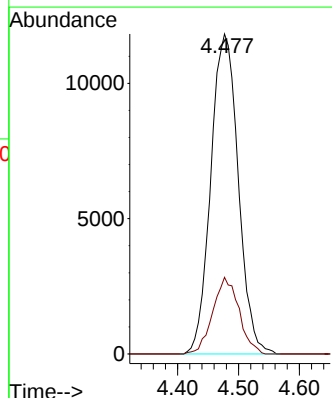
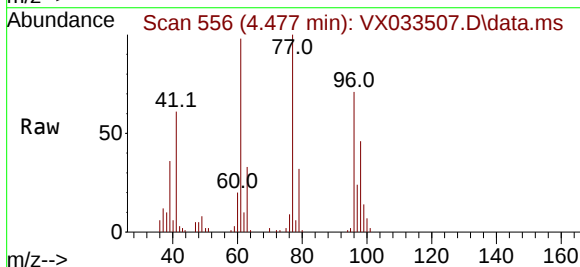
Acq: 20 Dec 2022 14:54

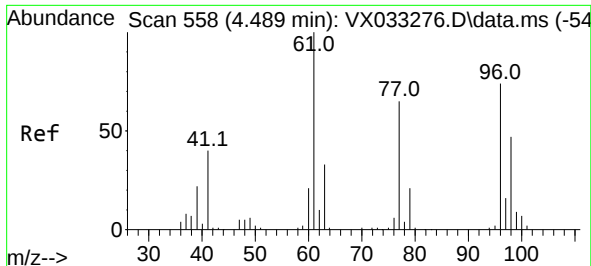
Tgt Ion: 77 Resp: 37037

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.449 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 96 Resp: 30498

Ion Ratio Lower Upper

96 100

61 139.9 0.0 286.0

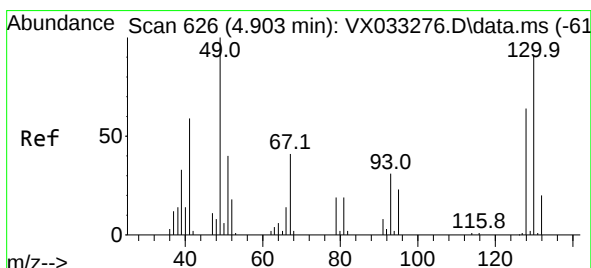
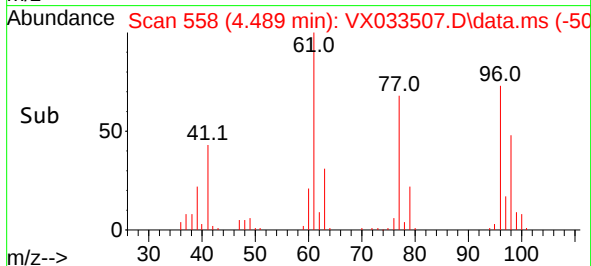
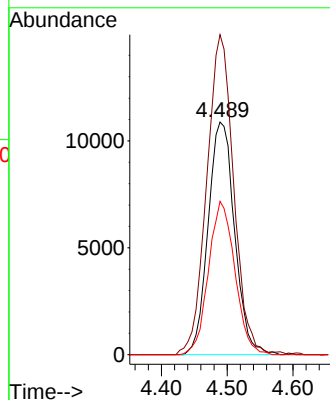
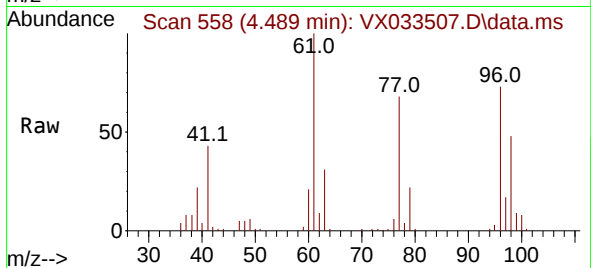
98 65.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#28

Bromochloromethane

Concen: 21.631 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

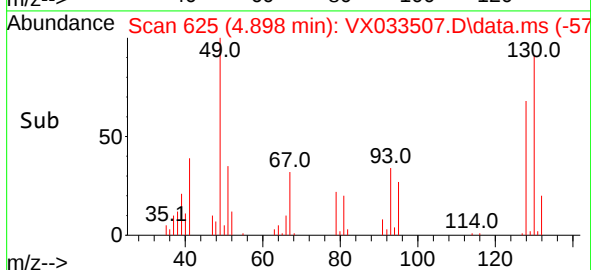
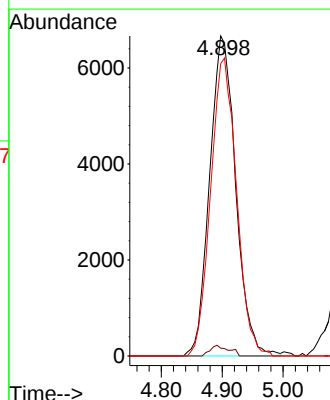
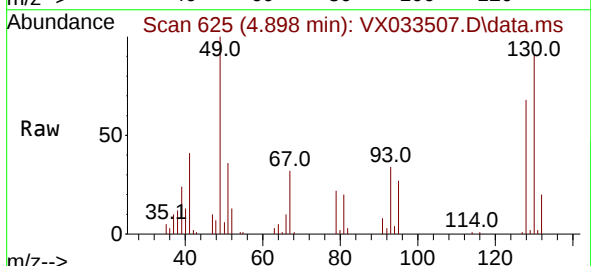
Tgt Ion: 49 Resp: 19799

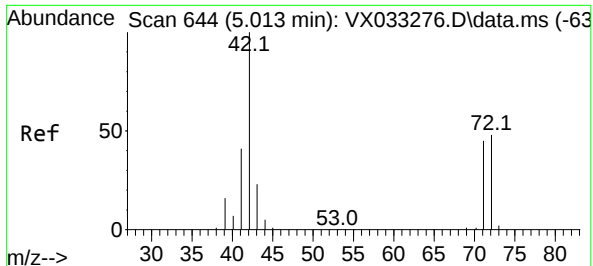
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 92.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 103.796 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

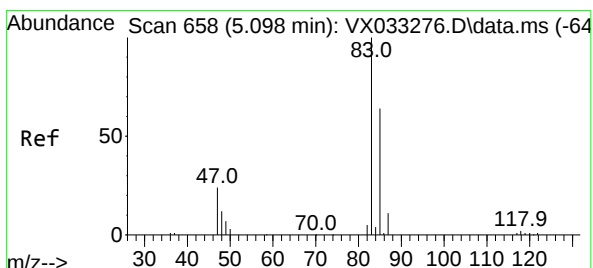
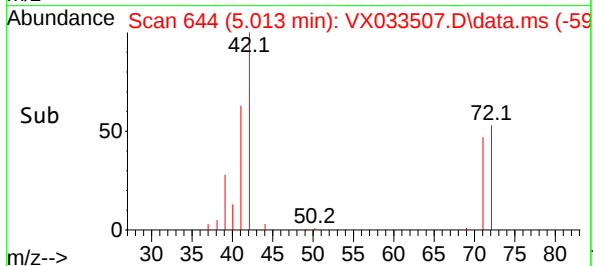
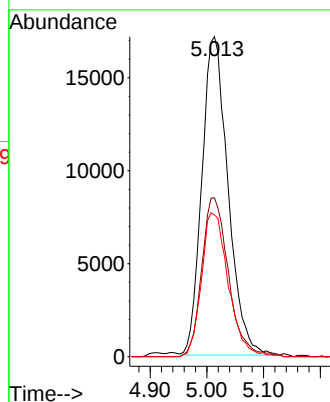
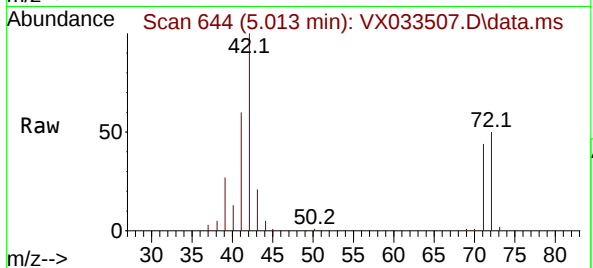
Tgt Ion:	42	Resp:	5497
Ion Ratio	Lower	Upper	
42	100		
72	50.9	37.6	56.4
71	46.3	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#30

Chloroform

Concen: 21.911 ug/l

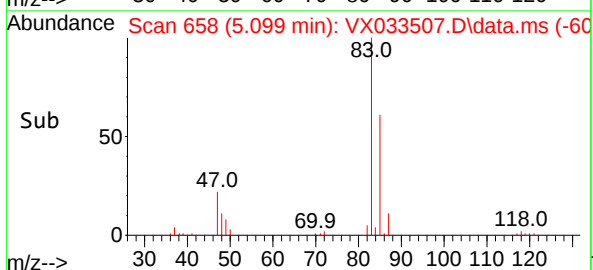
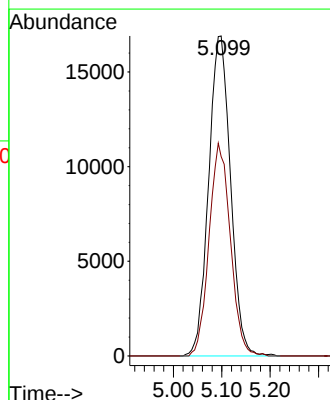
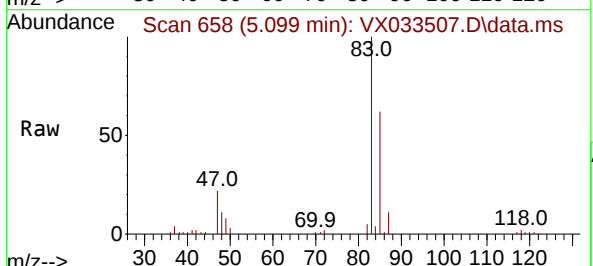
RT: 5.099 min Scan# 658

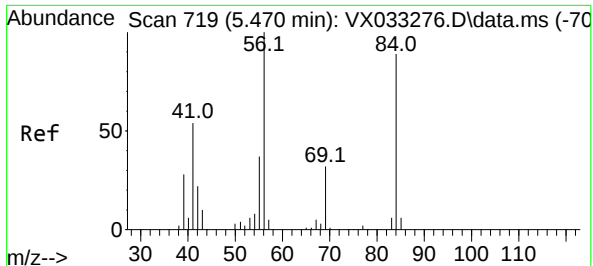
Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Tgt Ion:	83	Resp:	53186
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.1	76.7





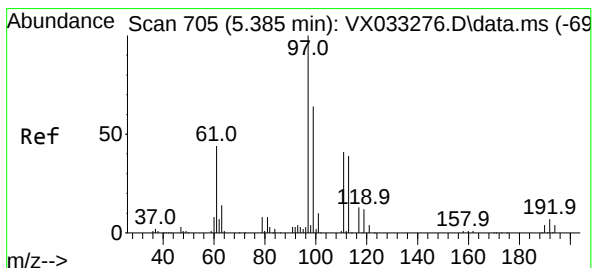
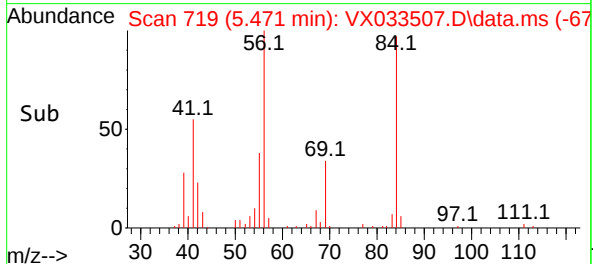
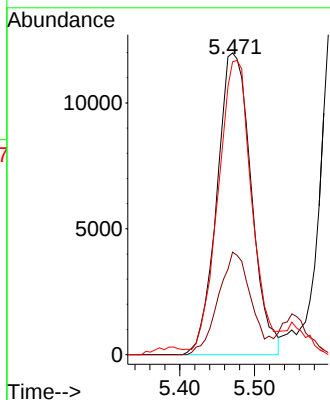
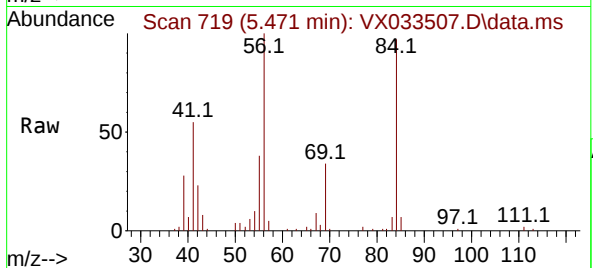
#31
Cyclohexane
Concen: 20.921 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 56 Resp: 38268
Ion Ratio Lower Upper
56 100
69 34.0 24.1 36.1
84 95.0 66.9 100.3

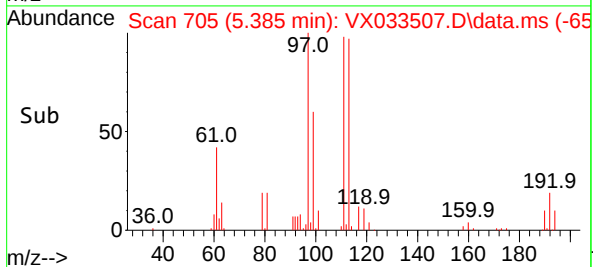
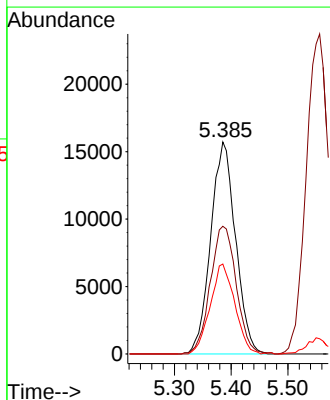
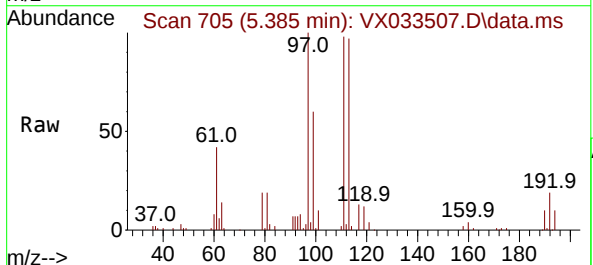
Manual Integrations
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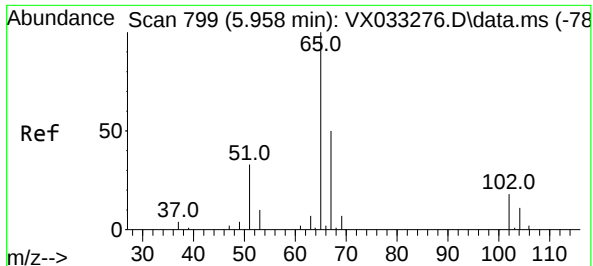
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#32
1,1,1-Trichloroethane
Concen: 22.925 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion: 97 Resp: 47879
Ion Ratio Lower Upper
97 100
99 62.7 51.4 77.0
61 41.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.623 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 65 Resp: 3819

Ion Ratio Lower Upper

65 100

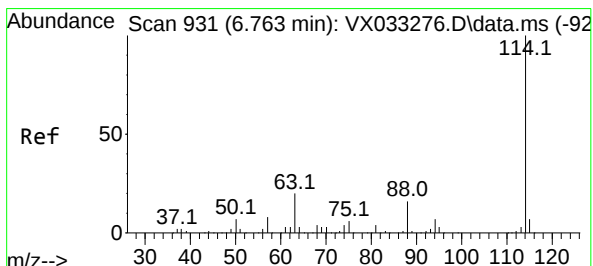
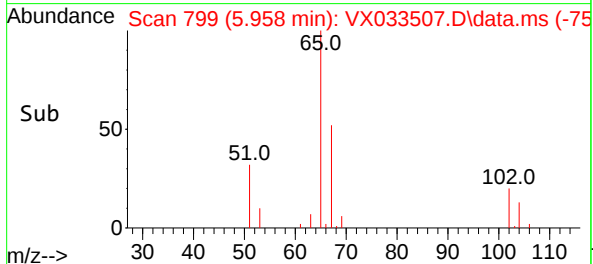
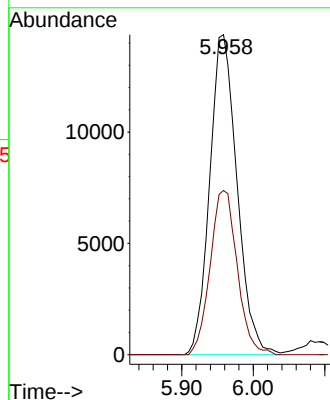
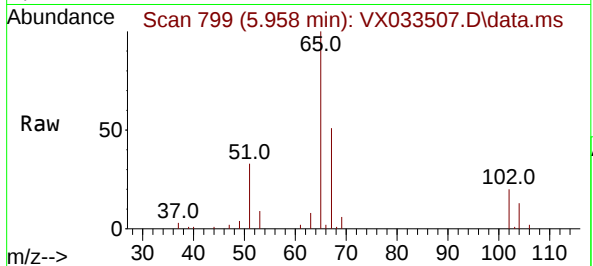
67 50.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

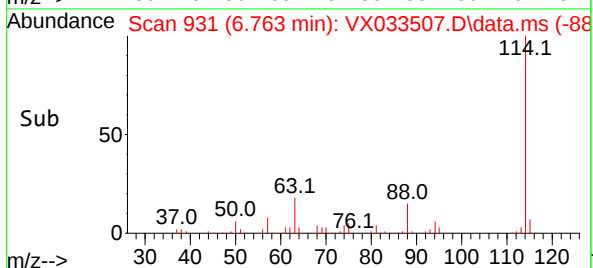
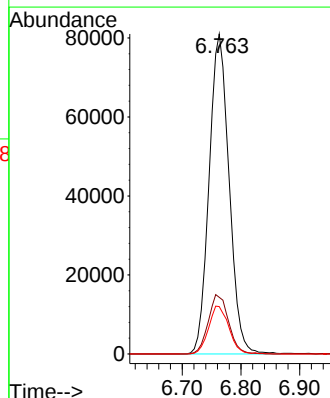
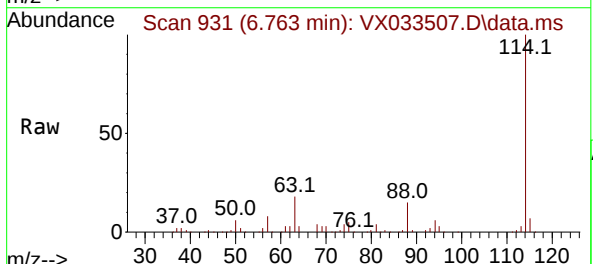
Tgt Ion:114 Resp: 191253

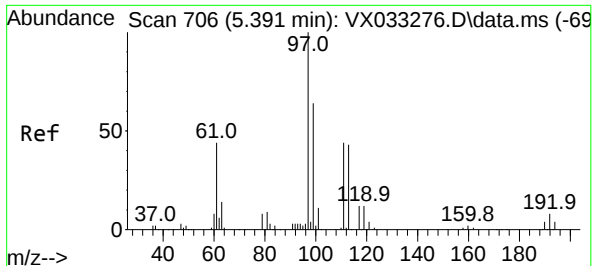
Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.6

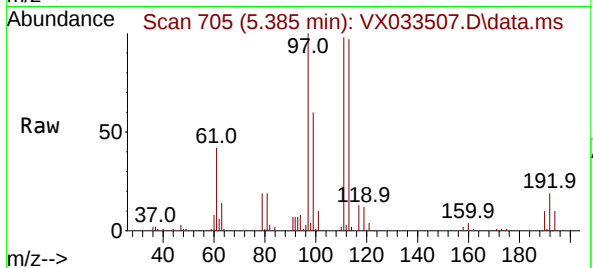
88 14.8 0.0 33.4





#35
Dibromofluoromethane
Concen: 52.458 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

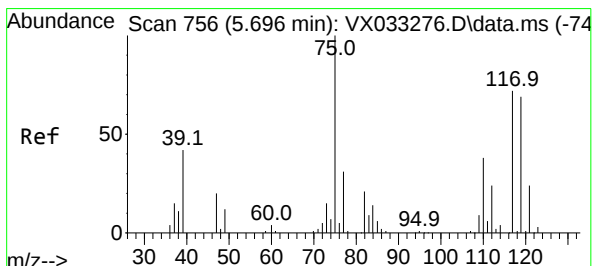
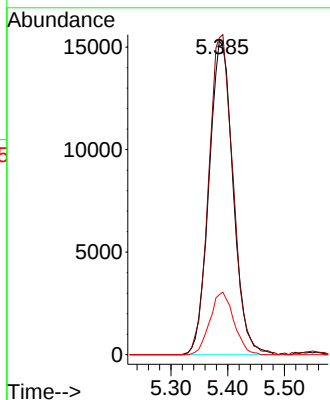
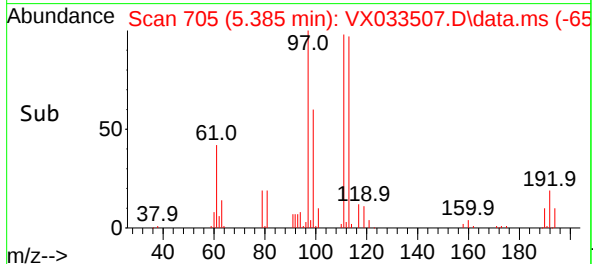
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



Tgt Ion:113 Resp: 45129
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.7 15.4 23.2

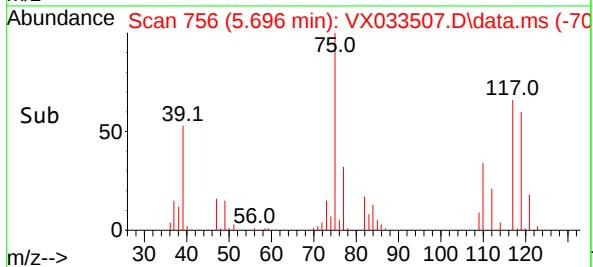
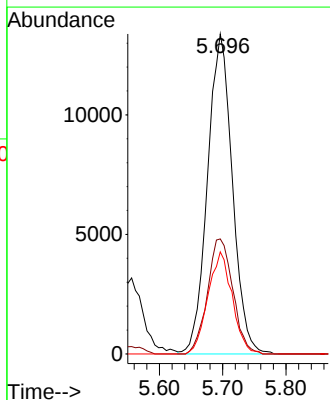
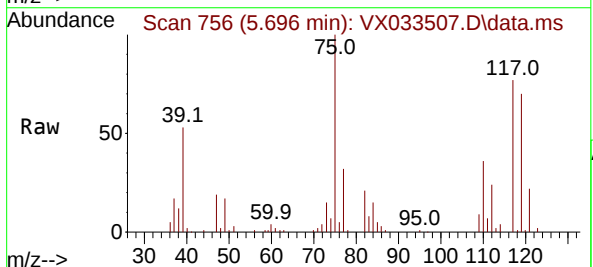
Manual Integrations
APPROVED

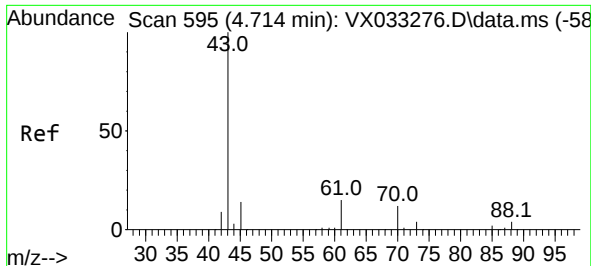
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#36
1,1-Dichloropropene
Concen: 21.776 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion: 75 Resp: 36522
Ion Ratio Lower Upper
75 100
110 36.7 18.4 55.2
77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 20.759 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 43 Resp: 32910

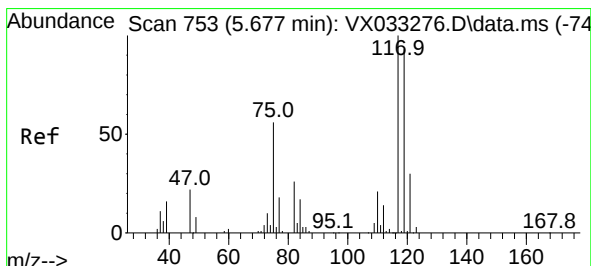
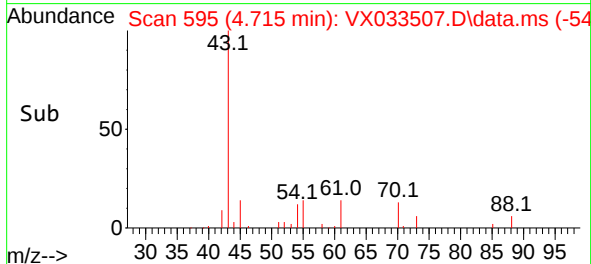
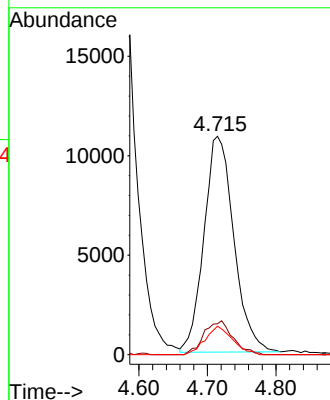
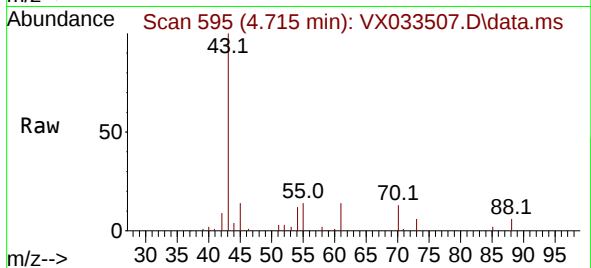
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	12.0	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#38

Carbon Tetrachloride

Concen: 22.078 ug/l

RT: 5.678 min Scan# 753

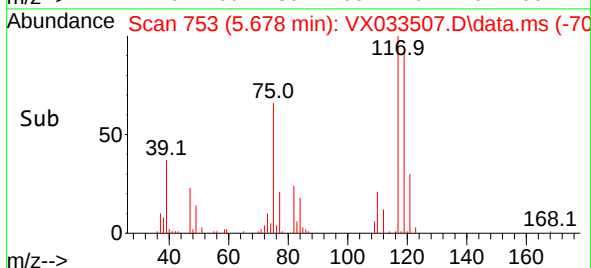
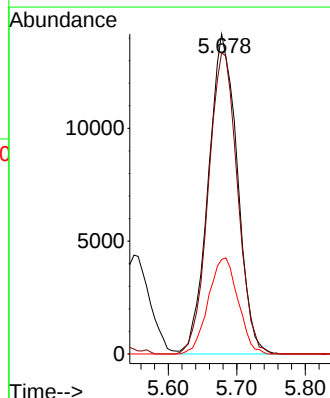
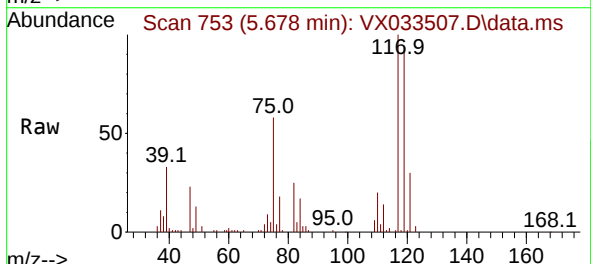
Delta R.T. 0.000 min

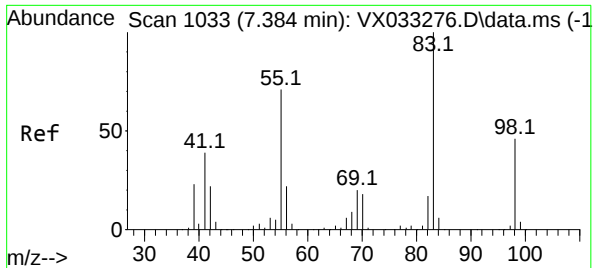
Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Tgt Ion: 117 Resp: 41486

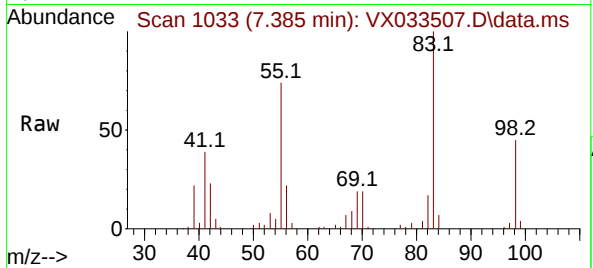
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.2	115.8
121	29.5	25.8	38.6





#39
Methylcyclohexane
Concen: 22.056 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

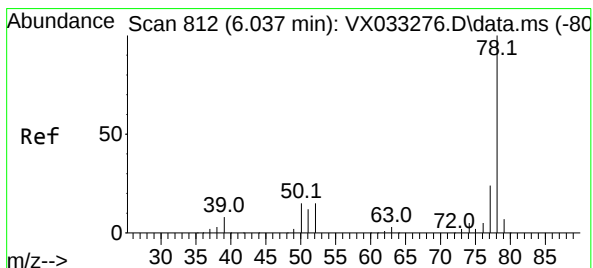
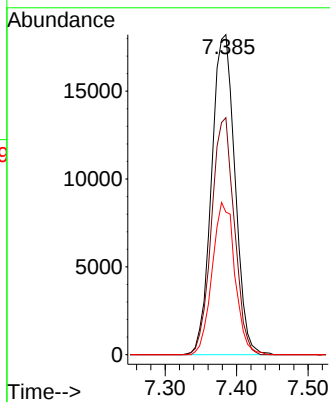
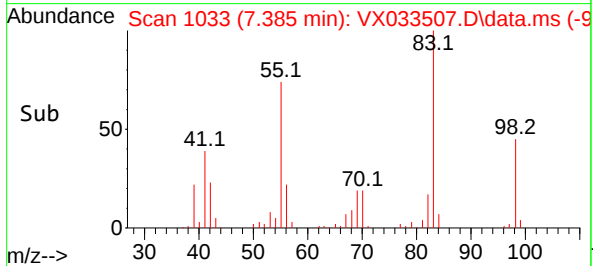
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



Tgt Ion: 83 Resp: 41404
Ion Ratio Lower Upper
83 100
55 74.0 58.4 87.6
98 44.5 37.2 55.8

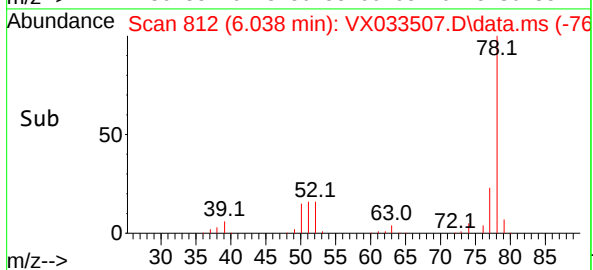
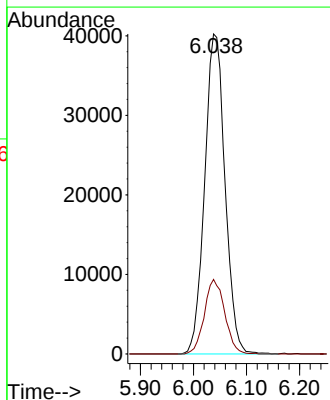
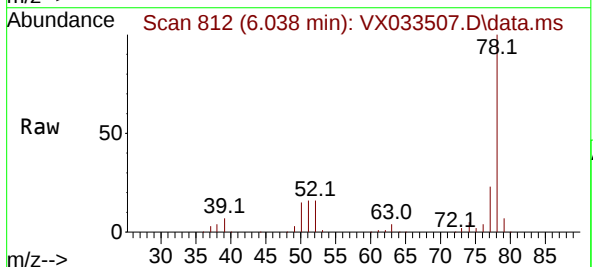
Manual Integrations
APPROVED

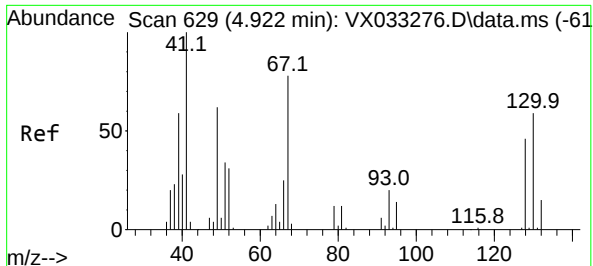
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#40
Benzene
Concen: 21.904 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

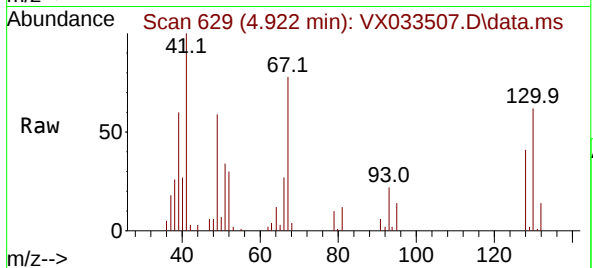
Tgt Ion: 78 Resp: 107109
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#41
Methacrylonitrile
Concen: 22.448 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

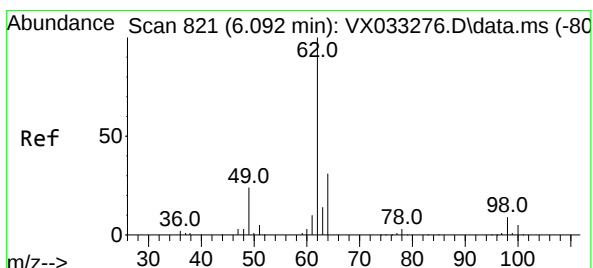
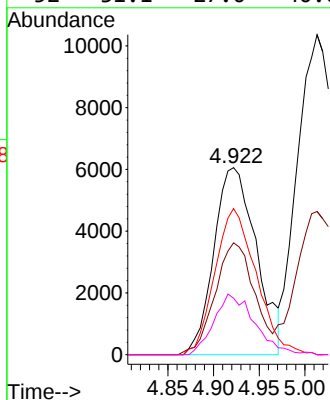
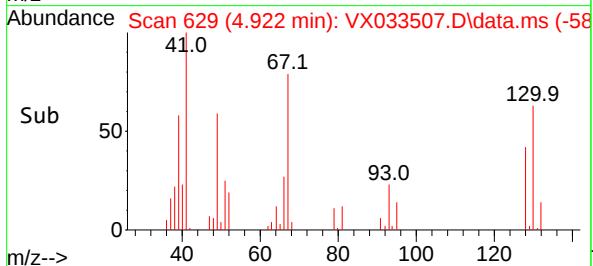
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



Tgt Ion: 41 Resp: 1961
Ion Ratio Lower Upper
41 100
39 55.2 47.5 71.3
67 75.9 60.5 90.7
52 31.1 27.0 40.6

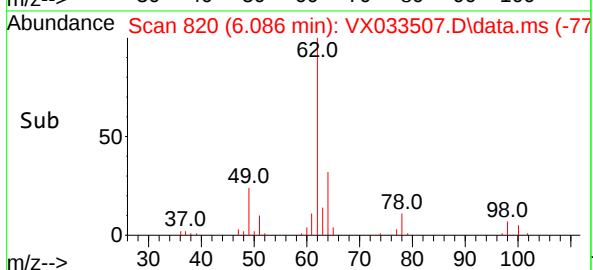
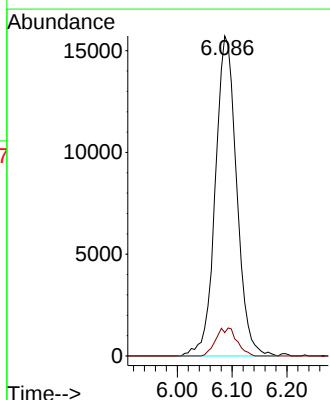
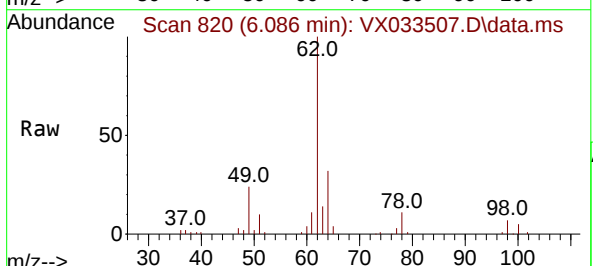
Manual Integrations
APPROVED

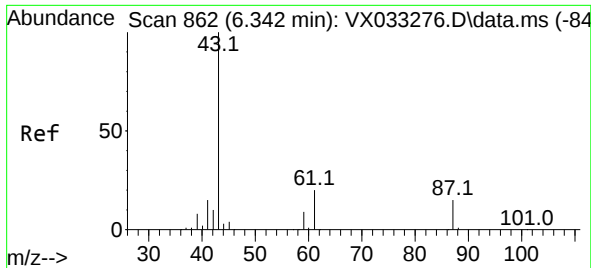
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#42
1,2-Dichloroethane
Concen: 21.931 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

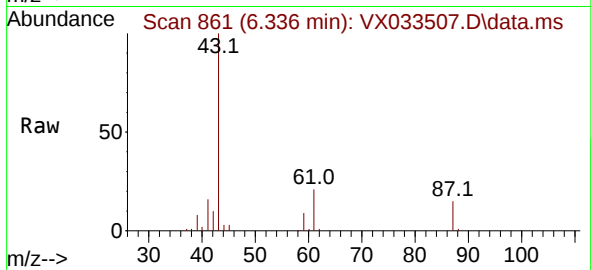
Tgt Ion: 62 Resp: 42586
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 21.853 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

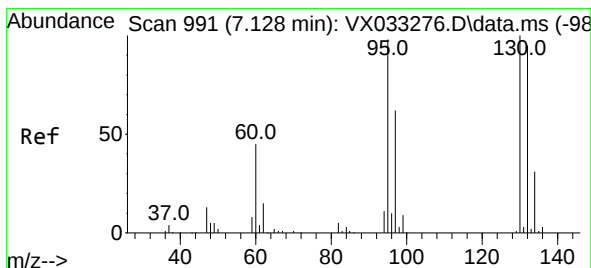
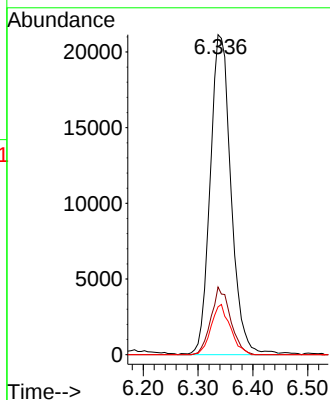
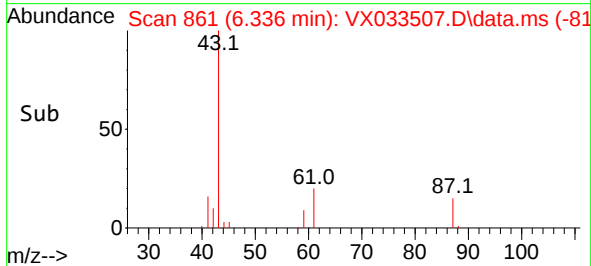
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



Tgt Ion: 43 Resp: 5574
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 14.6 10.8 16.2

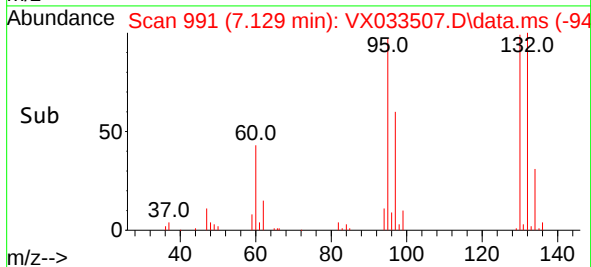
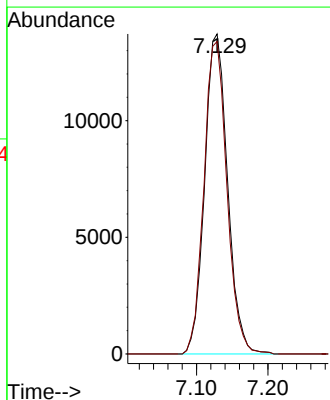
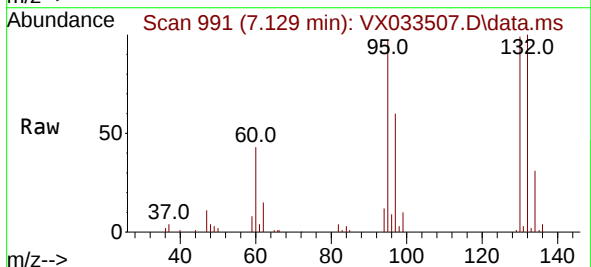
Manual Integrations
APPROVED

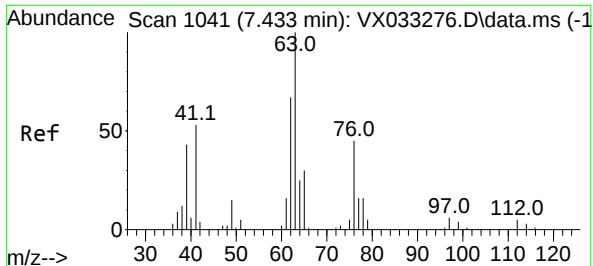
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#44
Trichloroethene
Concen: 22.659 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion:130 Resp: 30549
Ion Ratio Lower Upper
130 100
95 97.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 21.896 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 63 Resp: 2738

Ion Ratio Lower Upper

63 100

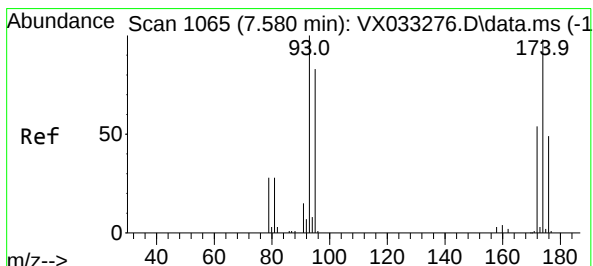
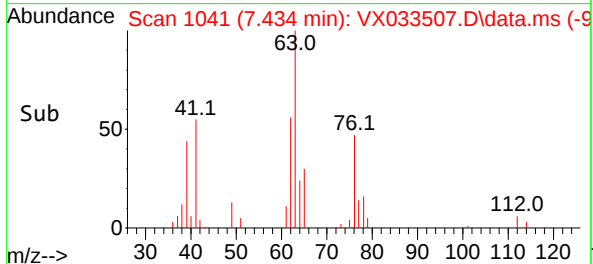
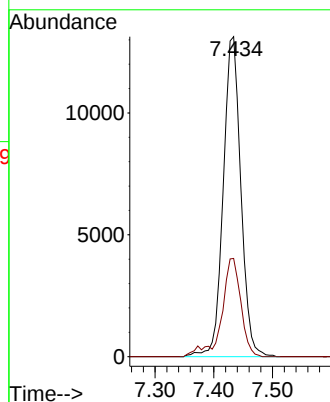
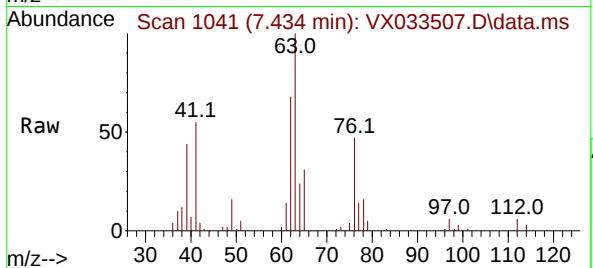
65 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 22.168 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

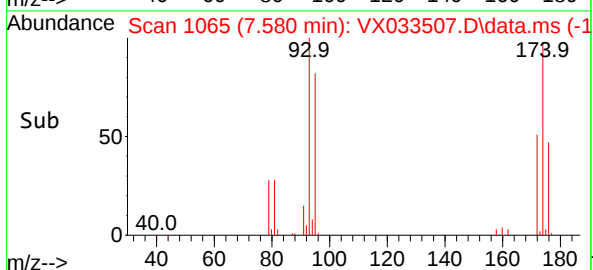
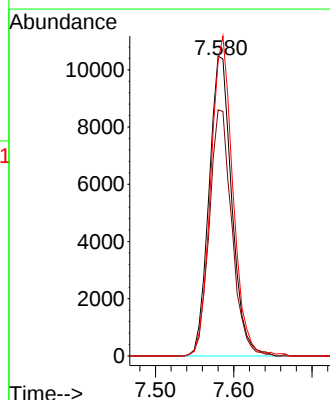
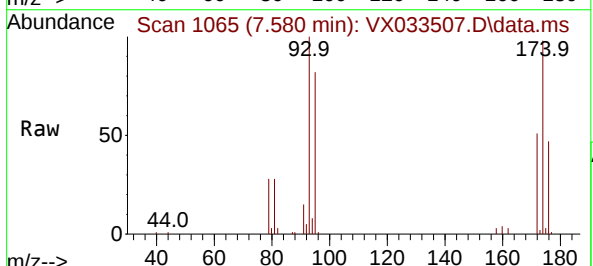
Tgt Ion: 93 Resp: 21119

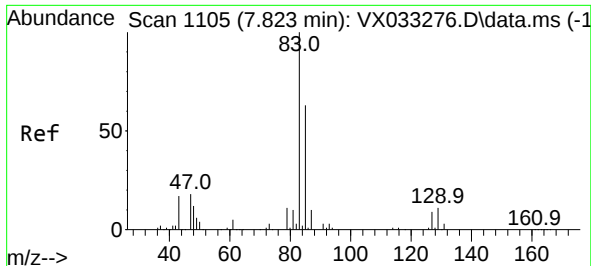
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.8

174 103.9 79.8 119.6





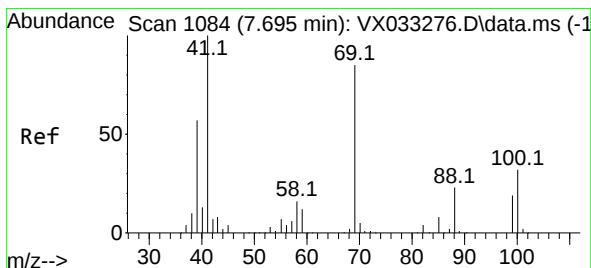
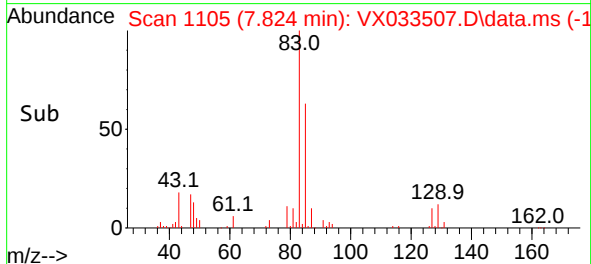
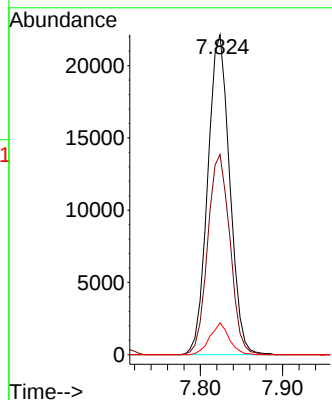
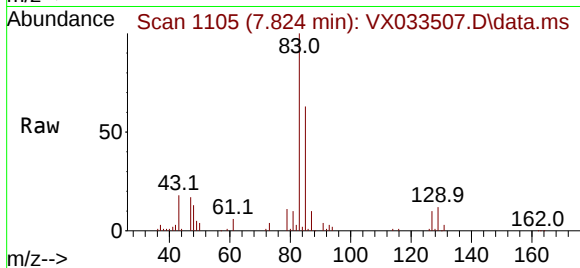
#47
Bromodichloromethane
Concen: 22.139 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 83 Resp: 41114
Ion Ratio Lower Upper
83 100
85 62.5 52.2 78.4
127 10.0 7.4 11.2

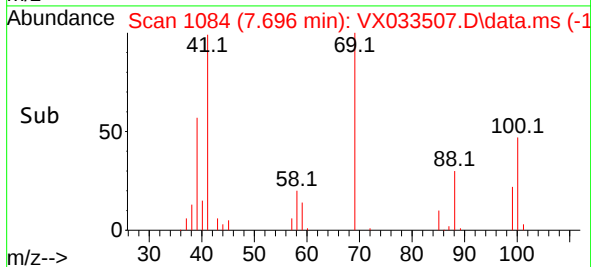
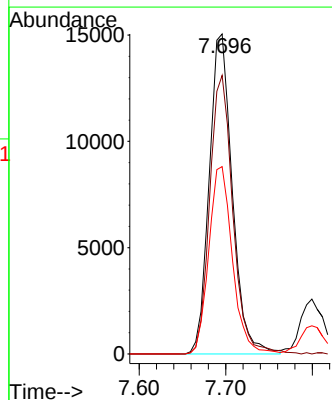
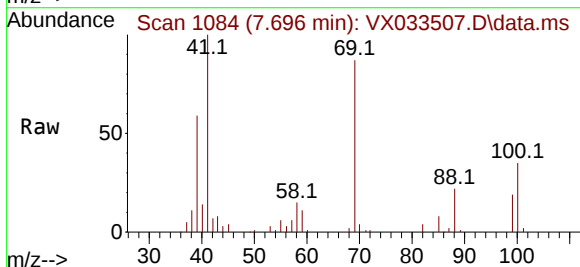
Manual Integrations
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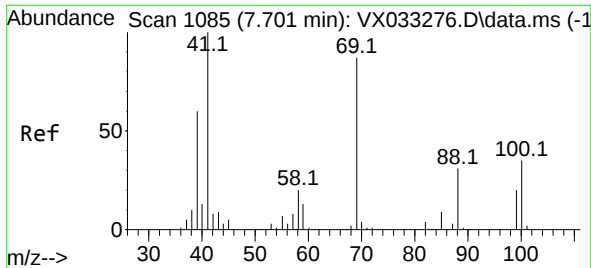
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#48
Methyl methacrylate
Concen: 21.219 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion: 41 Resp: 27935
Ion Ratio Lower Upper
41 100
69 87.1 65.1 97.7
39 59.9 51.9 77.9





#49

1,4-Dioxane

Concen: 428.738 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.007 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 88 Resp: 1287

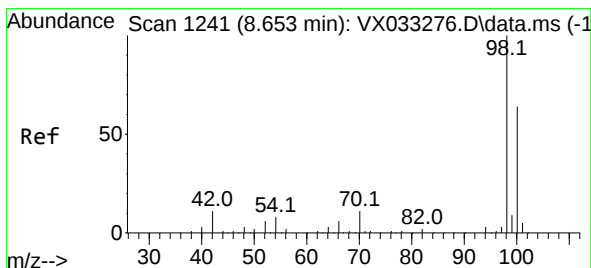
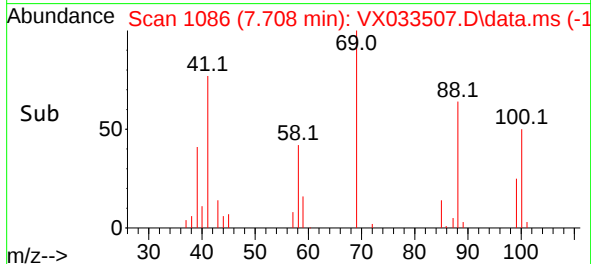
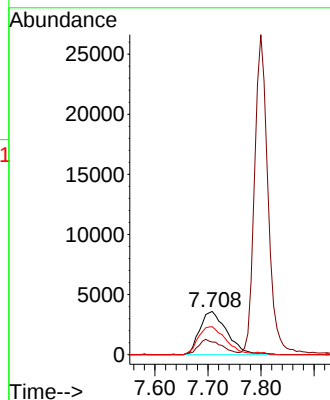
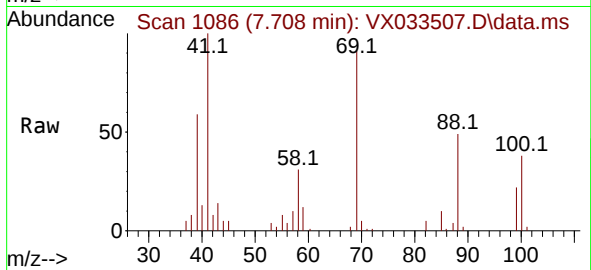
Ion	Ratio	Lower	Upper
88	100		
43	30.4	26.6	39.8
58	65.3	51.7	77.5

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 52.984 ug/l

RT: 8.647 min Scan# 1240

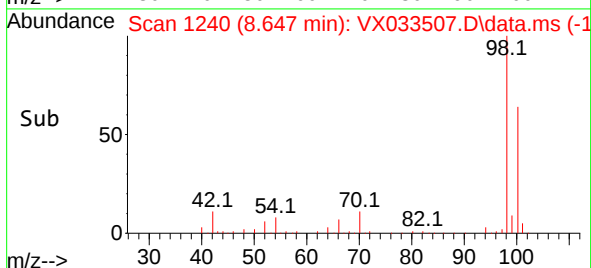
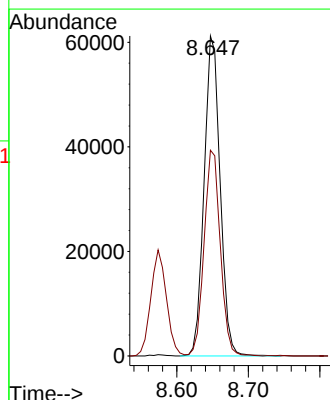
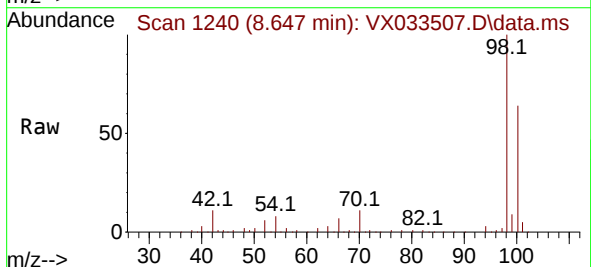
Delta R.T. -0.006 min

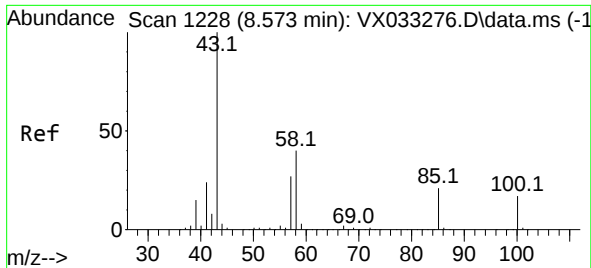
Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Tgt Ion: 98 Resp: 95346

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.9	76.3





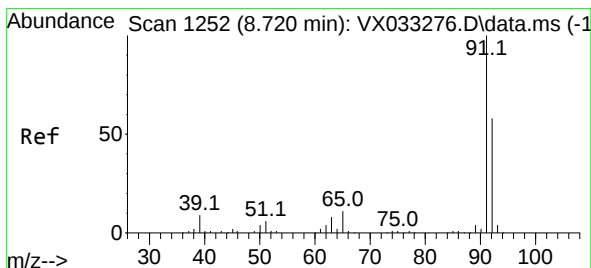
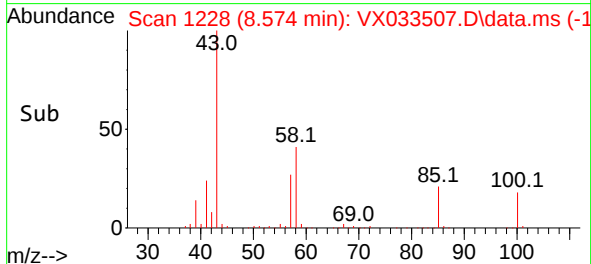
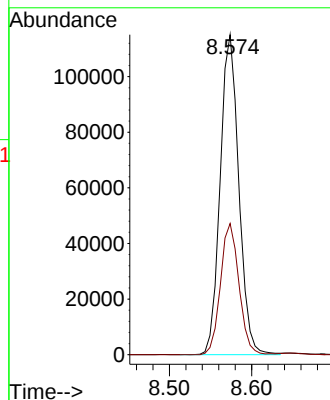
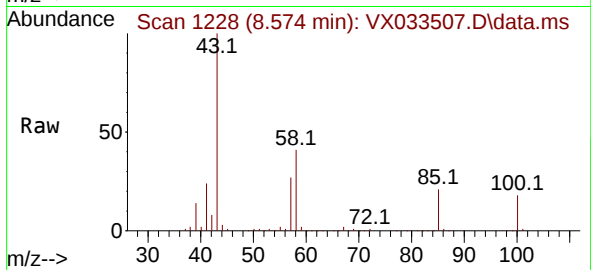
#51
4-Methyl-2-Pentanone
Concen: 112.261 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 43 Resp: 181092
Ion Ratio Lower Upper
43 100
58 40.7 30.9 46.3

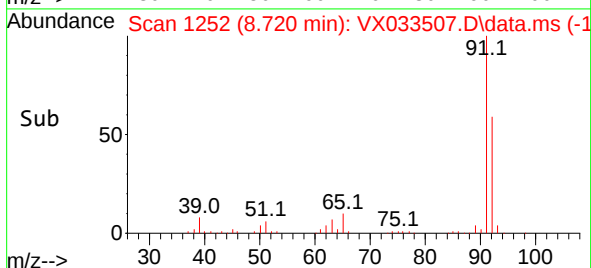
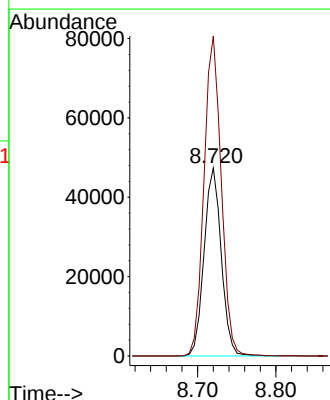
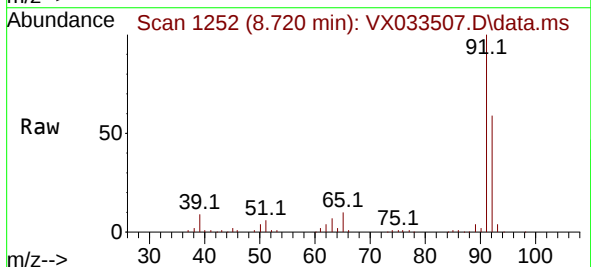
Manual Integrations
APPROVED

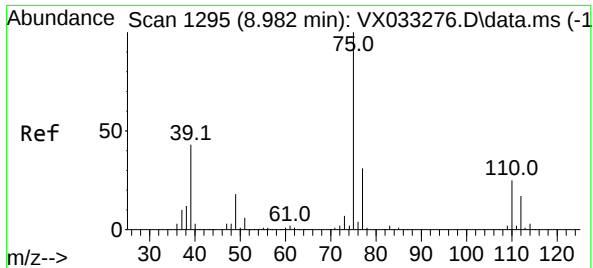
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#52
Toluene
Concen: 22.757 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion: 92 Resp: 71949
Ion Ratio Lower Upper
92 100
91 171.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 21.341 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 75 Resp: 3955

Ion Ratio Lower Upper

75 100

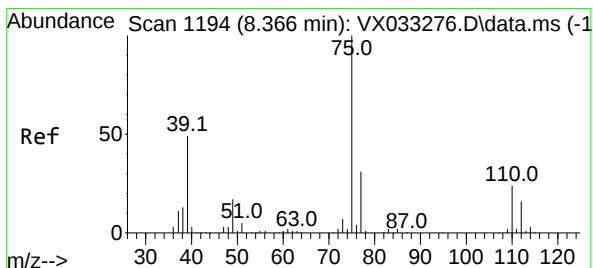
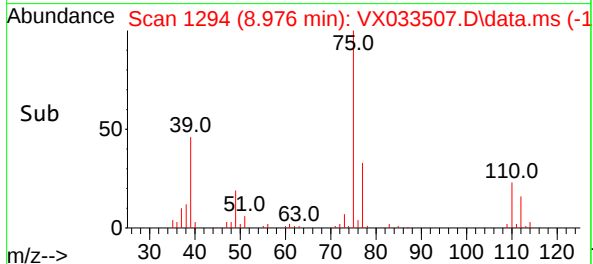
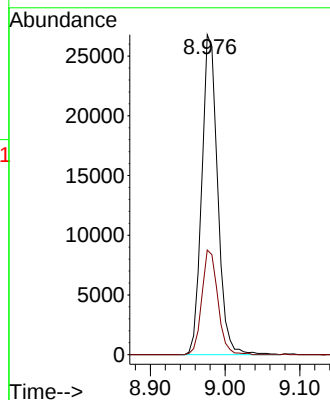
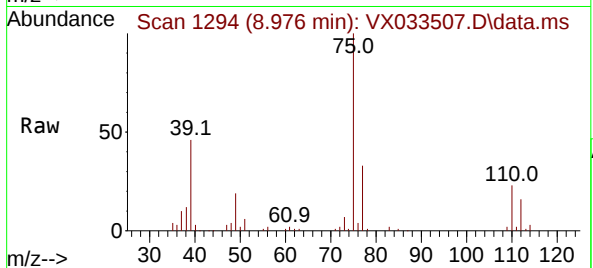
77 32.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#54

cis-1,3-Dichloropropene

Concen: 21.788 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

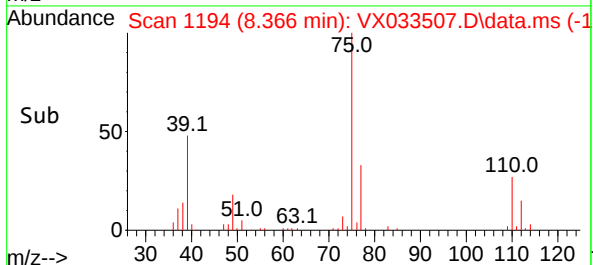
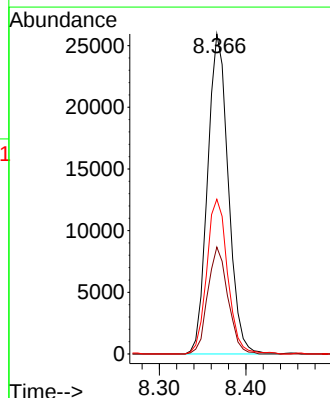
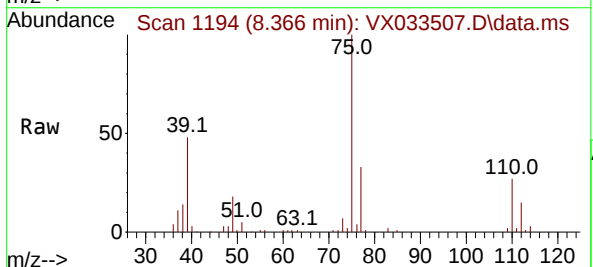
Tgt Ion: 75 Resp: 43055

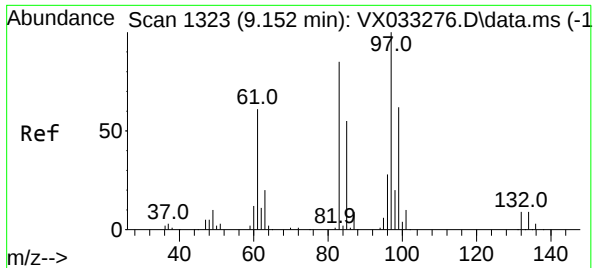
Ion Ratio Lower Upper

75 100

77 33.4 25.1 37.7

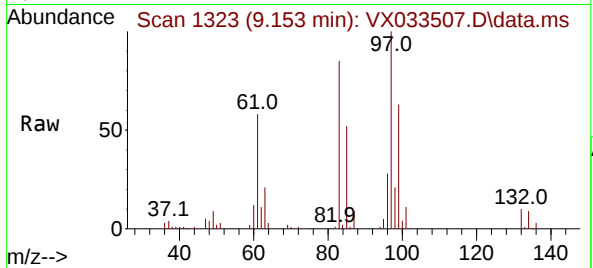
39 48.3 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 22.746 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

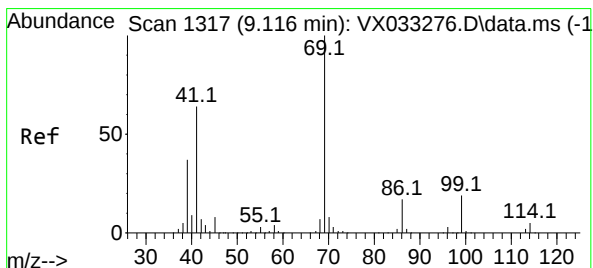
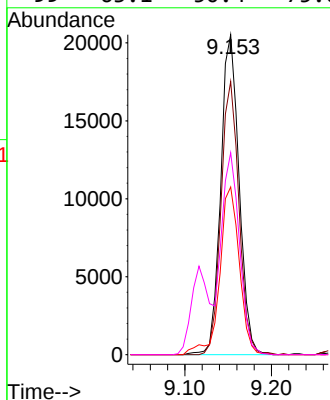
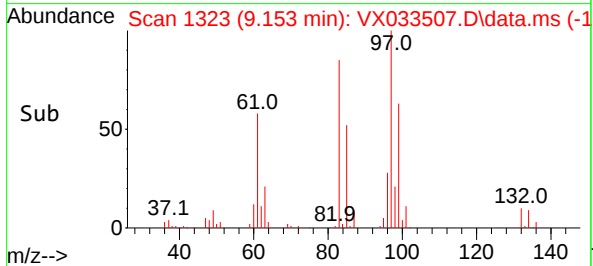


Tgt Ion: 97 Resp: 30230

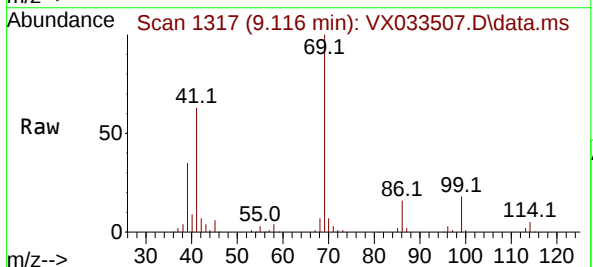
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	52.4	43.3	64.9
99	63.1	50.4	75.6

Manual Integrations
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Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

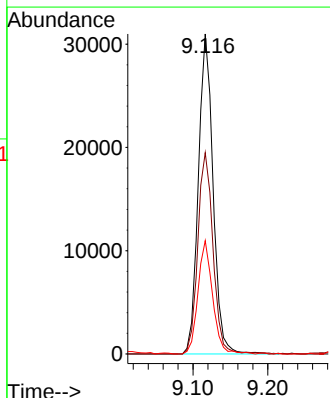
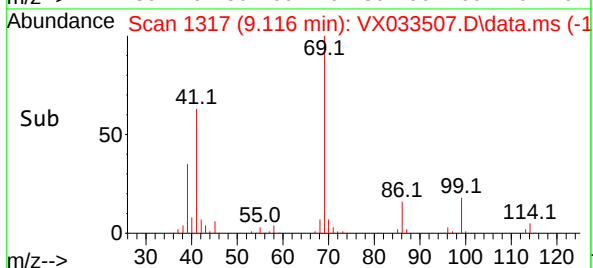


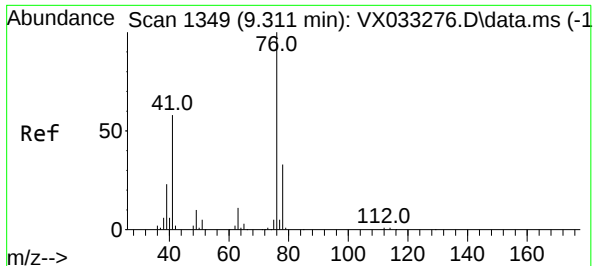
#56
Ethyl methacrylate
Concen: 22.645 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



Tgt Ion: 69 Resp: 42374

Ion	Ratio	Lower	Upper
69	100		
41	64.6	54.3	81.5
39	35.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 22.435 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion: 76 Resp: 4789

Ion Ratio Lower Upper

76 100

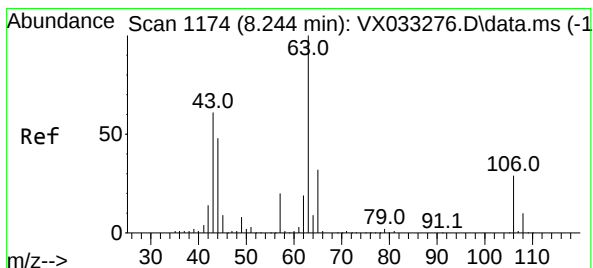
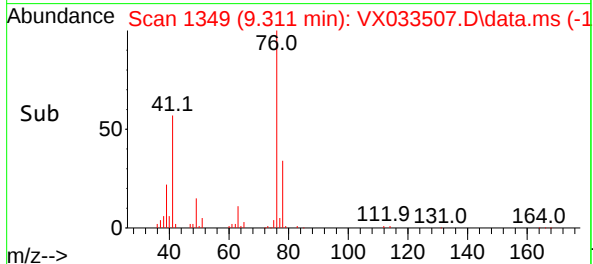
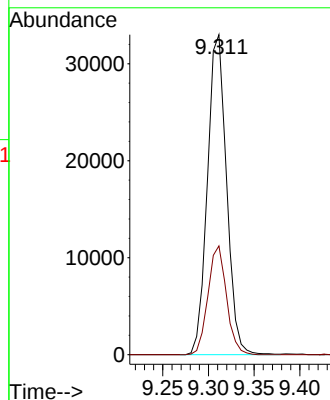
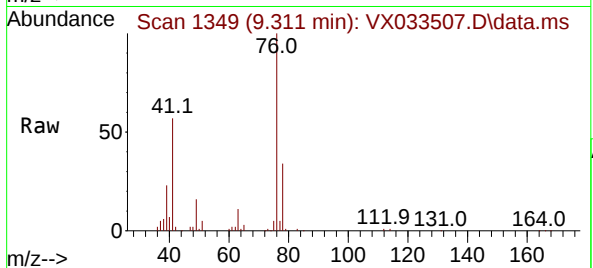
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 103.299 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033507.D

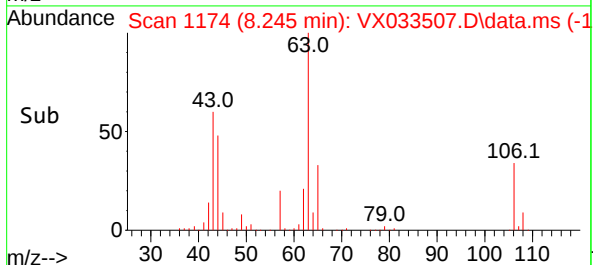
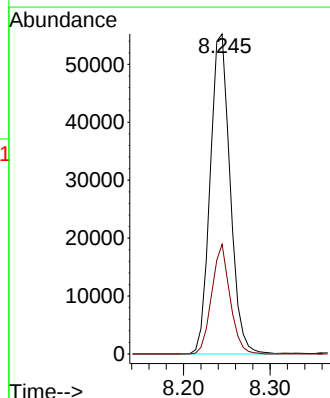
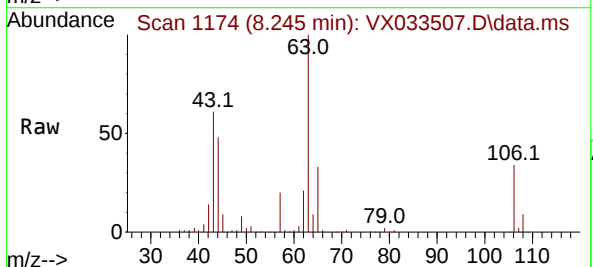
Acq: 20 Dec 2022 14:54

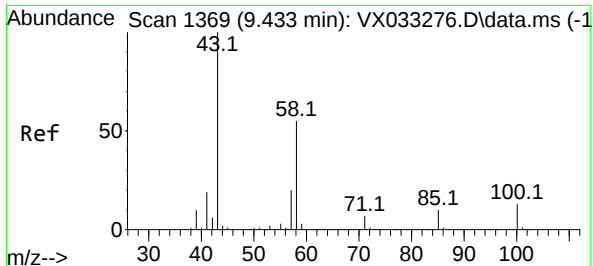
Tgt Ion: 63 Resp: 88444

Ion Ratio Lower Upper

63 100

106 31.3 23.3 34.9





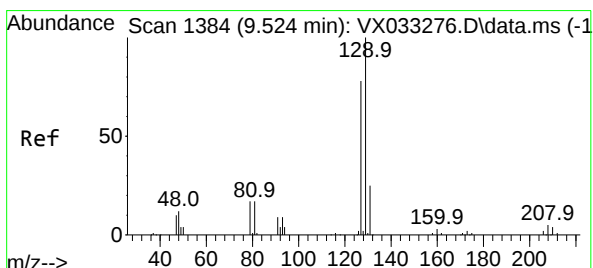
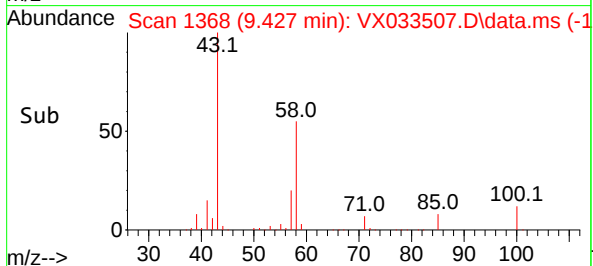
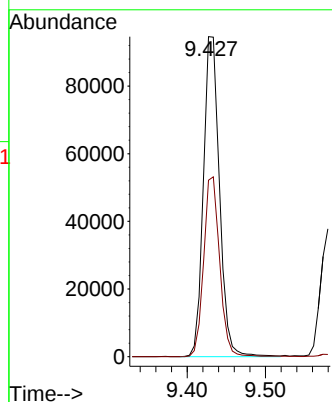
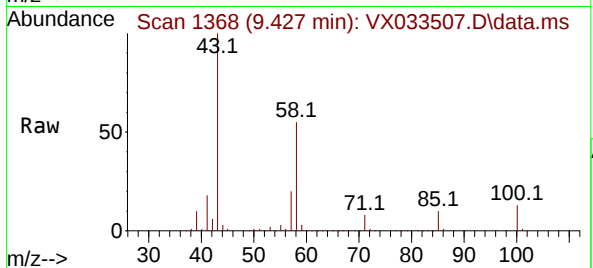
#59
2-Hexanone
Concen: 113.740 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 43 Resp: 13521
Ion Ratio Lower Upper
43 100
58 55.6 26.5 79.5

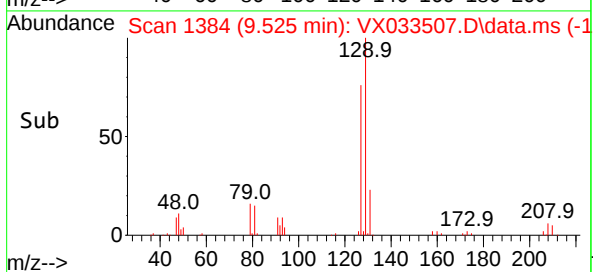
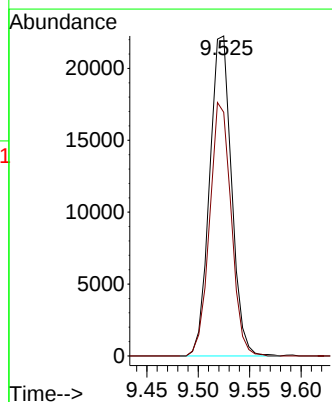
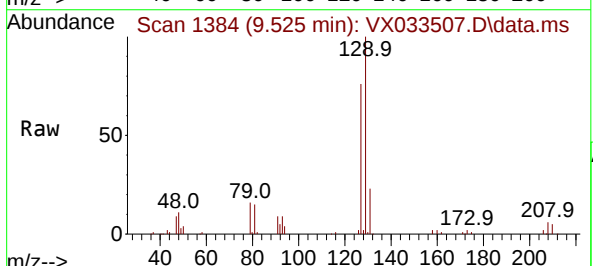
Manual Integrations
APPROVED

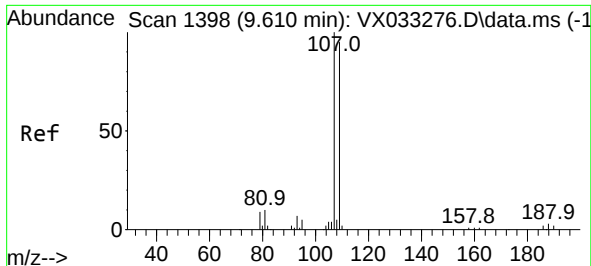
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
Dibromochloromethane
Concen: 22.544 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

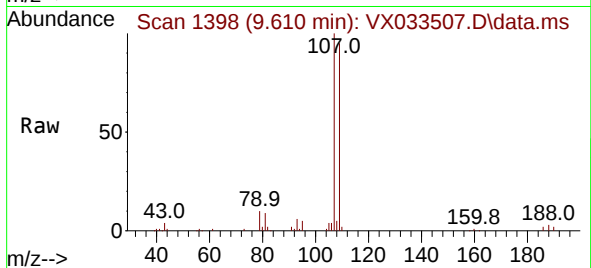
Tgt Ion:129 Resp: 33011
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 22.840 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

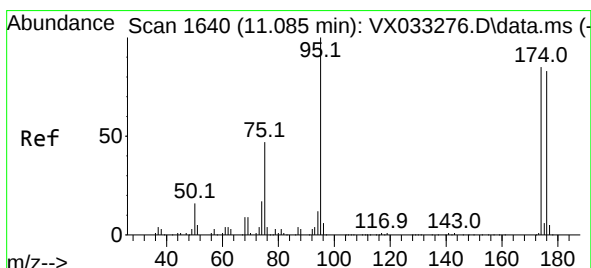
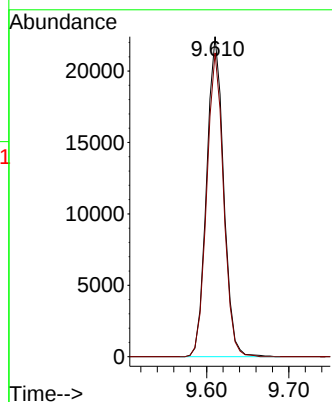
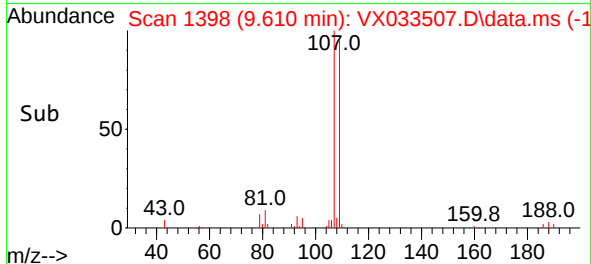
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



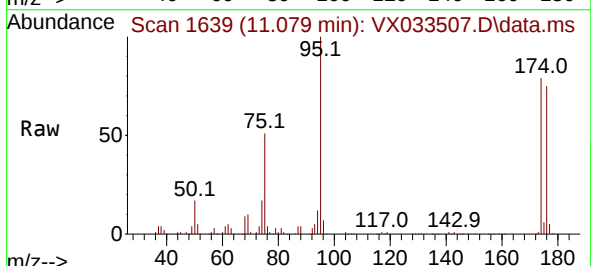
Tgt Ion:107 Resp: 3228
Ion Ratio Lower Upper
107 100
109 93.5 76.0 114.0

Manual Integrations
APPROVED

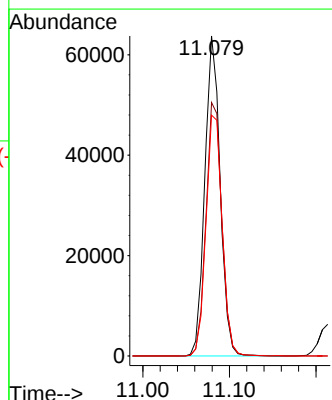
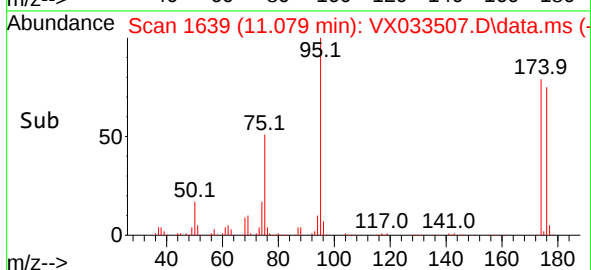
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

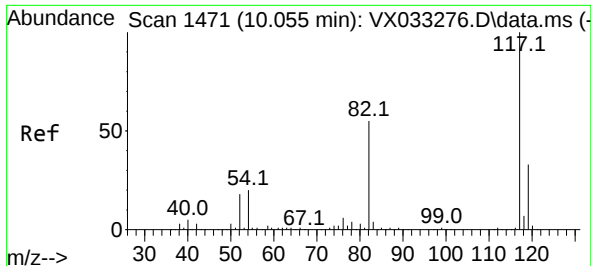


#62
4-Bromofluorobenzene
Concen: 56.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



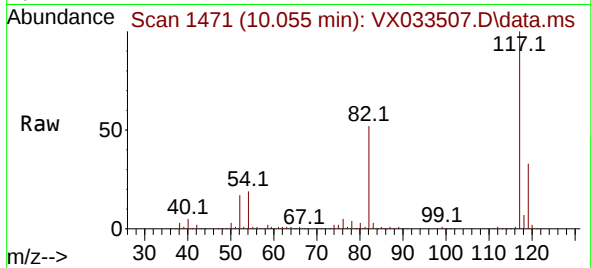
Tgt Ion: 95 Resp: 78354
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.6 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

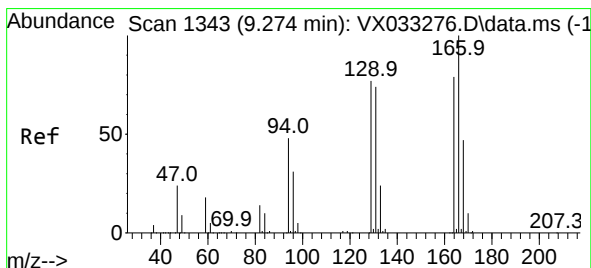
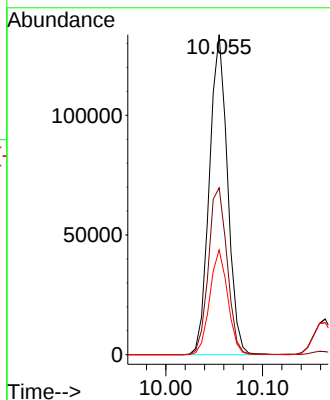
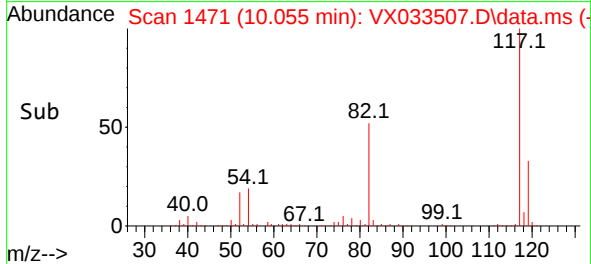
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



Tgt Ion:117 Resp: 174030
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 32.7 25.7 38.5

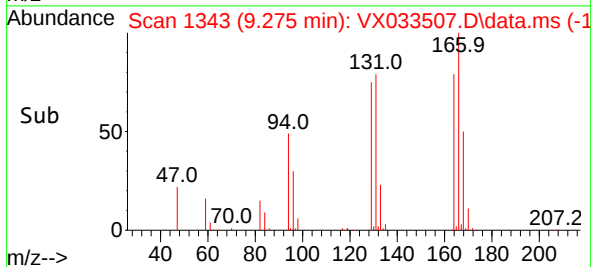
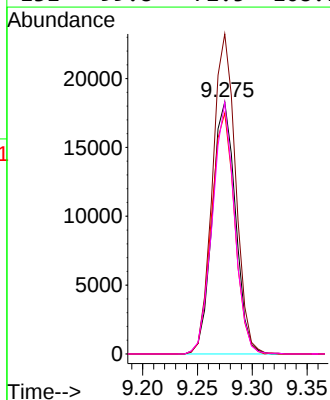
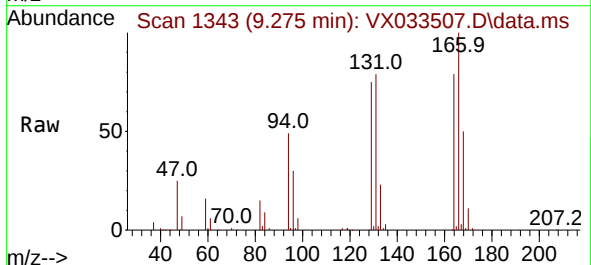
Manual Integrations
APPROVED

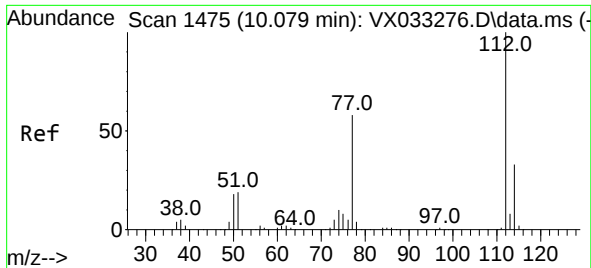
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
Tetrachloroethene
Concen: 22.624 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion:164 Resp: 26923
Ion Ratio Lower Upper
164 100
166 127.0 105.4 158.2
129 95.5 78.2 117.2
131 99.8 72.5 108.7





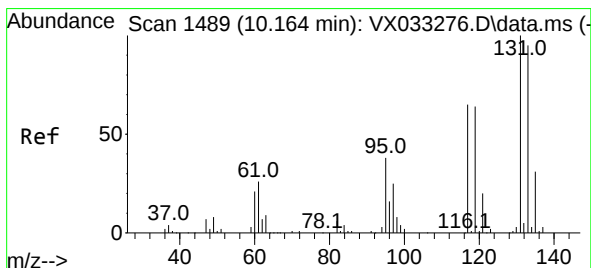
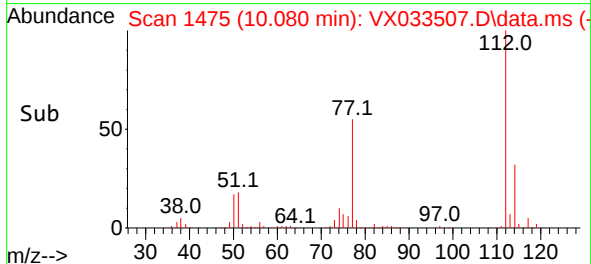
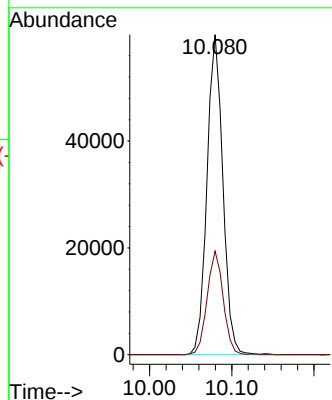
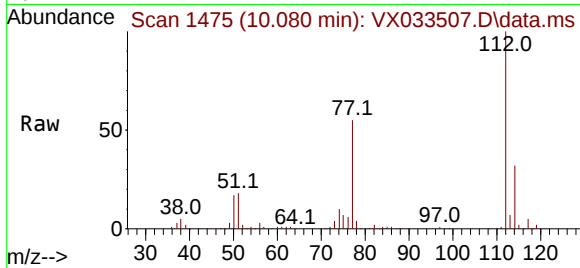
#65
Chlorobenzene
Concen: 22.786 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion:112 Resp: 8030
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

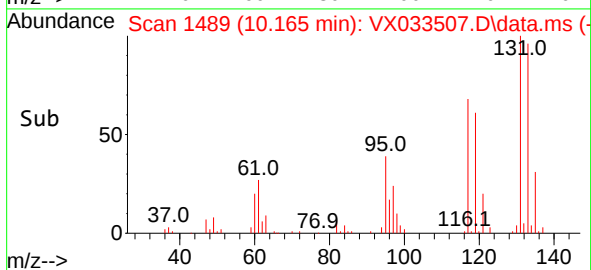
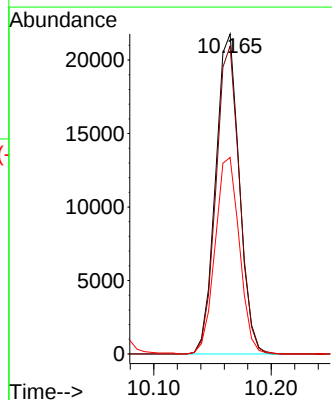
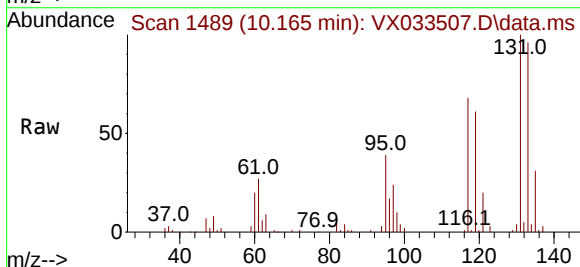
Manual Integrations
APPROVED

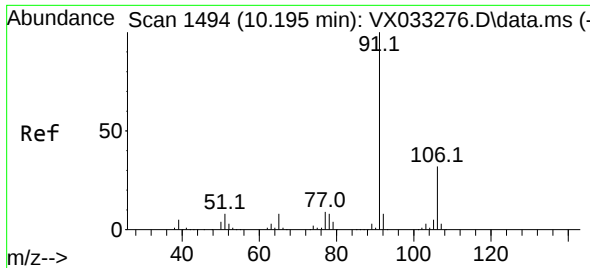
Reviewed By :John Carbone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.845 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

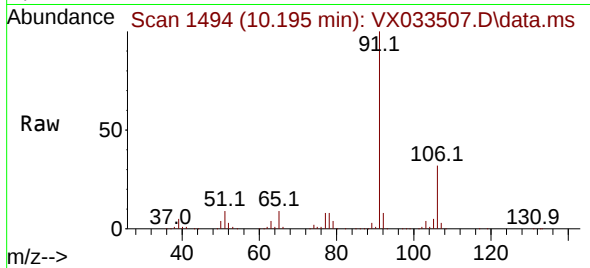
Tgt Ion:131 Resp: 30424
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 63.1 32.4 97.0





#67
Ethyl Benzene
Concen: 23.063 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

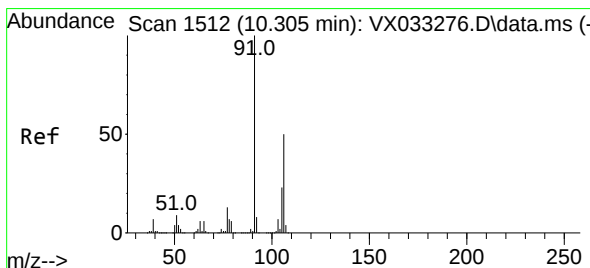
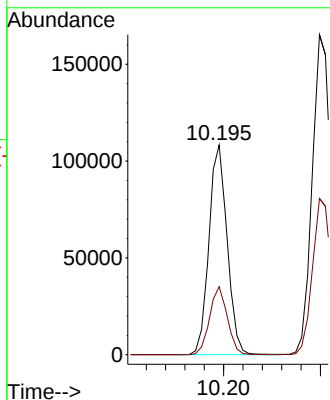
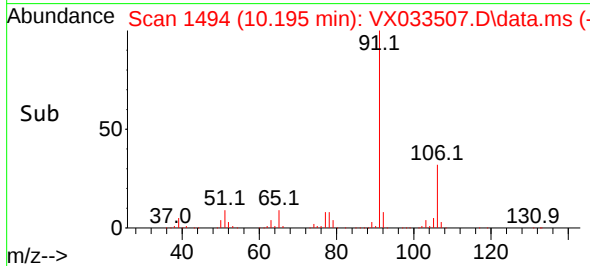
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



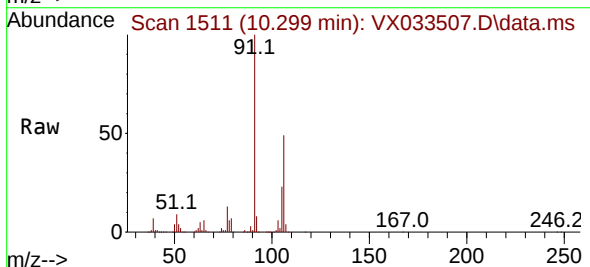
Tgt Ion: 91 Resp: 141598
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6

Manual Integrations
APPROVED

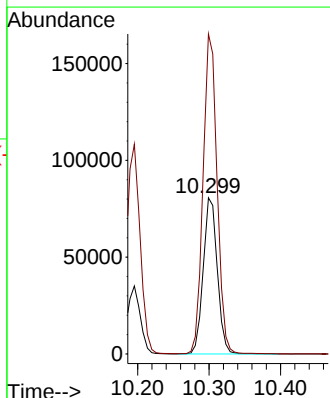
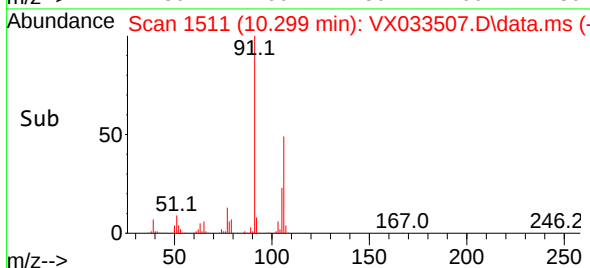
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

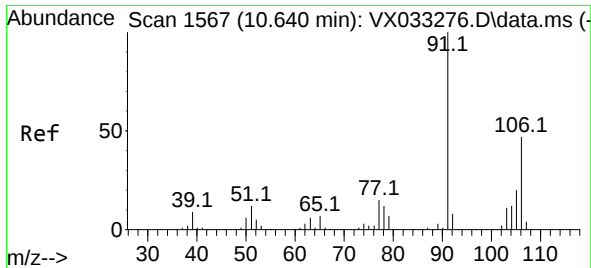


#68
m/p-Xylenes
Concen: 46.217 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



Tgt Ion:106 Resp: 110399
Ion Ratio Lower Upper
106 100
91 204.6 164.5 246.7





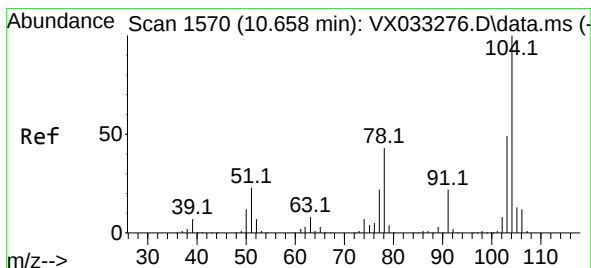
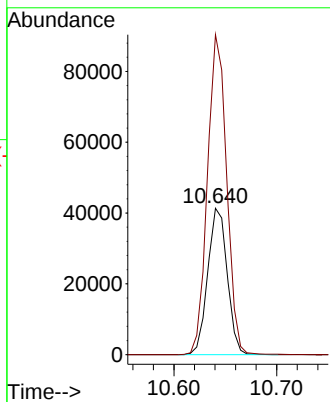
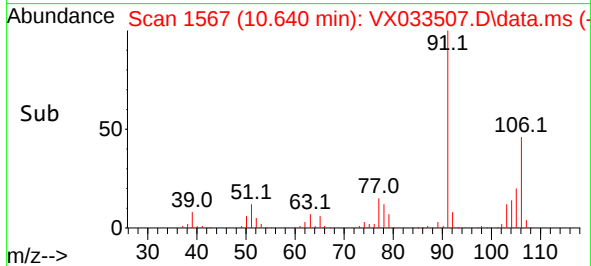
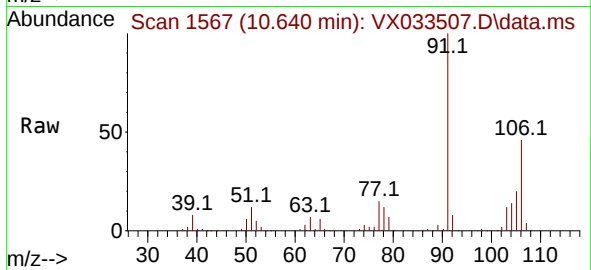
#69
o-Xylene
Concen: 23.061 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion:106 Resp: 54450
Ion Ratio Lower Upper
106 100
91 215.8 109.2 327.6

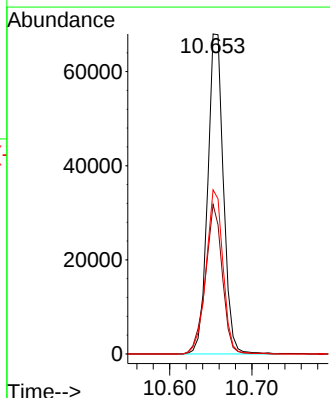
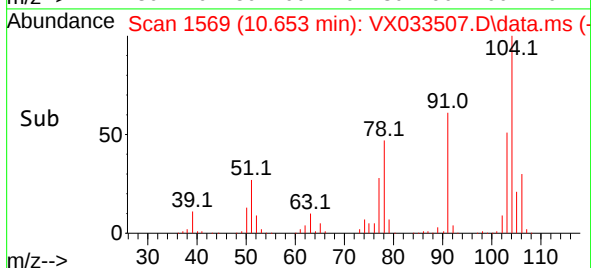
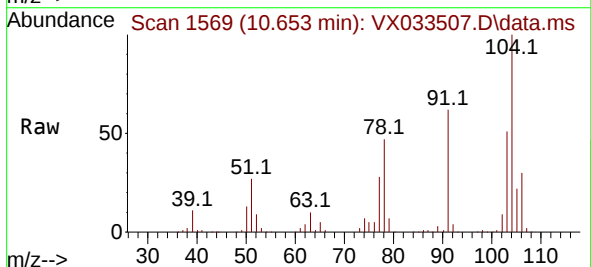
Manual Integrations
APPROVED

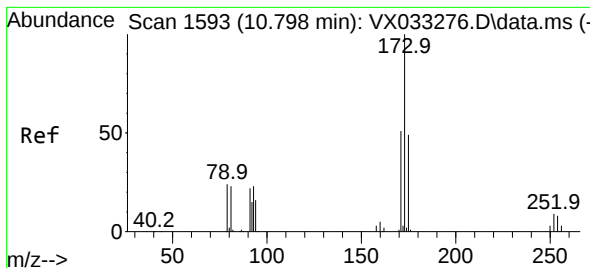
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 23.463 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

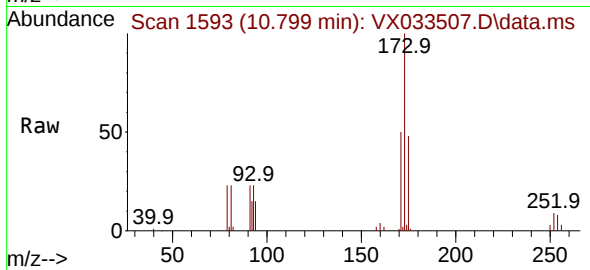
Tgt Ion:104 Resp: 90732
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 55.1 44.5 66.7





#71
Bromoform
Concen: 22.504 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

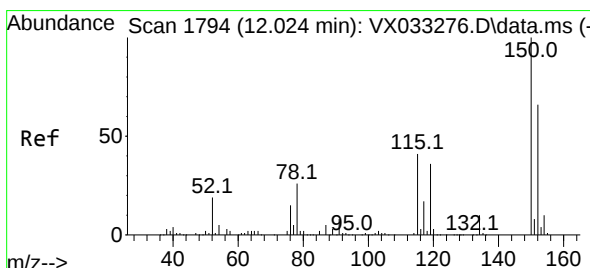
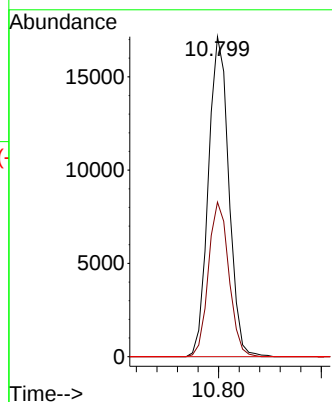
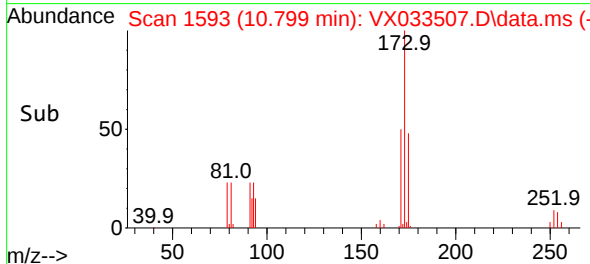
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



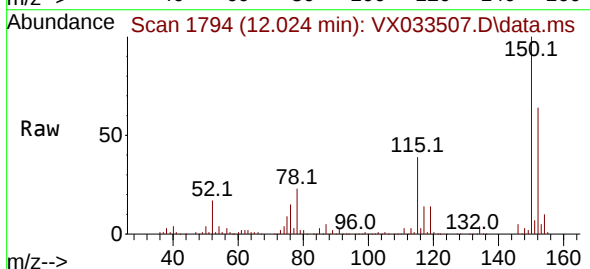
Tgt Ion:173 Resp: 2372
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

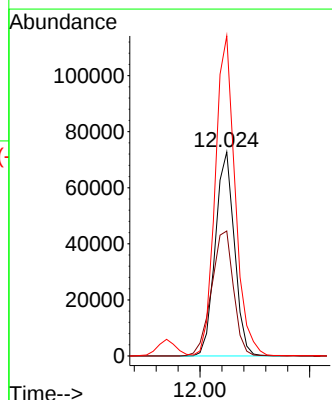
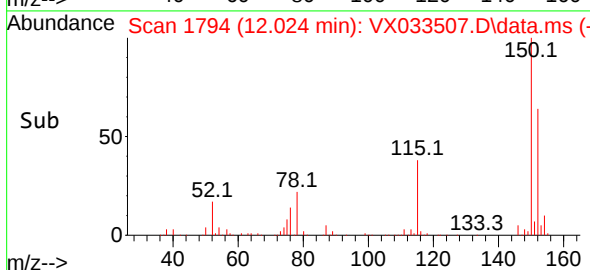
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

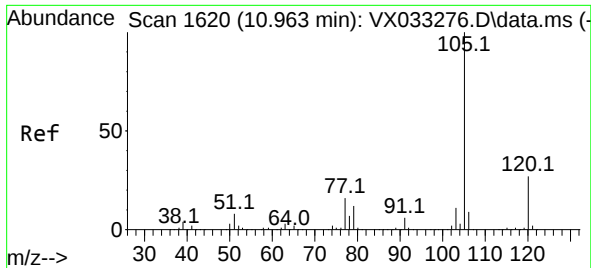


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



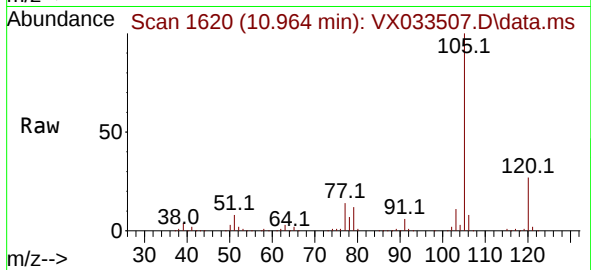
Tgt Ion:152 Resp: 88181
Ion Ratio Lower Upper
152 100
115 70.5 44.0 132.0
150 164.0 0.0 351.8





#73
Isopropylbenzene
Concen: 22.758 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

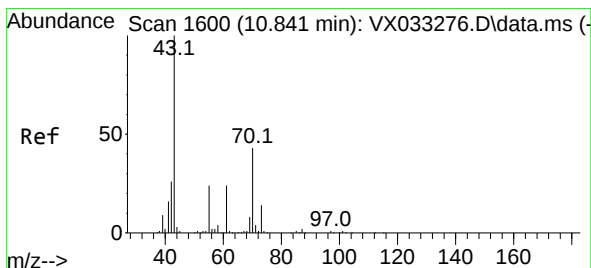
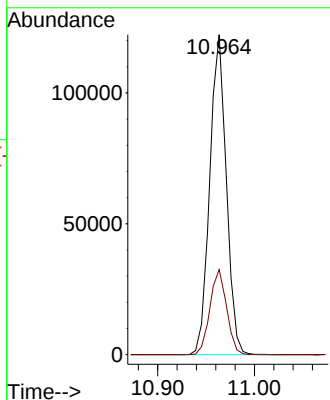
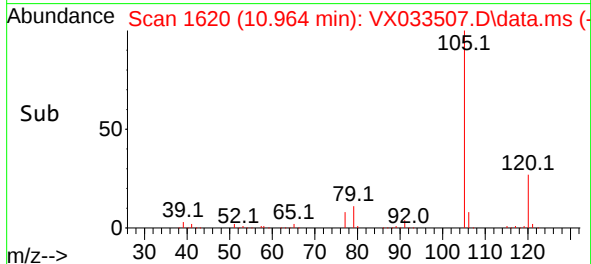
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



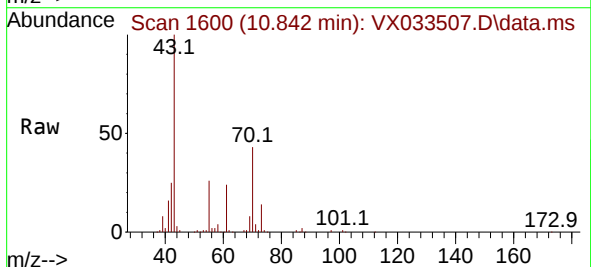
Tgt Ion:105 Resp: 145458
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3

Manual Integrations
APPROVED

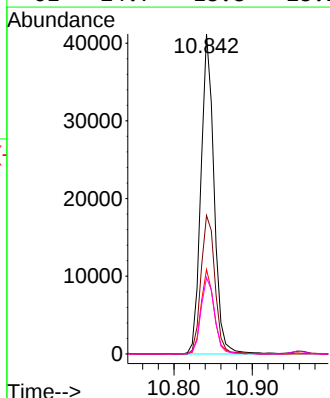
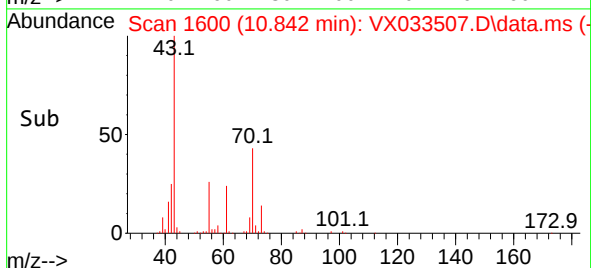
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

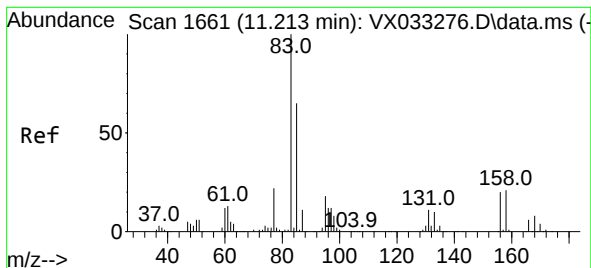


#74
N-ethyl acetate
Concen: 21.921 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



Tgt Ion: 43 Resp: 47802
Ion Ratio Lower Upper
43 100
70 46.2 33.6 50.4
55 26.3 19.4 29.2
61 24.7 18.8 28.2





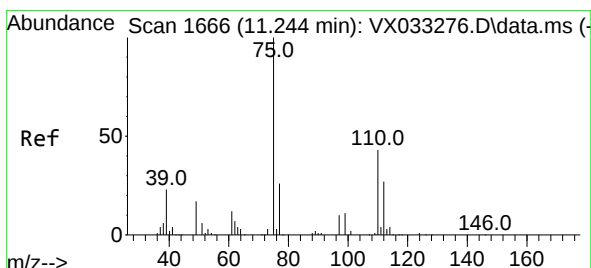
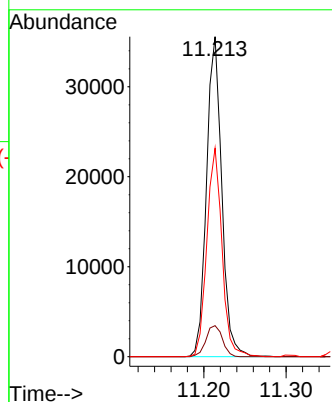
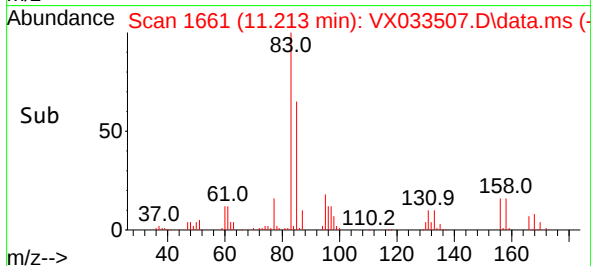
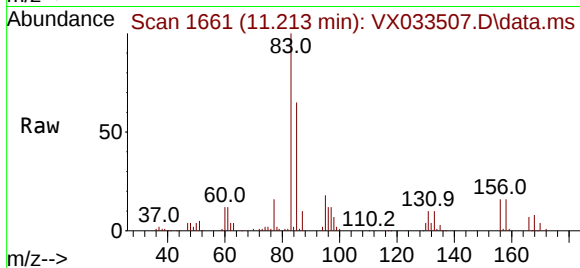
#75
1,1,2,2-Tetrachloroethane
Concen: 22.548 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 83 Resp: 45720
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.9 31.9 95.9

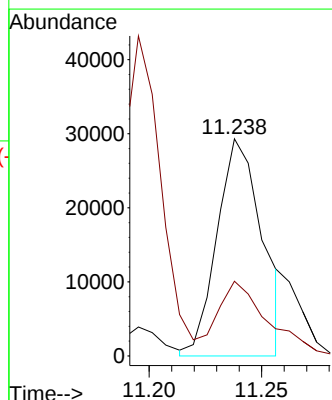
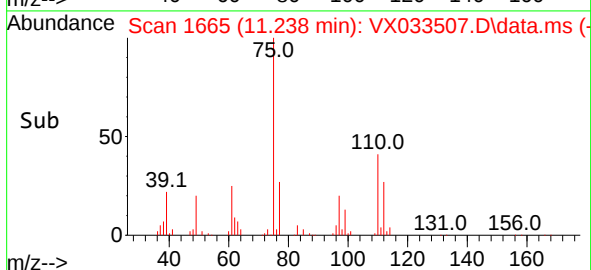
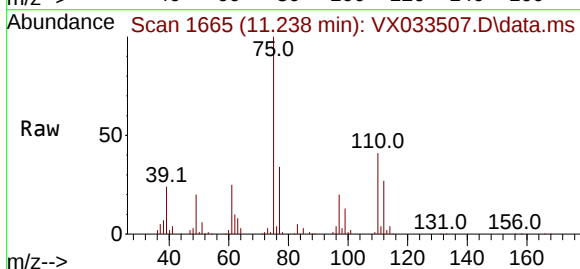
Manual Integrations
APPROVED

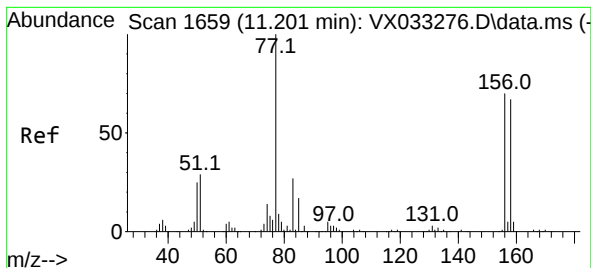
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#76
1,2,3-Trichloropropane
Concen: 22.841 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion: 75 Resp: 40978
Ion Ratio Lower Upper
75 100
77 38.7 20.0 60.0





#77

Bromobenzene

Concen: 22.254 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

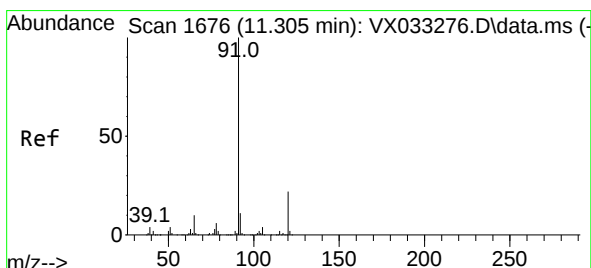
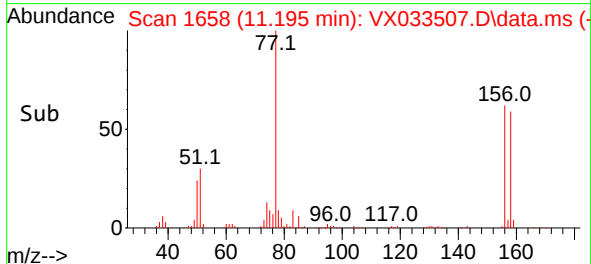
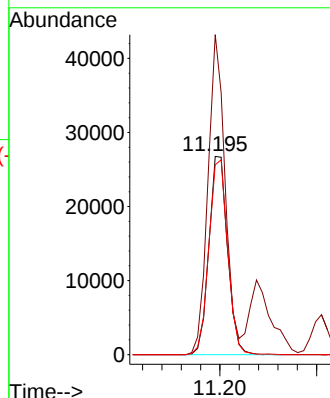
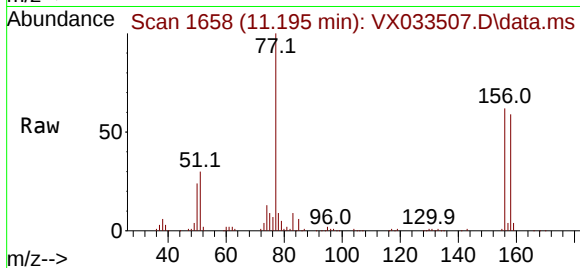
Tgt Ion:	156	Resp:	3591
Ion Ratio	Lower	Upper	
156	100		
77	147.8	76.1	228.4
158	99.0	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#78

n-propylbenzene

Concen: 22.657 ug/l

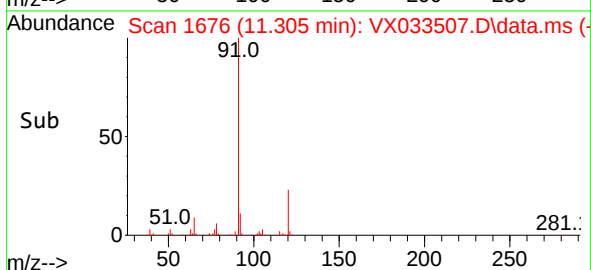
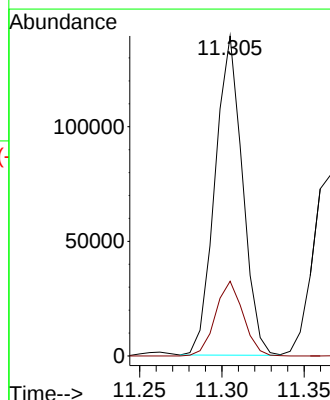
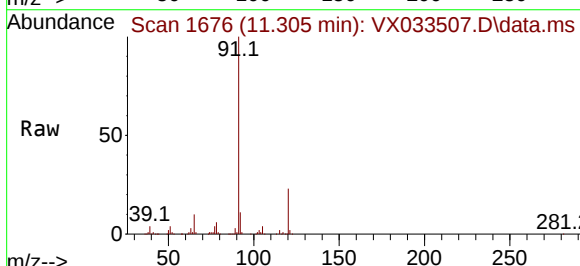
RT: 11.305 min Scan# 1676

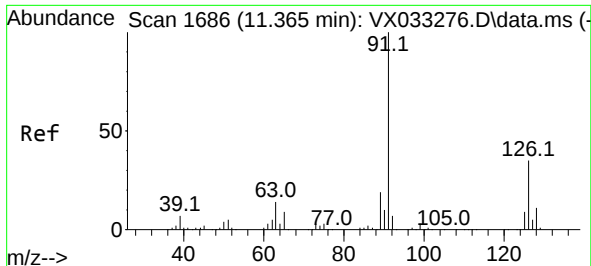
Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Tgt Ion:	91	Resp:	161691
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





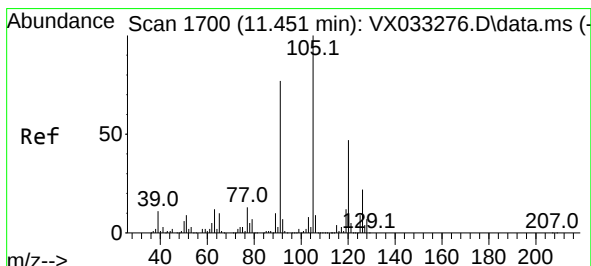
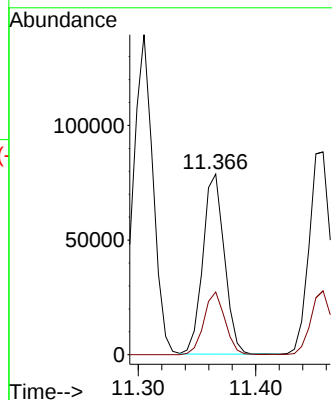
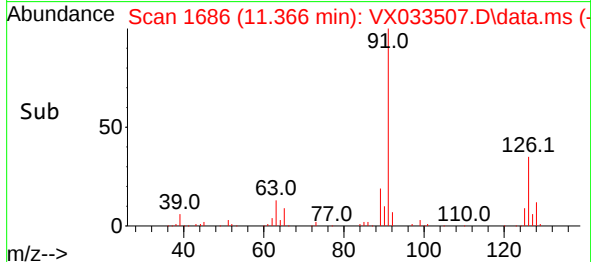
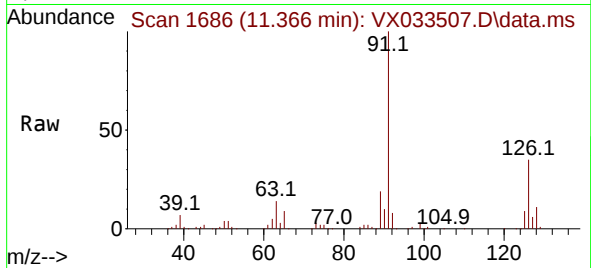
#79
2-Chlorotoluene
Concen: 22.706 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 91 Resp: 10014
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2

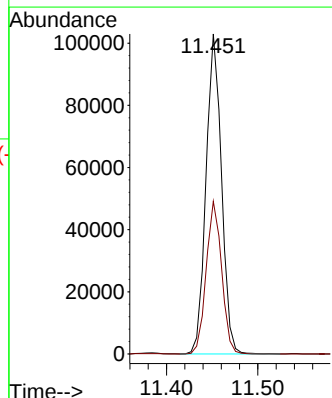
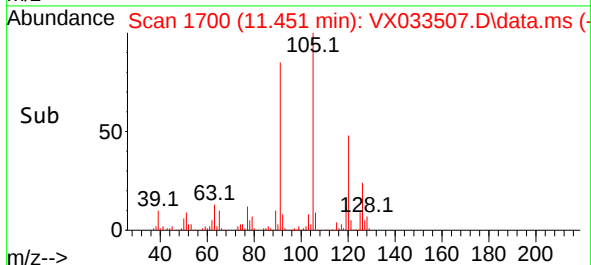
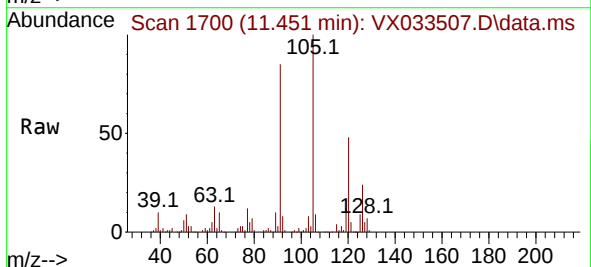
Manual Integrations
APPROVED

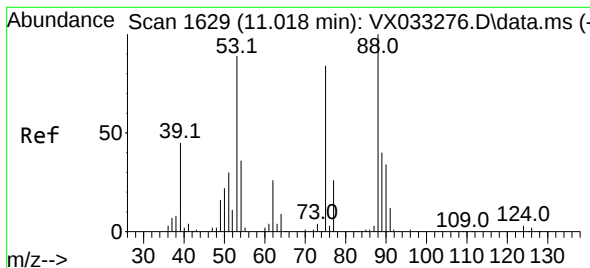
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.764 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Tgt Ion:105 Resp: 121109
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0





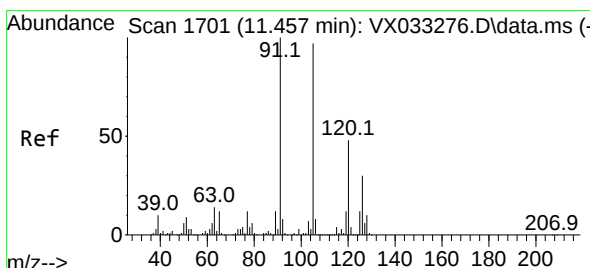
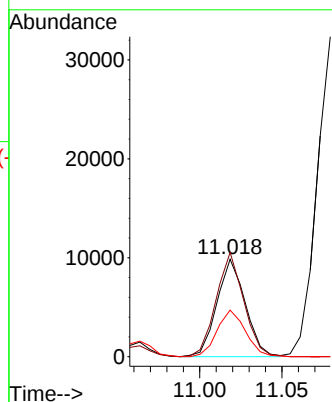
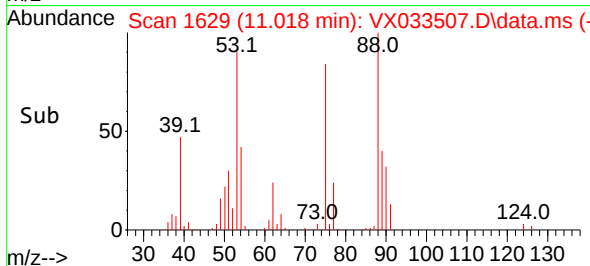
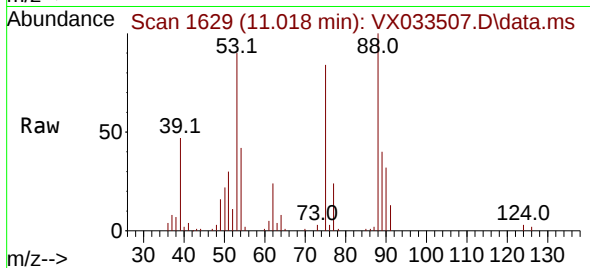
#81
trans-1,4-Dichloro-2-butene
Concen: 20.467 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02

Tgt Ion: 75 Resp: 11804
Ion Ratio Lower Upper
75 100
53 104.2 86.9 130.3
89 47.8 38.3 57.5

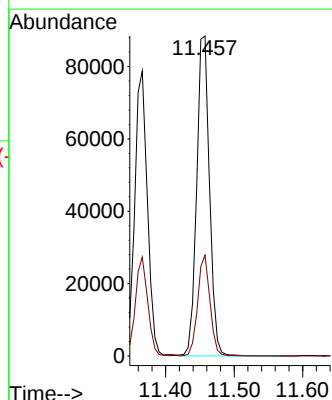
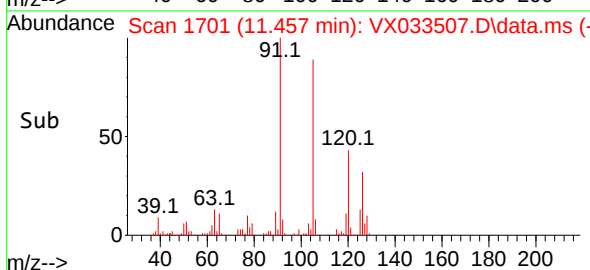
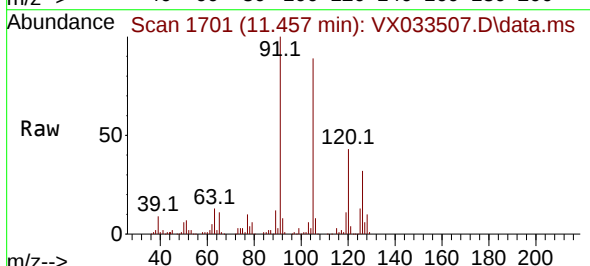
Manual Integrations
APPROVED

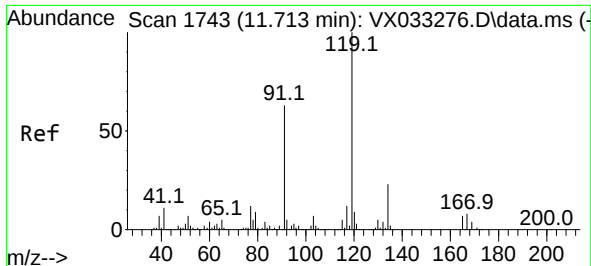
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 22.473 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

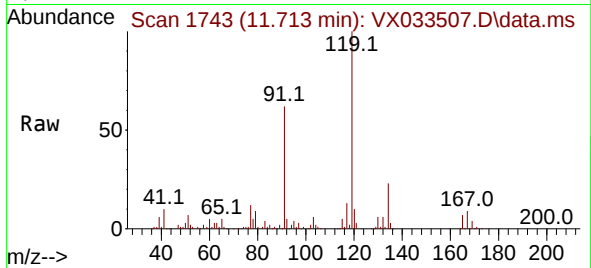
Tgt Ion: 91 Resp: 115255
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.4





#83
tert-Butylbenzene
Concen: 22.514 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

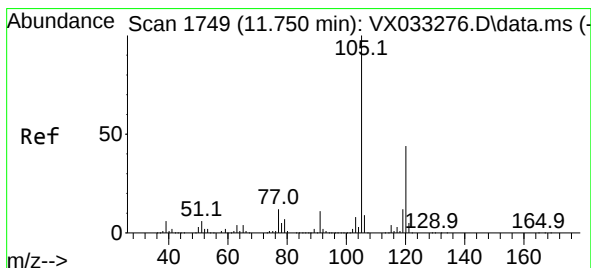
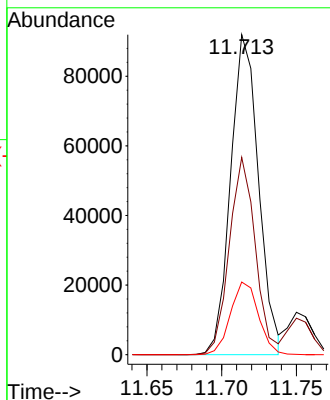
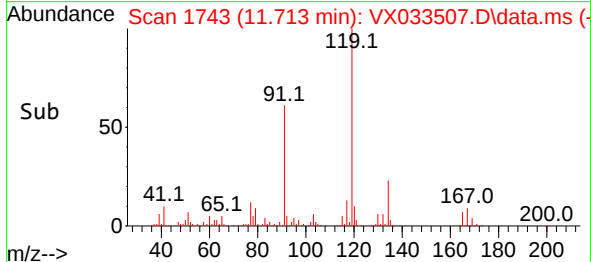
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



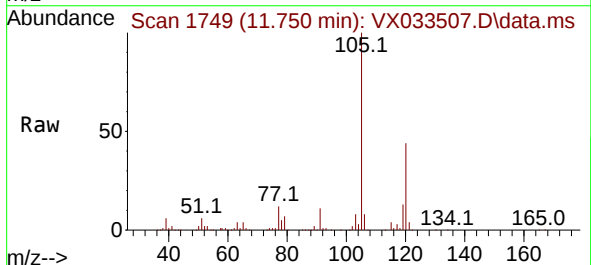
Tgt Ion:119 Resp: 119440
Ion Ratio Lower Upper
119 100
91 57.7 29.4 88.2
134 22.8 11.0 33.0

Manual Integrations
APPROVED

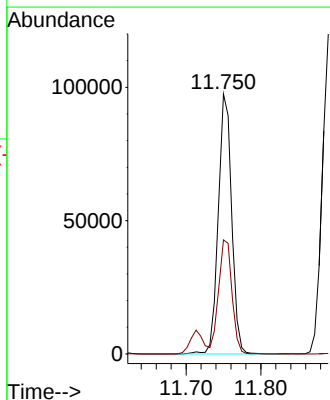
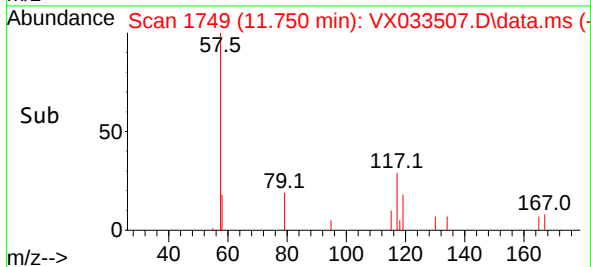
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

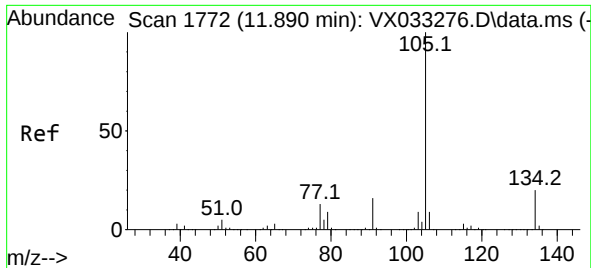


#84
1,2,4-Trimethylbenzene
Concen: 22.857 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



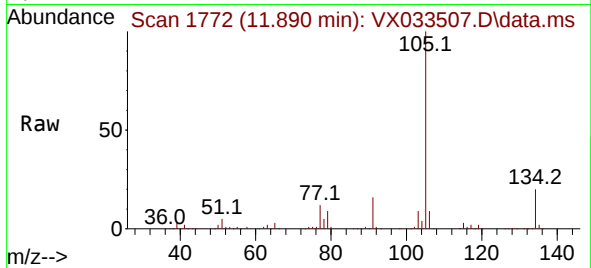
Tgt Ion:105 Resp: 121389
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 23.249 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033507.D
 Acq: 20 Dec 2022 14:54

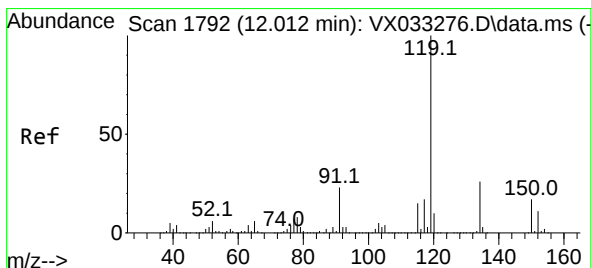
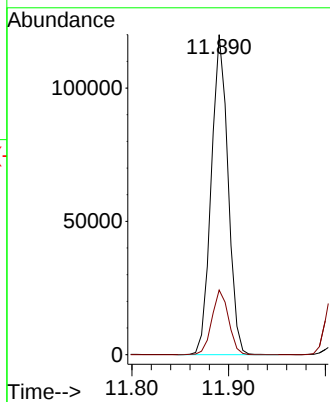
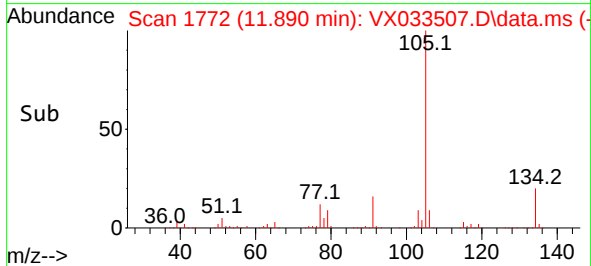
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS02



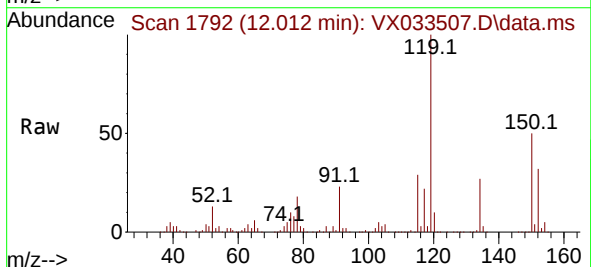
Tgt Ion:105 Resp: 143910
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

Manual Integrations
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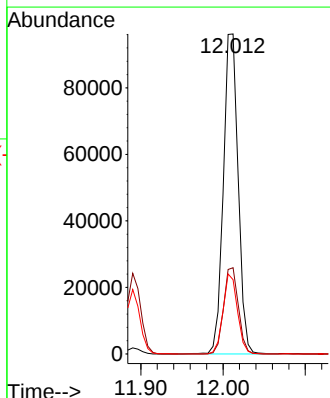
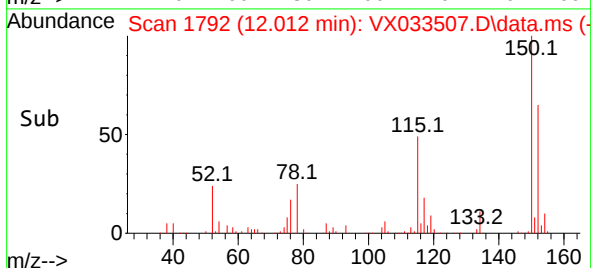
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

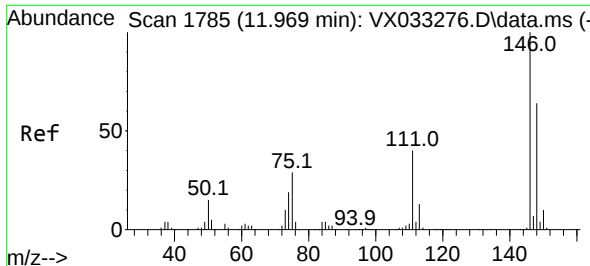


#86
 p-Isopropyltoluene
 Concen: 22.633 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033507.D
 Acq: 20 Dec 2022 14:54



Tgt Ion:119 Resp: 120785
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.7
 91 24.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 22.812 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

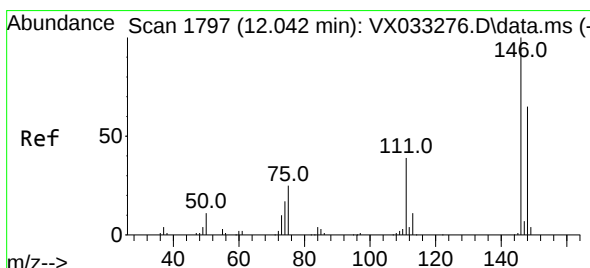
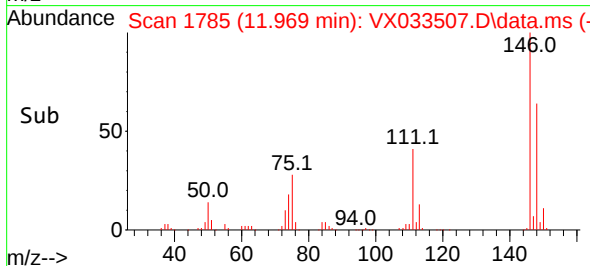
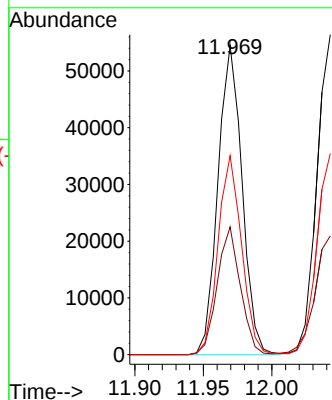
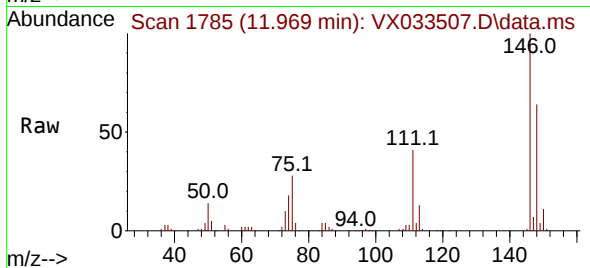
Tgt Ion:146 Resp: 66693
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.6 61.8
 148 62.9 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 22.608 ug/l

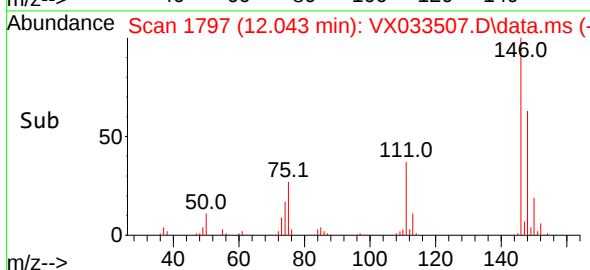
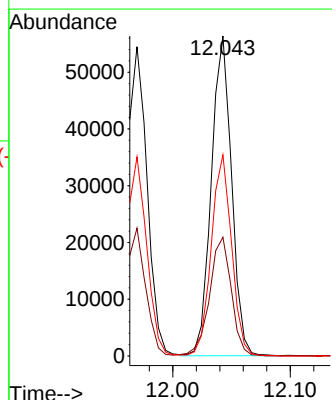
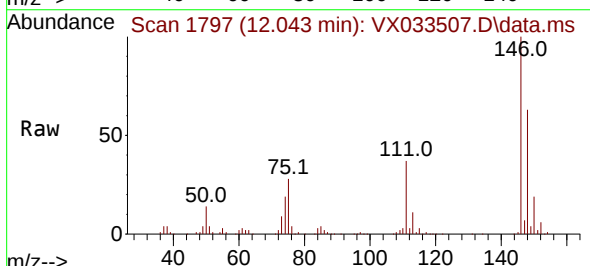
RT: 12.043 min Scan# 1797

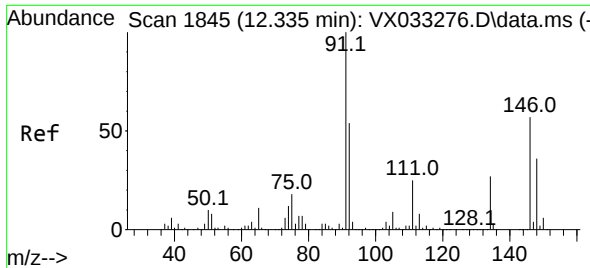
Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

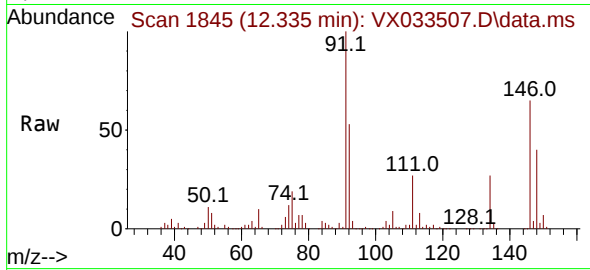
Tgt Ion:146 Resp: 67513
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.5 61.6
 148 63.2 32.2 96.6





#89
n-Butylbenzene
Concen: 22.569 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

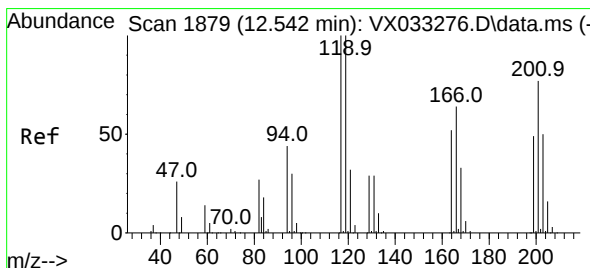
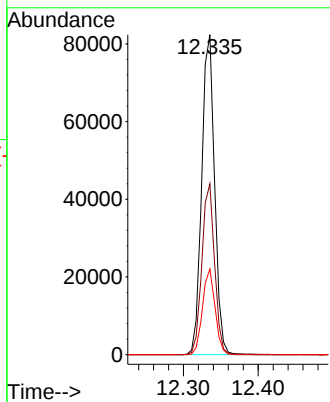
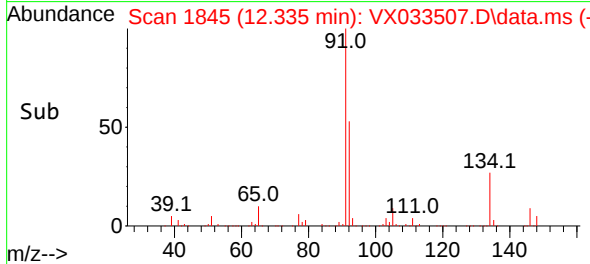
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



Tgt Ion: 91 Resp: 98649
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 26.1 12.9 38.6

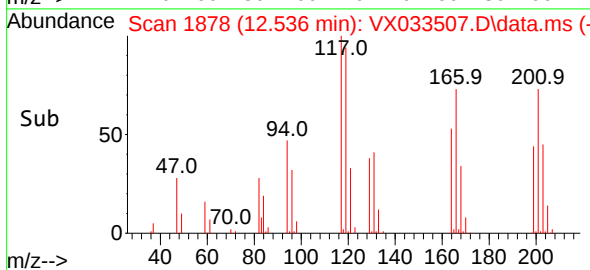
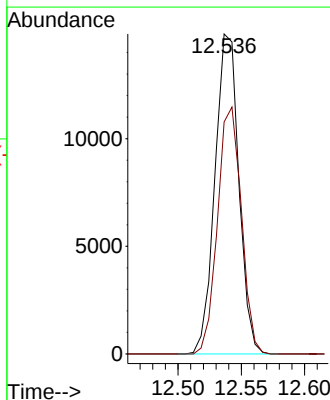
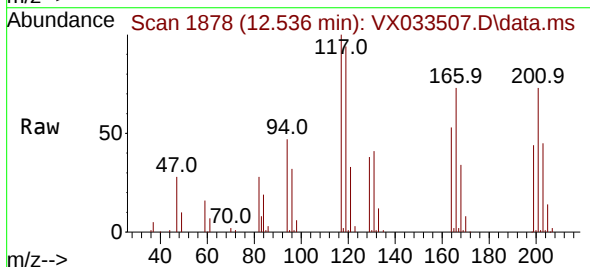
Manual Integrations
APPROVED

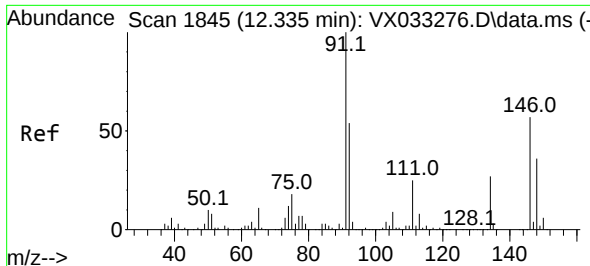
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 21.484 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

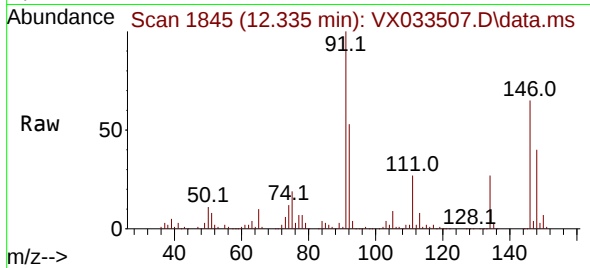
Tgt Ion:117 Resp: 19489
Ion Ratio Lower Upper
117 100
201 76.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 22.537 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

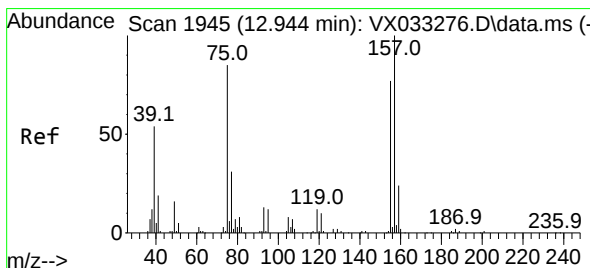
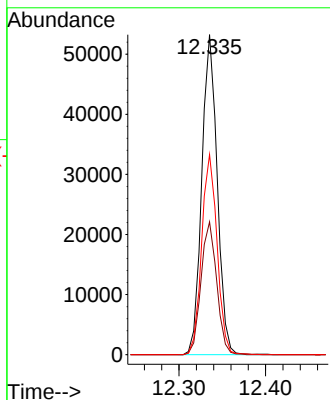
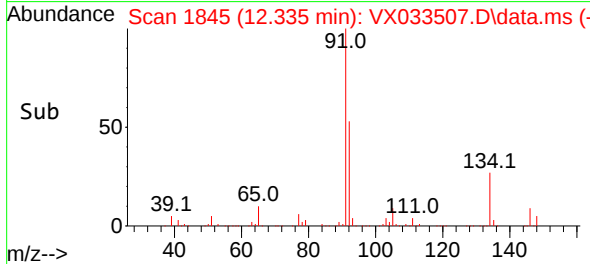
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



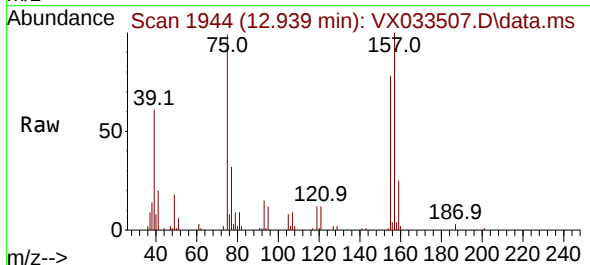
Tgt Ion:146 Resp: 65870
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 62.6 32.0 96.2

Manual Integrations
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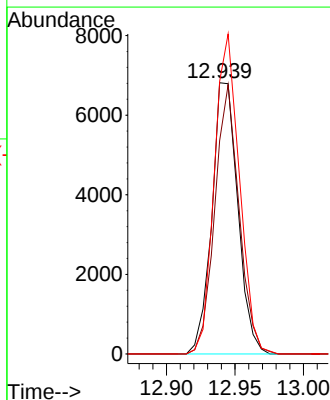
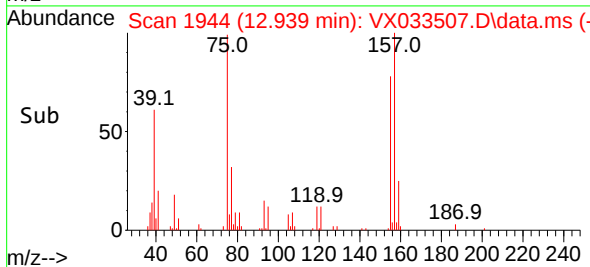
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

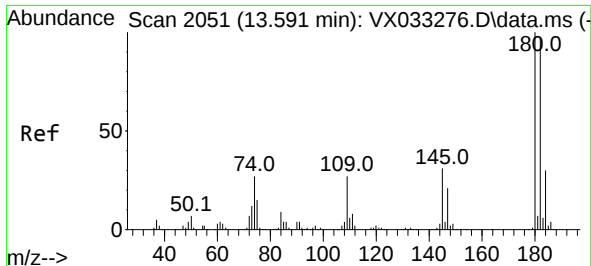


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.476 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



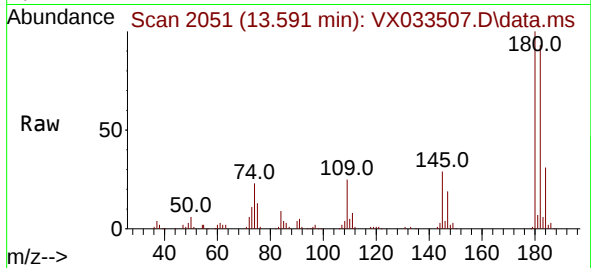
Tgt Ion: 75 Resp: 8968
Ion Ratio Lower Upper
75 100
155 92.7 41.6 124.8
157 114.0 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 22.118 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54

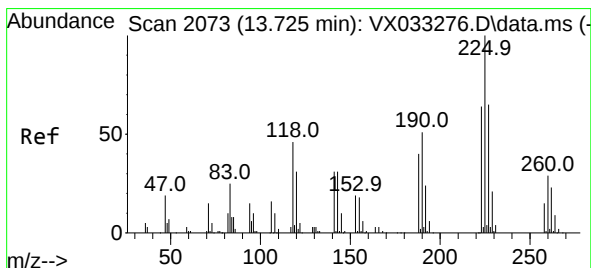
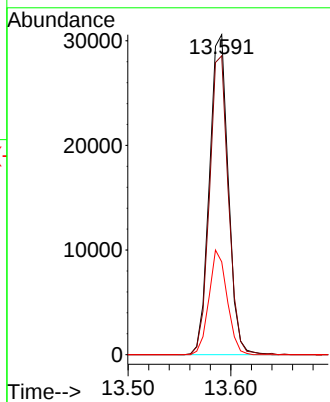
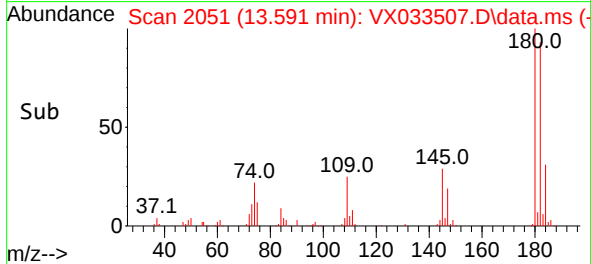
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS02



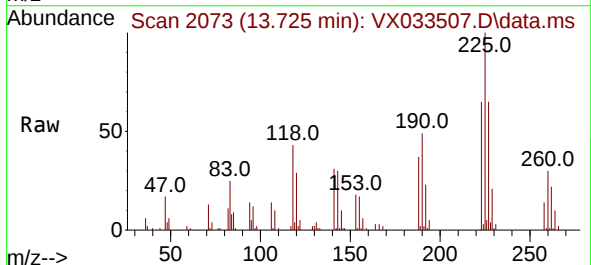
Tgt Ion:180 Resp: 3904
Ion Ratio Lower Upper
180 100
182 93.7 48.4 145.0
145 31.5 16.2 48.5

Manual Integrations
APPROVED

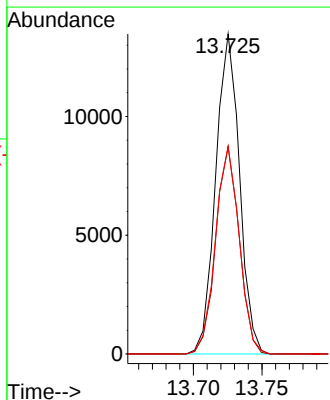
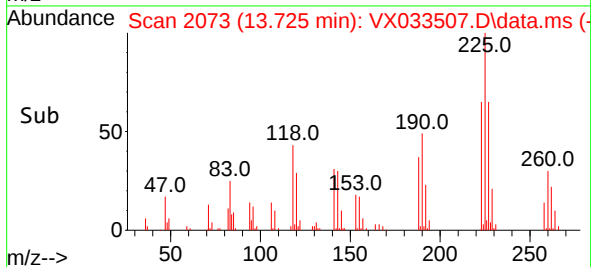
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

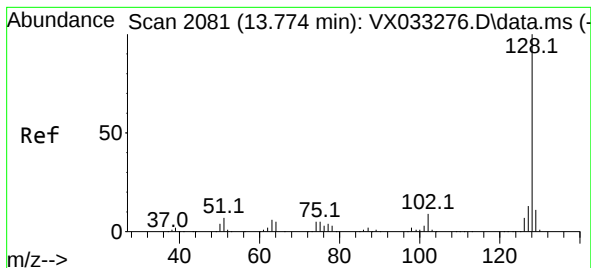


#94
Hexachlorobutadiene
Concen: 22.961 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033507.D
Acq: 20 Dec 2022 14:54



Tgt Ion:225 Resp: 16231
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.9
227 64.9 31.9 95.5





#95

Naphthalene

Concen: 22.357 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS02

Tgt Ion:128 Resp: 131648

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

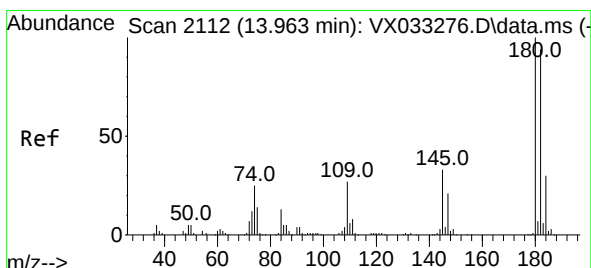
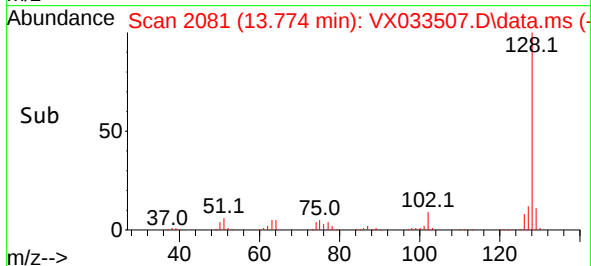
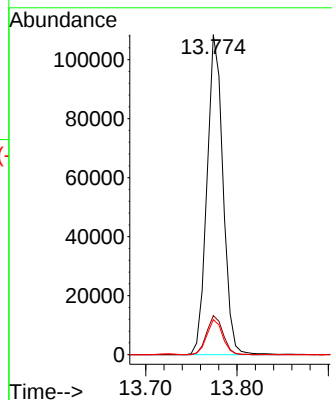
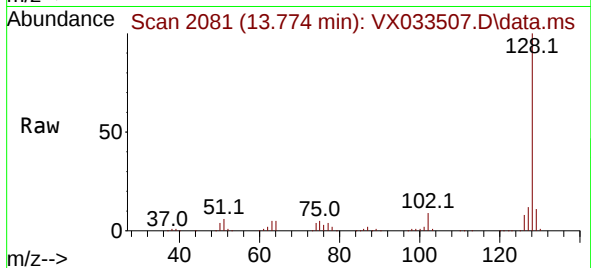
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 21.641 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033507.D

Acq: 20 Dec 2022 14:54

Tgt Ion:180 Resp: 38691

Ion Ratio Lower Upper

180 100

182 98.2 47.5 142.6

145 34.0 16.9 50.6

