

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033463.D
 Acq On : 16 Dec 2022 16:14
 Operator : JC/MD
 Sample : VX1216WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:10:21 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	132649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38371	45.090	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.180%		
35) Dibromofluoromethane	5.385	113	43883	47.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.260%		
50) Toluene-d8	8.647	98	94792	49.185	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.380%		
62) 4-Bromofluorobenzene	11.079	95	77863	52.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17803	19.213	ug/l	98
3) Chloromethane	1.294	50	18813	17.560	ug/l	99
4) Vinyl Chloride	1.374	62	21567	17.630	ug/l	99
5) Bromomethane	1.618	94	14966	16.671	ug/l	97
6) Chloroethane	1.691	64	13020	14.032	ug/l	95
7) Trichlorofluoromethane	1.892	101	32389	14.103	ug/l	100
8) Diethyl Ether	2.130	74	11883	14.325	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	25869	21.234	ug/l	98
10) Methyl Iodide	2.453	142	24941	18.692	ug/l	99
11) Tert butyl alcohol	2.989	59	22173m	85.223	ug/l	
12) 1,1-Dichloroethene	2.325	96	23131	19.235	ug/l	95
13) Acrolein	2.239	56	18599	65.913	ug/l	99
14) Allyl chloride	2.666	41	35517	18.494	ug/l	97
15) Acrylonitrile	3.062	53	62454	96.905	ug/l	99
16) Acetone	2.386	43	57410	91.169	ug/l	100
17) Carbon Disulfide	2.514	76	51206	16.590	ug/l	99
18) Methyl Acetate	2.703	43	37301	20.462	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	84063	20.180	ug/l	99
20) Methylene Chloride	2.788	84	27218	19.381	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	25275	19.213	ug/l	100
22) Diisopropyl ether	3.757	45	82340	20.012	ug/l	92
23) Vinyl Acetate	3.721	43	312545	97.865	ug/l	98
24) 1,1-Dichloroethane	3.611	63	46147	19.088	ug/l	99
25) 2-Butanone	4.556	43	88246	97.628	ug/l	99
26) 2,2-Dichloropropane	4.477	77	36083	20.296	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	30651	19.496	ug/l	98
28) Bromochloromethane	4.897	49	19095	18.868	ug/l	95
29) Tetrahydrofuran	5.007	42	55967	95.566	ug/l	98
30) Chloroform	5.093	83	53576	19.962	ug/l	98
31) Cyclohexane	5.471	56	39511	19.536	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	46889	20.305	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37330	20.783	ug/l	99
37) Ethyl Acetate	4.708	43	34009	20.030	ug/l	99
38) Carbon Tetrachloride	5.678	117	41040	20.393	ug/l	99
39) Methylcyclohexane	7.379	83	43662	21.717	ug/l	97
40) Benzene	6.037	78	108704	20.757	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19530	20.874	ug/l	96
42) 1,2-Dichloroethane	6.086	62	42565	20.468	ug/l	99
43) Isopropyl Acetate	6.336	43	55784	20.419	ug/l	98
44) Trichloroethene	7.129	130	30109	20.852	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27342	20.415	ug/l	99
46) Dibromomethane	7.580	93	21025	20.607	ug/l	97
47) Bromodichloromethane	7.818	83	40352	20.289	ug/l	97
48) Methyl methacrylate	7.690	41	28960	20.540	ug/l	92
49) 1,4-Dioxane	7.690	88	11628	361.664	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	183480	106.204	ug/l	97
52) Toluene	8.720	92	73816	21.800	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	40331	20.436	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	43852	20.720	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	30793	21.634	ug/l	96
56) Ethyl methacrylate	9.116	69	42419	21.167	ug/l	93
57) 1,3-Dichloropropane	9.305	76	49327	21.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	96333	105.057	ug/l	98
59) 2-Hexanone	9.427	43	139751	109.768	ug/l	97
60) Dibromochloromethane	9.519	129	32521	20.738	ug/l	98
61) 1,2-Dibromoethane	9.610	107	32801	21.665	ug/l	99
64) Tetrachloroethene	9.275	164	27625	20.765	ug/l	96
65) Chlorobenzene	10.079	112	82979	21.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31046	20.852	ug/l	99
67) Ethyl Benzene	10.195	91	146666	21.368	ug/l	98
68) m/p-Xylenes	10.299	106	114637	42.927	ug/l	97
69) o-Xylene	10.640	106	55515	21.031	ug/l	97
70) Styrene	10.653	104	93104	21.536	ug/l	97
71) Bromoform	10.799	173	23241	19.720	ug/l #	100
73) Isopropylbenzene	10.963	105	146927	20.645	ug/l	99
74) N-amyl acetate	10.842	43	49008	20.184	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	46507	20.599	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	41341m	20.695	ug/l	
77) Bromobenzene	11.195	156	36704	20.424	ug/l	98
78) n-propylbenzene	11.305	91	166845	20.996	ug/l	99
79) 2-Chlorotoluene	11.366	91	101261	20.619	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	125086	21.115	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11608	18.076	ug/l	98
82) 4-Chlorotoluene	11.451	91	116381	20.380	ug/l	98
83) tert-Butylbenzene	11.713	119	122255	20.695	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	122884	20.781	ug/l	100
85) sec-Butylbenzene	11.890	105	150151	21.785	ug/l	99
86) p-Isopropyltoluene	12.012	119	126338	21.261	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	68965	21.185	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	68774	20.683	ug/l	99
89) n-Butylbenzene	12.335	91	105899	21.759	ug/l	98
90) Hexachloroethane	12.536	117	19645	19.449	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	67305	20.680	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8754	17.950	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	40353	20.529	ug/l	99
94) Hexachlorobutadiene	13.725	225	17961	22.819	ug/l	98
95) Naphthalene	13.774	128	135779	20.709	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	40838	20.514	ug/l	99

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MSVOA_X
ClientSampleId :
VX1216WBSD02

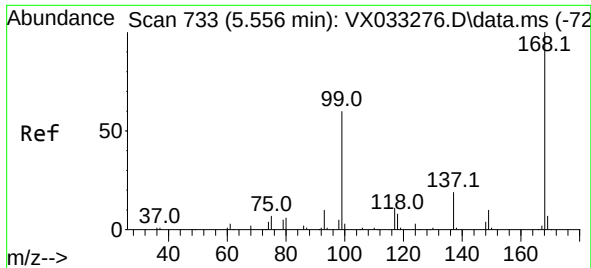
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
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Response via : Initial Calibration

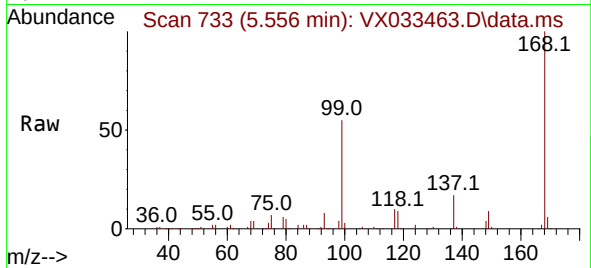
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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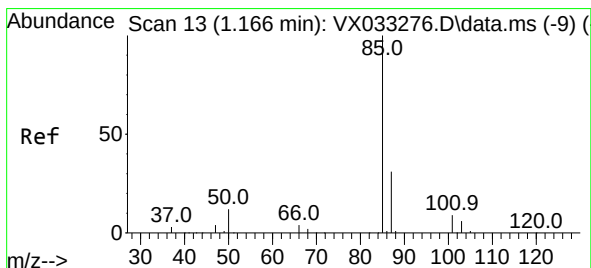
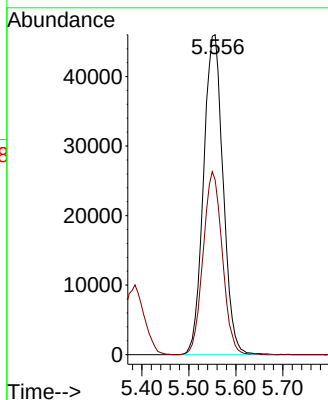
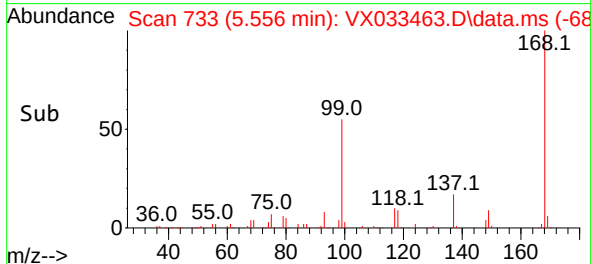
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



Tgt Ion:168 Resp: 132649
Ion Ratio Lower Upper
168 100
99 54.6 46.1 69.1

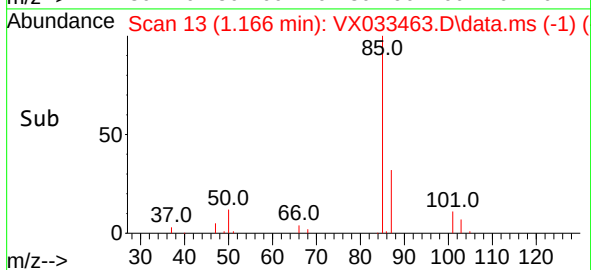
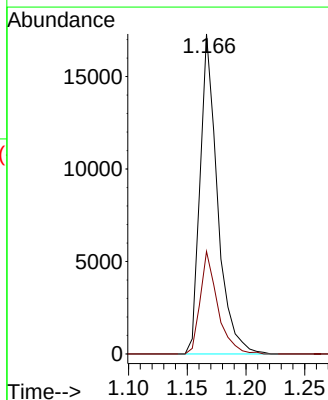
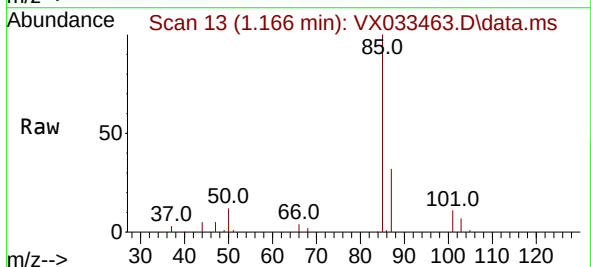
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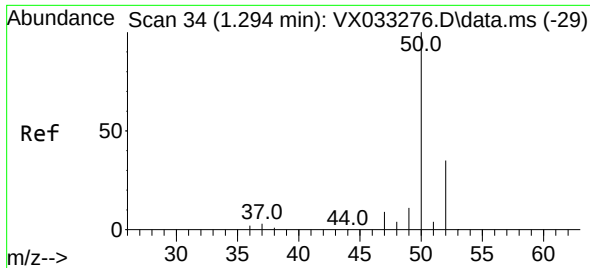
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#2
Dichlorodifluoromethane
Concen: 19.213 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 85 Resp: 17803
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.7





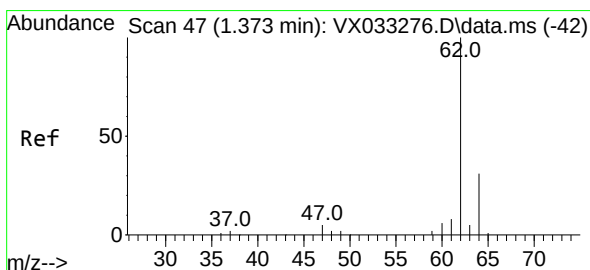
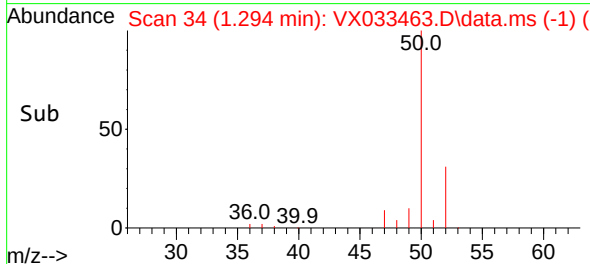
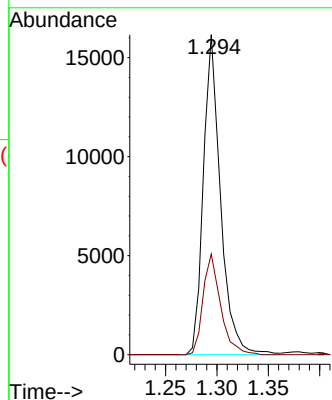
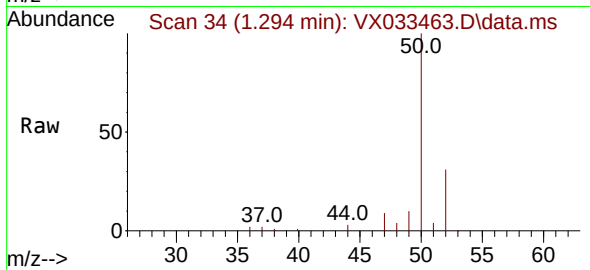
#3
Chloromethane
Concen: 17.560 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
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VX1216WBSD02

Tgt Ion: 50 Resp: 1881
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

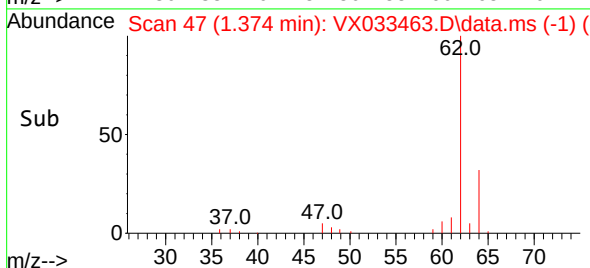
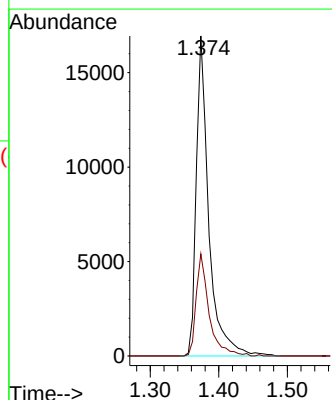
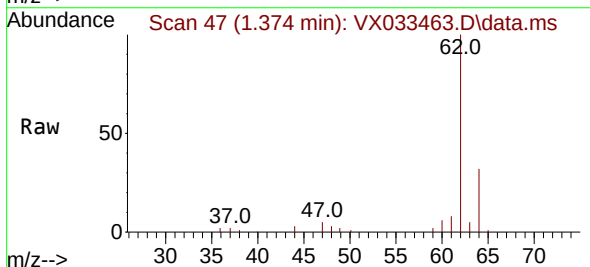
Manual Integrations
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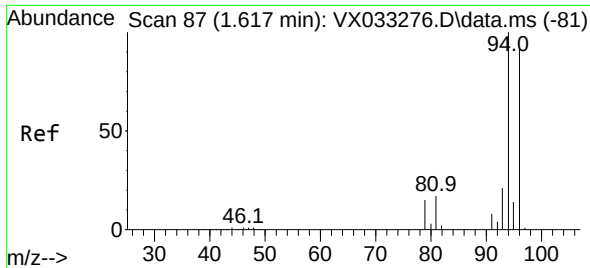
Reviewed By :John Carlone 12/19/2022
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#4
Vinyl Chloride
Concen: 17.630 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 62 Resp: 21567
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





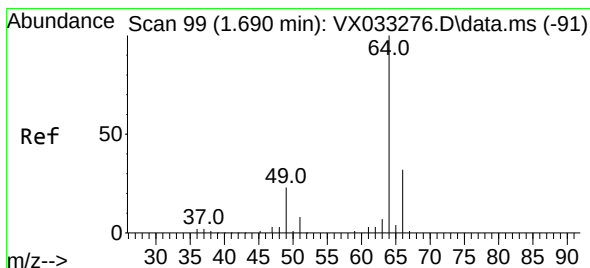
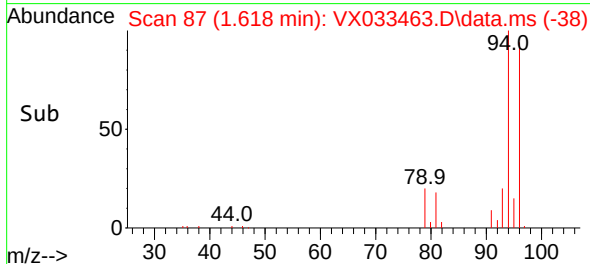
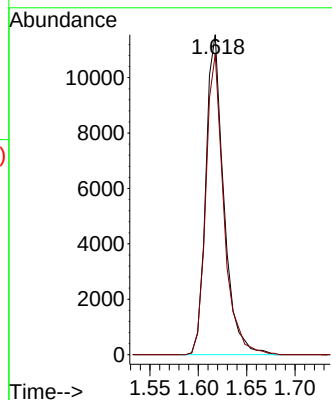
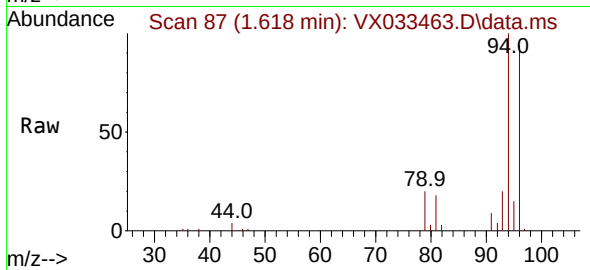
#5
Bromomethane
Concen: 16.671 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion: 94 Resp: 1496
Ion Ratio Lower Upper
94 100
96 93.9 77.6 116.4

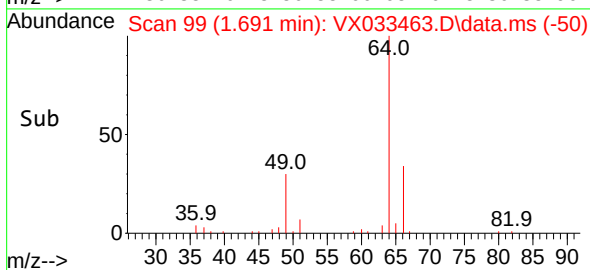
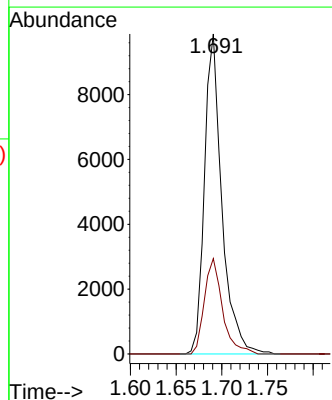
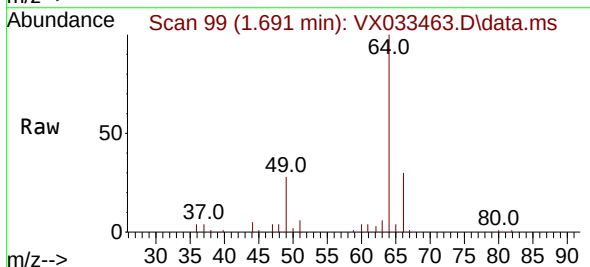
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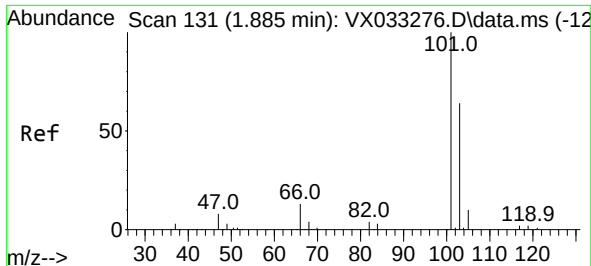
Reviewed By :John Carlone 12/19/2022
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#6
Chloroethane
Concen: 14.032 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033463.D
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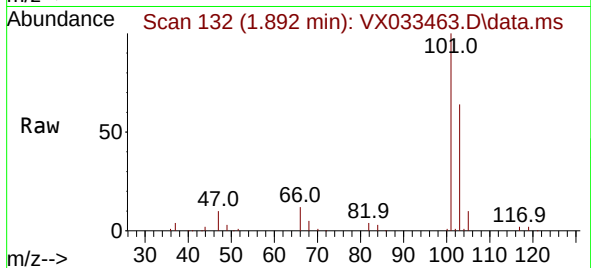
Tgt Ion: 64 Resp: 13020
Ion Ratio Lower Upper
64 100
66 29.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 14.103 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

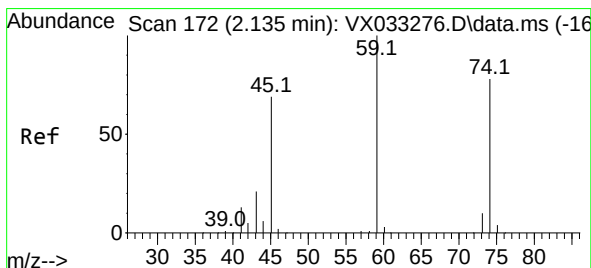
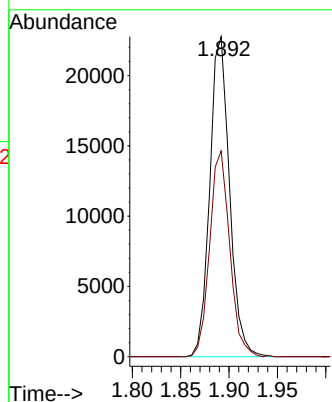
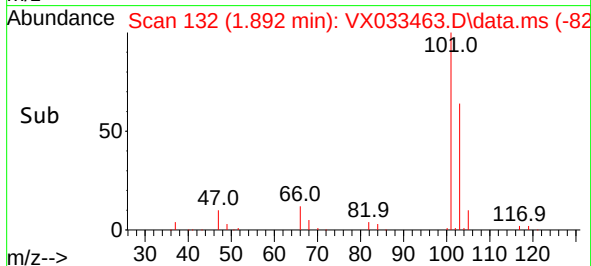
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 32389
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

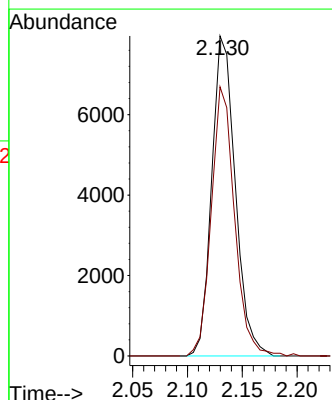
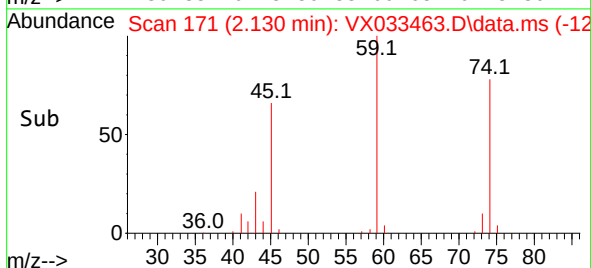
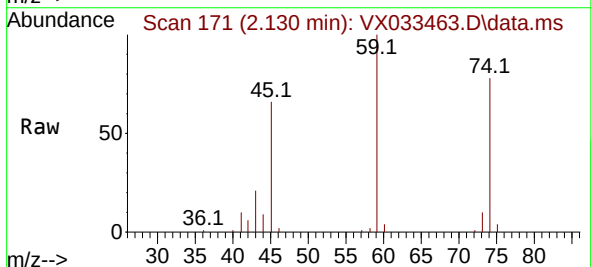
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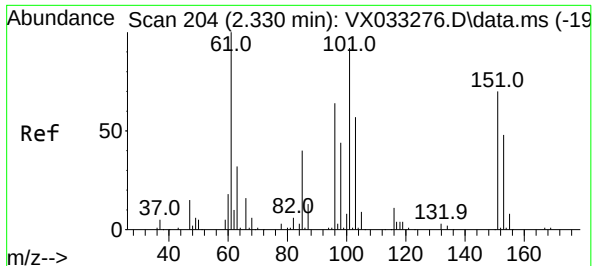
Reviewed By :John Carlone 12/19/2022
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#8
Diethyl Ether
Concen: 14.325 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 74 Resp: 11883
Ion Ratio Lower Upper
74 100
45 83.2 46.6 139.7





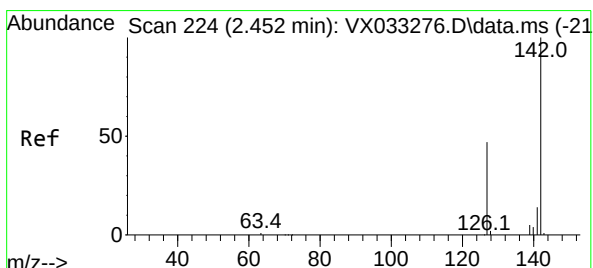
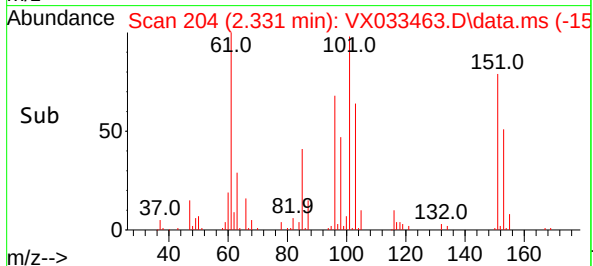
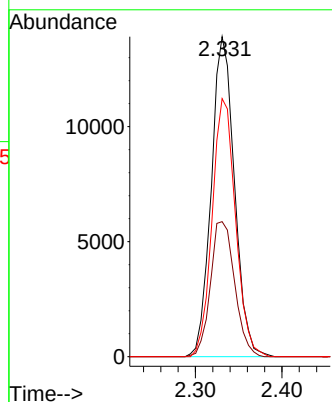
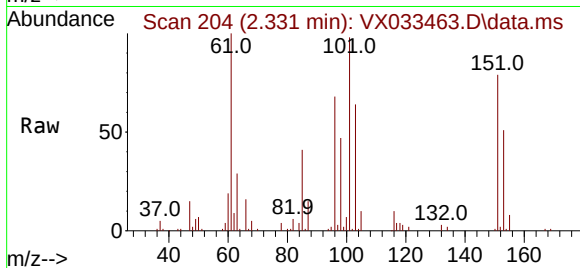
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.234 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033463.D
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 ClientSampleId :
 VX1216WBSD02

Tgt Ion:101 Resp: 25869
 Ion Ratio Lower Upper
 101 100
 85 44.1 37.0 55.4
 151 81.3 64.4 96.6

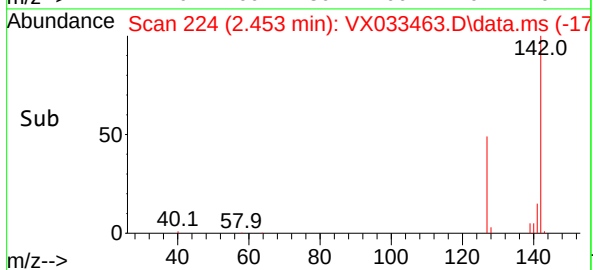
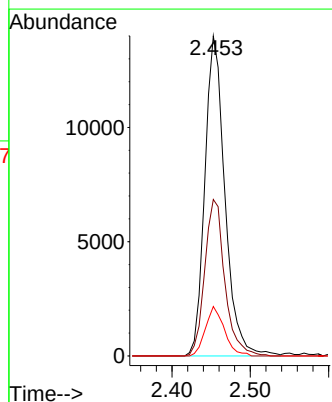
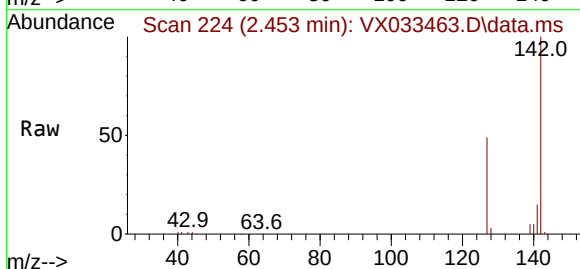
Manual Integrations
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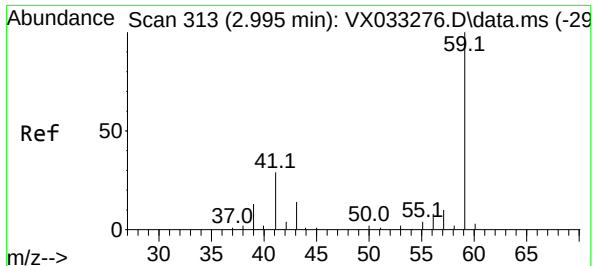
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#10
 Methyl Iodide
 Concen: 18.692 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.000 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14

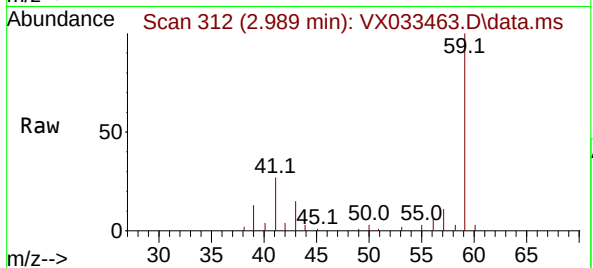
Tgt Ion:142 Resp: 24941
 Ion Ratio Lower Upper
 142 100
 127 48.8 38.6 57.8
 141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 85.223 ug/l m
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

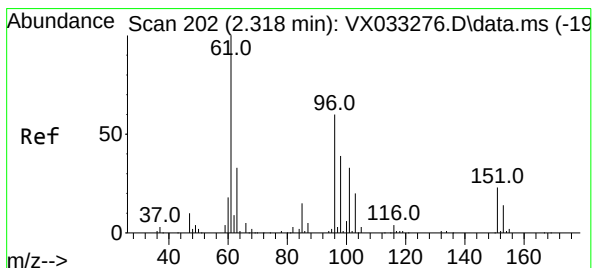
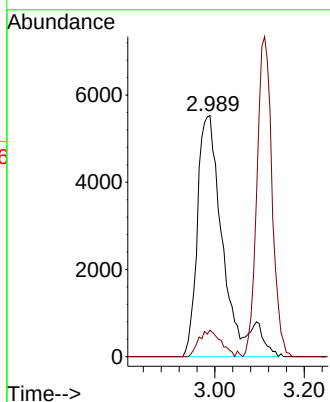
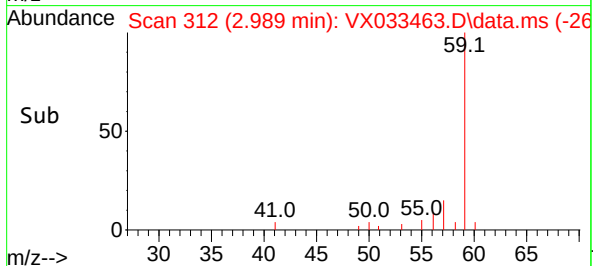
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



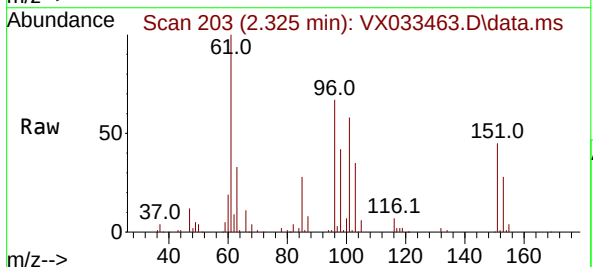
Tgt Ion: 59 Resp: 2217
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4

Manual Integrations
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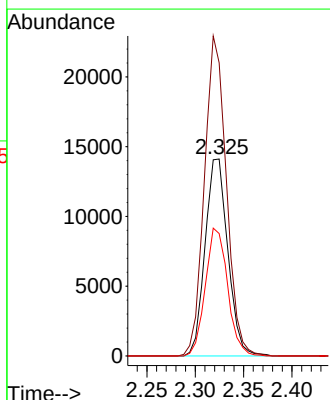
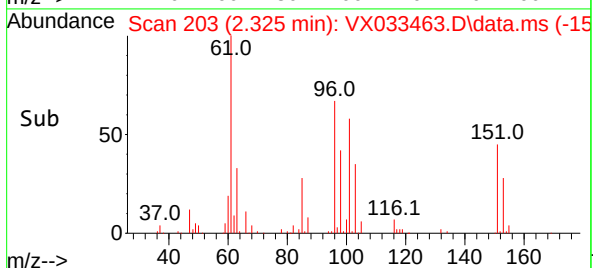
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

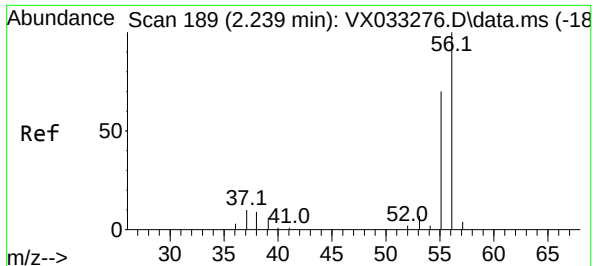


#12
1,1-Dichloroethene
Concen: 19.235 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



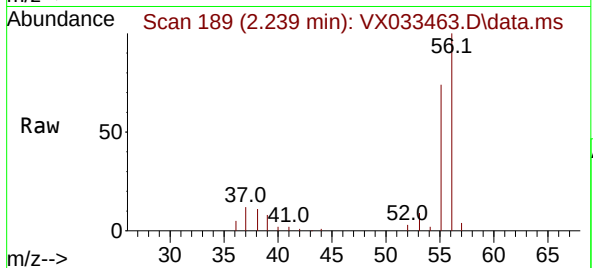
Tgt Ion: 96 Resp: 23131
Ion Ratio Lower Upper
96 100
61 148.8 125.1 187.7
98 62.1 50.6 76.0





#13
Acrolein
Concen: 65.913 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

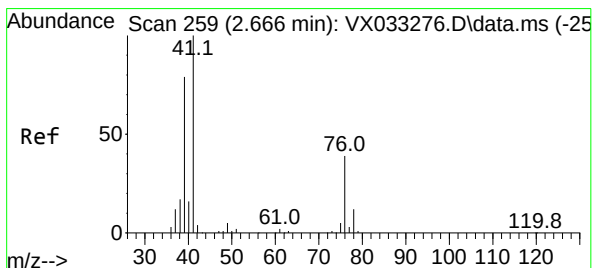
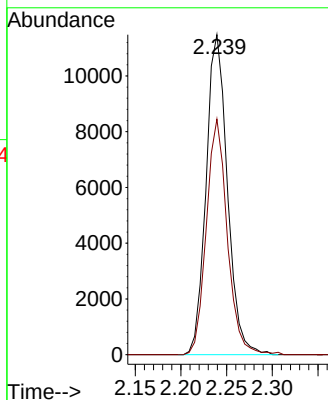
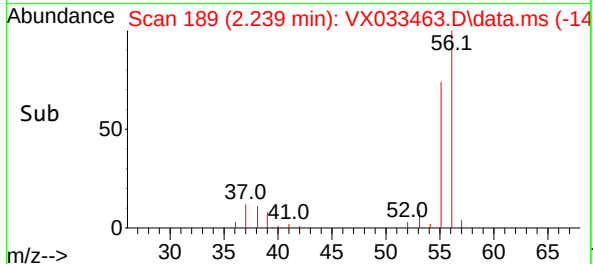
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



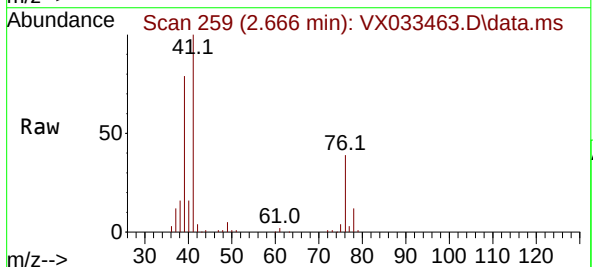
Tgt Ion: 56 Resp: 1859
Ion Ratio Lower Upper
56 100
55 72.3 56.9 85.3

Manual Integrations
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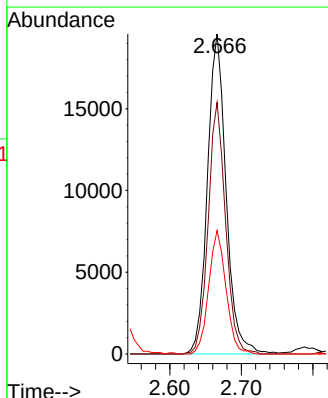
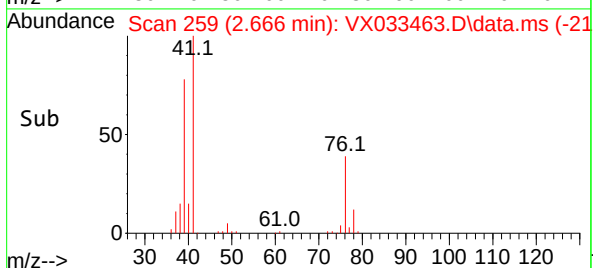
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

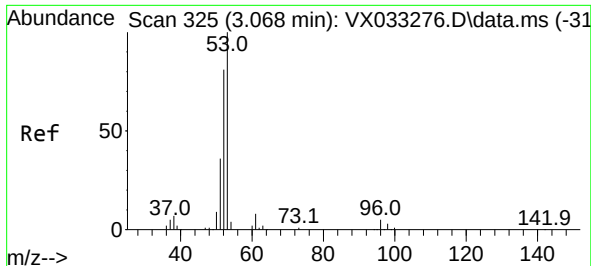


#14
Allyl chloride
Concen: 18.494 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



Tgt Ion: 41 Resp: 35517
Ion Ratio Lower Upper
41 100
39 73.0 61.4 92.2
76 35.6 29.2 43.8





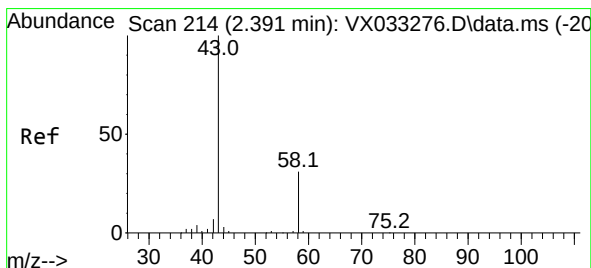
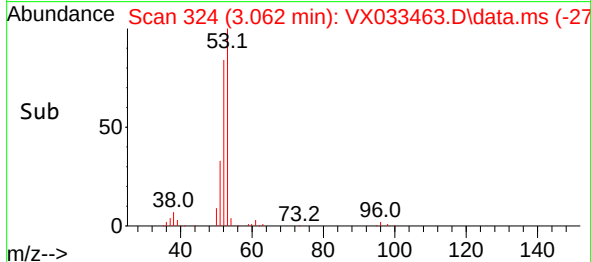
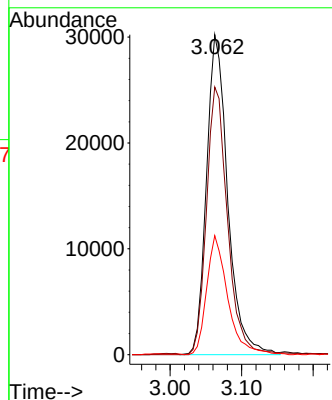
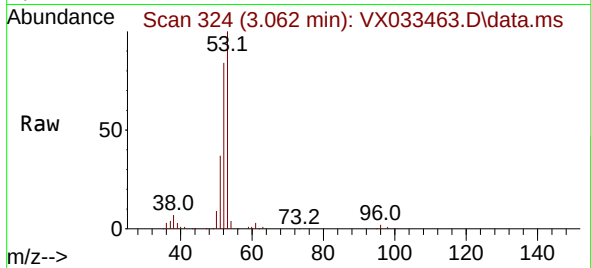
#15
Acrylonitrile
Concen: 96.905 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion: 53 Resp: 62454
Ion Ratio Lower Upper
53 100
52 83.0 67.4 101.0
51 36.9 30.3 45.5

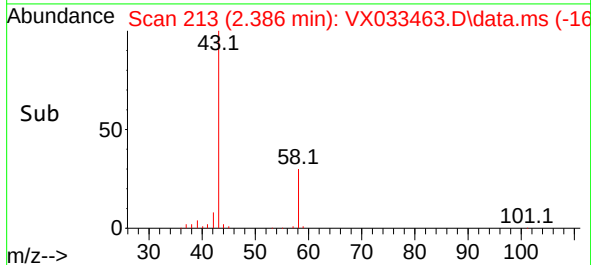
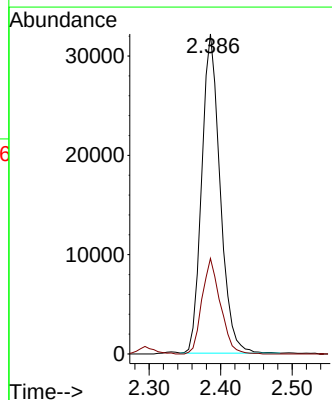
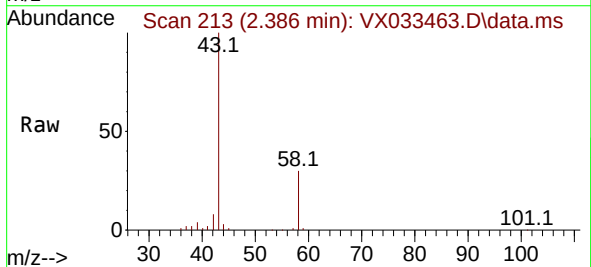
Manual Integrations
APPROVED

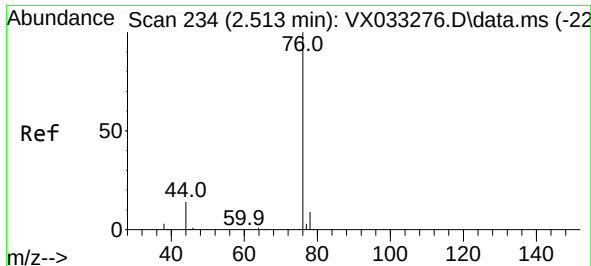
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Acetone
Concen: 91.169 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 43 Resp: 57410
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.8





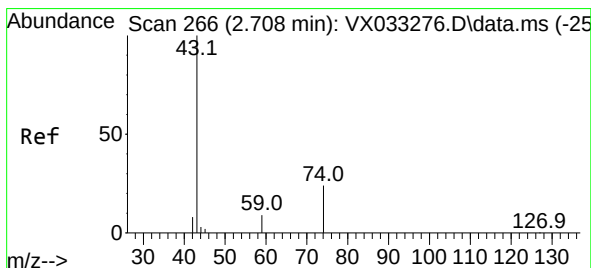
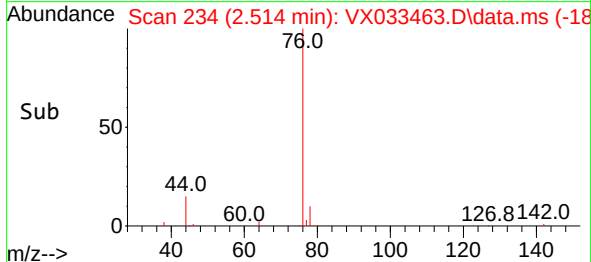
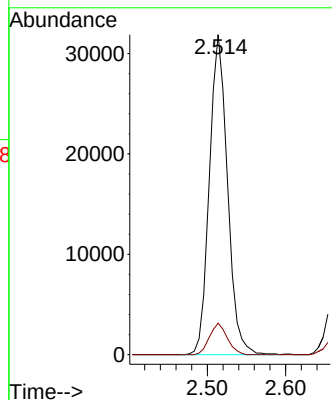
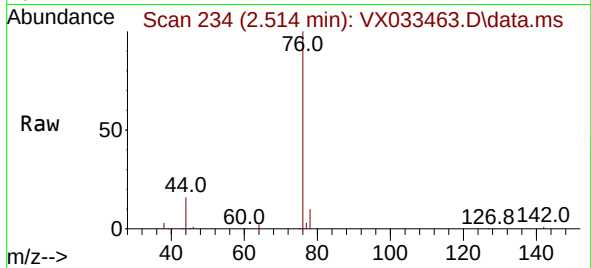
#17
Carbon Disulfide
Concen: 16.590 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion: 76 Resp: 51200
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3

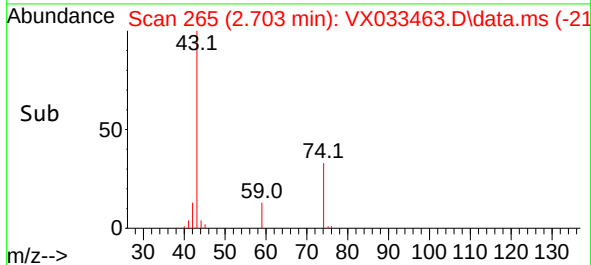
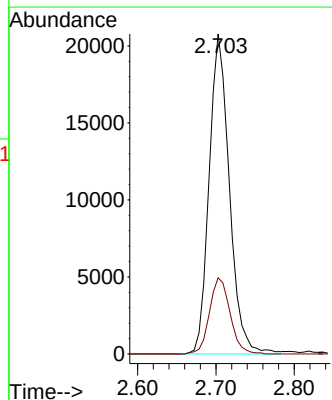
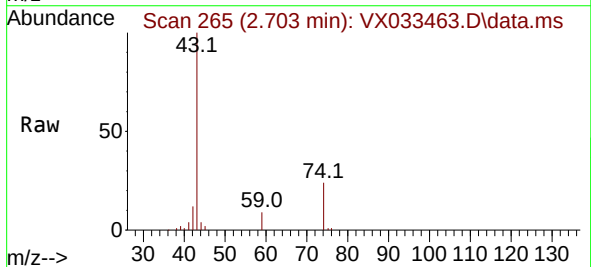
Manual Integrations
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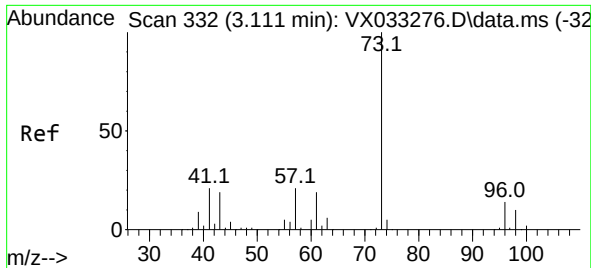
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#18
Methyl Acetate
Concen: 20.462 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 43 Resp: 37301
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0





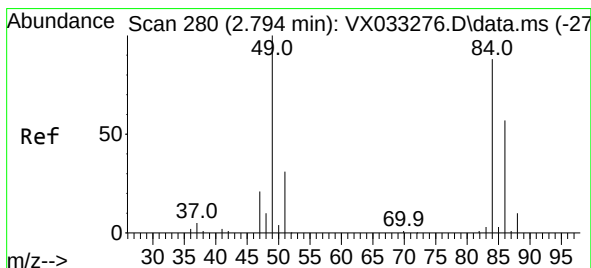
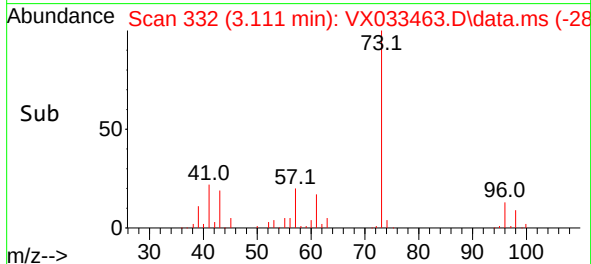
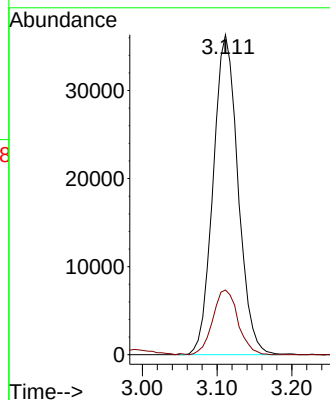
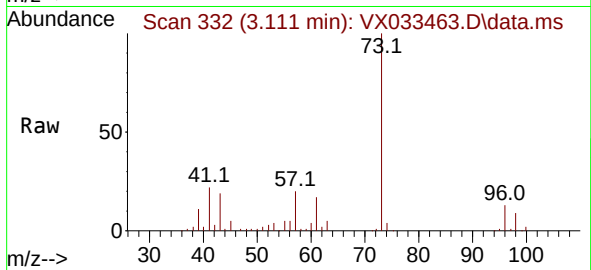
#19
Methyl tert-butyl Ether
Concen: 20.180 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion: 73 Resp: 8406
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

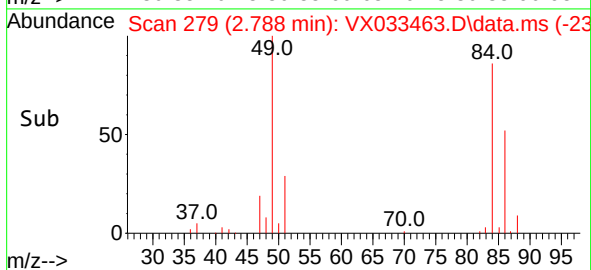
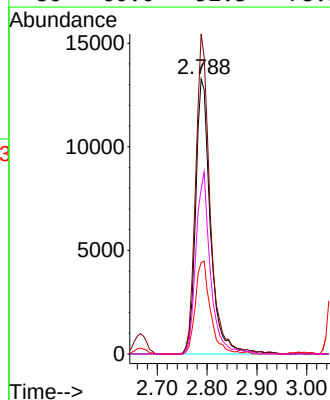
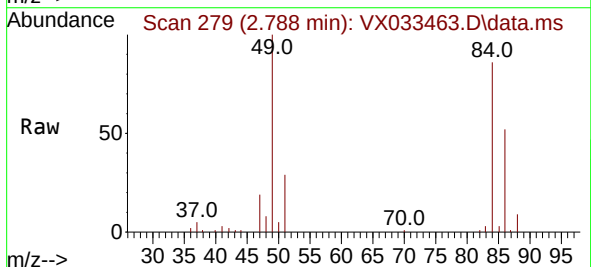
Manual Integrations
APPROVED

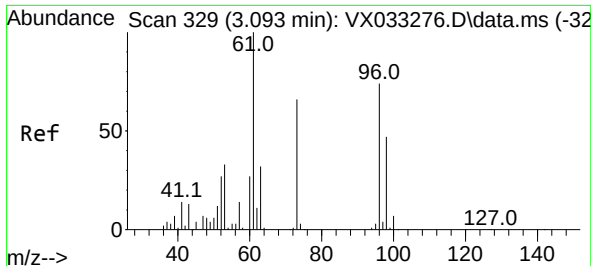
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#20
Methylene Chloride
Concen: 19.381 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

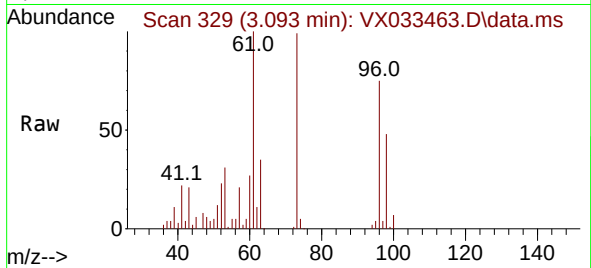
Tgt Ion: 84 Resp: 27218
Ion Ratio Lower Upper
84 100
49 116.4 101.0 151.6
51 33.2 31.1 46.7
86 60.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 19.213 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

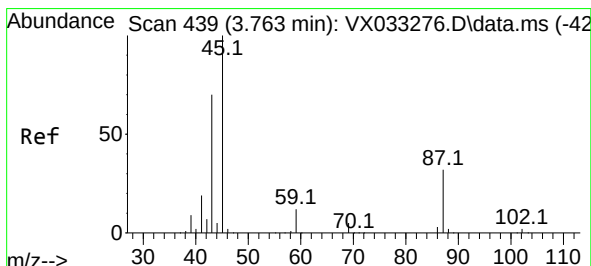
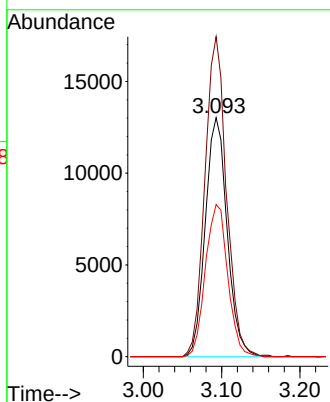
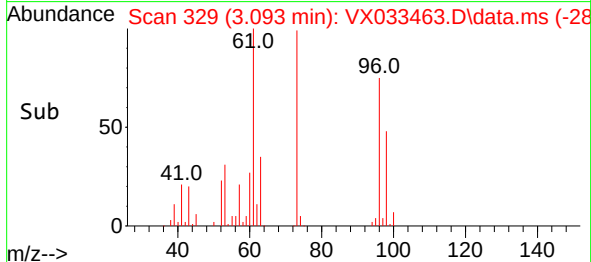
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



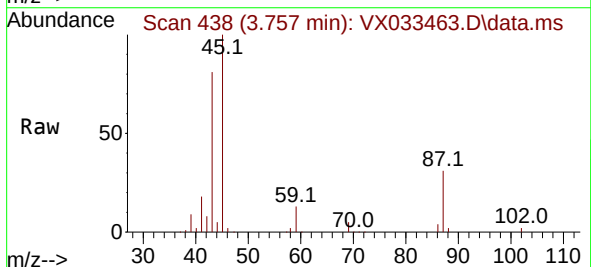
Tgt Ion: 96 Resp: 2527
Ion Ratio Lower Upper
96 100
61 133.9 106.6 160.0
98 63.6 51.0 76.6

Manual Integrations
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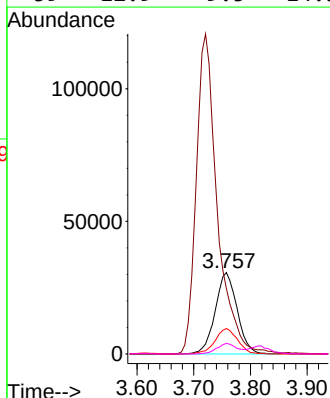
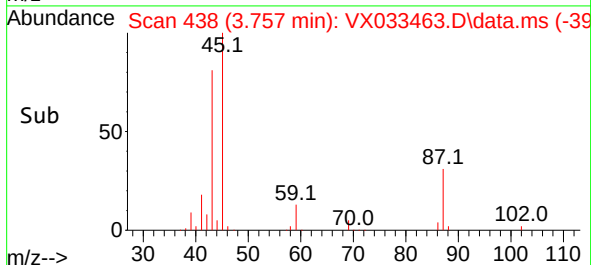
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

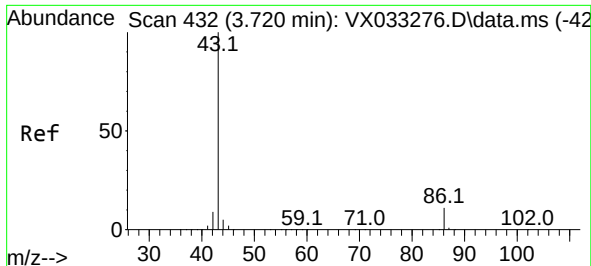


#22
Diisopropyl ether
Concen: 20.012 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



Tgt Ion: 45 Resp: 82340
Ion Ratio Lower Upper
45 100
43 80.0 56.4 84.6
87 31.1 24.4 36.6
59 12.9 9.5 14.3





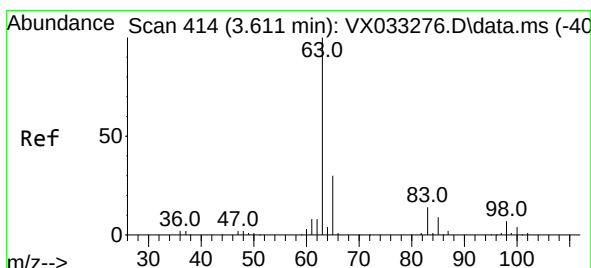
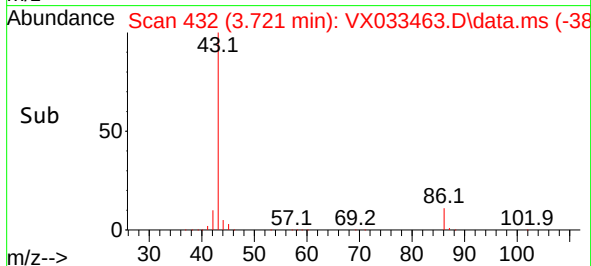
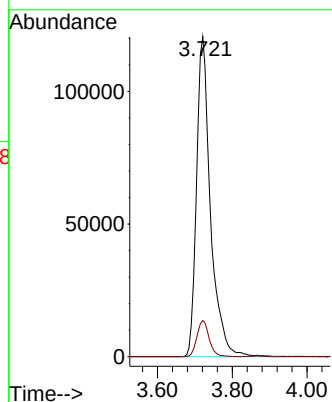
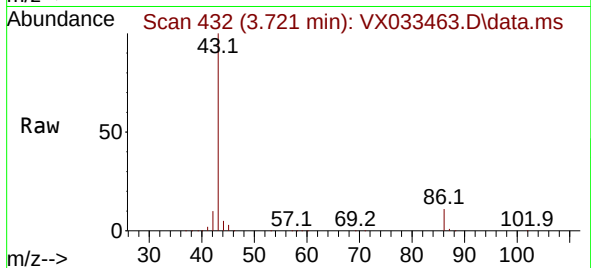
#23
 Vinyl Acetate
 Concen: 97.865 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD02

Tgt Ion: 43 Resp: 31254
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

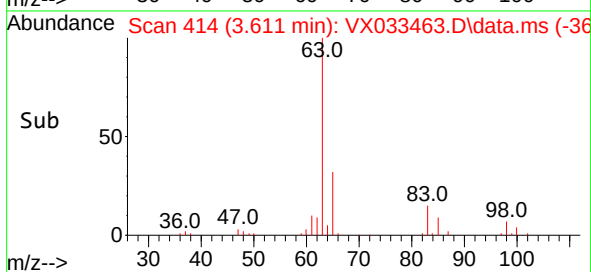
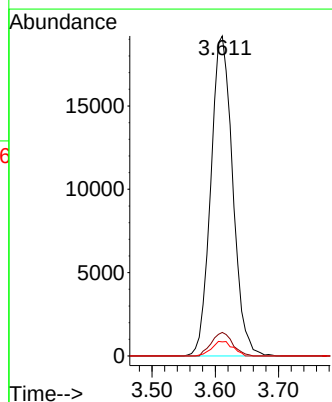
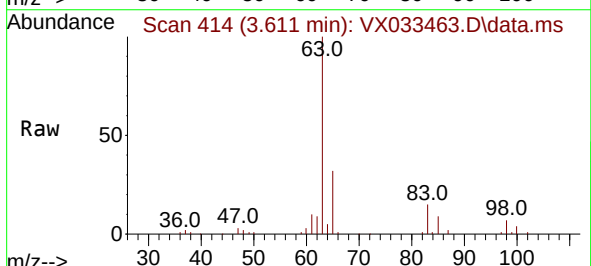
Manual Integrations
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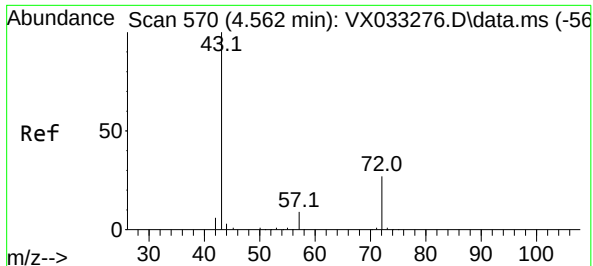
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#24
 1,1-Dichloroethane
 Concen: 19.088 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14

Tgt Ion: 63 Resp: 46147
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 97.628 ug/l

RT: 4.556 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

Tgt Ion: 43 Resp: 88240

Ion Ratio Lower Upper

43 100

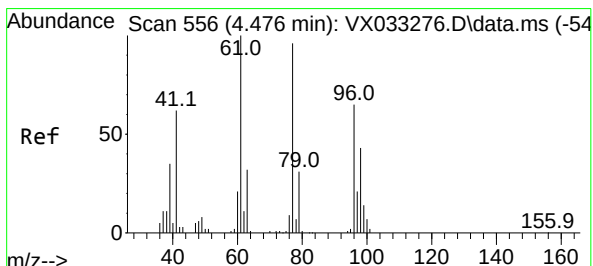
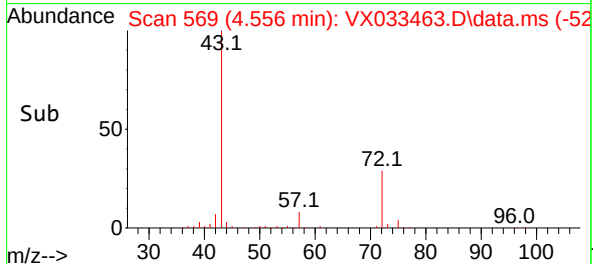
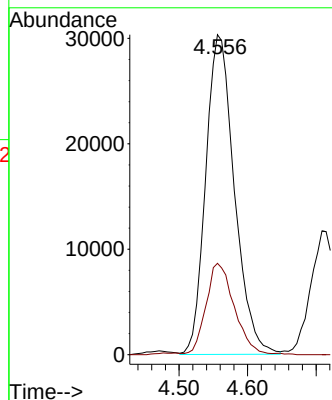
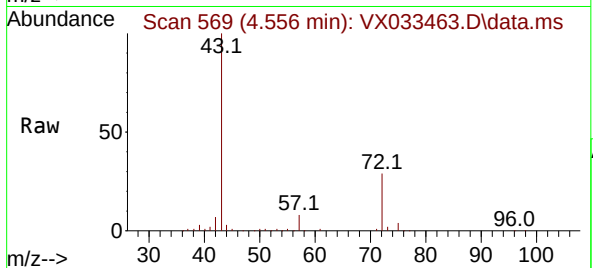
72 28.3 22.2 33.2

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#26

2,2-Dichloropropane

Concen: 20.296 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033463.D

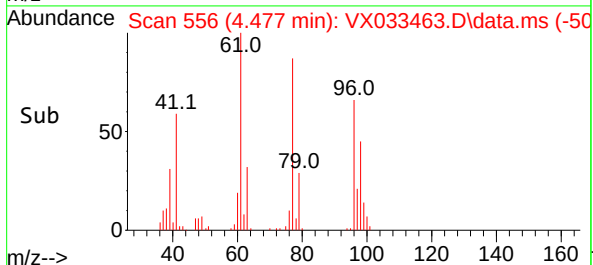
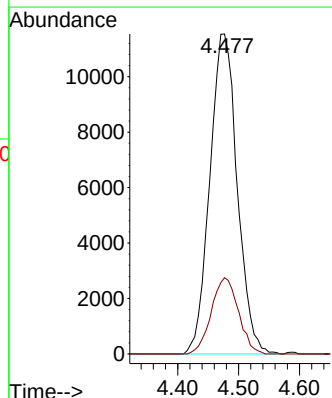
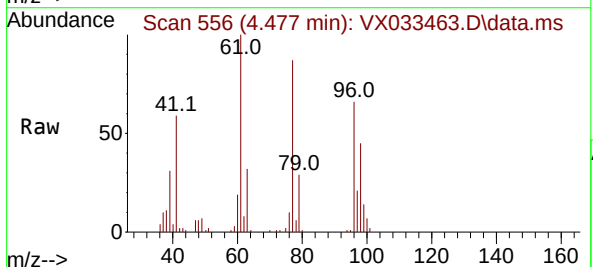
Acq: 16 Dec 2022 16:14

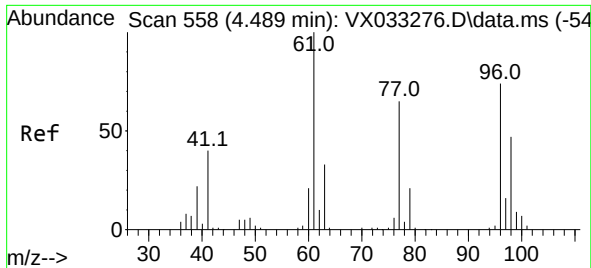
Tgt Ion: 77 Resp: 36083

Ion Ratio Lower Upper

77 100

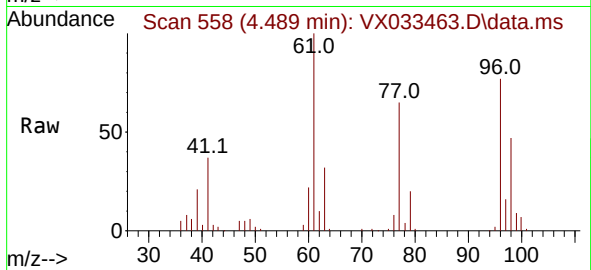
97 23.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.496 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14

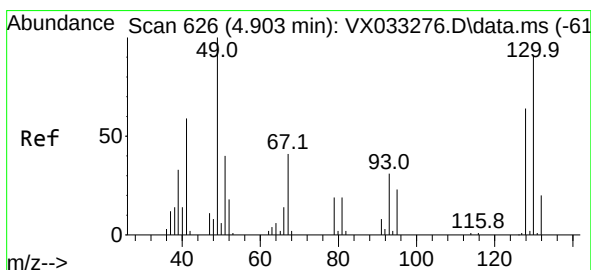
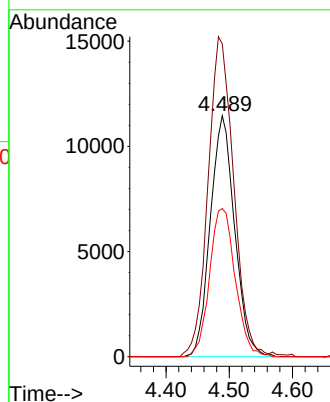
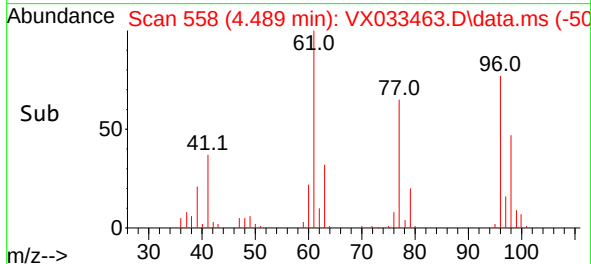
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD02



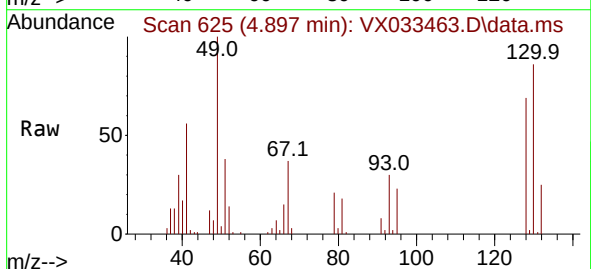
Tgt Ion: 96 Resp: 3065
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 286.0
 98 64.6 0.0 129.6

Manual Integrations
 APPROVED

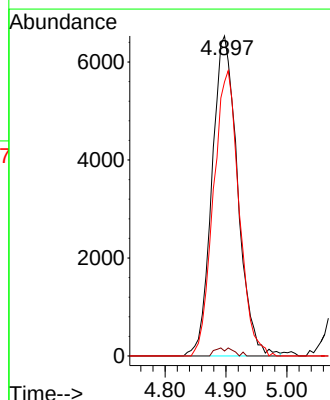
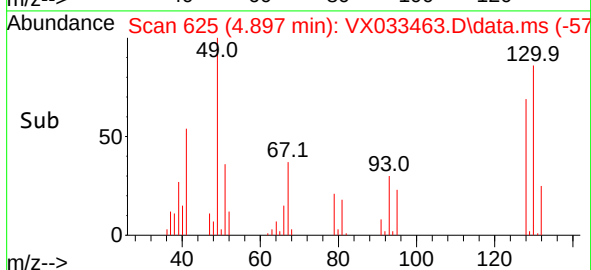
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

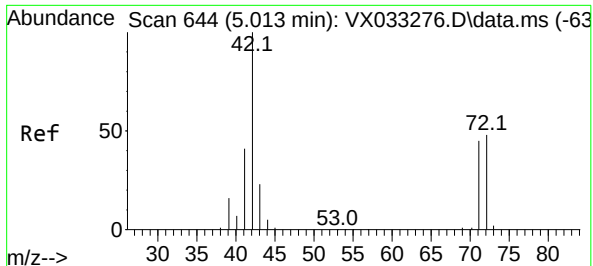


#28
 Bromochloromethane
 Concen: 18.868 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14



Tgt Ion: 49 Resp: 19095
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 88.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 95.566 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

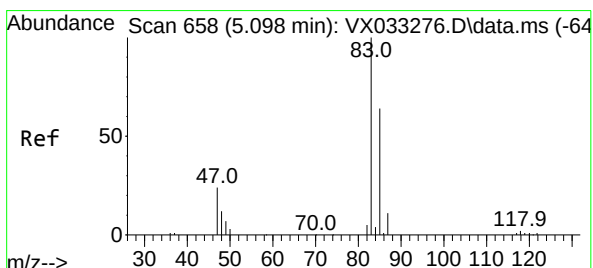
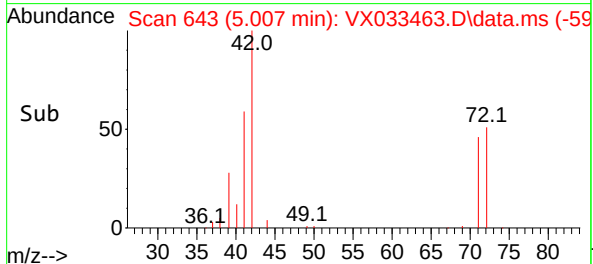
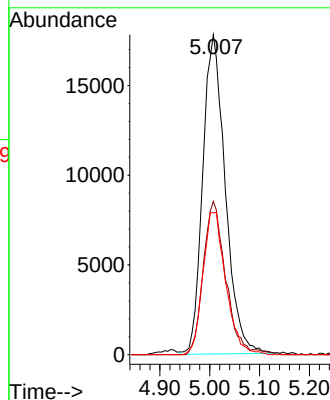
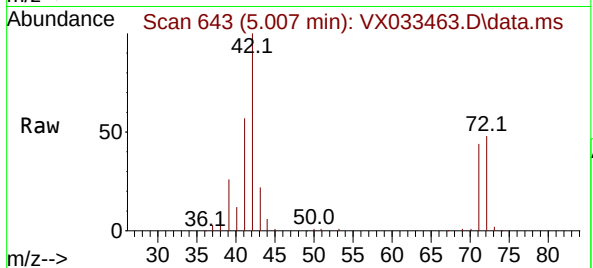
Tgt Ion: 42	Resp: 5596
Ion Ratio	Lower Upper
42 100	
72 48.0	37.6 56.4
71 45.2	34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 19.962 ug/l

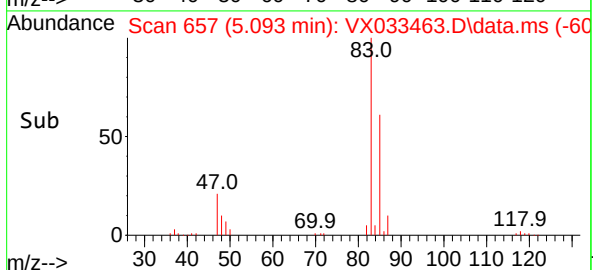
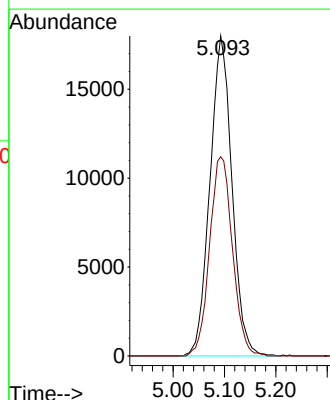
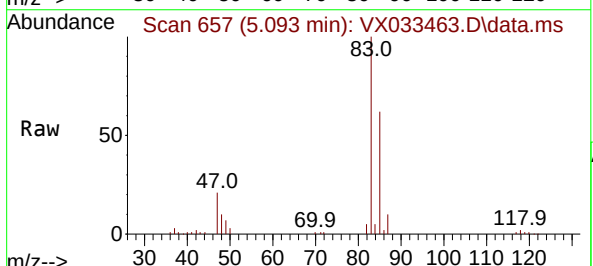
RT: 5.093 min Scan# 657

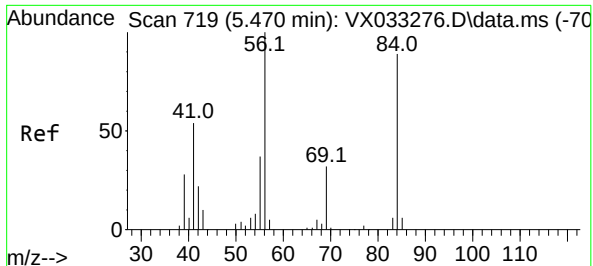
Delta R.T. -0.006 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Tgt Ion: 83	Resp: 53576
Ion Ratio	Lower Upper
83 100	
85 62.2	51.1 76.7





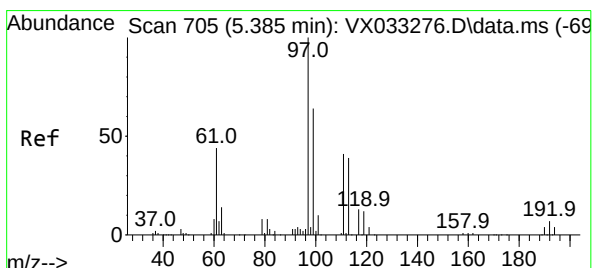
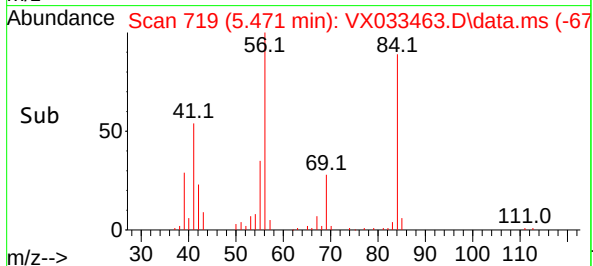
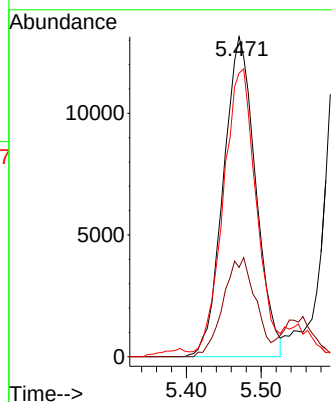
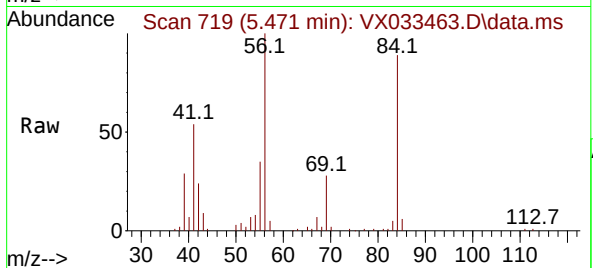
#31
Cyclohexane
Concen: 19.536 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion: 56 Resp: 3951
Ion Ratio Lower Upper
56 100
69 27.9 24.1 36.1
84 86.0 66.9 100.3

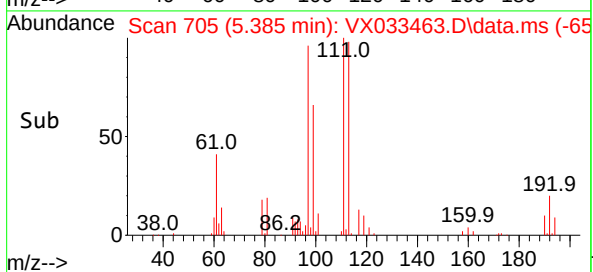
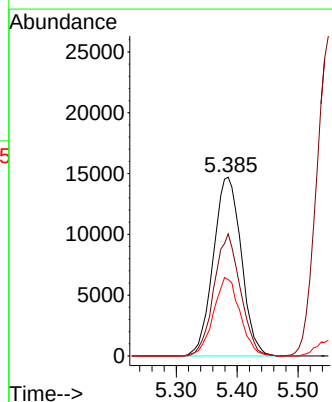
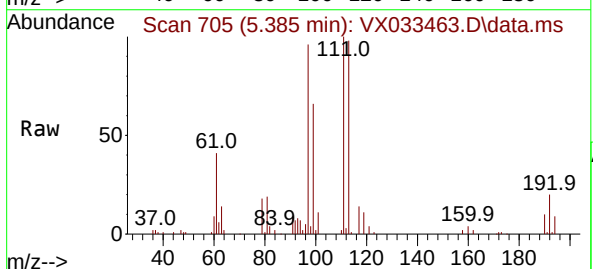
Manual Integrations
APPROVED

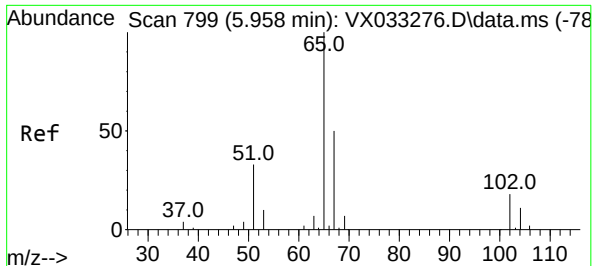
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#32
1,1,1-Trichloroethane
Concen: 20.305 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 97 Resp: 46889
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 41.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.090 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

Tgt Ion: 65 Resp: 3837

Ion Ratio Lower Upper

65 100

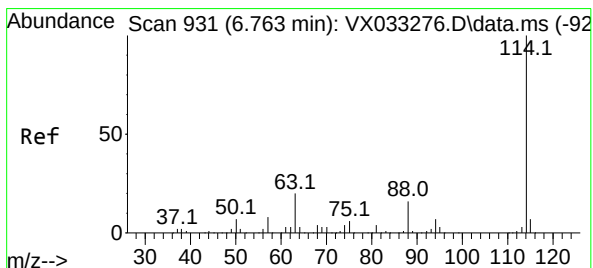
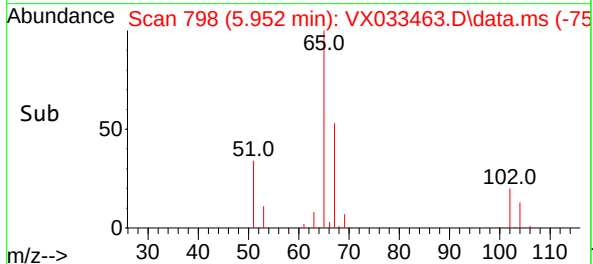
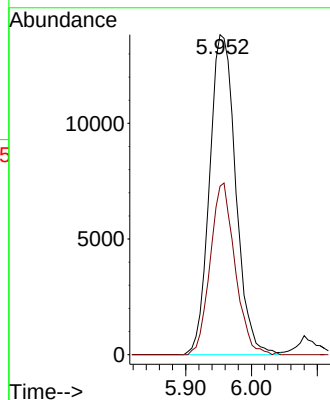
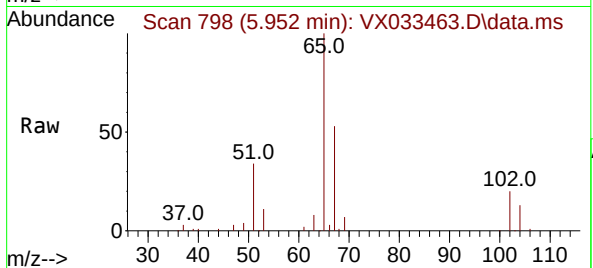
67 50.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

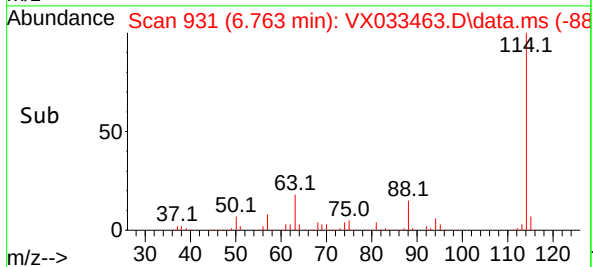
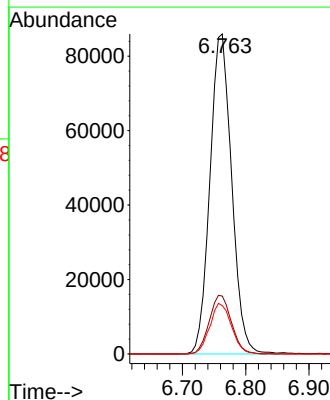
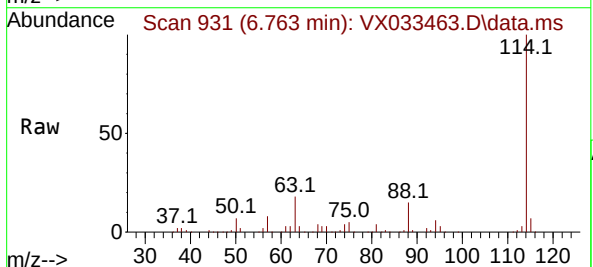
Tgt Ion:114 Resp: 204827

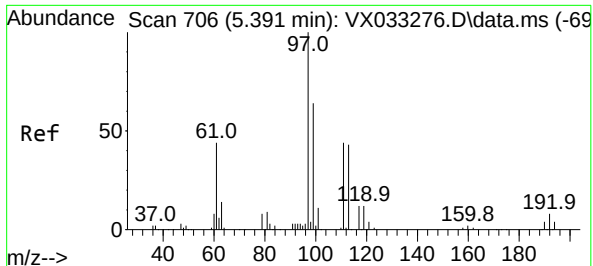
Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.6

88 15.1 0.0 33.4





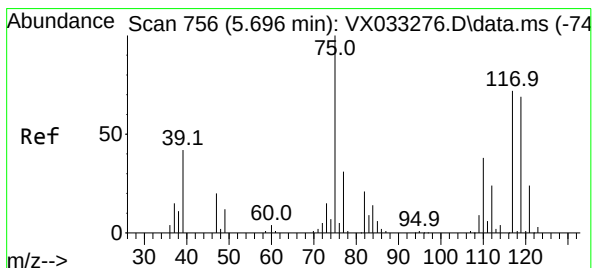
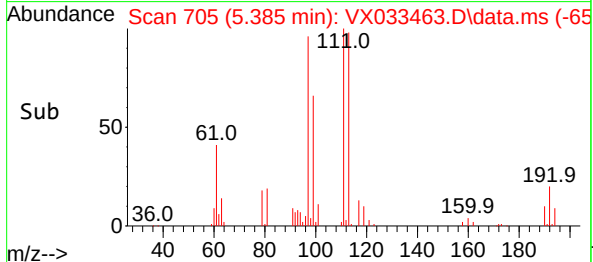
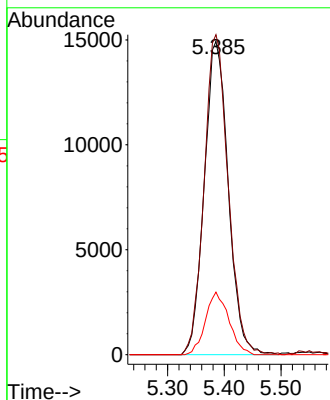
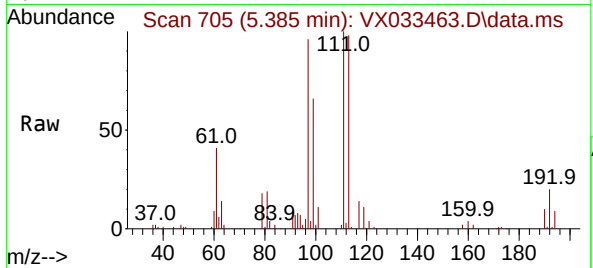
#35
Dibromofluoromethane
Concen: 47.633 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion:113 Resp: 4388
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.5 15.4 23.2

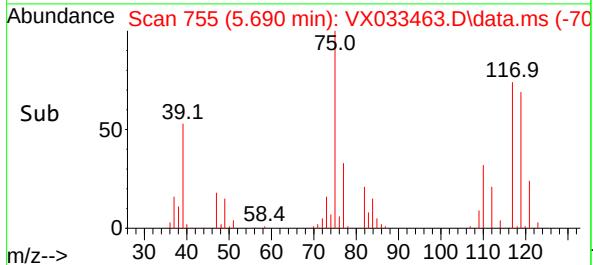
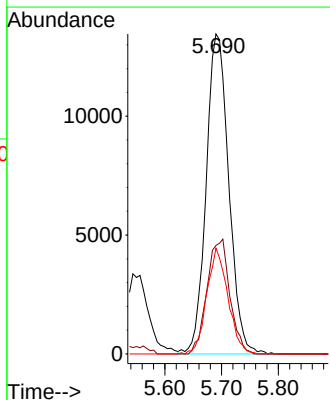
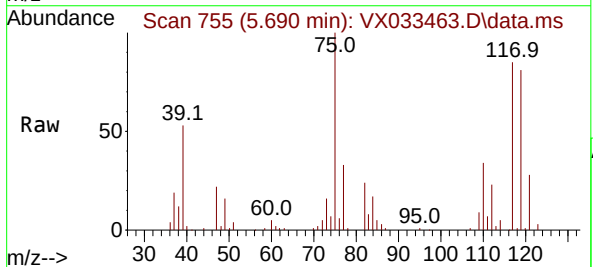
Manual Integrations
APPROVED

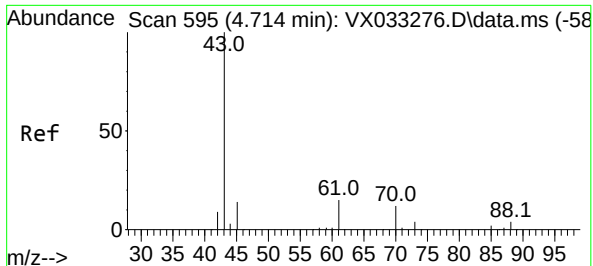
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#36
1,1-Dichloropropene
Concen: 20.783 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 75 Resp: 37330
Ion Ratio Lower Upper
75 100
110 36.1 18.4 55.2
77 31.0 24.5 36.7





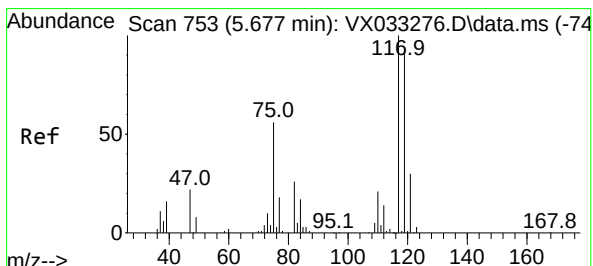
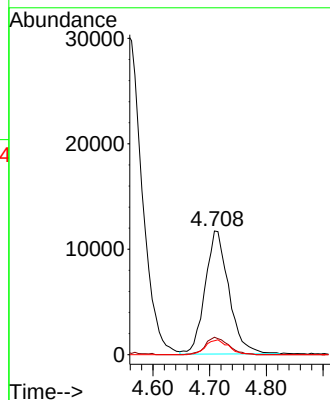
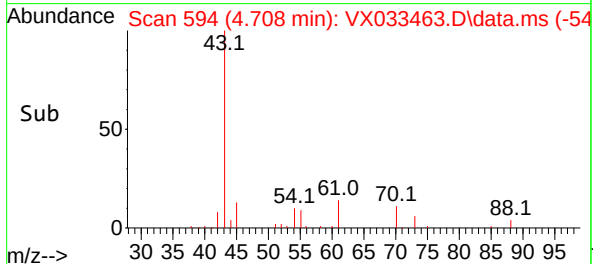
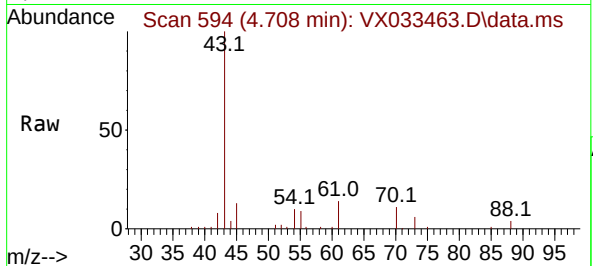
#37
Ethyl Acetate
Concen: 20.030 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion: 43 Resp: 34009
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 11.7 9.1 13.7

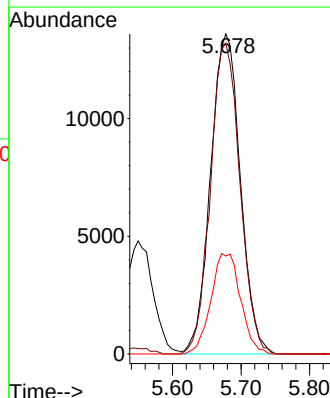
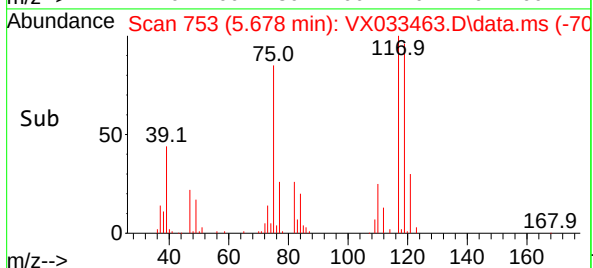
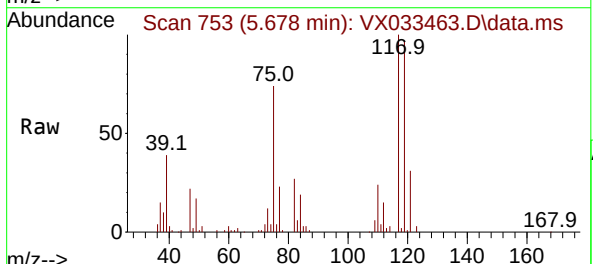
Manual Integrations
APPROVED

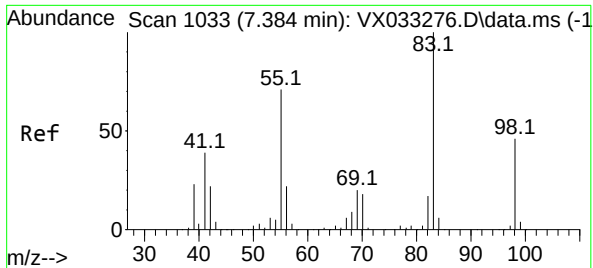
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#38
Carbon Tetrachloride
Concen: 20.393 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

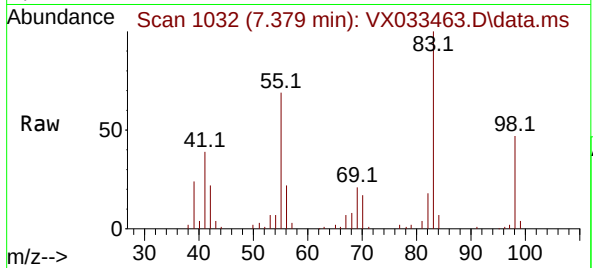
Tgt Ion:117 Resp: 41040
Ion Ratio Lower Upper
117 100
119 97.0 77.2 115.8
121 30.6 25.8 38.6





#39
Methylcyclohexane
Concen: 21.717 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

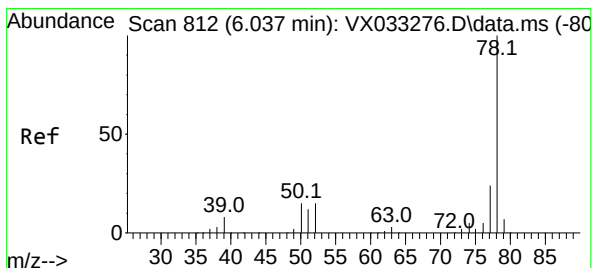
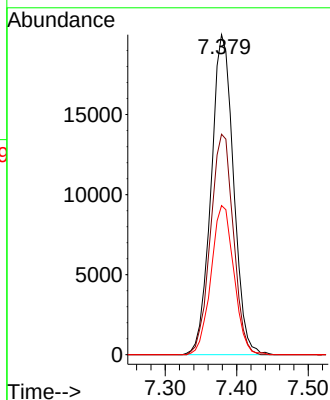
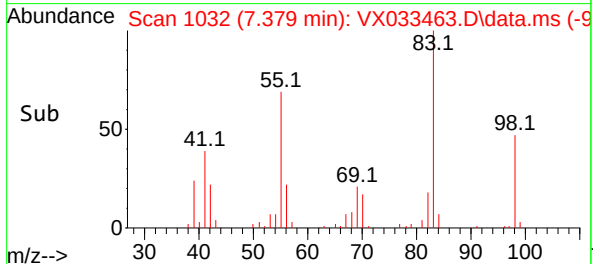
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



Tgt Ion: 83 Resp: 43662
Ion Ratio Lower Upper
83 100
55 68.9 58.4 87.6
98 46.6 37.2 55.8

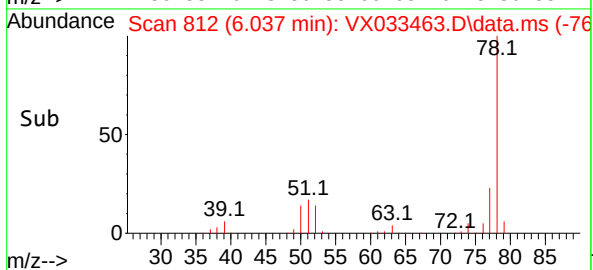
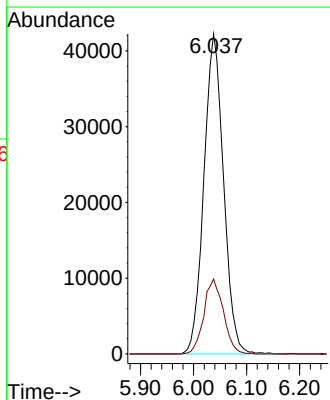
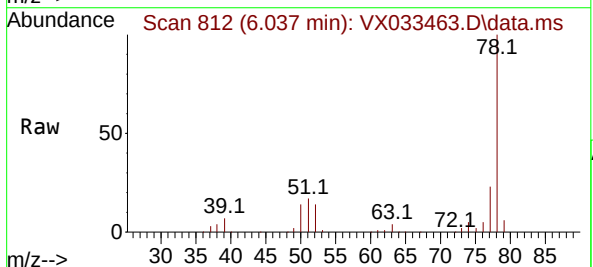
Manual Integrations
APPROVED

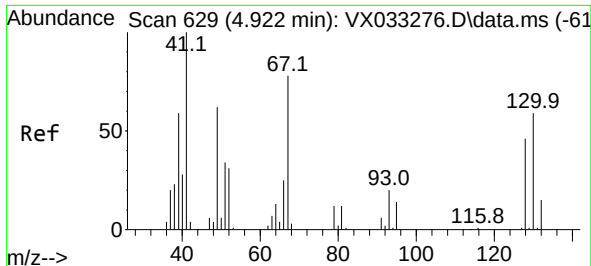
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#40
Benzene
Concen: 20.757 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 78 Resp: 108704
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





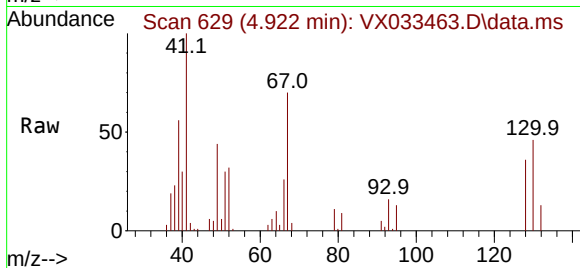
#41
Methacrylonitrile
Concen: 20.874 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02



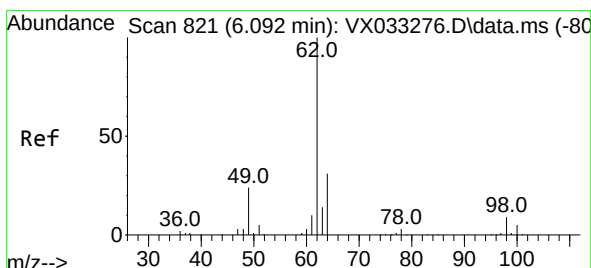
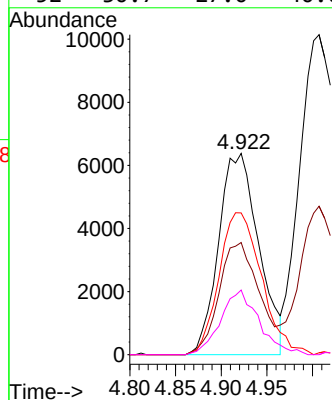
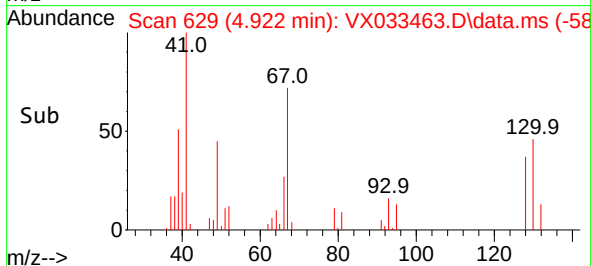
Tgt Ion:	41	Resp:	19530
Ion	Ratio	Lower	Upper
41	100		
39	54.7	47.5	71.3
67	74.5	60.5	90.7
52	30.7	27.0	40.6

Manual Integrations

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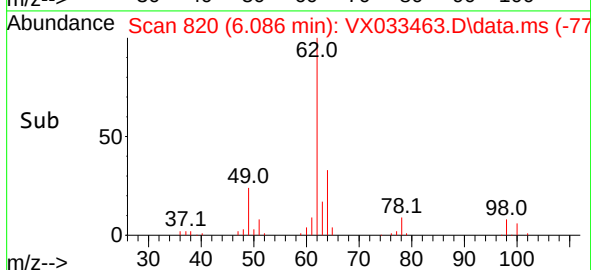
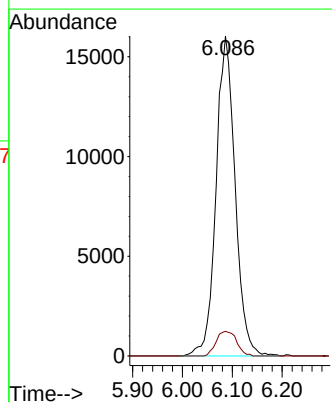
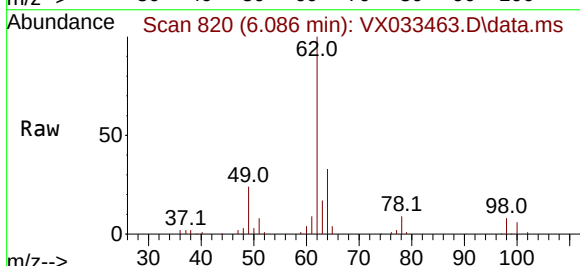
Reviewed By :John Carlone 12/19/2022

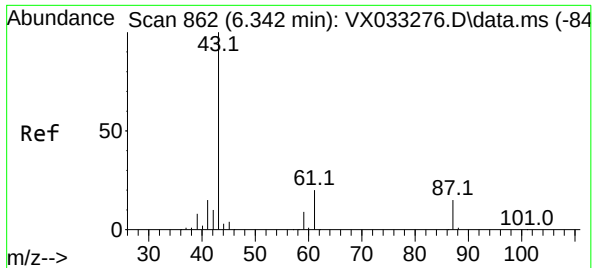
Supervised By :Mahesh Dadoda 12/19/2022



#42
1,2-Dichloroethane
Concen: 20.468 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

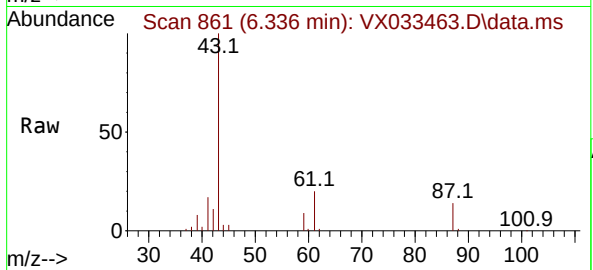
Tgt Ion:	62	Resp:	42565
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0





#43
Isopropyl Acetate
Concen: 20.419 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

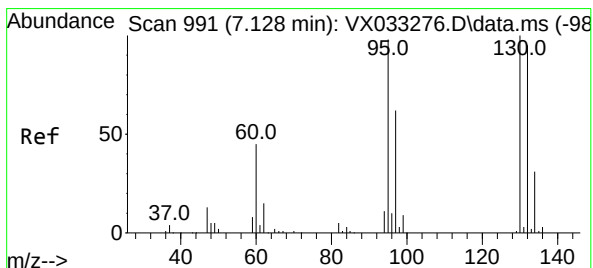
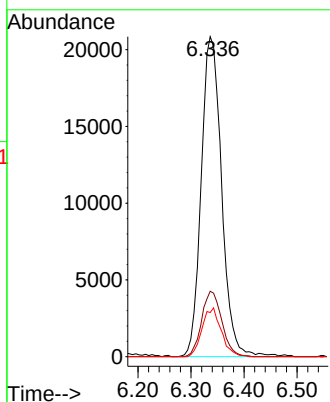
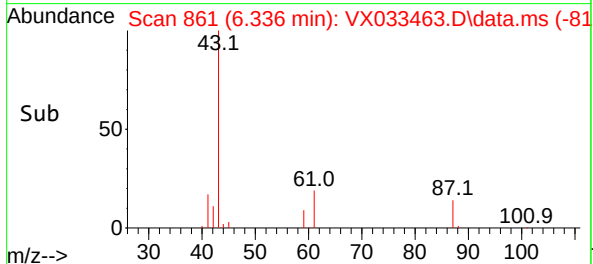
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



Tgt Ion: 43 Resp: 55784
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0
87 14.3 10.8 16.2

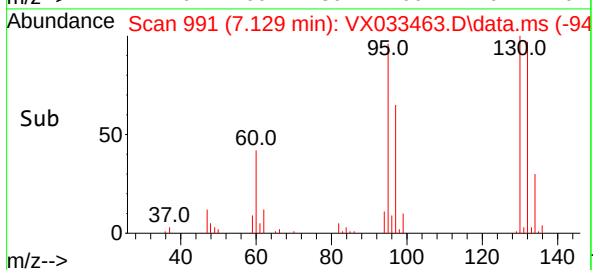
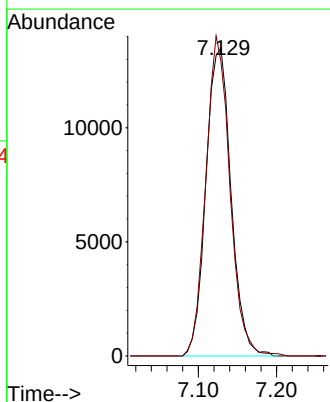
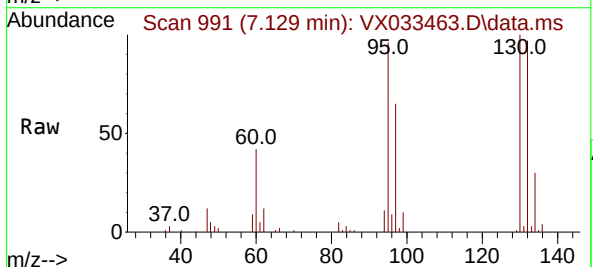
Manual Integrations
APPROVED

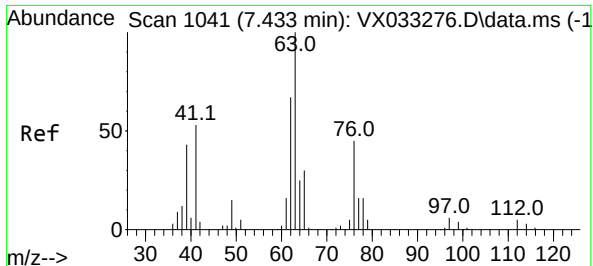
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#44
Trichloroethene
Concen: 20.852 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion:130 Resp: 30109
Ion Ratio Lower Upper
130 100
95 95.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 20.415 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

Tgt Ion: 63 Resp: 2734

Ion Ratio Lower Upper

63 100

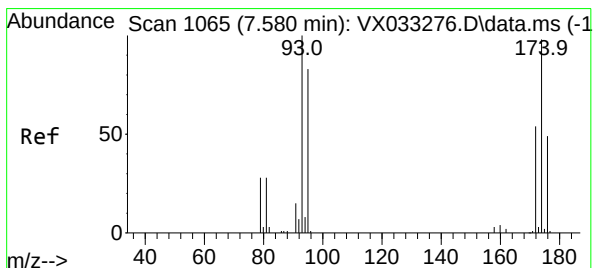
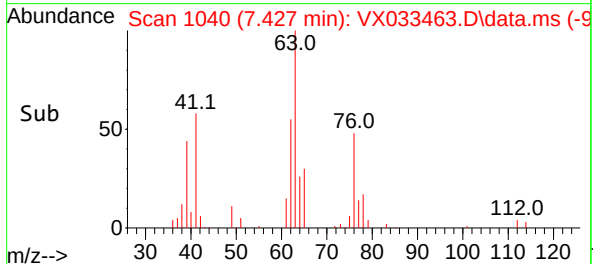
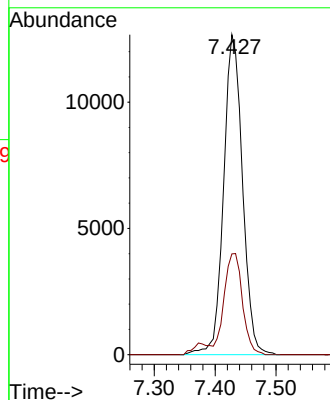
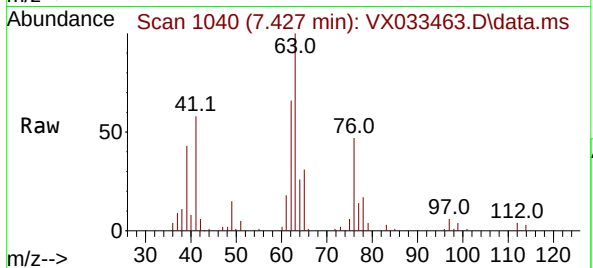
65 31.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 20.607 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

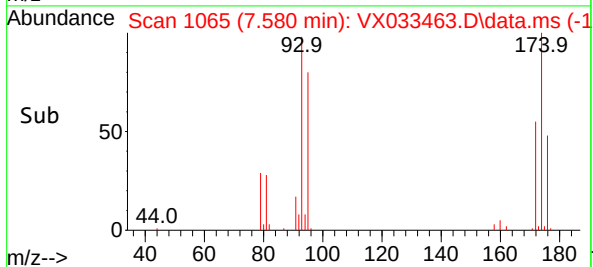
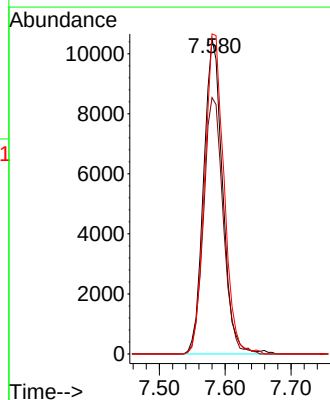
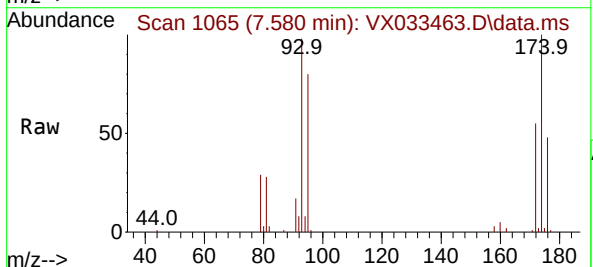
Tgt Ion: 93 Resp: 21025

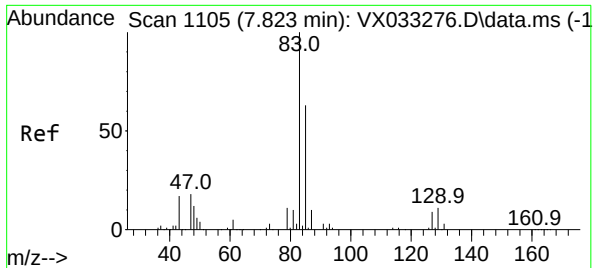
Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.8

174 103.2 79.8 119.6





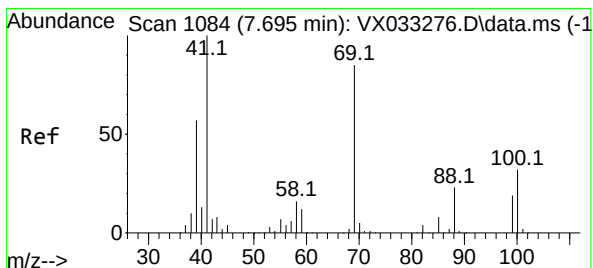
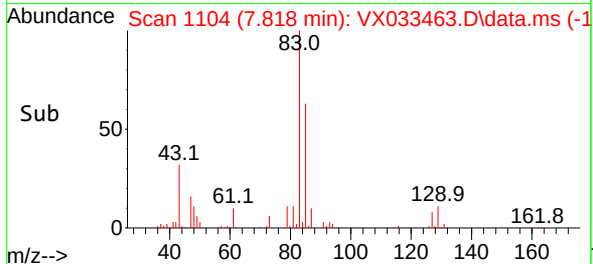
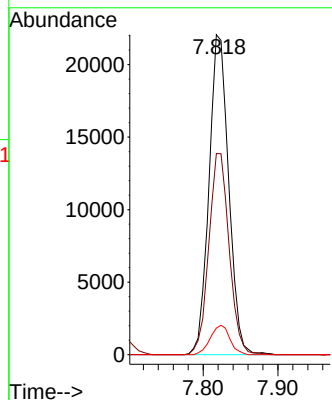
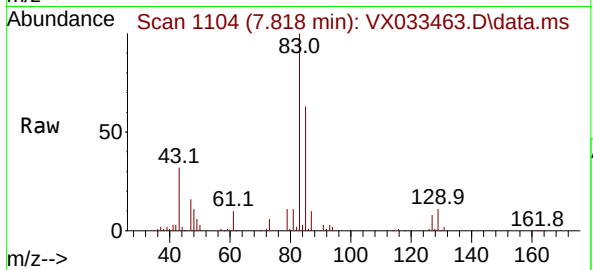
#47
Bromodichloromethane
Concen: 20.289 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion: 83 Resp: 40352
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 8.3 7.4 11.2

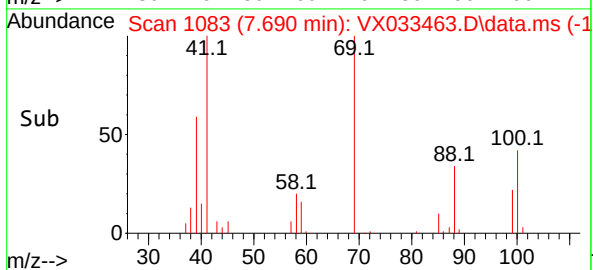
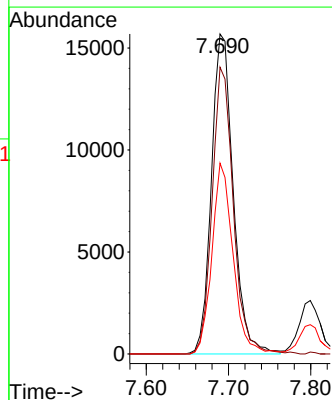
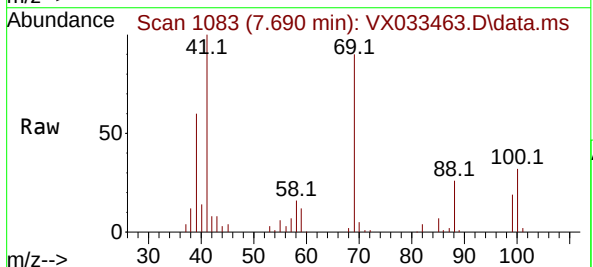
Manual Integrations
APPROVED

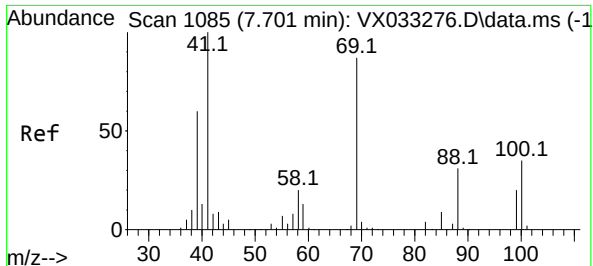
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#48
Methyl methacrylate
Concen: 20.540 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion: 41 Resp: 28960
Ion Ratio Lower Upper
41 100
69 87.1 65.1 97.7
39 57.9 51.9 77.9





#49

1,4-Dioxane

Concen: 361.664 ug/l

RT: 7.690 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

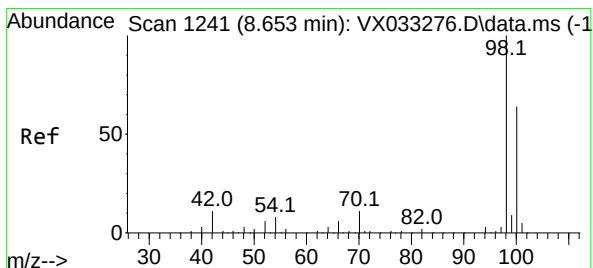
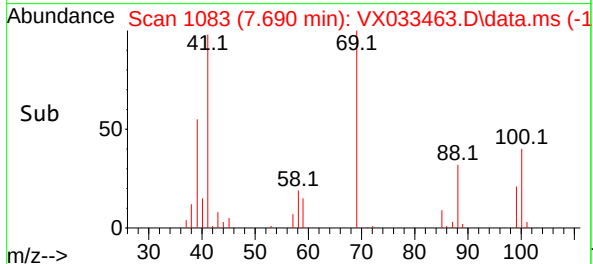
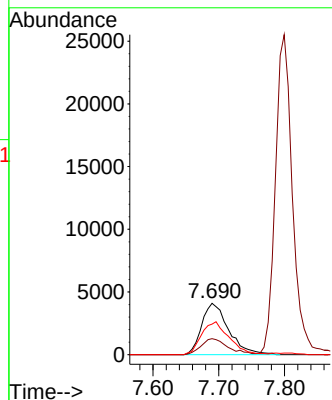
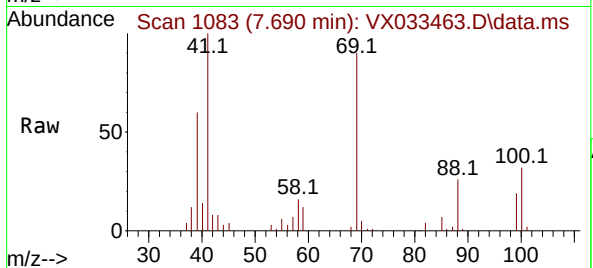
Tgt Ion: 88 Resp: 11628
 Ion Ratio Lower Upper
 88 100
 43 30.8 26.6 39.8
 58 66.1 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#50

Toluene-d8

Concen: 49.185 ug/l

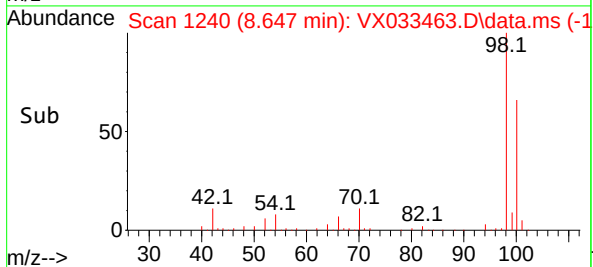
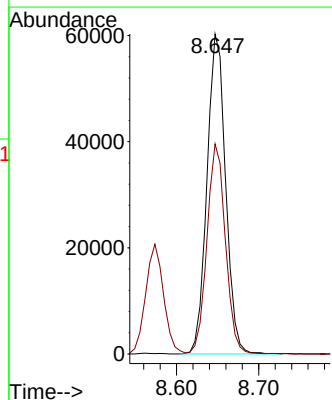
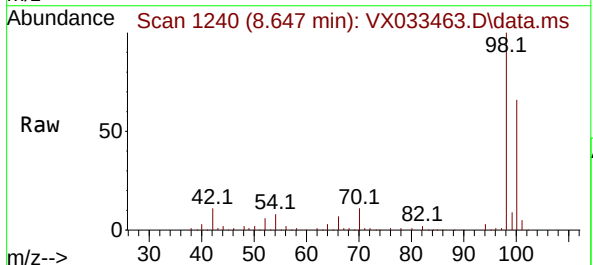
RT: 8.647 min Scan# 1240

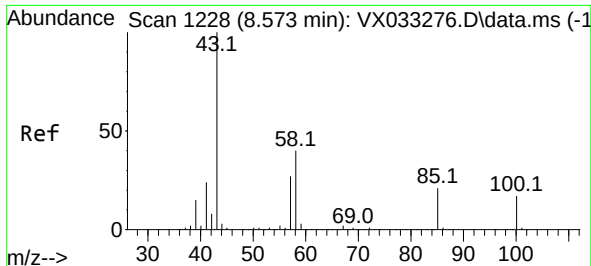
Delta R.T. -0.006 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

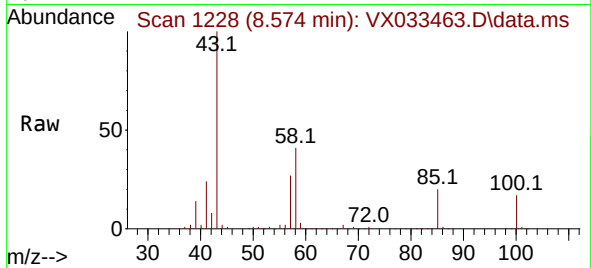
Tgt Ion: 98 Resp: 94792
 Ion Ratio Lower Upper
 98 100
 100 64.8 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 106.204 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

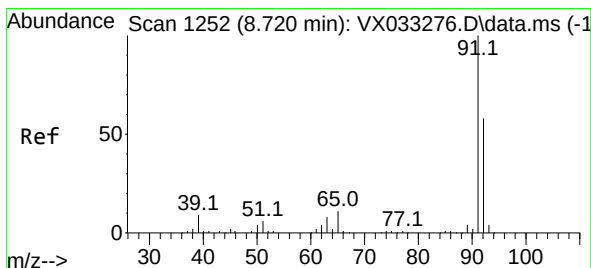
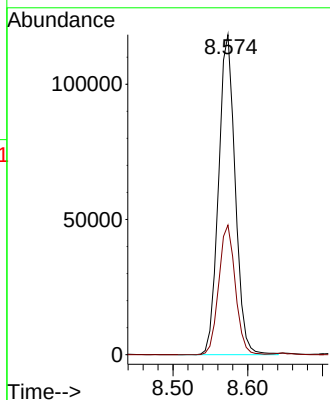
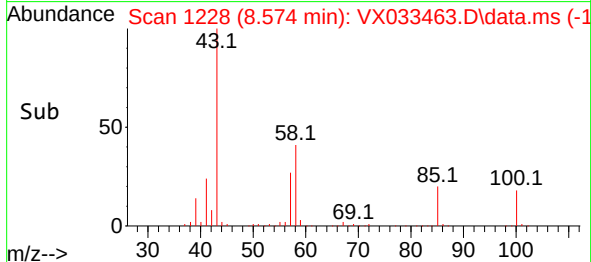
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



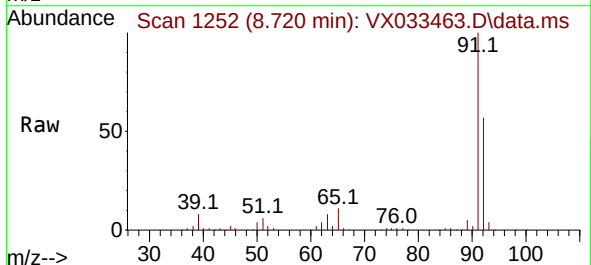
Tgt Ion: 43 Resp: 183480
Ion Ratio Lower Upper
43 100
58 40.3 30.9 46.3

Manual Integrations
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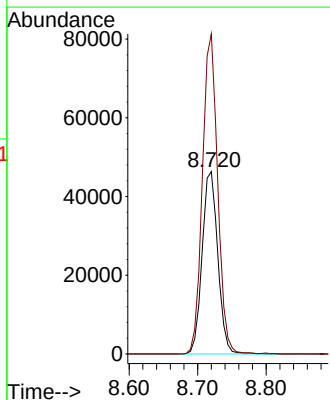
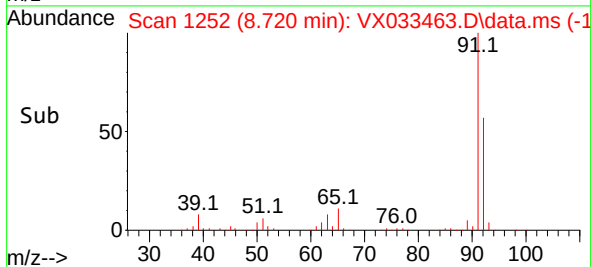
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

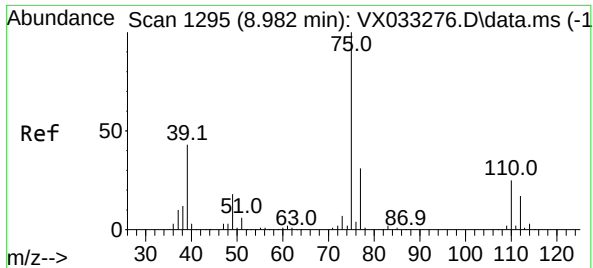


#52
Toluene
Concen: 21.800 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



Tgt Ion: 92 Resp: 73816
Ion Ratio Lower Upper
92 100
91 170.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 20.436 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

Tgt Ion: 75 Resp: 4033

Ion Ratio Lower Upper

75 100

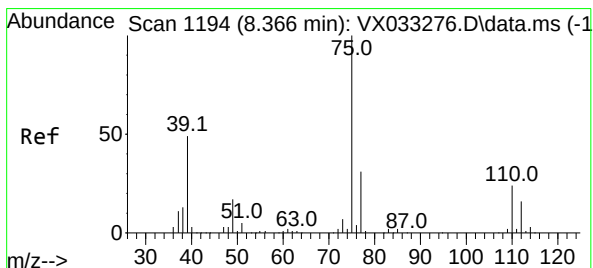
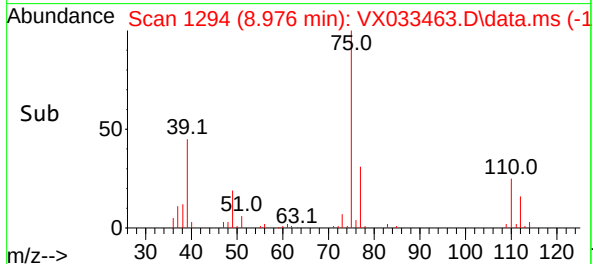
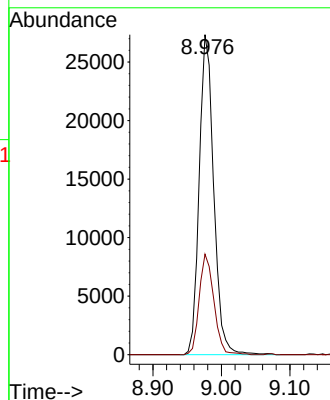
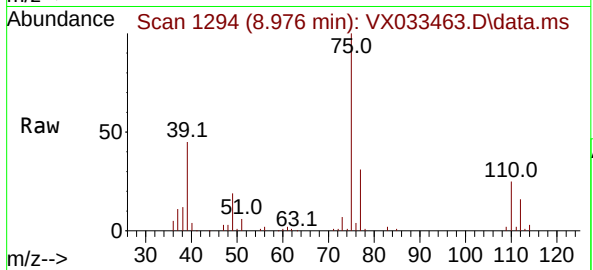
77 31.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#54

cis-1,3-Dichloropropene

Concen: 20.720 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

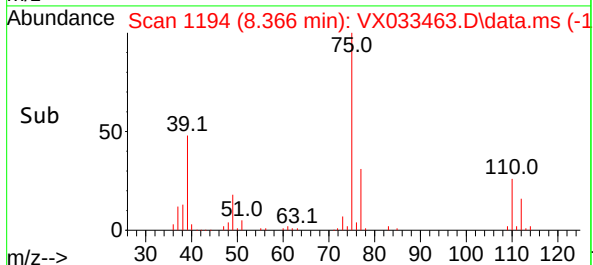
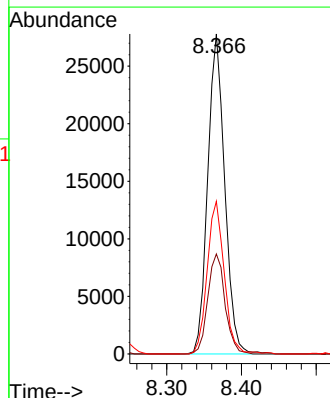
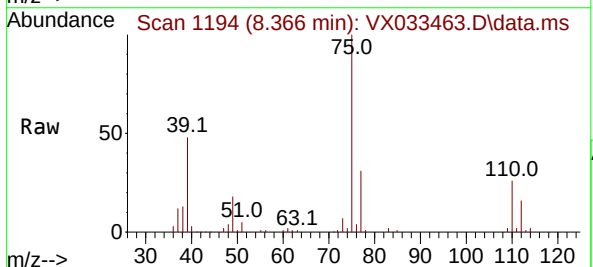
Tgt Ion: 75 Resp: 43852

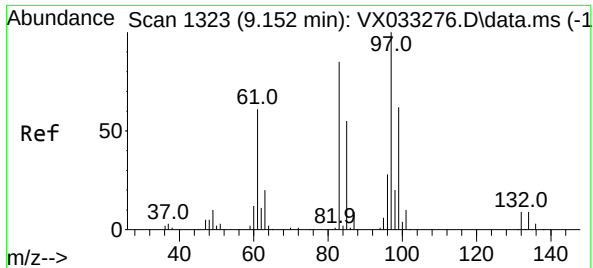
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

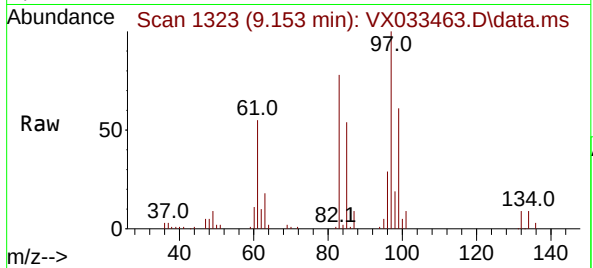
39 47.7 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 21.634 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

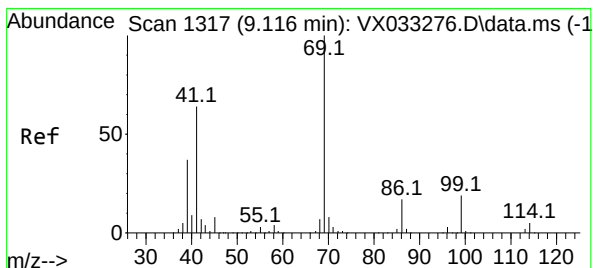
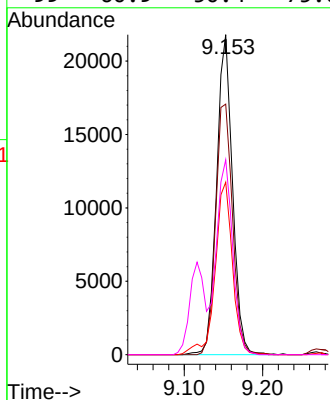
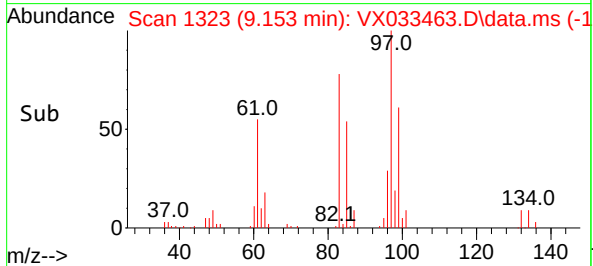
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



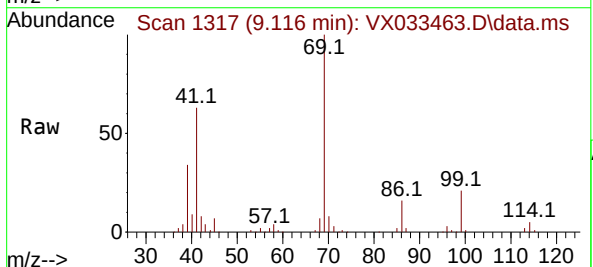
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.3	68.1	102.1
85	53.9	43.3	64.9
99	60.9	50.4	75.6

Manual Integrations
APPROVED

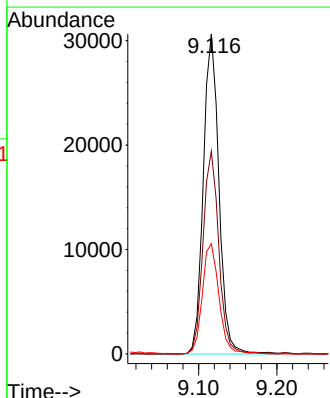
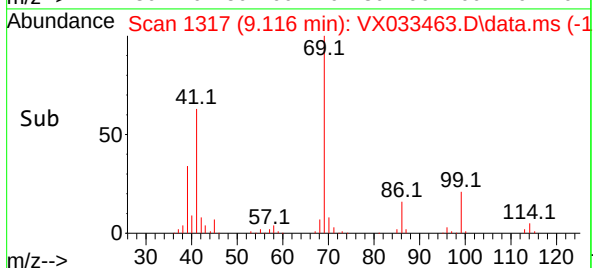
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

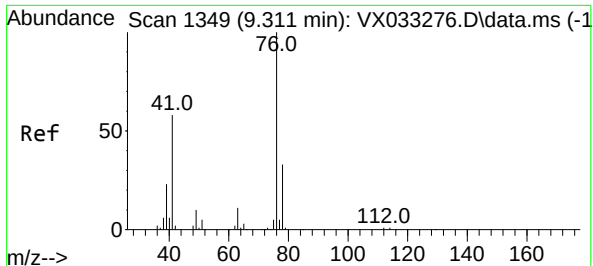


#56
Ethyl methacrylate
Concen: 21.167 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	54.3	81.5
39	36.8	35.2	52.8





#57

1,3-Dichloropropane

Concen: 21.573 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

Tgt Ion: 76 Resp: 4932

Ion Ratio Lower Upper

76 100

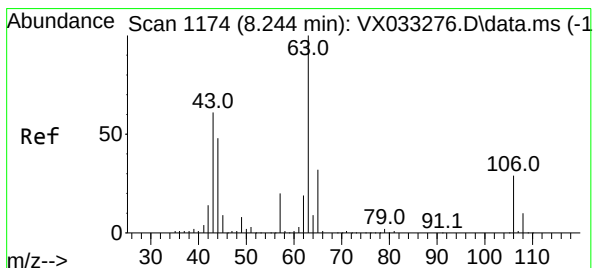
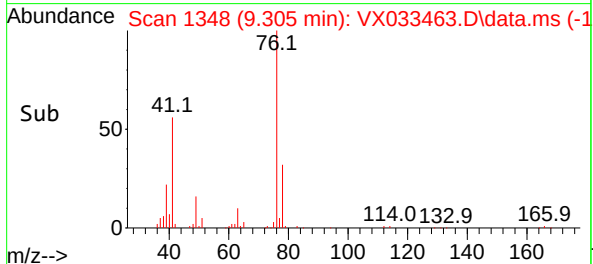
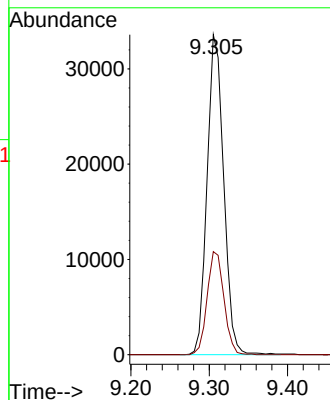
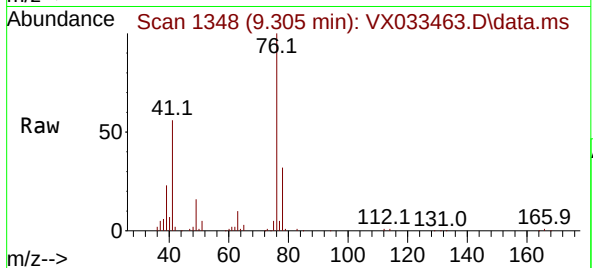
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 105.057 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033463.D

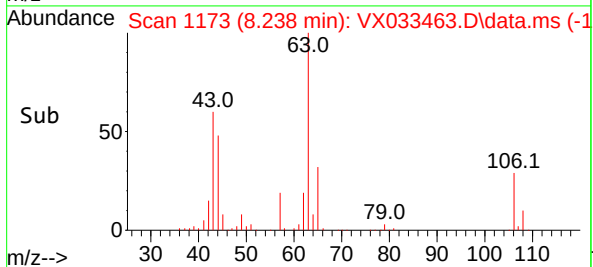
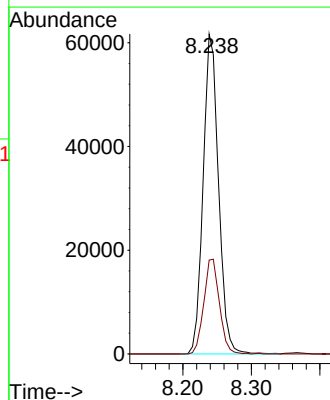
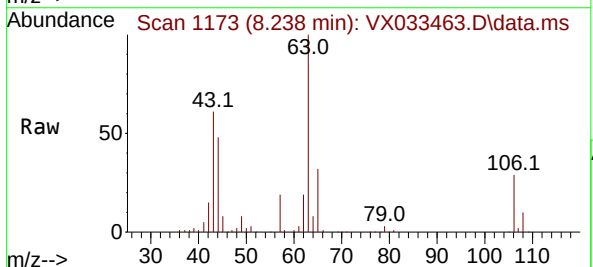
Acq: 16 Dec 2022 16:14

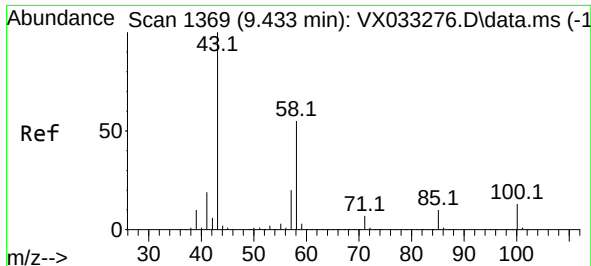
Tgt Ion: 63 Resp: 96333

Ion Ratio Lower Upper

63 100

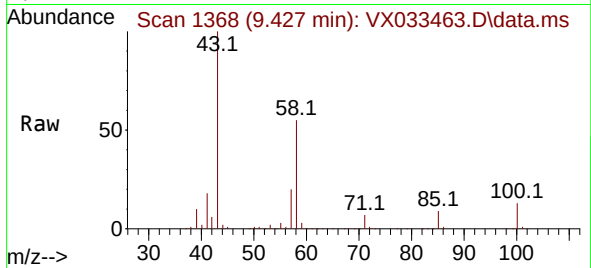
106 30.1 23.3 34.9





#59
2-Hexanone
Concen: 109.768 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

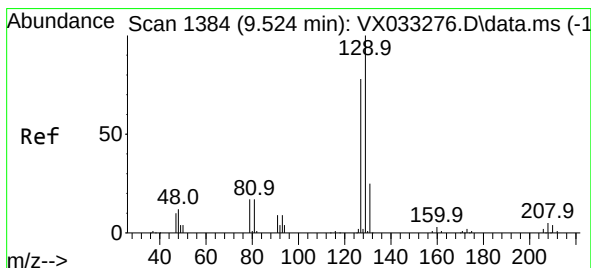
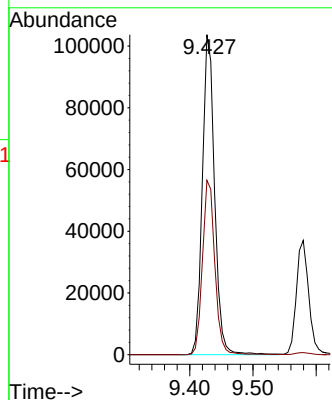
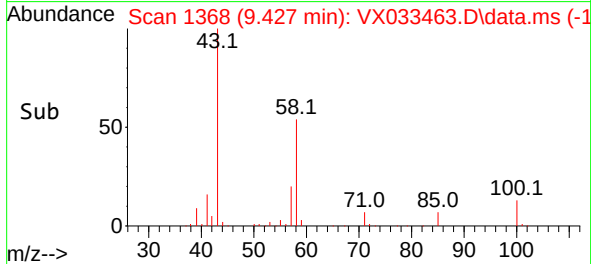
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



Tgt Ion: 43 Resp: 13975
Ion Ratio Lower Upper
43 100
58 55.2 26.5 79.5

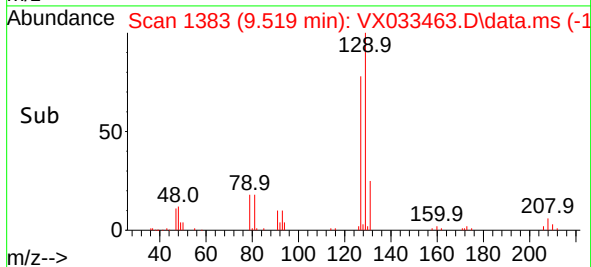
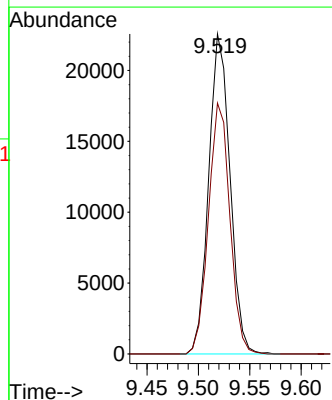
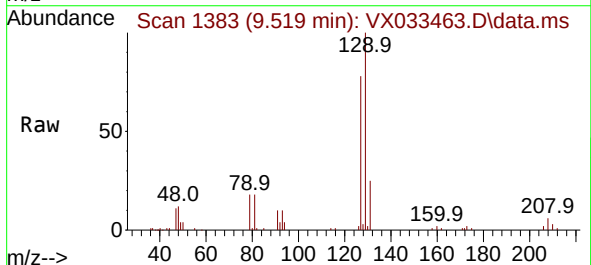
Manual Integrations
APPROVED

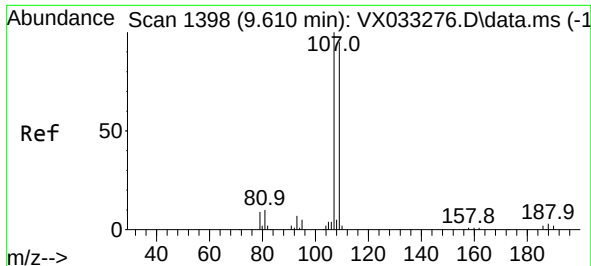
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#60
Dibromochloromethane
Concen: 20.738 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion:129 Resp: 32521
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





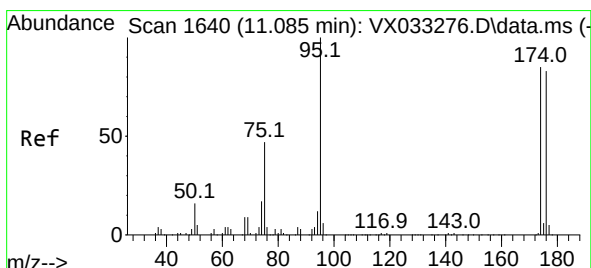
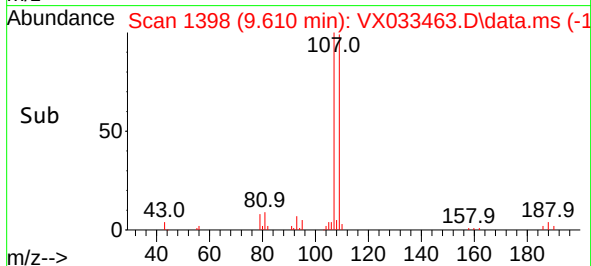
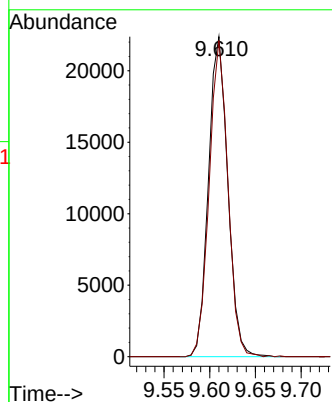
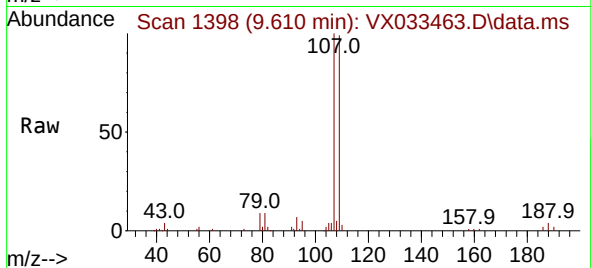
#61
1,2-Dibromoethane
Concen: 21.665 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion:107 Resp: 3280
Ion Ratio Lower Upper
107 100
109 95.9 76.0 114.0

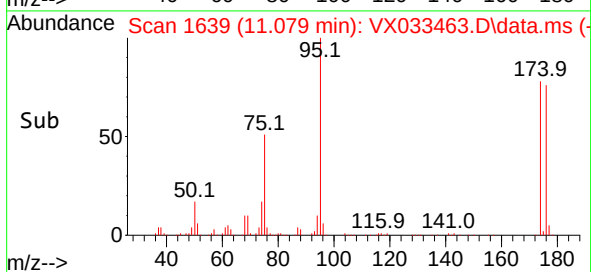
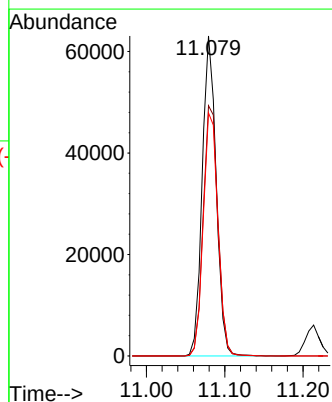
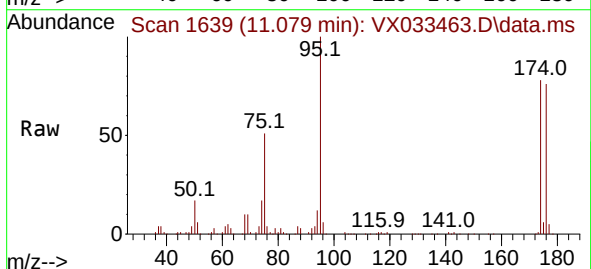
Manual Integrations
APPROVED

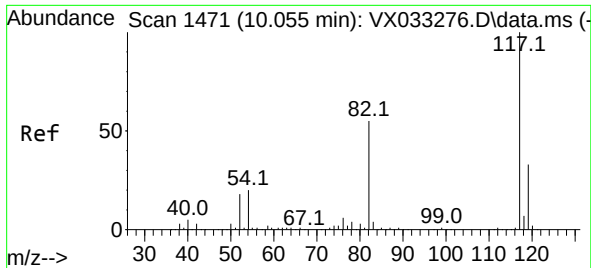
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#62
4-Bromofluorobenzene
Concen: 52.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

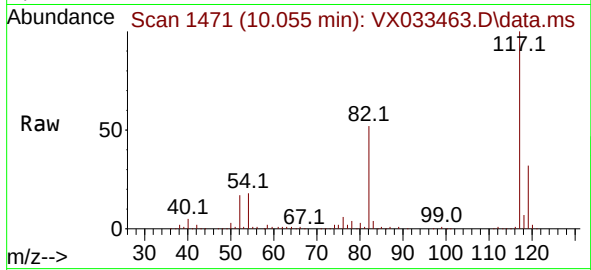
Tgt Ion: 95 Resp: 77863
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 80.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

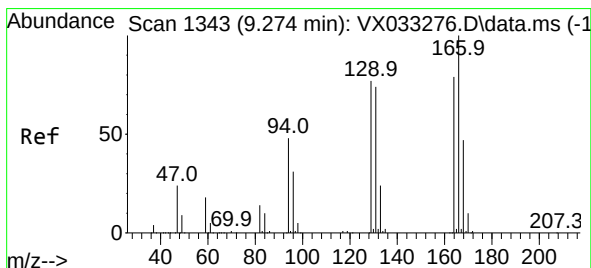
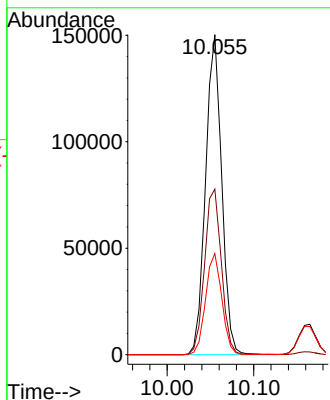
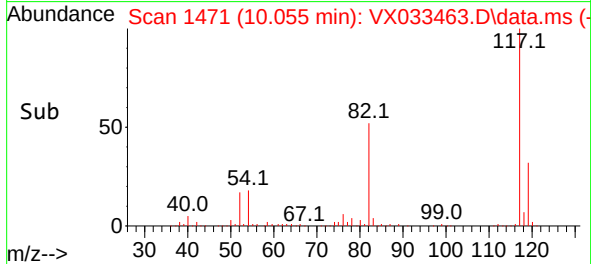
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



Tgt Ion:117 Resp: 19456
Ion Ratio Lower Upper
117 100
82 51.8 44.3 66.5
119 31.6 25.7 38.5

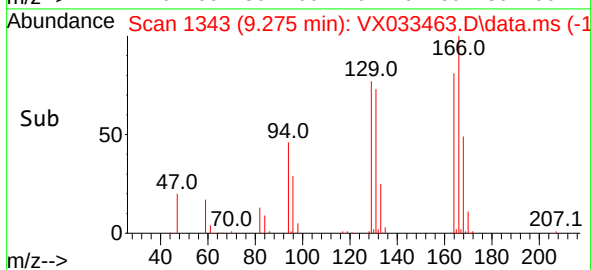
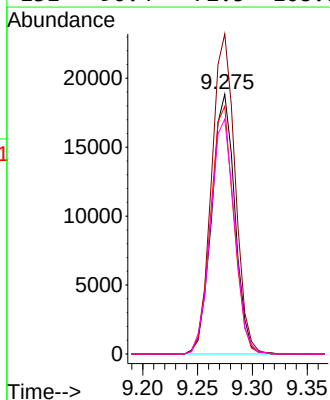
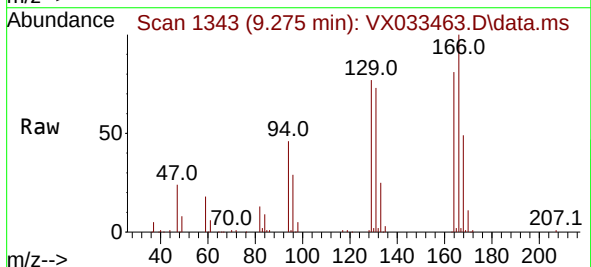
Manual Integrations
APPROVED

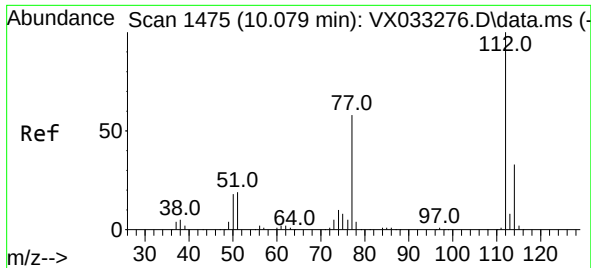
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Tetrachloroethene
Concen: 20.765 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Tgt Ion:164 Resp: 27625
Ion Ratio Lower Upper
164 100
166 123.2 105.4 158.2
129 95.3 78.2 117.2
131 90.4 72.5 108.7





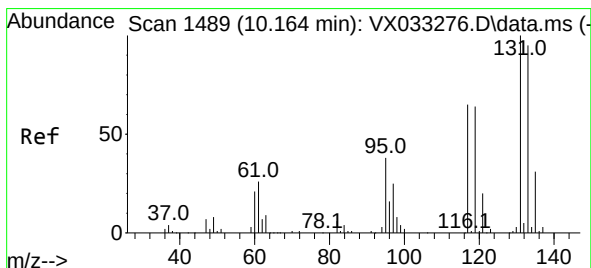
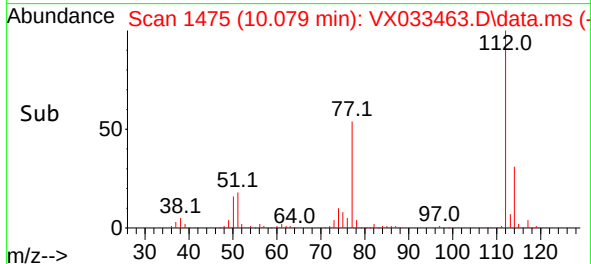
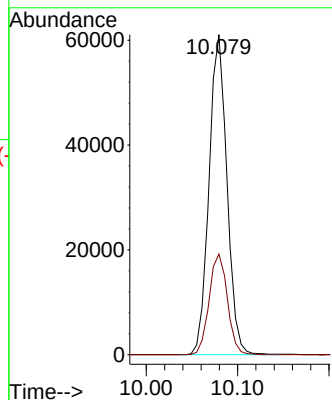
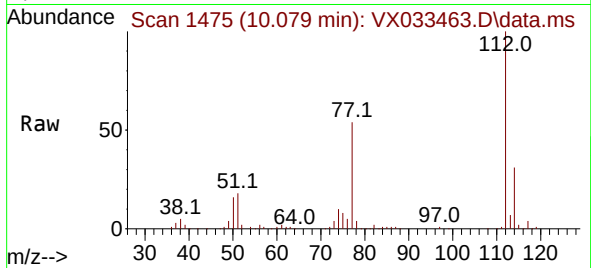
#65
Chlorobenzene
Concen: 21.061 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion:112 Resp: 82979
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

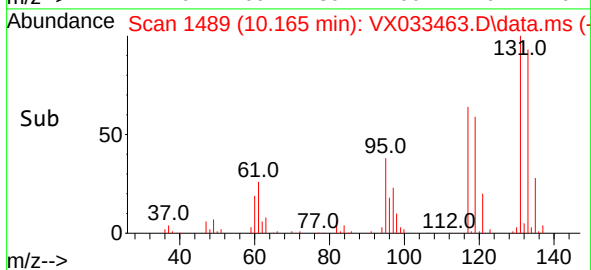
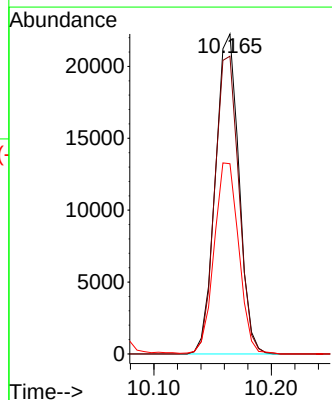
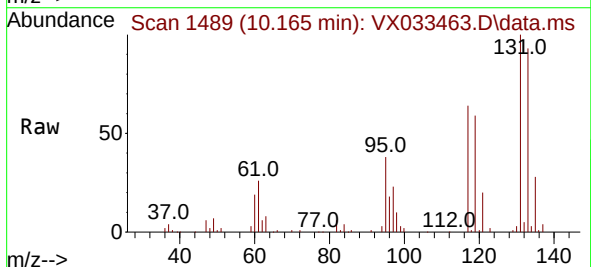
Manual Integrations
APPROVED

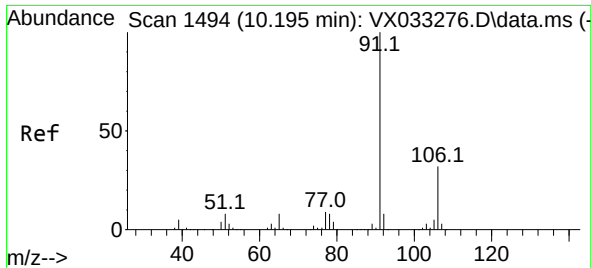
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.852 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

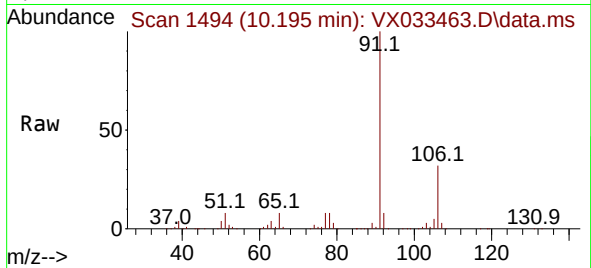
Tgt Ion:131 Resp: 31046
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 62.4 32.4 97.0





#67
Ethyl Benzene
Concen: 21.368 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

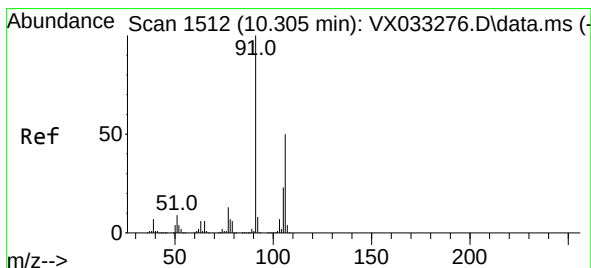
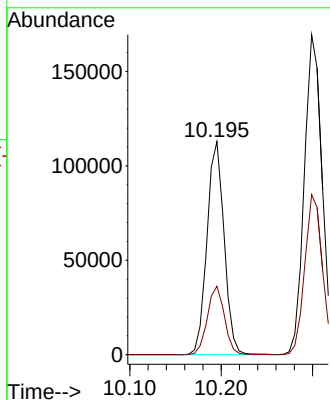
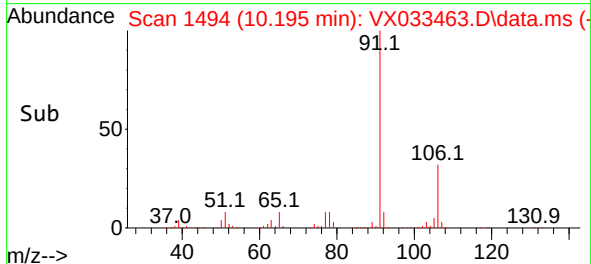
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



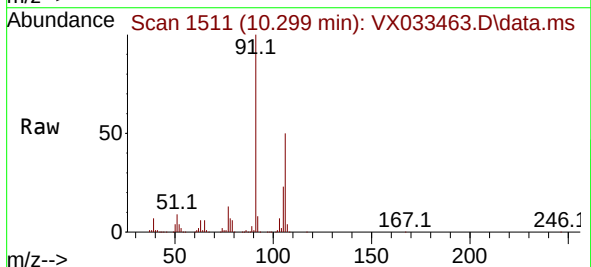
Tgt Ion: 91 Resp: 146660
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6

Manual Integrations
APPROVED

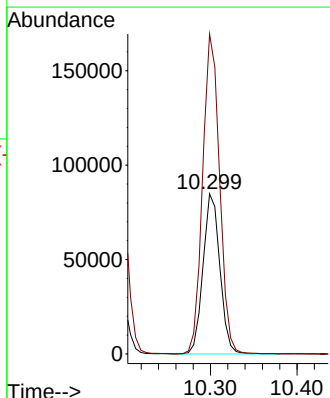
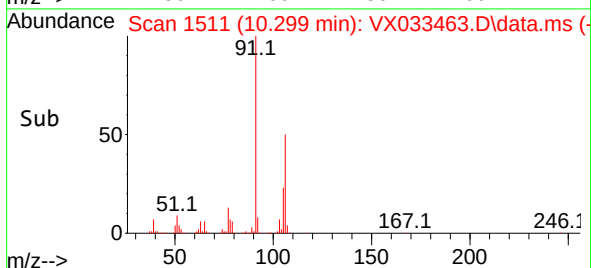
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

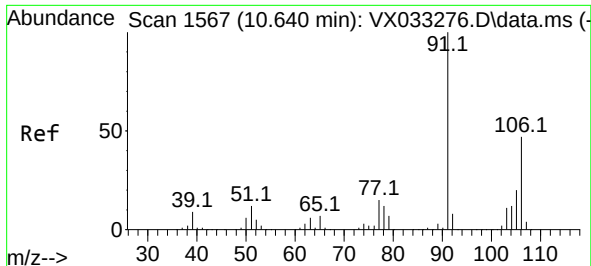


#68
m/p-Xylenes
Concen: 42.927 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



Tgt Ion:106 Resp: 114637
Ion Ratio Lower Upper
106 100
91 201.4 164.5 246.7





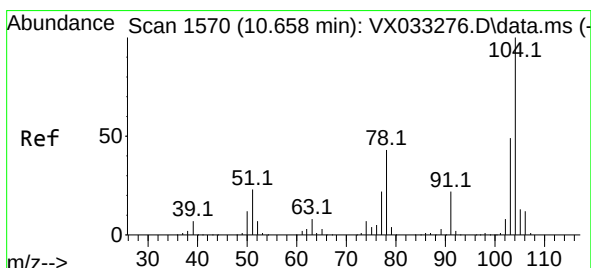
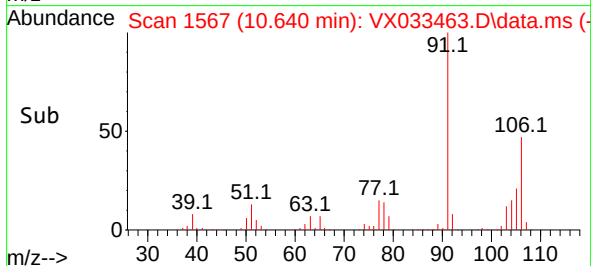
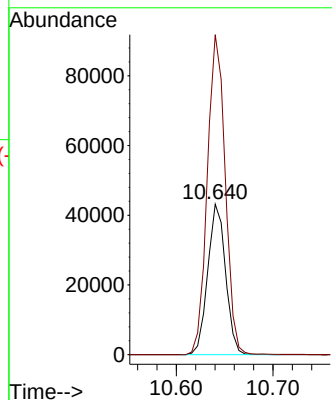
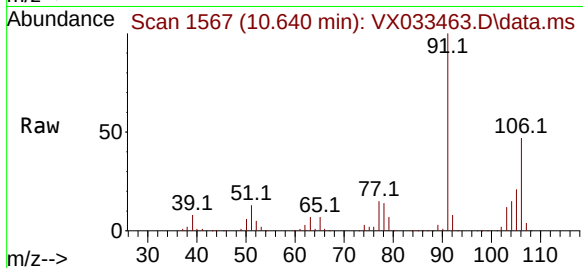
#69
o-Xylene
Concen: 21.031 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion:106 Resp: 5551
Ion Ratio Lower Upper
106 100
91 213.5 109.2 327.6

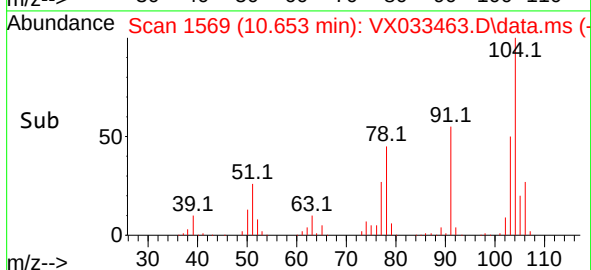
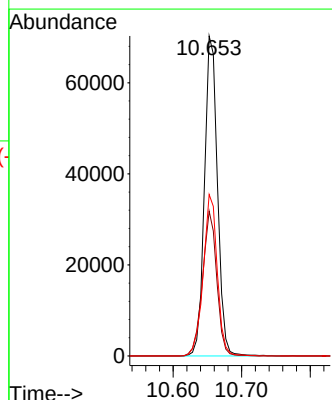
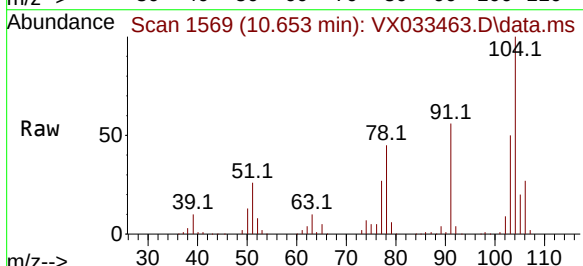
Manual Integrations
APPROVED

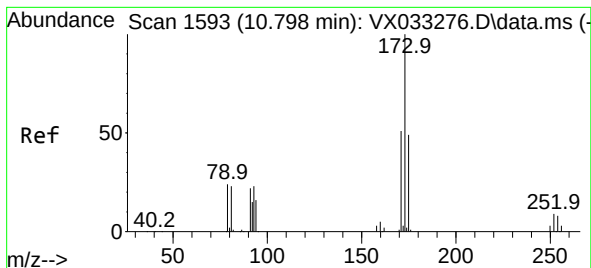
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#70
Styrene
Concen: 21.536 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

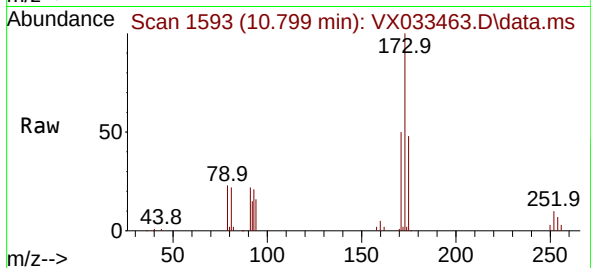
Tgt Ion:104 Resp: 93104
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 54.4 44.5 66.7





#71
Bromoform
Concen: 19.720 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

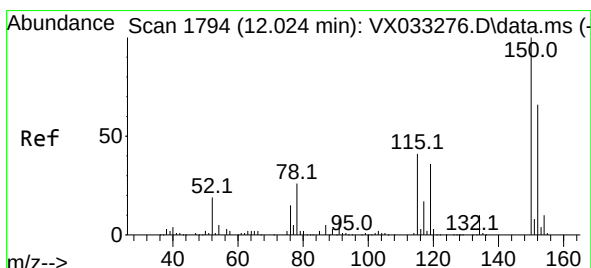
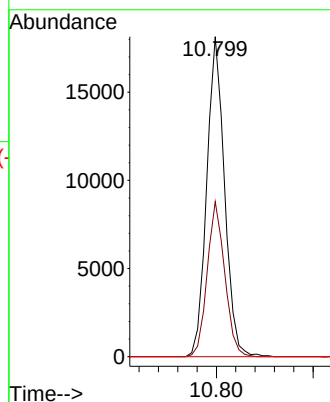
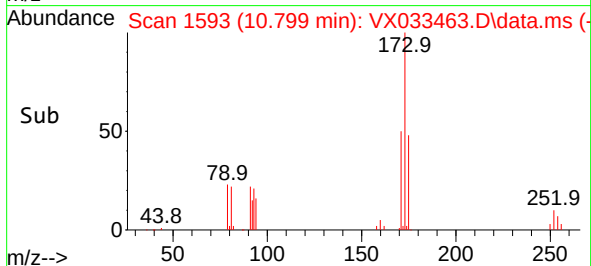
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



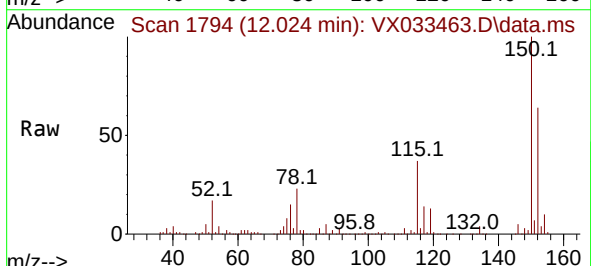
Tgt Ion:173 Resp: 2324
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

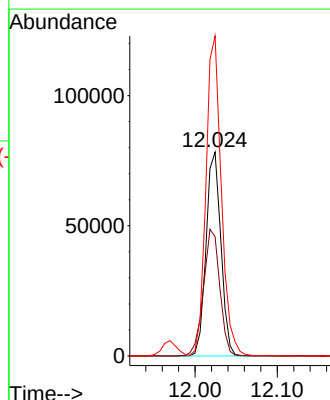
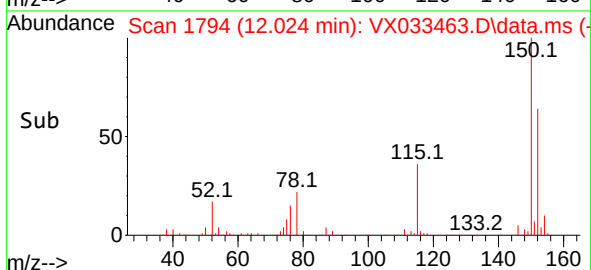
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

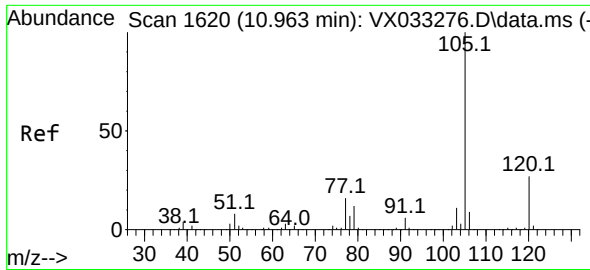


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



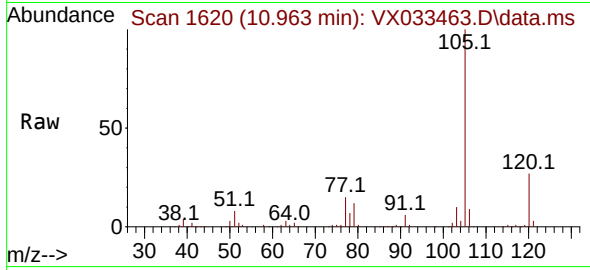
Tgt Ion:152 Resp: 98188
Ion Ratio Lower Upper
152 100
115 68.3 44.0 132.0
150 162.6 0.0 351.8





#73
Isopropylbenzene
Concen: 20.645 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

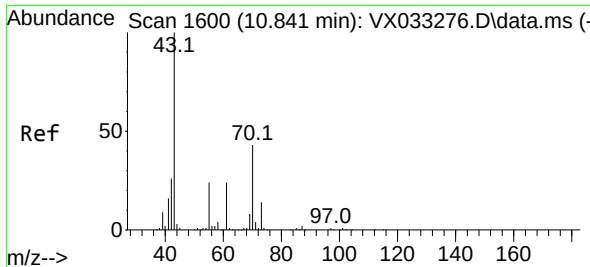
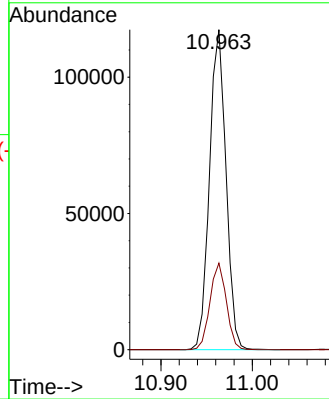
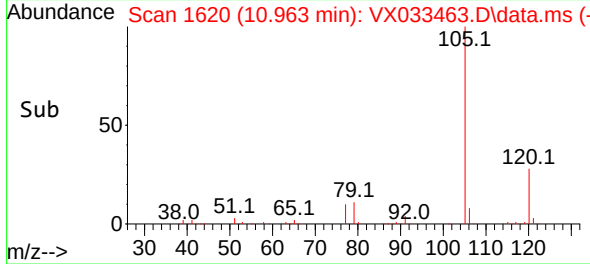
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



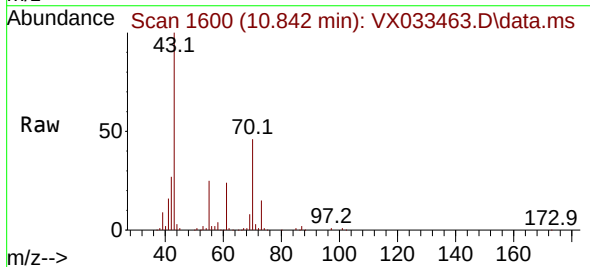
Tgt Ion:105 Resp: 14692
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3

Manual Integrations
APPROVED

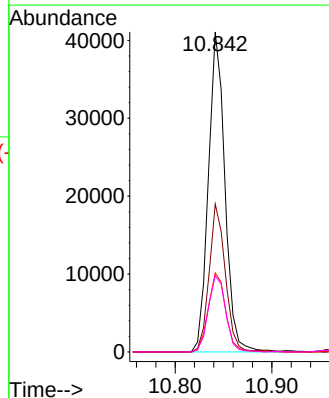
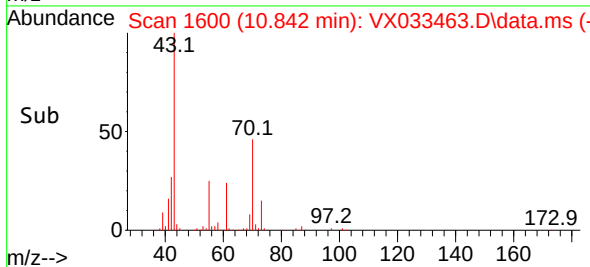
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

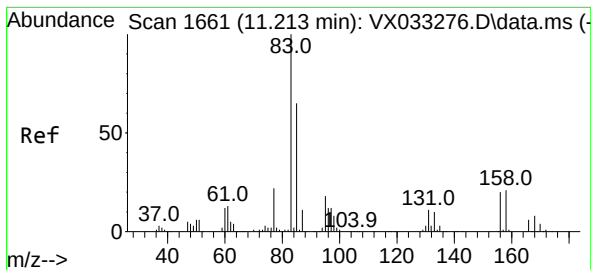


#74
N-ethyl acetate
Concen: 20.184 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



Tgt Ion: 43 Resp: 49008
Ion Ratio Lower Upper
43 100
70 45.5 33.6 50.4
55 26.0 19.4 29.2
61 24.9 18.8 28.2





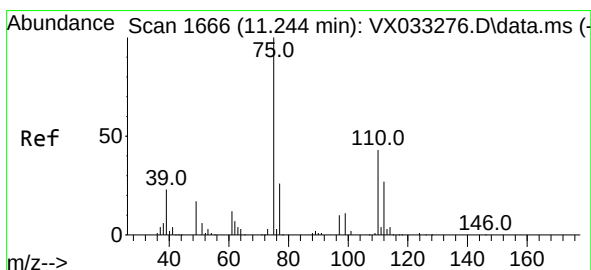
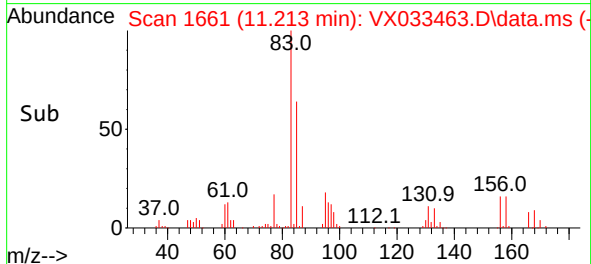
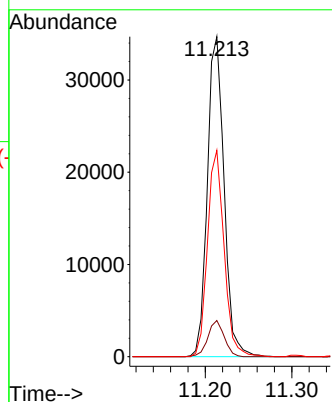
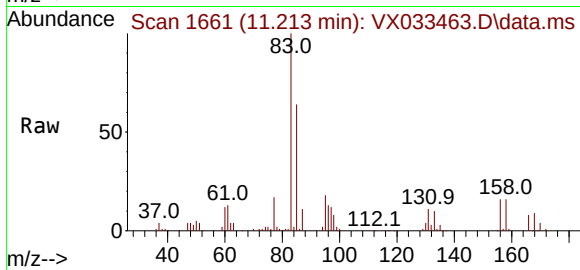
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.599 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD02

Tgt Ion: 83 Resp: 4650
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.4 16.2
 85 64.0 31.9 95.9

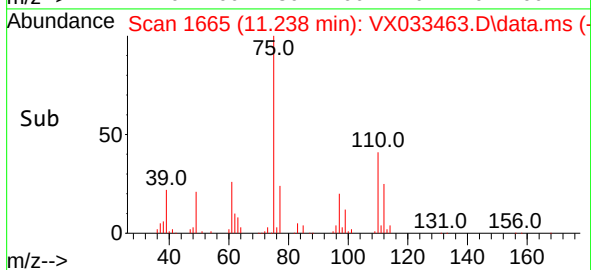
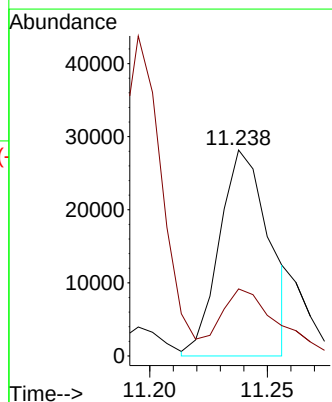
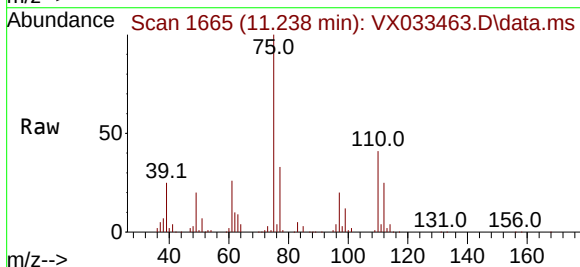
Manual Integrations
 APPROVED

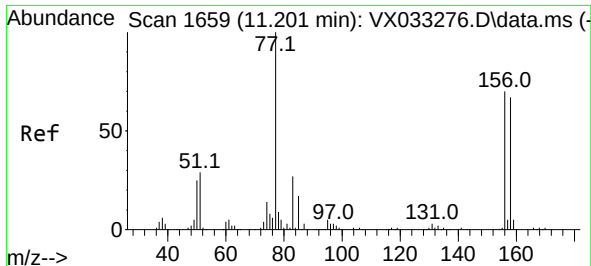
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#76
 1,2,3-Trichloropropane
 Concen: 20.695 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14

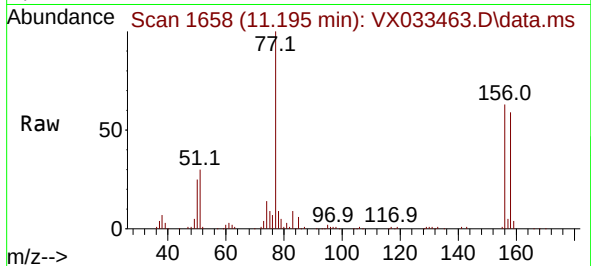
Tgt Ion: 75 Resp: 41341
 Ion Ratio Lower Upper
 75 100
 77 38.0 20.0 60.0





#77
Bromobenzene
Concen: 20.424 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

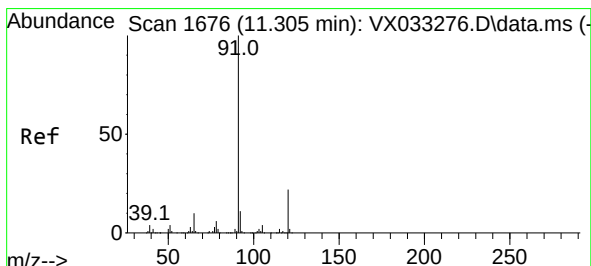
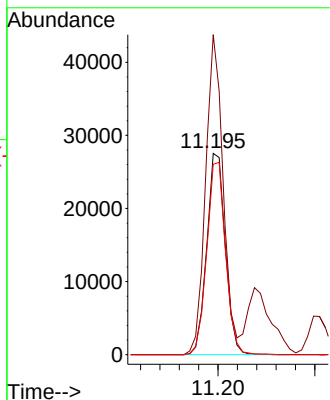
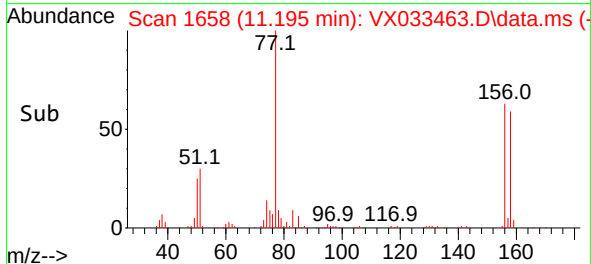
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



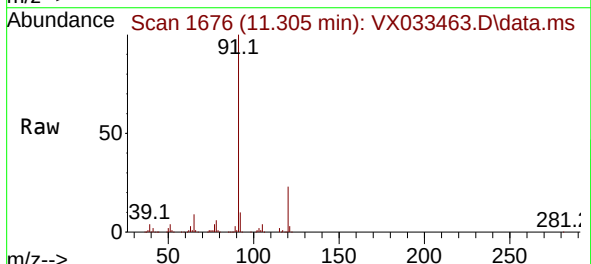
Tgt Ion:156 Resp: 36704
Ion Ratio Lower Upper
156 100
77 149.1 76.1 228.4
158 96.6 48.8 146.3

Manual Integrations
APPROVED

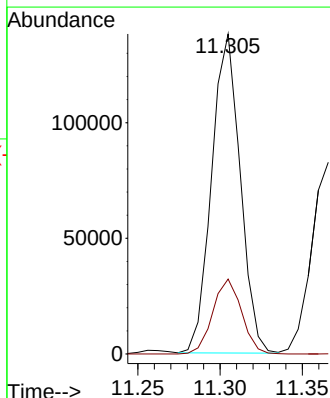
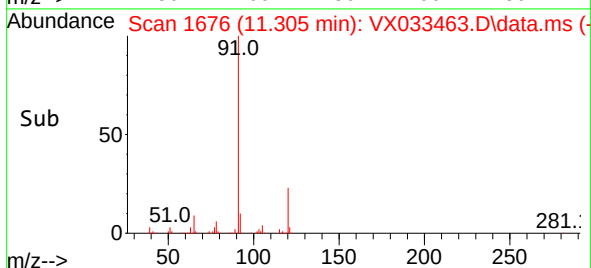
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

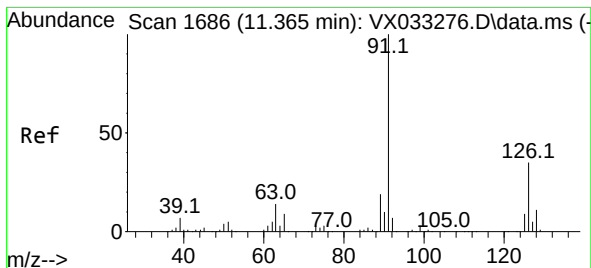


#78
n-propylbenzene
Concen: 20.996 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



Tgt Ion: 91 Resp: 166845
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





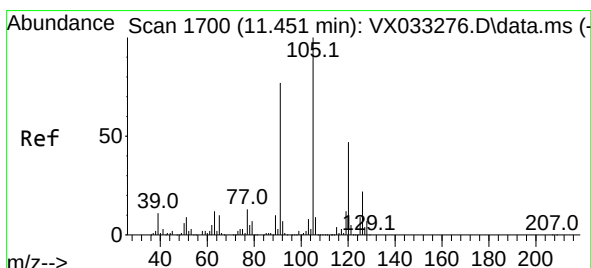
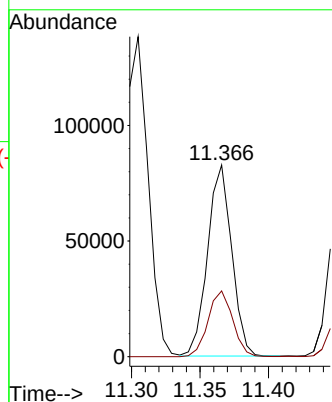
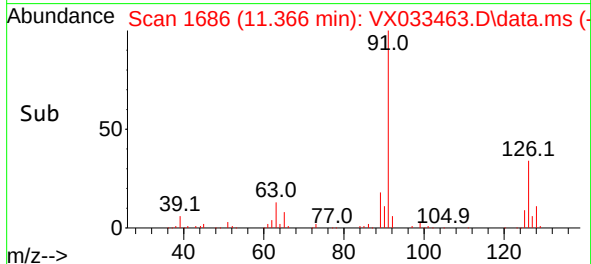
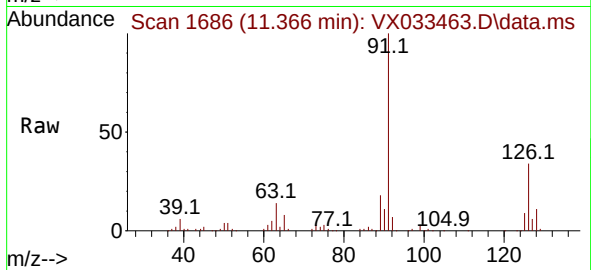
#79
2-Chlorotoluene
Concen: 20.619 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Tgt Ion: 91 Resp: 10126
Ion Ratio Lower Upper
91 100
126 35.3 17.1 51.2

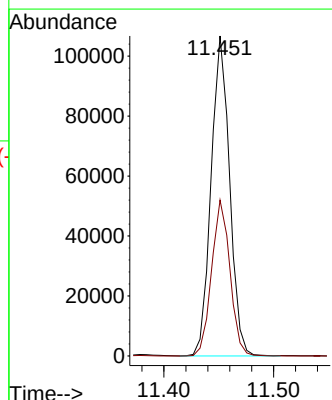
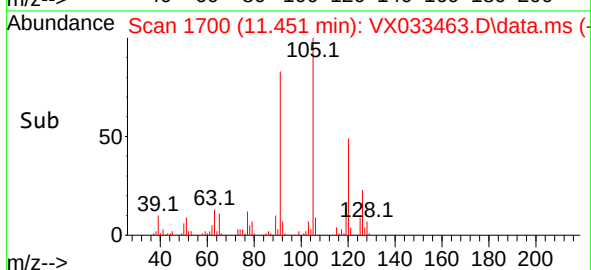
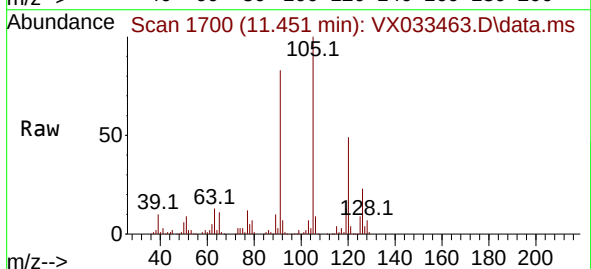
Manual Integrations
APPROVED

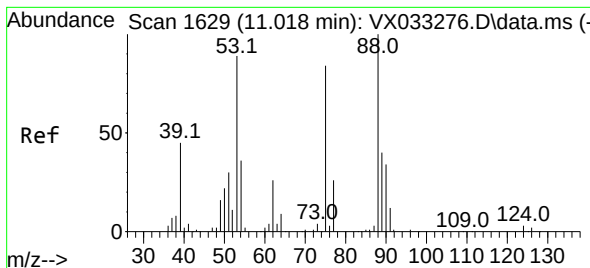
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.115 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

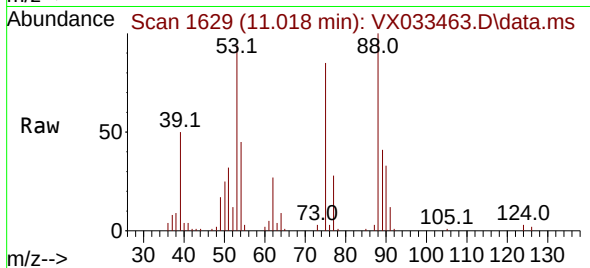
Tgt Ion:105 Resp: 125086
Ion Ratio Lower Upper
105 100
120 48.3 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.076 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

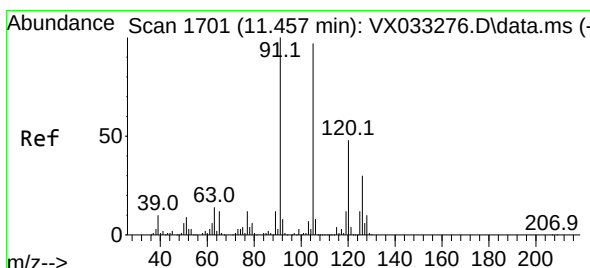
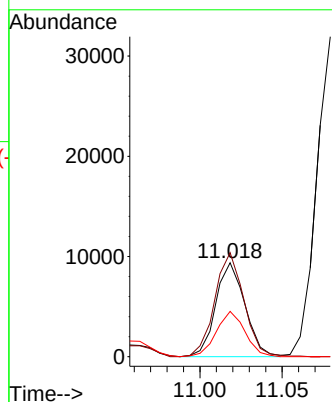
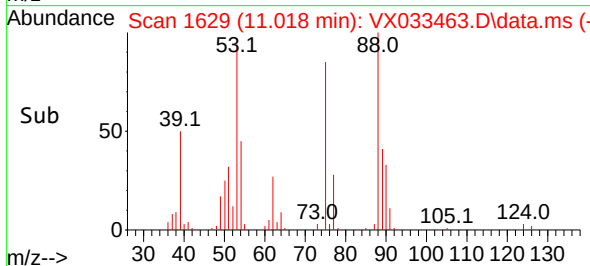
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



Tgt Ion: 75 Resp: 11608
Ion Ratio Lower Upper
75 100
53 110.5 86.9 130.3
89 47.2 38.3 57.5

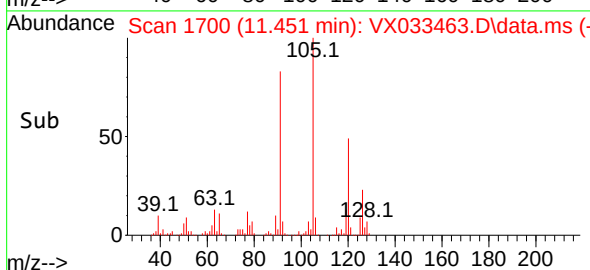
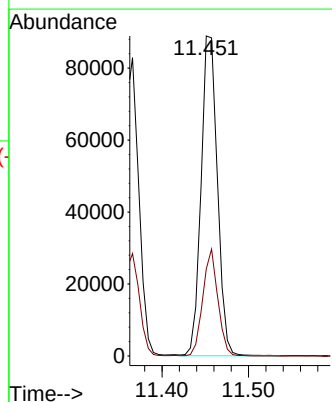
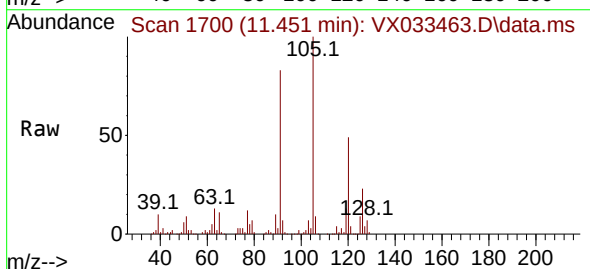
Manual Integrations
APPROVED

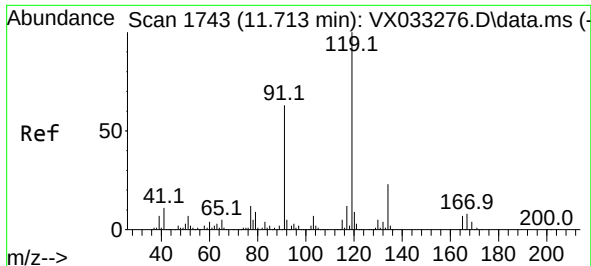
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#82
4-Chlorotoluene
Concen: 20.380 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

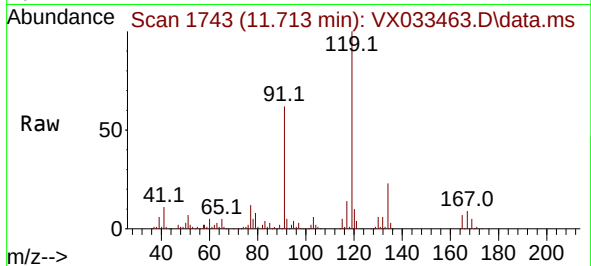
Tgt Ion: 91 Resp: 116381
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4





#83
tert-Butylbenzene
Concen: 20.695 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

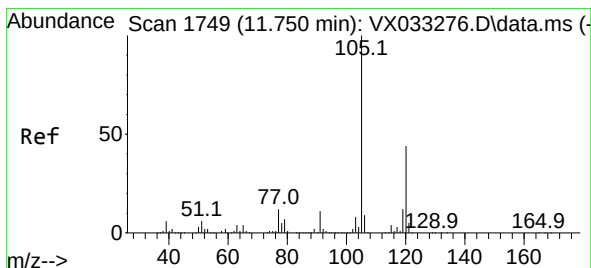
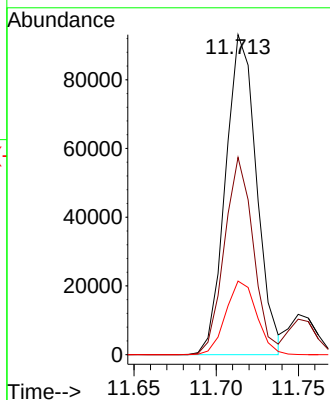
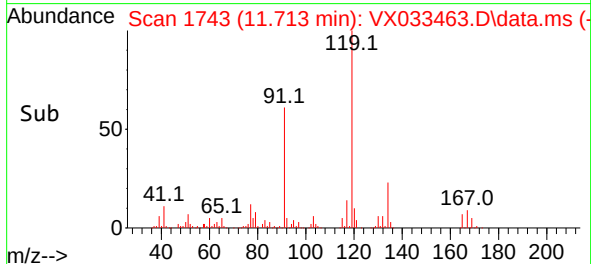
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



Tgt Ion:119 Resp: 12225
Ion Ratio Lower Upper
119 100
91 57.7 29.4 88.2
134 23.0 11.0 33.0

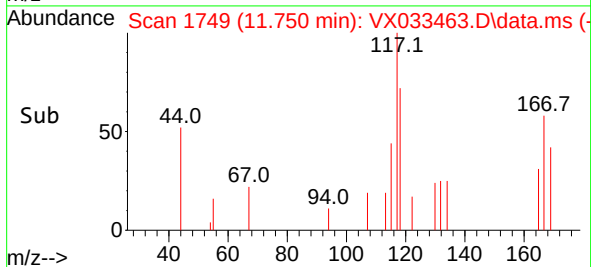
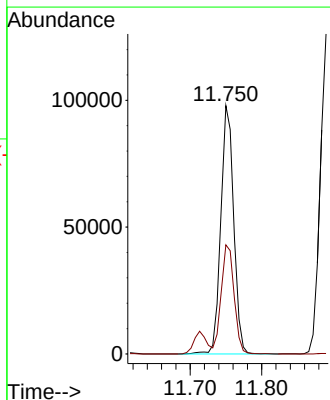
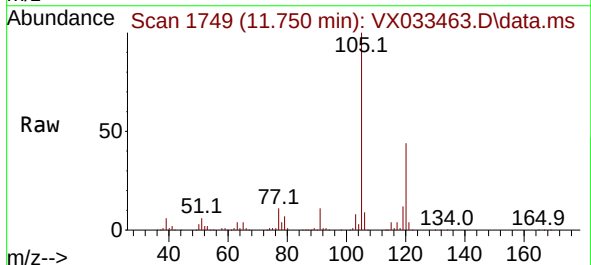
Manual Integrations
APPROVED

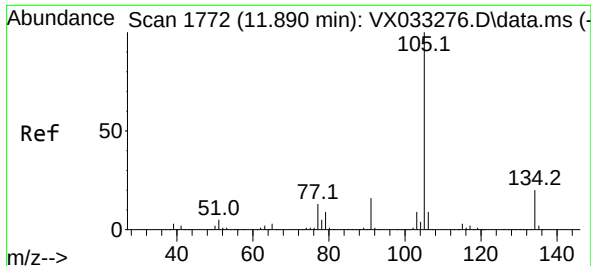
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.781 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

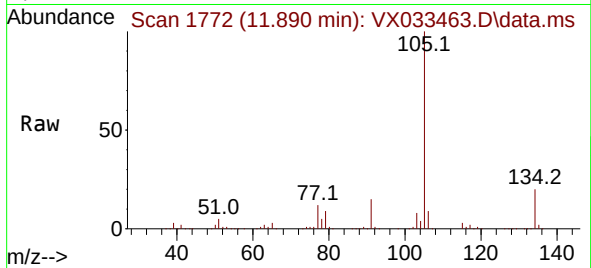
Tgt Ion:105 Resp: 122884
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 21.785 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14

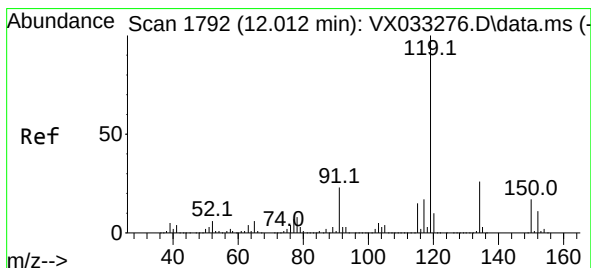
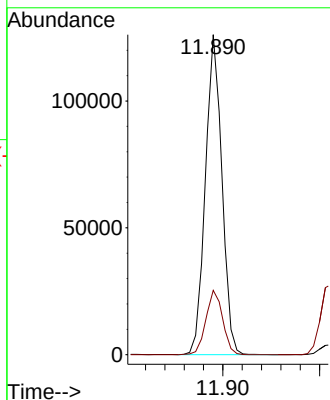
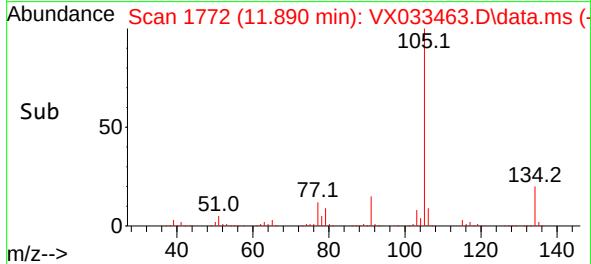
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD02



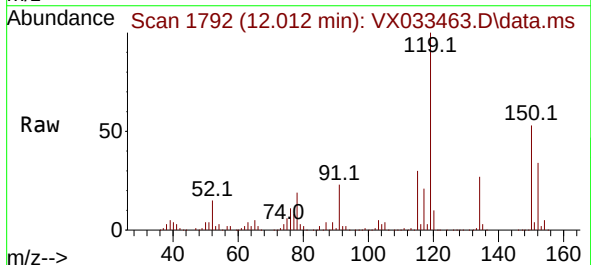
Tgt Ion:105 Resp: 15015
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7

Manual Integrations
 APPROVED

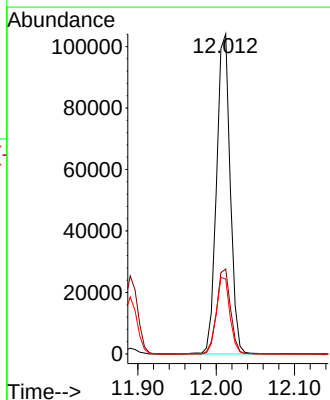
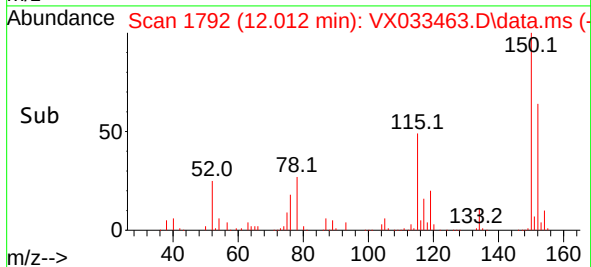
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

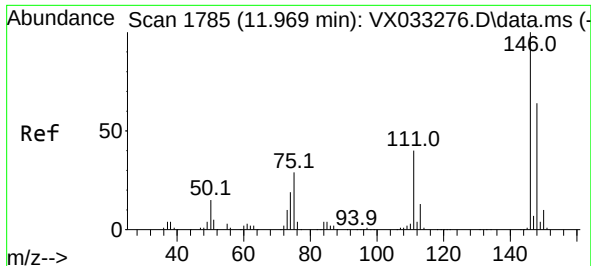


#86
 p-Isopropyltoluene
 Concen: 21.261 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033463.D
 Acq: 16 Dec 2022 16:14



Tgt Ion:119 Resp: 126338
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 24.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 21.185 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

Tgt Ion:146 Resp: 6896

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

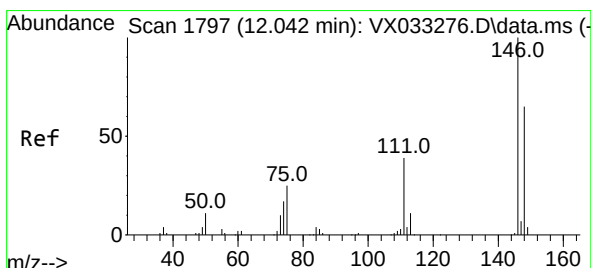
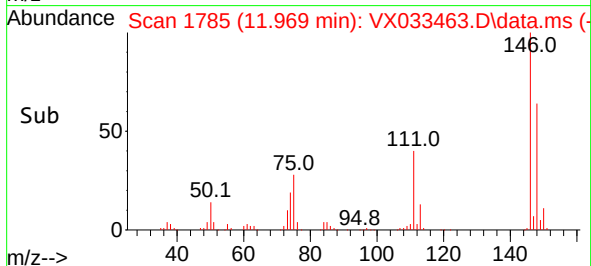
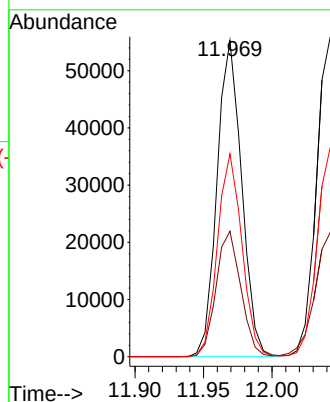
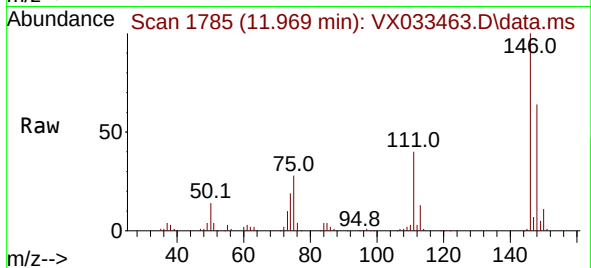
148 63.8 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#88

1,4-Dichlorobenzene

Concen: 20.683 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

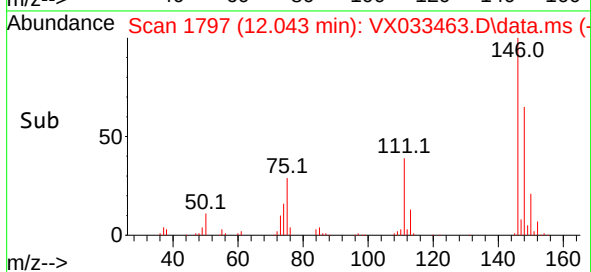
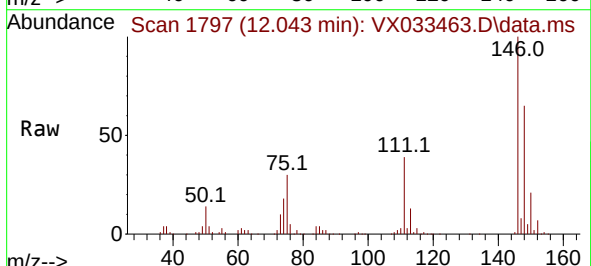
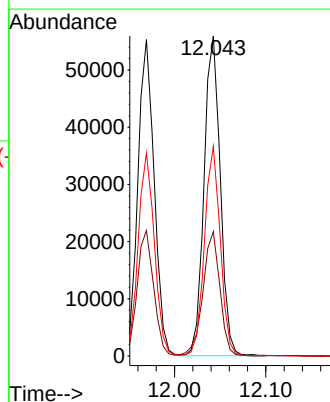
Tgt Ion:146 Resp: 68774

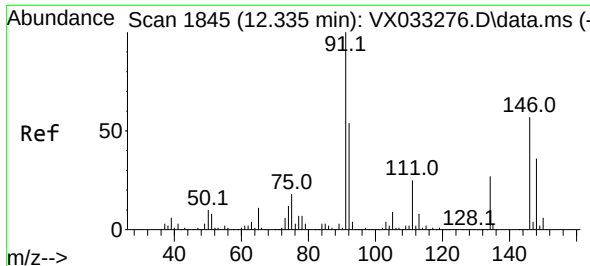
Ion Ratio Lower Upper

146 100

111 40.8 20.5 61.6

148 63.8 32.2 96.6





#89

n-Butylbenzene

Concen: 21.759 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033463.D

Acq: 16 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD02

Tgt Ion: 91 Resp: 10589

Ion Ratio Lower Upper

91 100

92 51.1 26.2 78.6

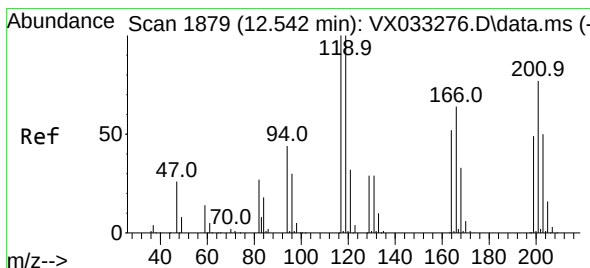
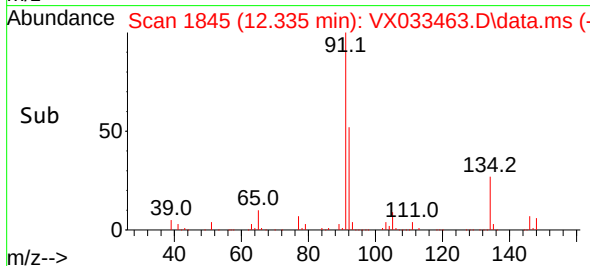
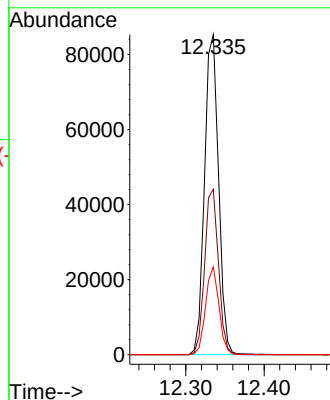
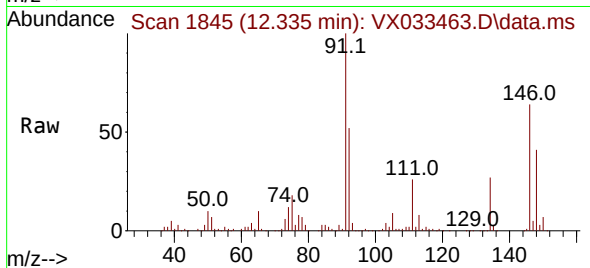
134 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#90

Hexachloroethane

Concen: 19.449 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX033463.D

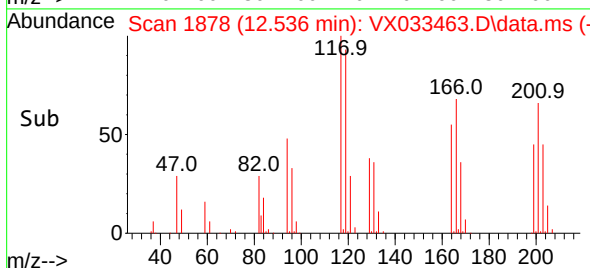
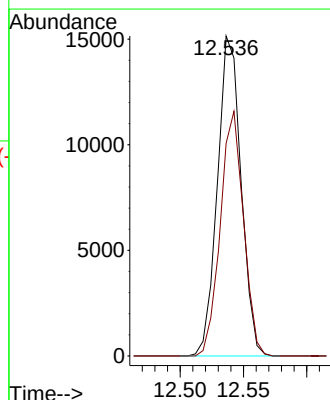
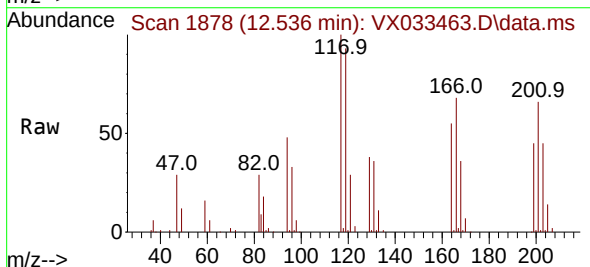
Acq: 16 Dec 2022 16:14

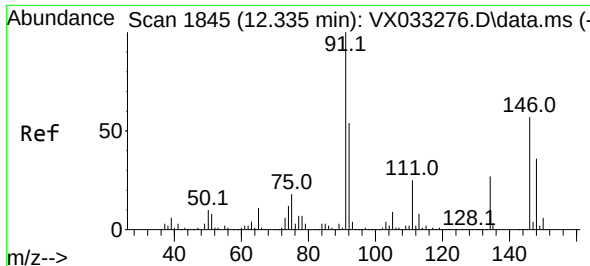
Tgt Ion:117 Resp: 19645

Ion Ratio Lower Upper

117 100

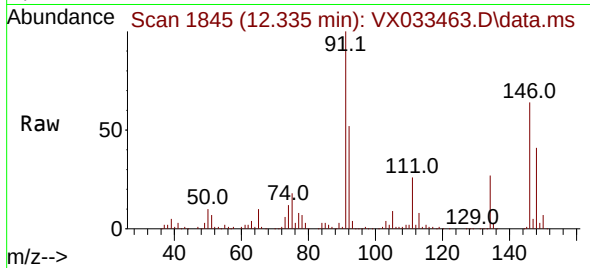
201 74.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 20.680 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

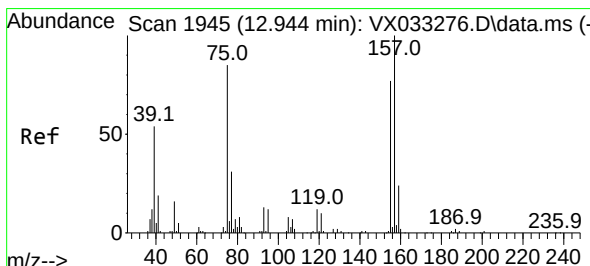
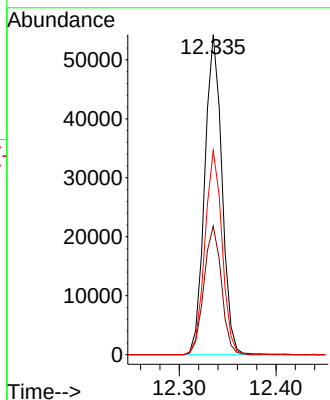
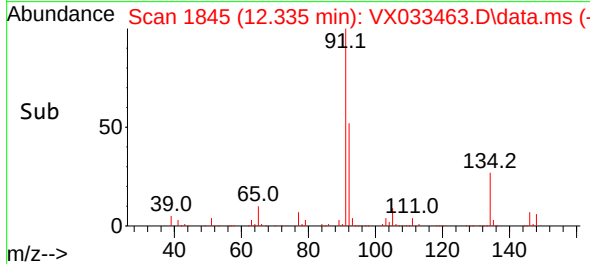
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



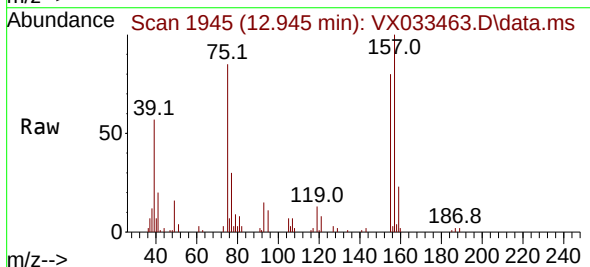
Tgt Ion:146 Resp: 6730
Ion Ratio Lower Upper
146 100
111 40.7 21.5 64.5
148 63.6 32.0 96.2

Manual Integrations
APPROVED

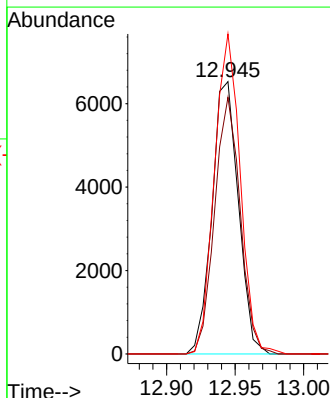
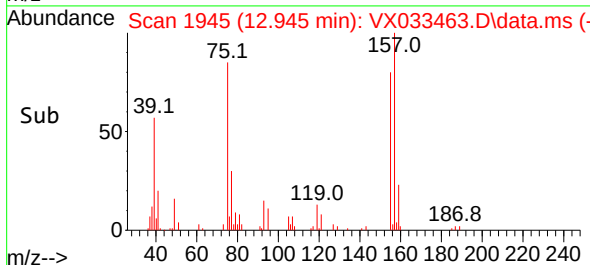
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

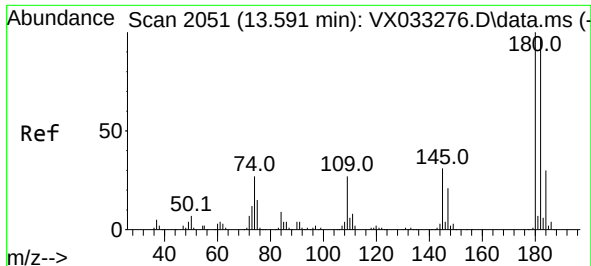


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.950 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



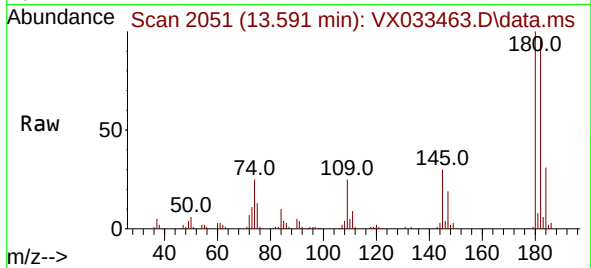
Tgt Ion: 75 Resp: 8754
Ion Ratio Lower Upper
75 100
155 91.2 41.6 124.8
157 114.6 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 20.529 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

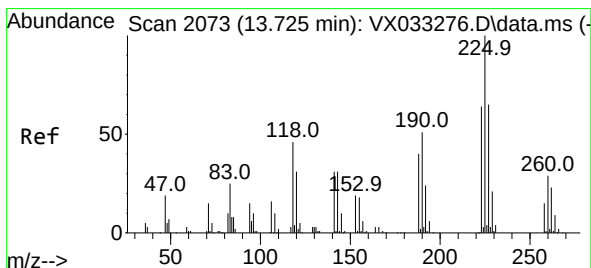
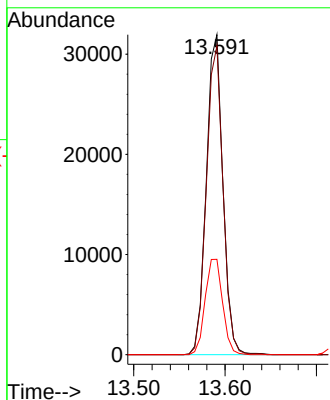
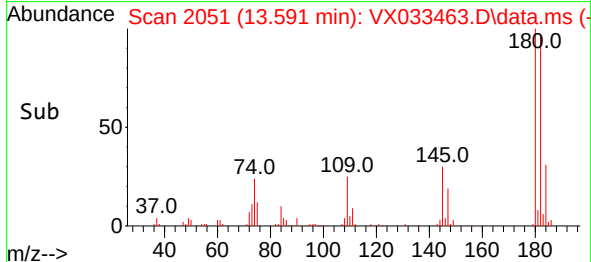
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



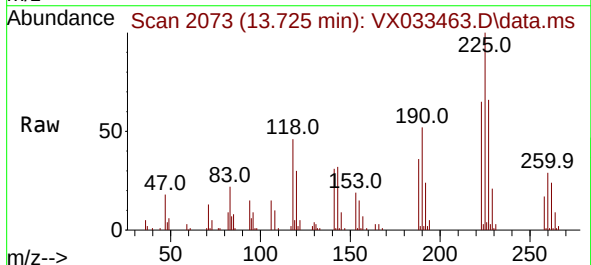
Tgt Ion:180 Resp: 4035
Ion Ratio Lower Upper
180 100
182 96.4 48.4 145.0
145 31.4 16.2 48.5

Manual Integrations
APPROVED

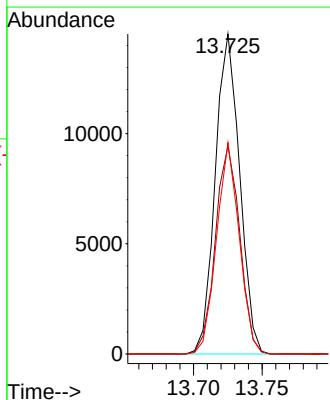
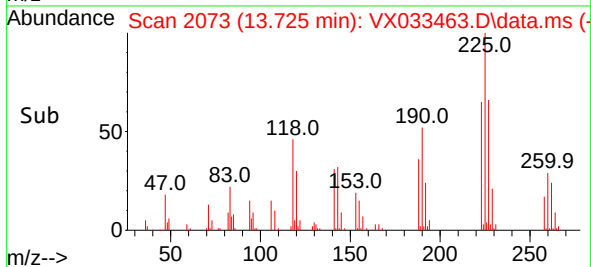
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

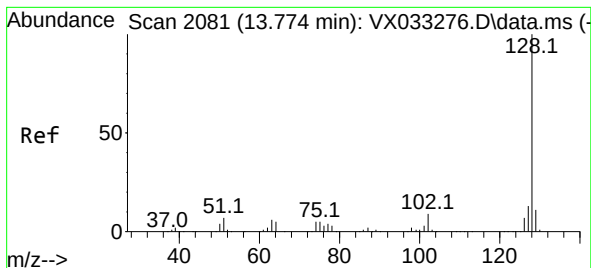


#94
Hexachlorobutadiene
Concen: 22.819 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



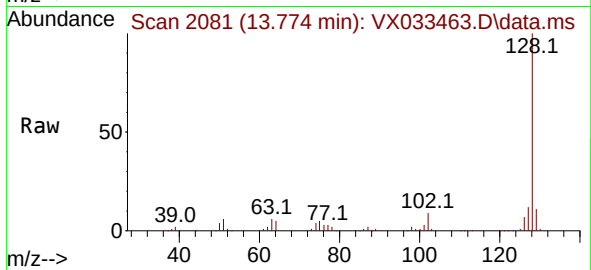
Tgt Ion:225 Resp: 17961
Ion Ratio Lower Upper
225 100
223 65.0 31.9 95.9
227 61.4 31.9 95.5





#95
Naphthalene
Concen: 20.709 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14

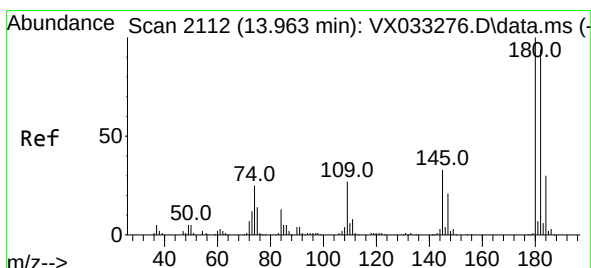
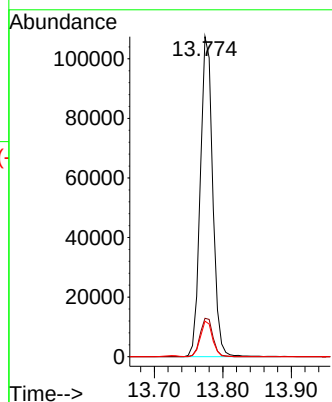
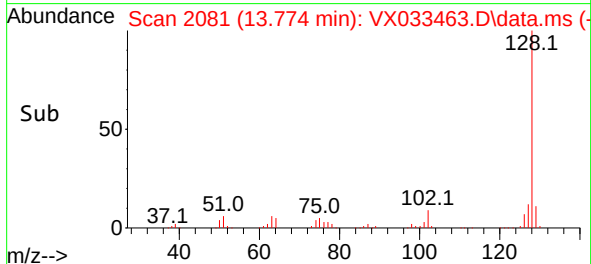
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02



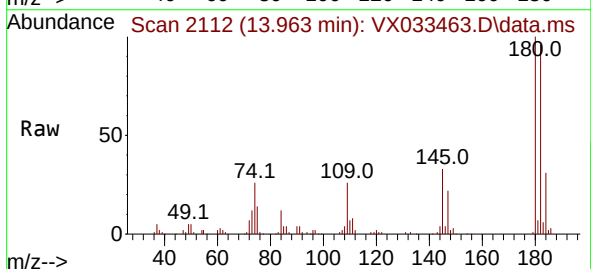
Tgt Ion:128 Resp: 135779
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.514 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033463.D
Acq: 16 Dec 2022 16:14



Tgt Ion:180 Resp: 40838
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.6
145 33.1 16.9 50.6

