

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033526.D
 Acq On : 21 Dec 2022 11:39
 Operator : JC/MD
 Sample : VX1221WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2022
 Supervised By : Mahesh Dadoda 12/22/2022

Quant Time: Dec 22 03:55:48 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	5.550	168	154733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41278	41.583	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.160%		
35) Dibromofluoromethane	5.385	113	52096	49.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.400%		
50) Toluene-d8	8.647	98	106891	48.254	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.079	95	87424	51.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	19014	17.591	ug/l	93
3) Chloromethane	1.295	50	19587	15.673	ug/l	98
4) Vinyl Chloride	1.374	62	23341	16.357	ug/l	98
5) Bromomethane	1.618	94	12799	12.222	ug/l	96
6) Chloroethane	1.691	64	13956	12.894	ug/l	97
7) Trichlorofluoromethane	1.886	101	34607	12.918	ug/l	100
8) Diethyl Ether	2.130	74	12239	12.648	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	28733	20.219	ug/l	95
10) Methyl Iodide	2.453	142	31118	19.993	ug/l	96
11) Tert butyl alcohol	2.995	59	28843m	95.038	ug/l	
12) 1,1-Dichloroethene	2.319	96	26270	18.727	ug/l	95
13) Acrolein	2.239	56	18997	57.715	ug/l	99
14) Allyl chloride	2.666	41	39309	17.547	ug/l	92
15) Acrylonitrile	3.063	53	67911	90.333	ug/l	98
16) Acetone	2.386	43	69787	95.007	ug/l	94
17) Carbon Disulfide	2.514	76	61738	17.148	ug/l	98
18) Methyl Acetate	2.703	43	38337	18.029	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	94117	19.369	ug/l	97
20) Methylene Chloride	2.788	84	29726	18.146	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	28558	18.611	ug/l	100
22) Diisopropyl ether	3.757	45	87555	18.242	ug/l	93
23) Vinyl Acetate	3.721	43	332660	89.297	ug/l	96
24) 1,1-Dichloroethane	3.611	63	51370	18.216	ug/l	97
25) 2-Butanone	4.556	43	96252	91.288	ug/l	96
26) 2,2-Dichloropropane	4.477	77	41889	20.199	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	35844	19.545	ug/l	93
28) Bromochloromethane	4.891	49	20854	17.665	ug/l	85
29) Tetrahydrofuran	5.007	42	58030	84.946	ug/l	94
30) Chloroform	5.093	83	59103	18.878	ug/l	99
31) Cyclohexane	5.471	56	42295	17.928	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	53155	19.733	ug/l	96
36) 1,1-Dichloropropene	5.696	75	40382	19.560	ug/l	99
37) Ethyl Acetate	4.709	43	34181	17.515	ug/l	98
38) Carbon Tetrachloride	5.672	117	46988	20.314	ug/l	99
39) Methylcyclohexane	7.379	83	47003	20.341	ug/l	96
40) Benzene	6.038	78	118955	19.762	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19809	18.420	ug/l	92
42) 1,2-Dichloroethane	6.086	62	44100	18.450	ug/l	95
43) Isopropyl Acetate	6.336	43	59211	18.857	ug/l	96
44) Trichloroethene	7.123	130	34715	20.918	ug/l	98
45) 1,2-Dichloropropane	7.428	63	30263	19.659	ug/l	98
46) Dibromomethane	7.580	93	23443	19.991	ug/l	96
47) Bromodichloromethane	7.824	83	45811	20.040	ug/l	100
48) Methyl methacrylate	7.690	41	29300	18.080	ug/l	88
49) 1,4-Dioxane	7.702	88	14677	397.166	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	187372	94.360	ug/l	95
52) Toluene	8.720	92	78501	20.171	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	44616	19.763	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	48631	19.992	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	33399	20.415	ug/l	98
56) Ethyl methacrylate	9.116	69	46314	20.107	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	52144	19.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	97249	92.272	ug/l	95
59) 2-Hexanone	9.427	43	141925	96.988	ug/l	93
60) Dibromochloromethane	9.519	129	37703	20.917	ug/l	98
61) 1,2-Dibromoethane	9.610	107	35072	20.154	ug/l	99
64) Tetrachloroethene	9.275	164	30044	20.843	ug/l	97
65) Chlorobenzene	10.080	112	87420	20.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	33621	20.842	ug/l	99
67) Ethyl Benzene	10.195	91	153637	20.659	ug/l	99
68) m/p-Xylenes	10.299	106	121087	41.850	ug/l	96
69) o-Xylene	10.640	106	59652	20.858	ug/l	95
70) Styrene	10.653	104	97438	20.803	ug/l	98
71) Bromoform	10.799	173	27907	21.856	ug/l #	98
73) Isopropylbenzene	10.964	105	157113	20.435	ug/l	99
74) N-amyl acetate	10.842	43	50674	19.318	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	49104	20.132	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42981m	19.916	ug/l	
77) Bromobenzene	11.201	156	39981	20.593	ug/l	95
78) n-propylbenzene	11.305	91	173898	20.257	ug/l	99
79) 2-Chlorotoluene	11.366	91	106322	20.040	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	131990	20.624	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	12967	18.691	ug/l	92
82) 4-Chlorotoluene	11.457	91	123678	20.048	ug/l	97
83) tert-Butylbenzene	11.713	119	133637	20.940	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	131736	20.621	ug/l	99
85) sec-Butylbenzene	11.890	105	156409	21.006	ug/l	99
86) p-Isopropyltoluene	12.012	119	134135	20.895	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	73663	20.946	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	75049	20.892	ug/l	98
89) n-Butylbenzene	12.335	91	110234	20.966	ug/l	99
90) Hexachloroethane	12.536	117	20889	19.143	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	71970	20.469	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9809	18.618	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	44536	20.973	ug/l	99
94) Hexachlorobutadiene	13.725	225	19861	23.357	ug/l	99
95) Naphthalene	13.774	128	148148	20.915	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45737	21.266	ug/l	98

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VX1221WBSD01

Manual Integrations
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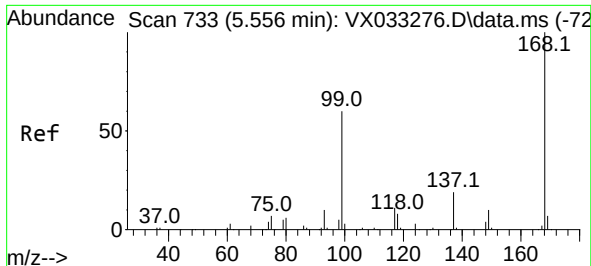
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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

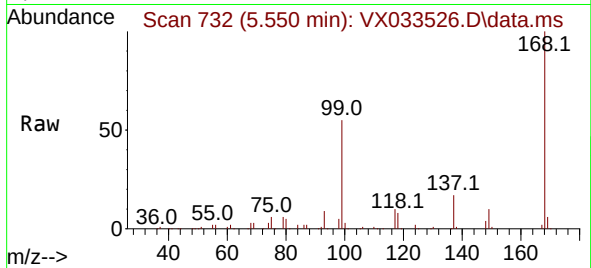
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Supervised By :Mahesh Dadoda 12/22/2022

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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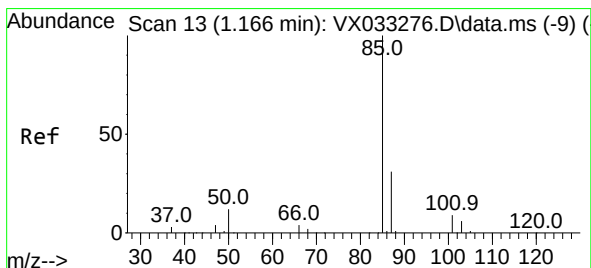
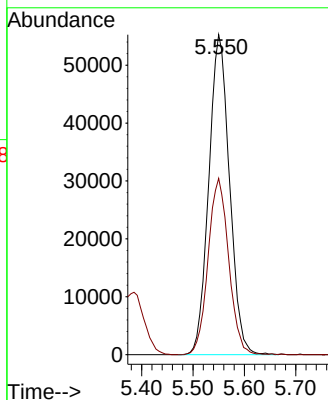
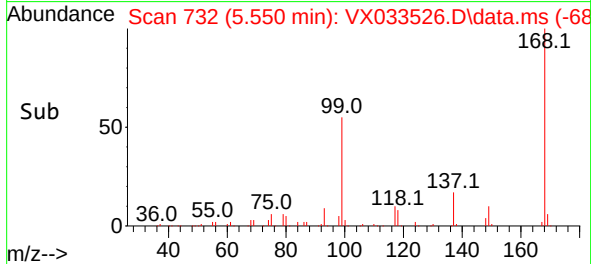
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 15473
Ion Ratio Lower Upper
168 100
99 55.1 46.1 69.1

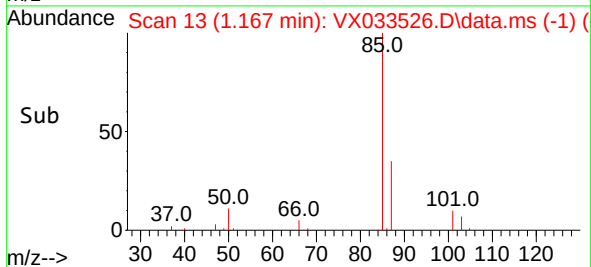
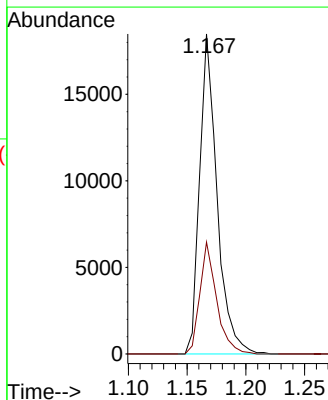
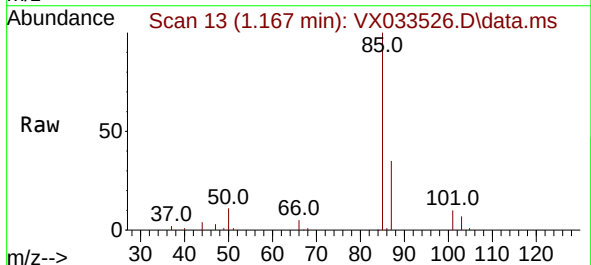
Manual Integrations
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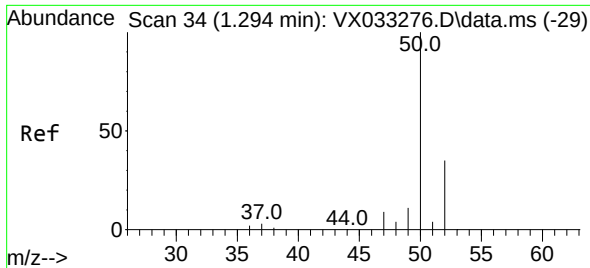
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#2
Dichlorodifluoromethane
Concen: 17.591 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

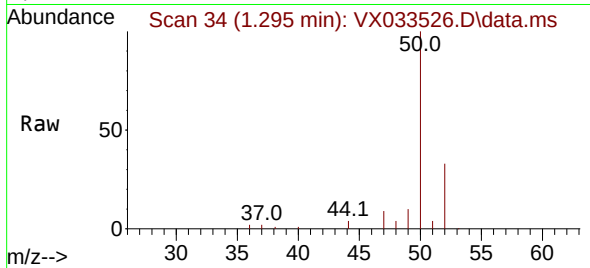
Tgt Ion: 85 Resp: 19014
Ion Ratio Lower Upper
85 100
87 34.9 15.6 46.7





#3
Chloromethane
Concen: 15.673 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

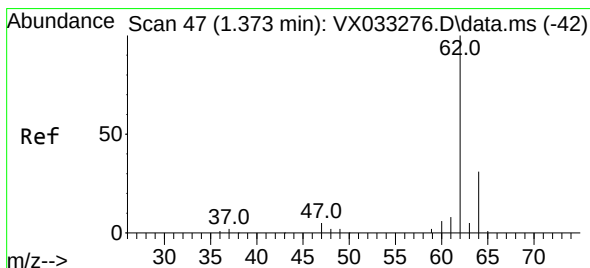
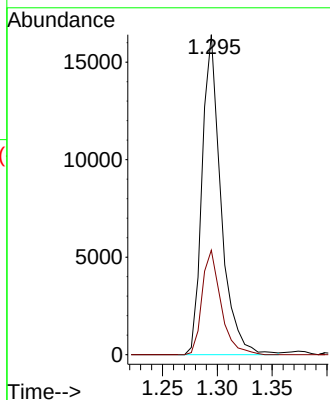
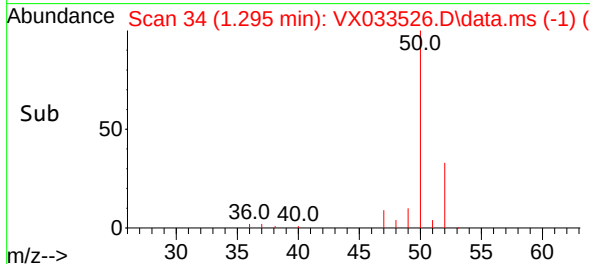
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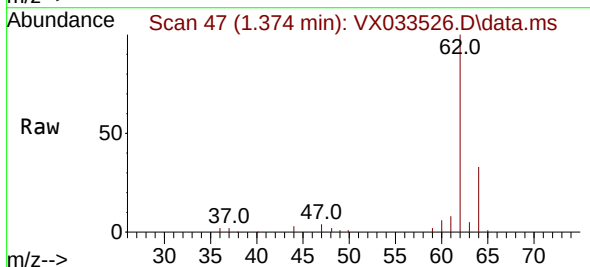
Tgt Ion: 50 Resp: 1958
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

Manual Integrations
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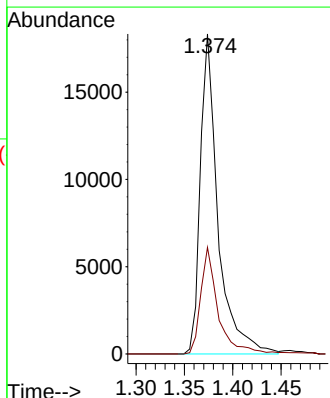
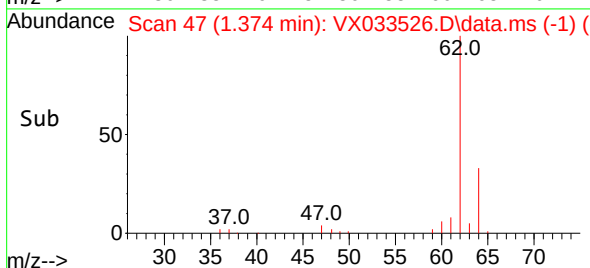
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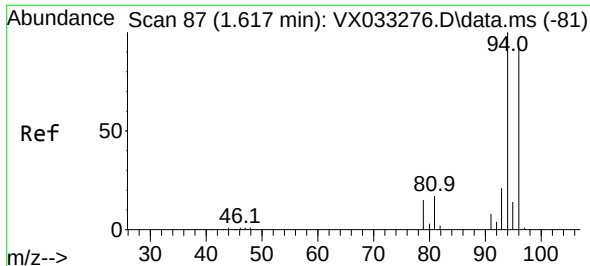


#4
Vinyl Chloride
Concen: 16.357 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



Tgt Ion: 62 Resp: 23341
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6





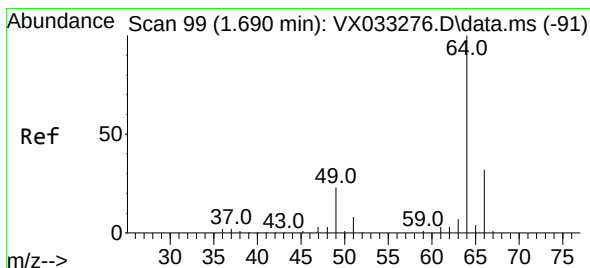
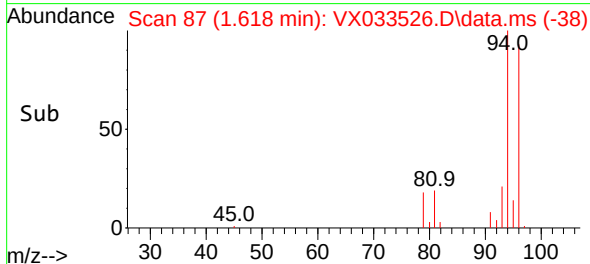
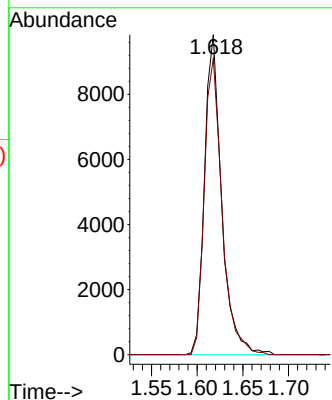
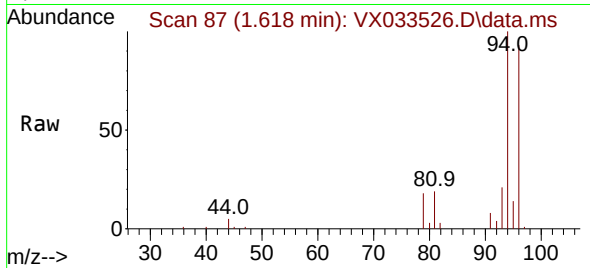
#5
Bromomethane
Concen: 12.222 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033526.D
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Tgt Ion: 94 Resp: 12799
Ion Ratio Lower Upper
94 100
96 92.6 77.6 116.4

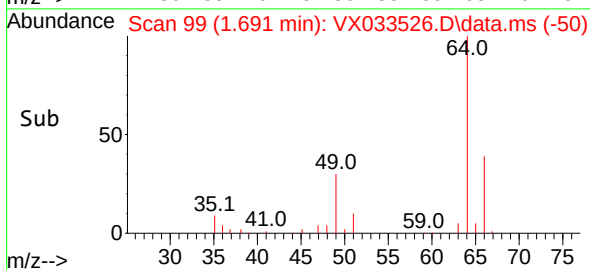
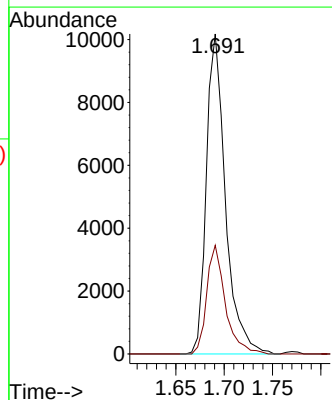
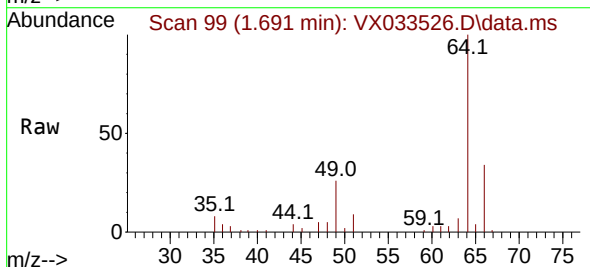
Manual Integrations
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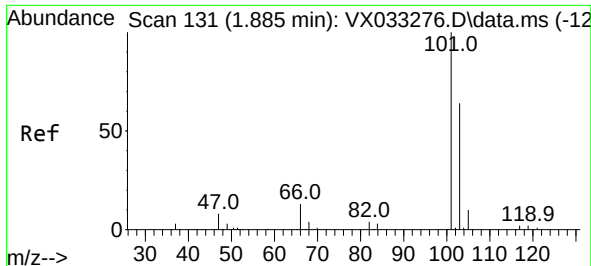
Reviewed By :John Carlone 12/22/2022
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#6
Chloroethane
Concen: 12.894 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

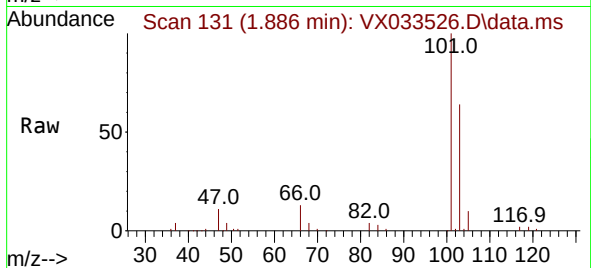
Tgt Ion: 64 Resp: 13956
Ion Ratio Lower Upper
64 100
66 33.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 12.918 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX033526.D
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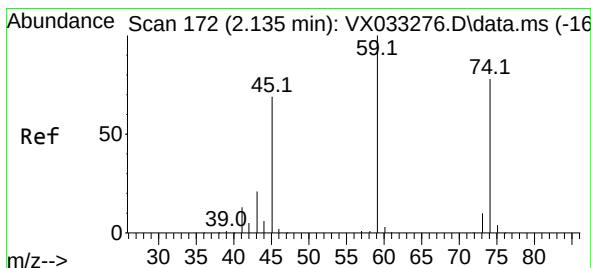
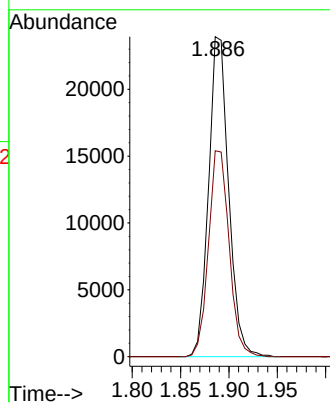
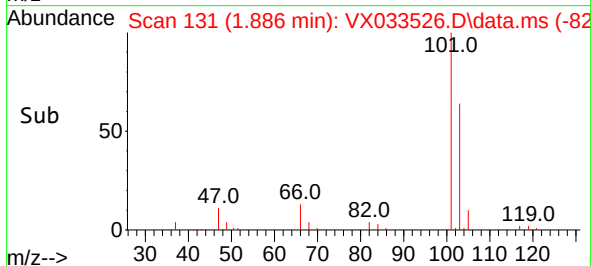
Instrument :
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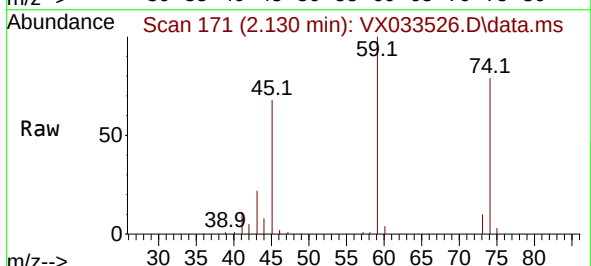
Tgt Ion:101 Resp: 3460
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

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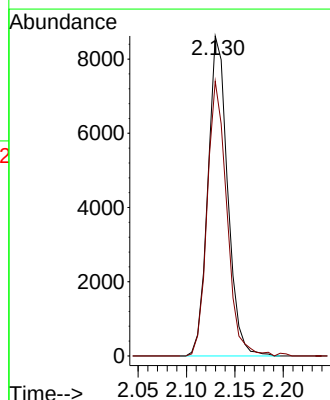
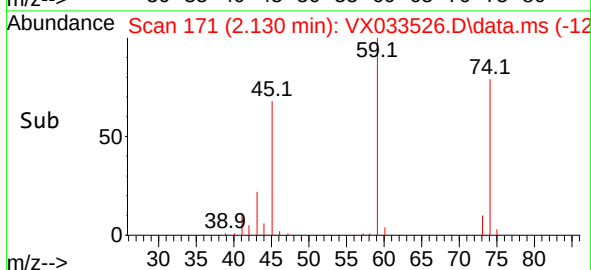
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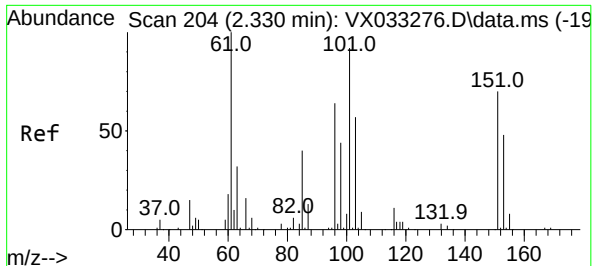


#8
Diethyl Ether
Concen: 12.648 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033526.D
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Tgt Ion: 74 Resp: 12239
Ion Ratio Lower Upper
74 100
45 85.5 46.6 139.7





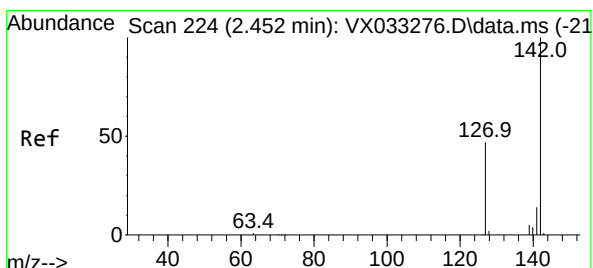
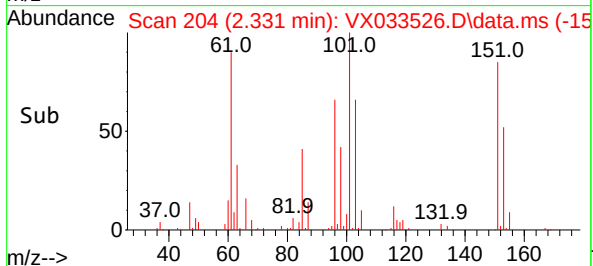
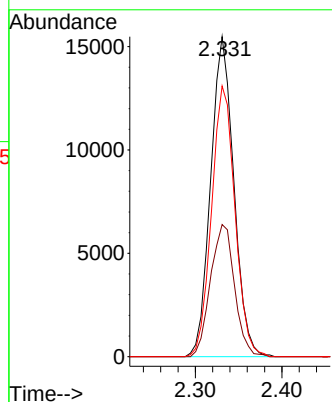
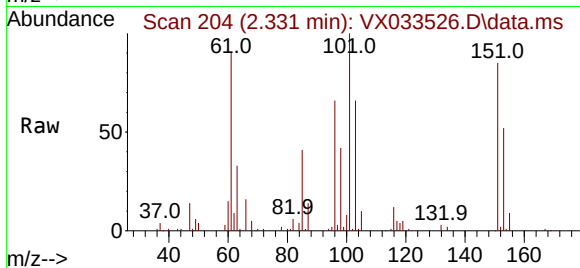
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1,1,2-Trichlorotrifluoroethane
Concen: 20.219 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion:101 Resp: 2873
Ion Ratio Lower Upper
101 100
85 42.9 37.0 55.4
151 85.5 64.4 96.6

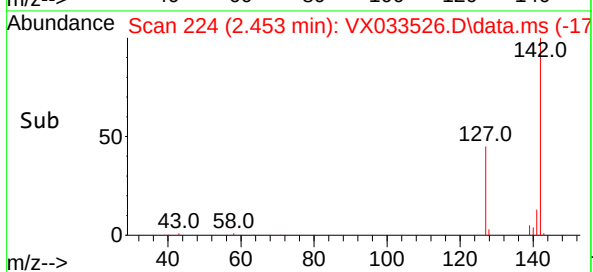
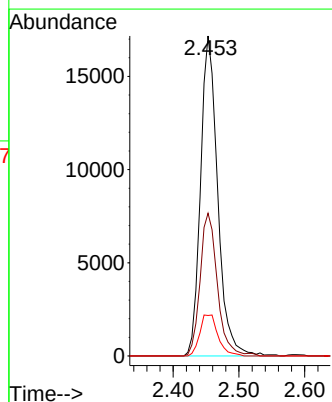
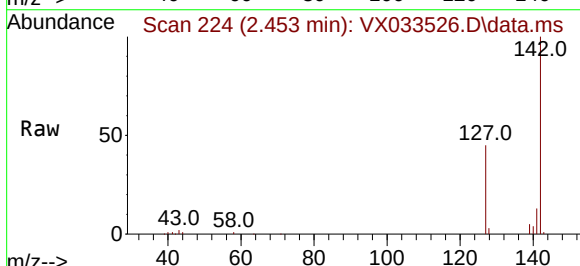
Manual Integrations
APPROVED

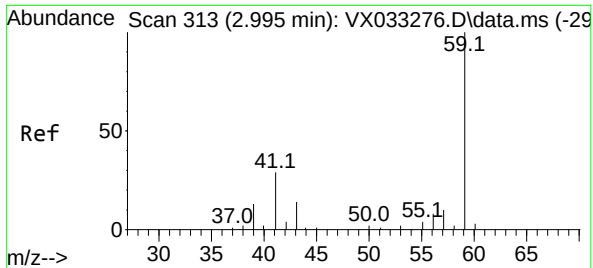
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 19.993 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

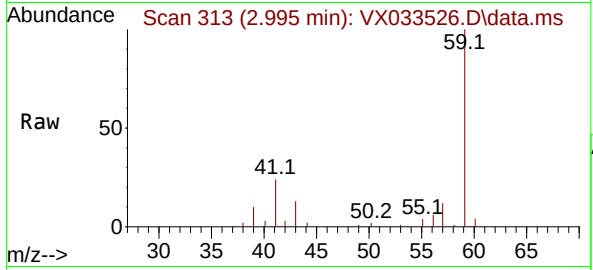
Tgt Ion:142 Resp: 31118
Ion Ratio Lower Upper
142 100
127 44.9 38.6 57.8
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 95.038 ug/l m
RT: 2.995 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

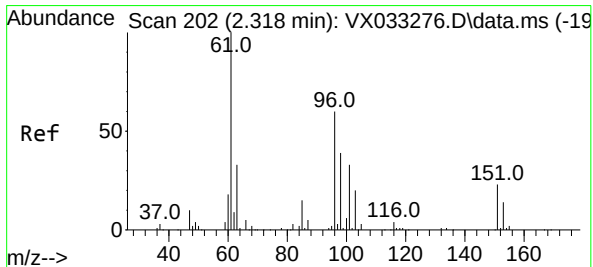
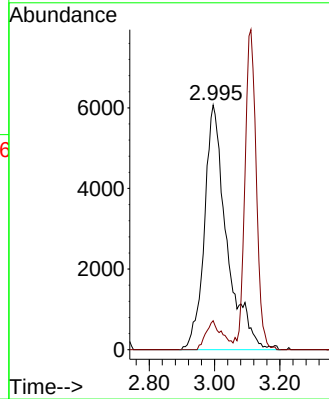
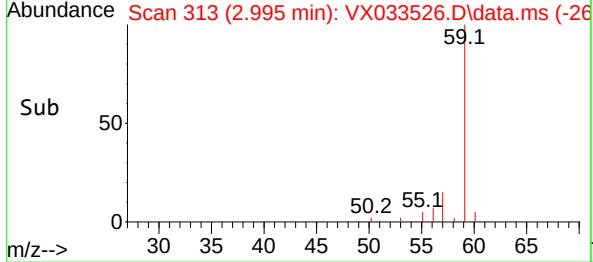
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



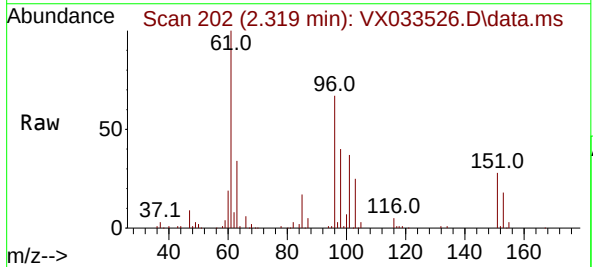
Tgt Ion: 59 Resp: 2884
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.4

Manual Integrations
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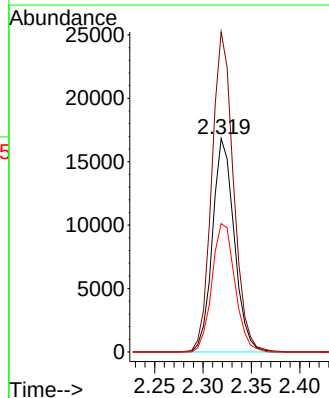
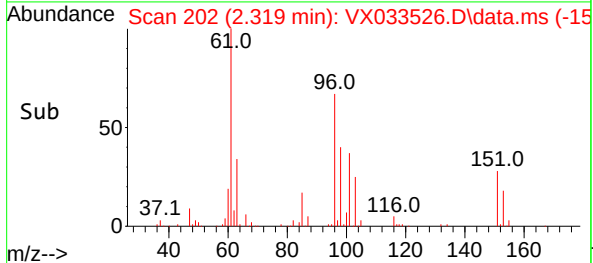
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

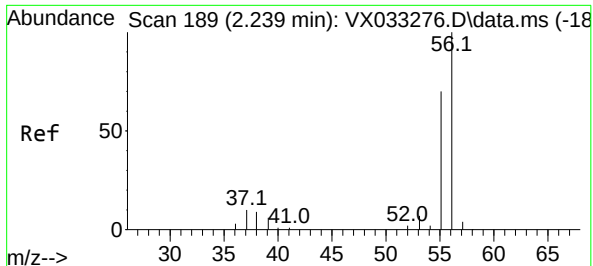


#12
1,1-Dichloroethene
Concen: 18.727 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



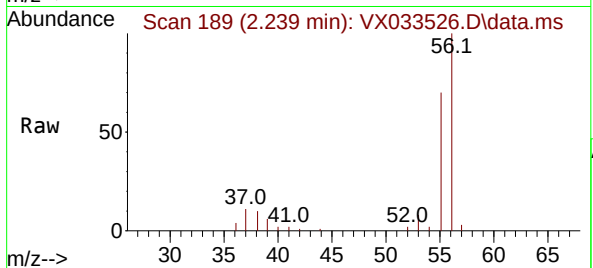
Tgt Ion: 96 Resp: 26270
Ion Ratio Lower Upper
96 100
61 149.9 125.1 187.7
98 60.1 50.6 76.0





#13
Acrolein
Concen: 57.715 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

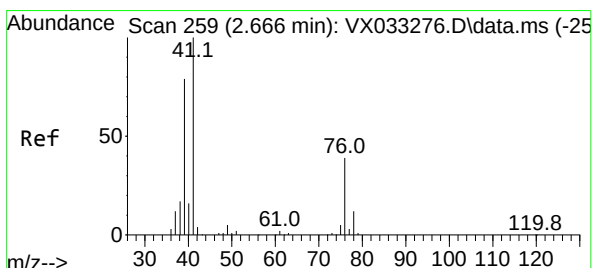
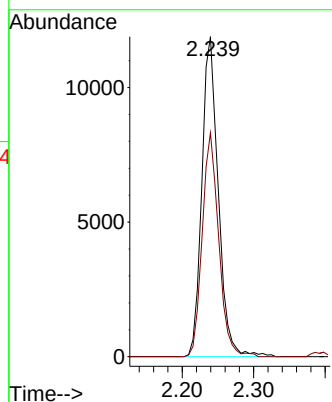
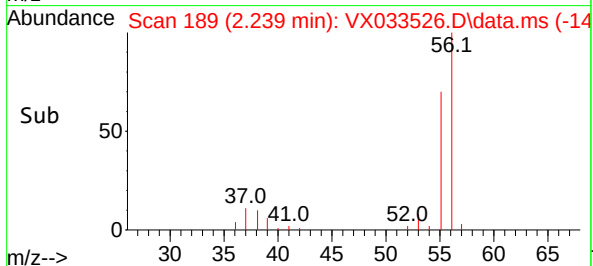
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



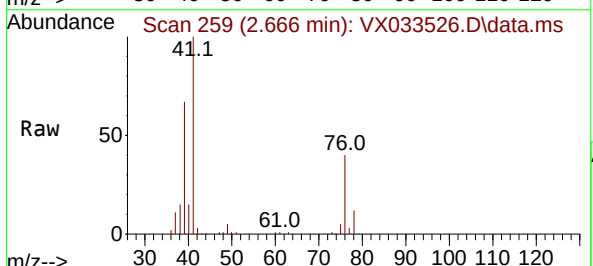
Tgt Ion: 56 Resp: 1899
Ion Ratio Lower Upper
56 100
55 70.1 56.9 85.3

Manual Integrations
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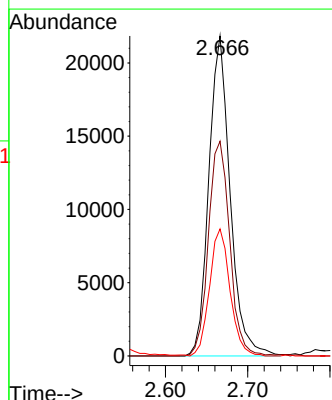
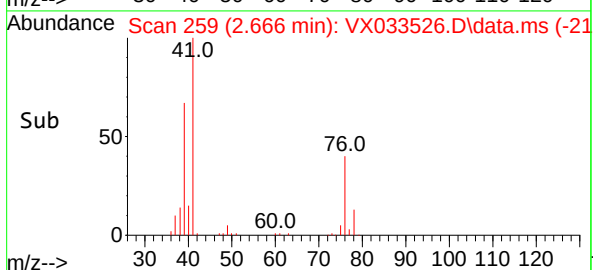
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

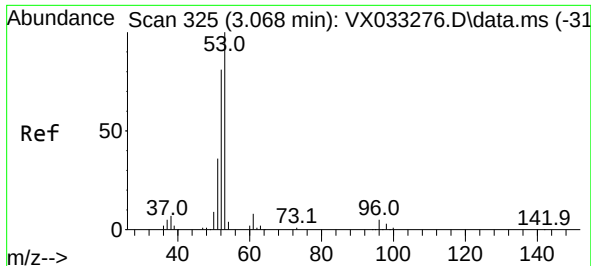


#14
Allyl chloride
Concen: 17.547 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



Tgt Ion: 41 Resp: 39309
Ion Ratio Lower Upper
41 100
39 67.3 61.4 92.2
76 38.3 29.2 43.8





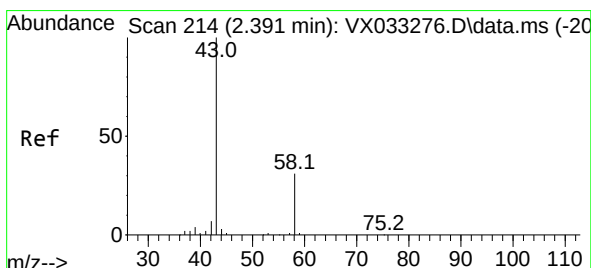
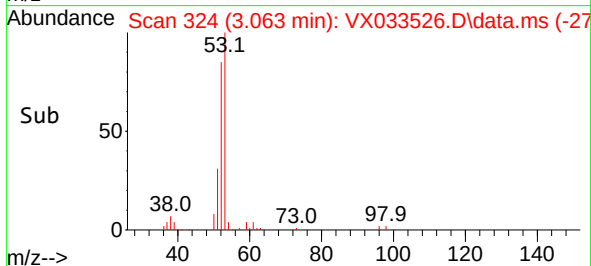
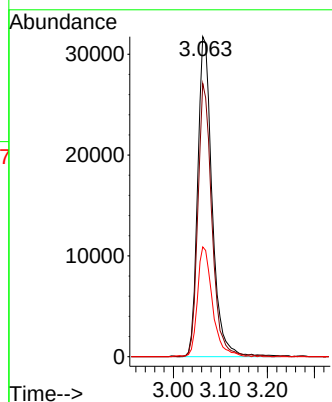
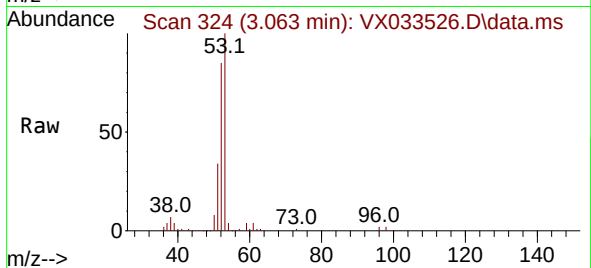
#15
Acrylonitrile
Concen: 90.333 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 53 Resp: 6791
Ion Ratio Lower Upper
53 100
52 82.5 67.4 101.0
51 35.8 30.3 45.5

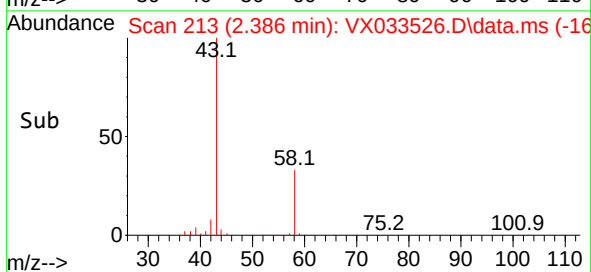
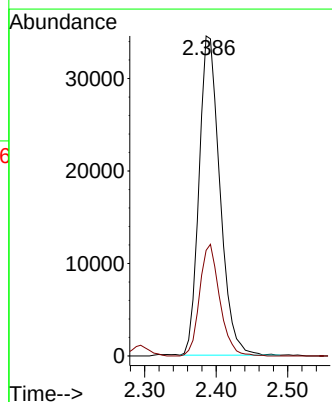
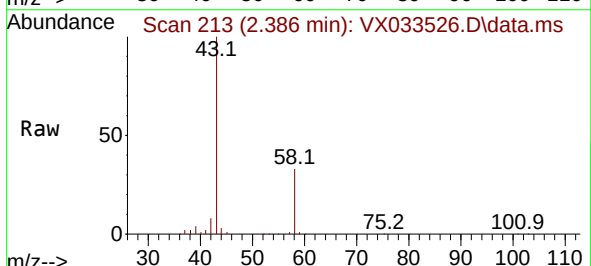
Manual Integrations
APPROVED

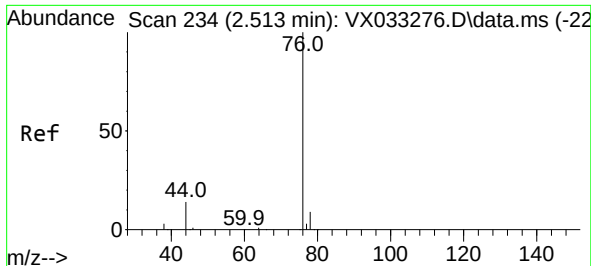
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#16
Acetone
Concen: 95.007 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion: 43 Resp: 69787
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.8





#17

Carbon Disulfide

Concen: 17.148 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

Tgt Ion: 76 Resp: 61738

Ion Ratio Lower Upper

76 100

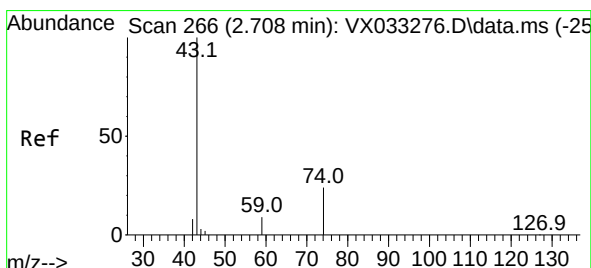
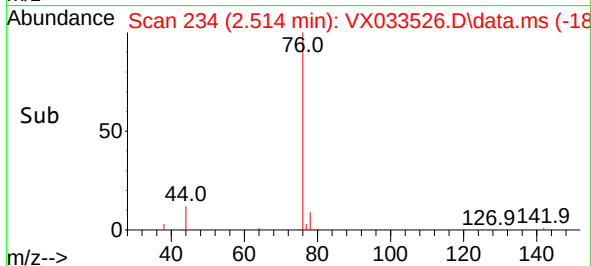
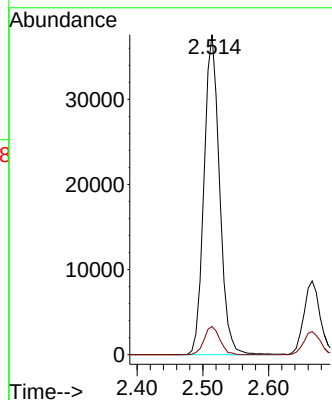
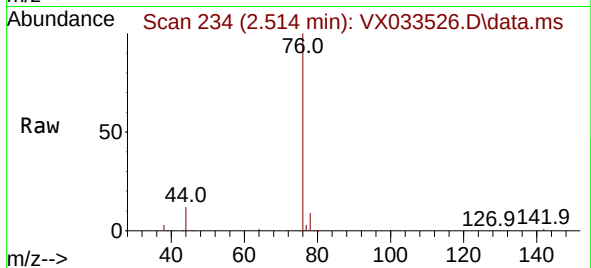
78 8.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#18

Methyl Acetate

Concen: 18.029 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033526.D

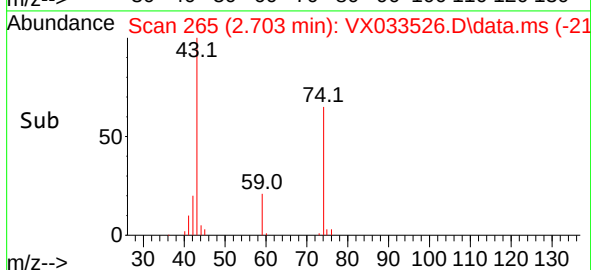
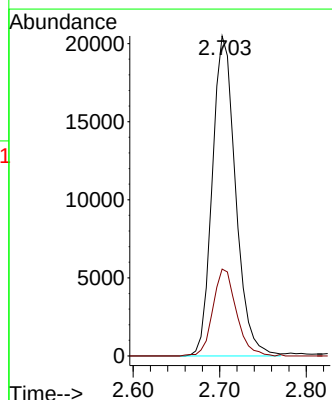
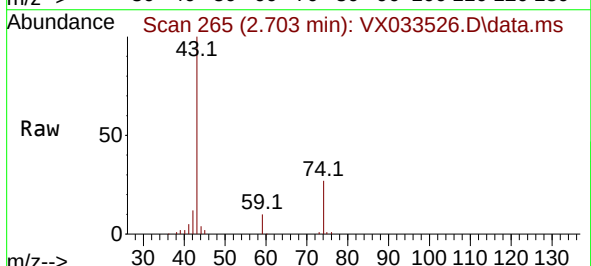
Acq: 21 Dec 2022 11:39

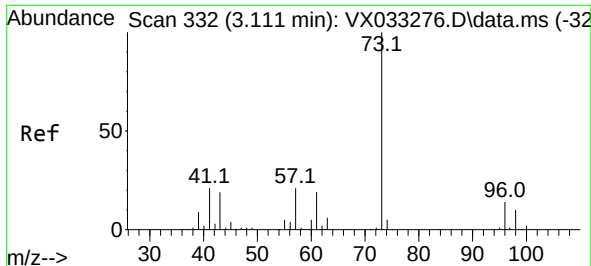
Tgt Ion: 43 Resp: 38337

Ion Ratio Lower Upper

43 100

74 27.3 19.4 29.0





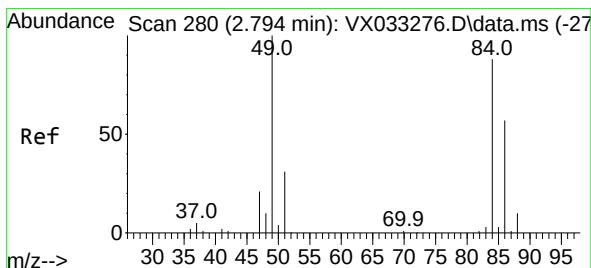
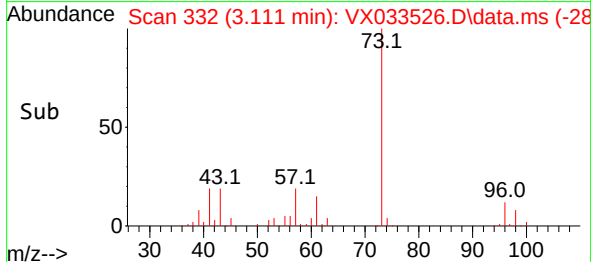
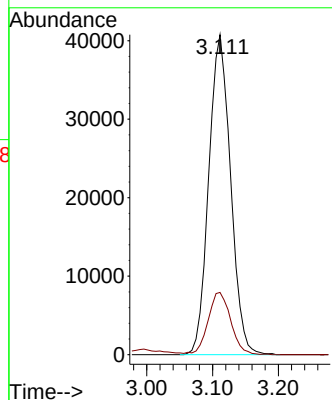
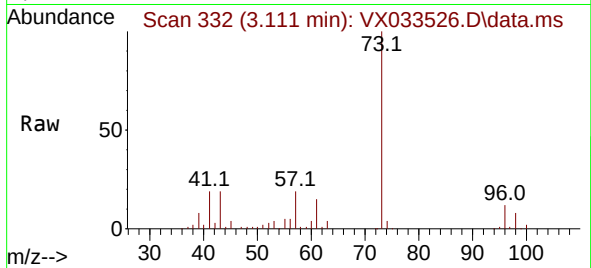
#19
Methyl tert-butyl Ether
Concen: 19.369 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 73 Resp: 9411
Ion Ratio Lower Upper
73 100
57 19.5 16.6 25.0

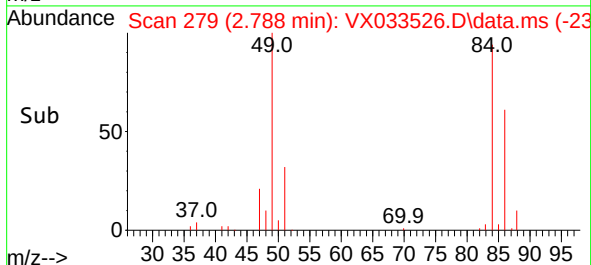
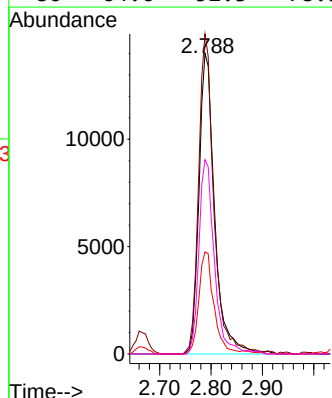
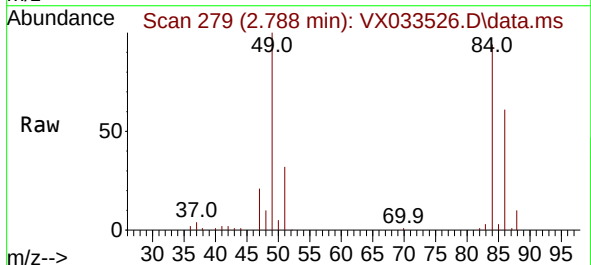
Manual Integrations
APPROVED

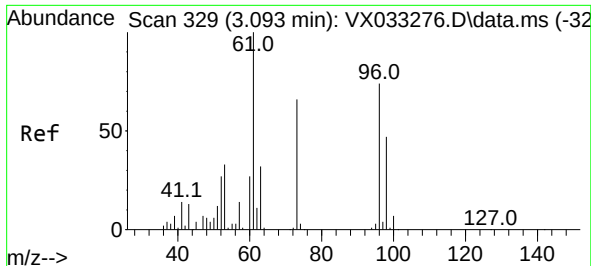
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 18.146 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

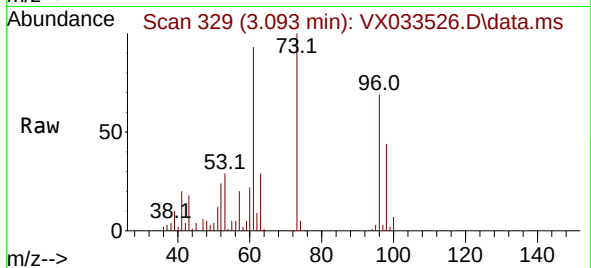
Tgt Ion: 84 Resp: 29726
Ion Ratio Lower Upper
84 100
49 106.4 101.0 151.6
51 33.9 31.1 46.7
86 64.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 18.611 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

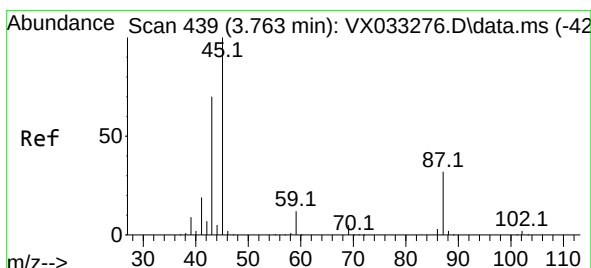
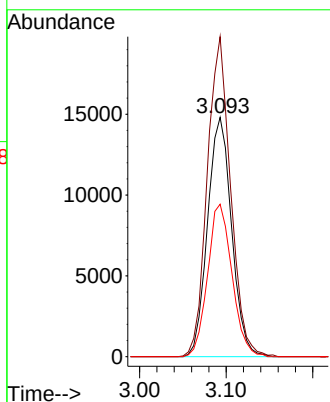
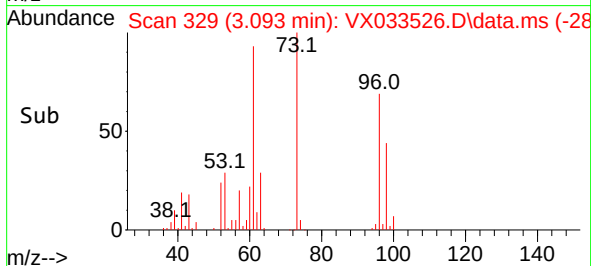
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



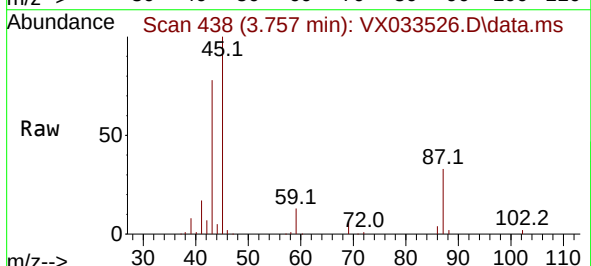
Tgt Ion: 96 Resp: 2855
Ion Ratio Lower Upper
96 100
61 133.7 106.6 160.0
98 63.7 51.0 76.6

Manual Integrations
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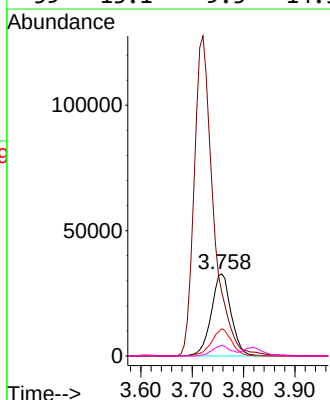
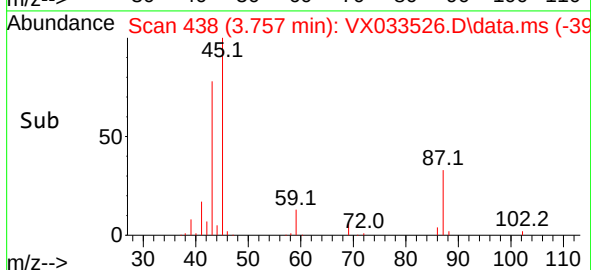
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

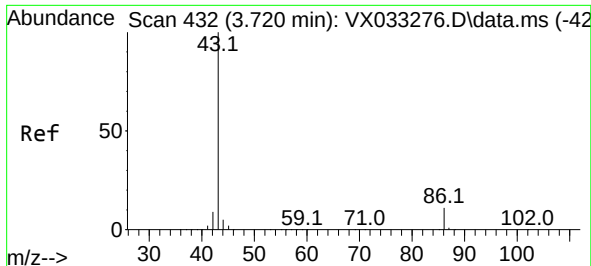


#22
Diisopropyl ether
Concen: 18.242 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



Tgt Ion: 45 Resp: 87555
Ion Ratio Lower Upper
45 100
43 77.6 56.4 84.6
87 33.1 24.4 36.6
59 13.1 9.5 14.3





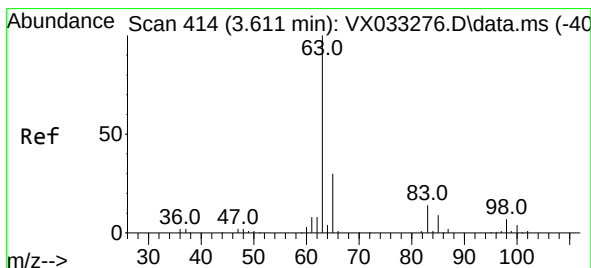
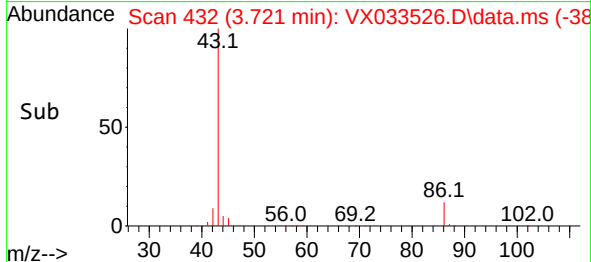
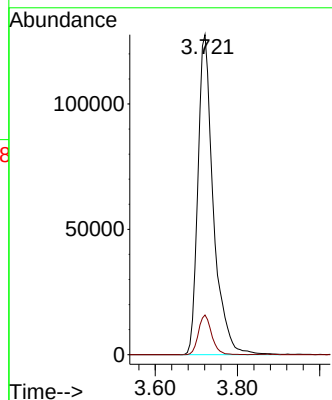
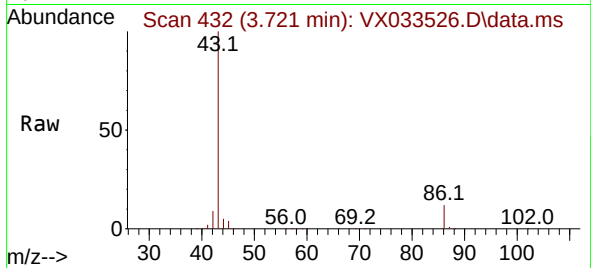
#23
 Vinyl Acetate
 Concen: 89.297 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033526.D
 Acq: 21 Dec 2022 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBSD01

Tgt Ion: 43 Resp: 332660
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.6 12.8

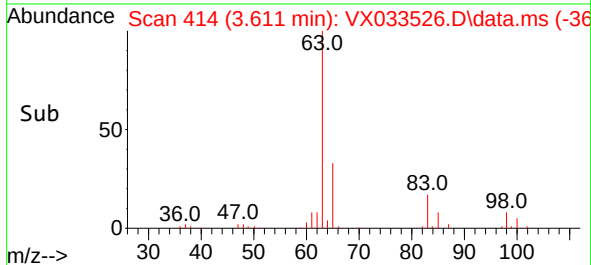
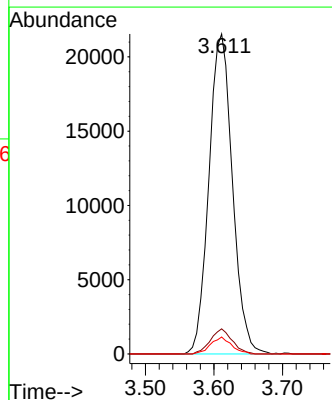
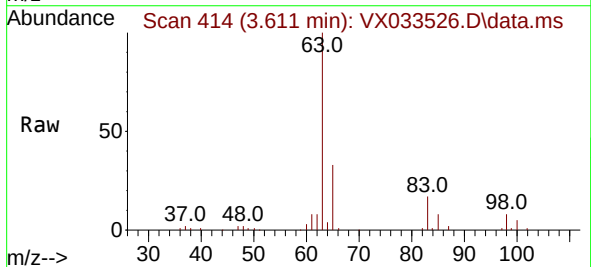
Manual Integrations
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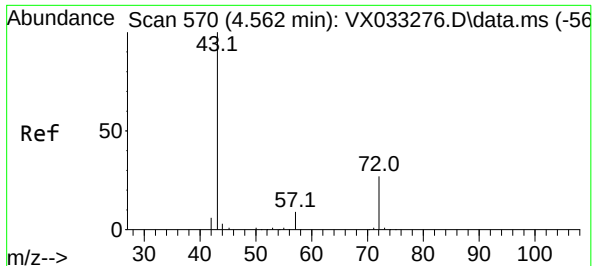
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 18.216 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033526.D
 Acq: 21 Dec 2022 11:39

Tgt Ion: 63 Resp: 51370
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.3 2.3 6.8





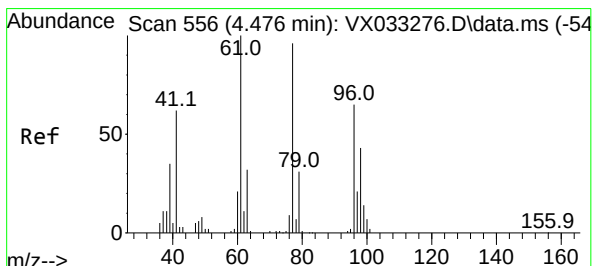
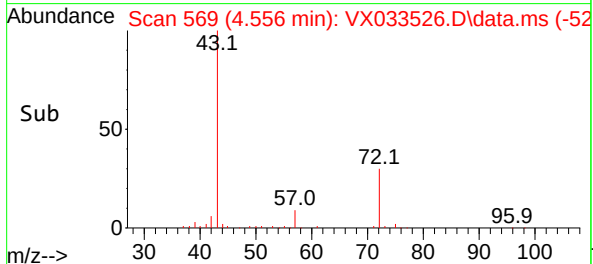
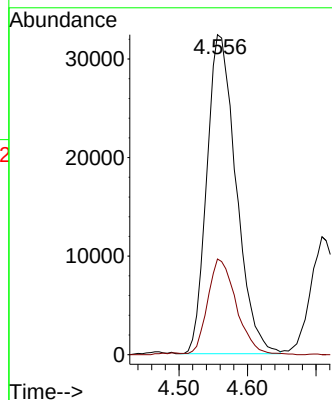
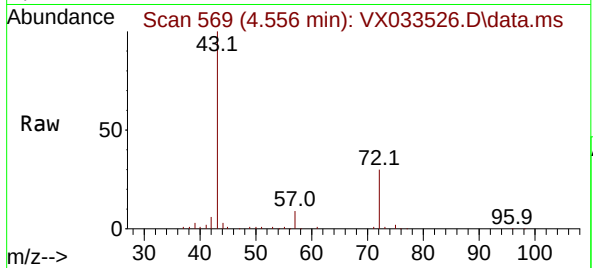
#25
2-Butanone
Concen: 91.288 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 43 Resp: 9625
Ion Ratio Lower Upper
43 100
72 29.6 22.2 33.2

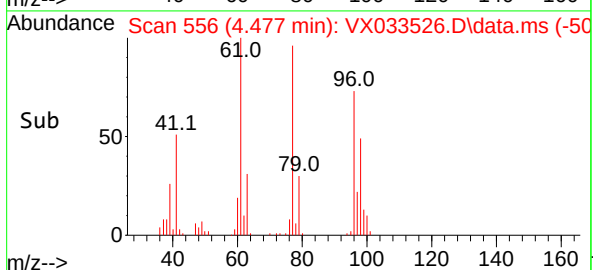
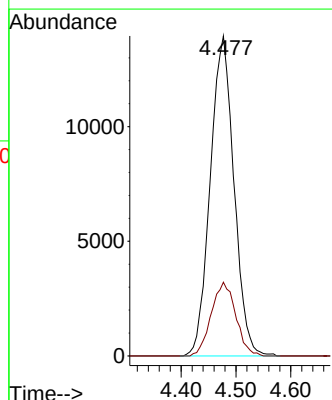
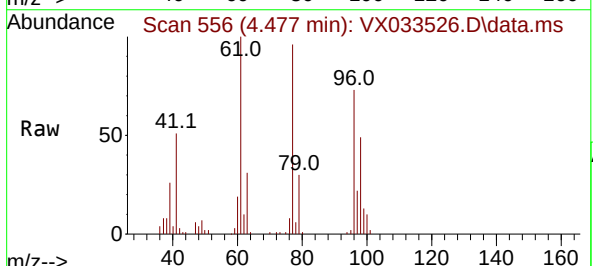
Manual Integrations
APPROVED

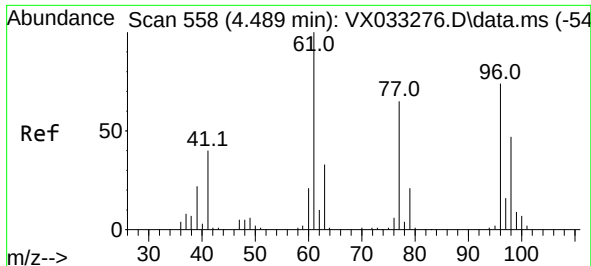
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#26
2,2-Dichloropropane
Concen: 20.199 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

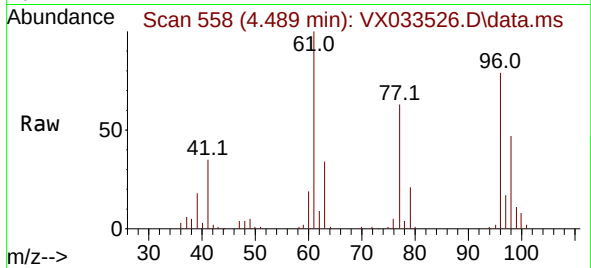
Tgt Ion: 77 Resp: 41889
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.545 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033526.D
 Acq: 21 Dec 2022 11:39

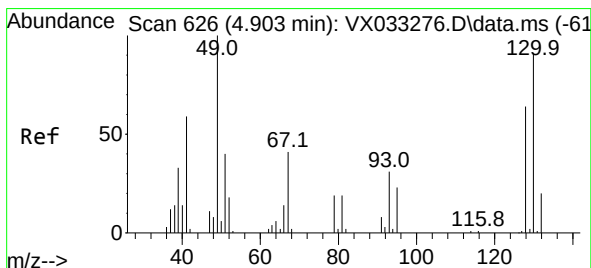
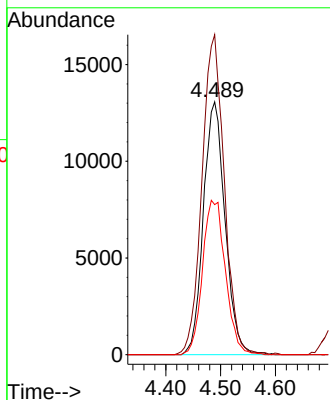
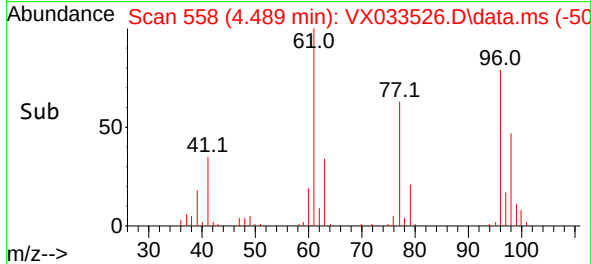
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBSD01



Tgt Ion: 96 Resp: 3584
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 286.0
 98 64.6 0.0 129.6

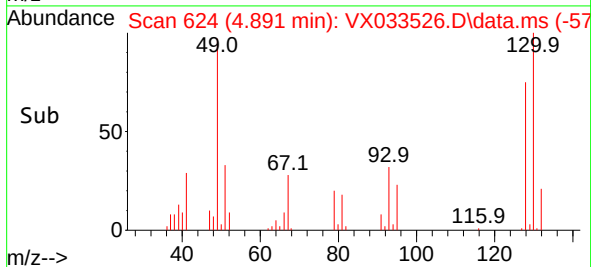
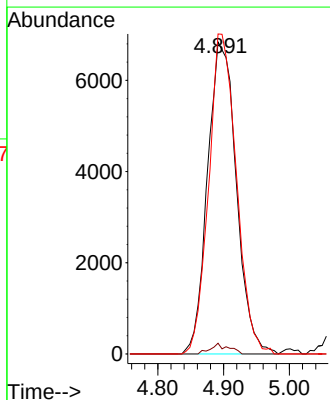
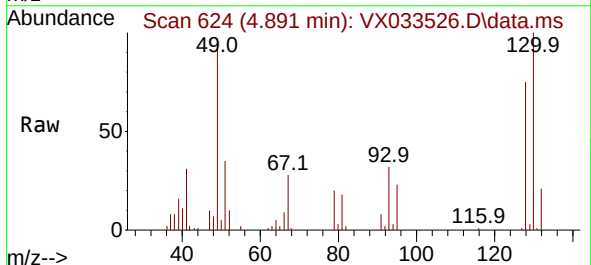
Manual Integrations
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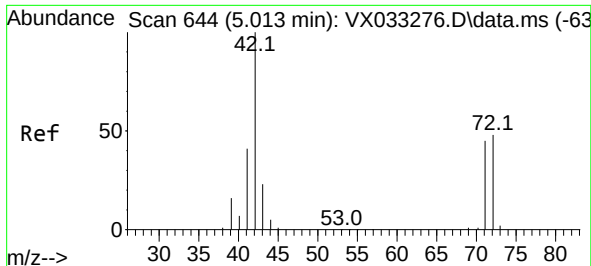
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#28
 Bromochloromethane
 Concen: 17.665 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX033526.D
 Acq: 21 Dec 2022 11:39

Tgt Ion: 49 Resp: 20854
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 98.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 84.946 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

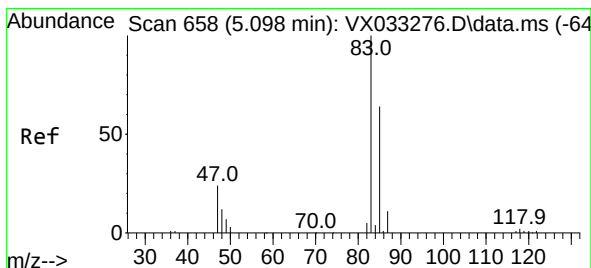
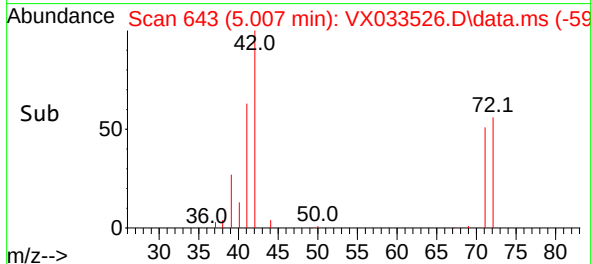
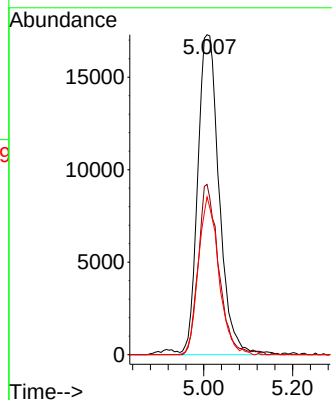
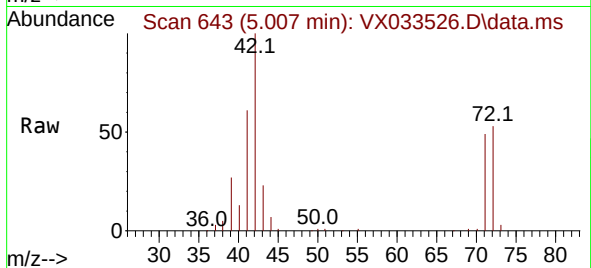
Tgt Ion: 42 Resp: 58030
 Ion Ratio Lower Upper
 42 100
 72 50.8 37.6 56.4
 71 46.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#30

Chloroform

Concen: 18.878 ug/l

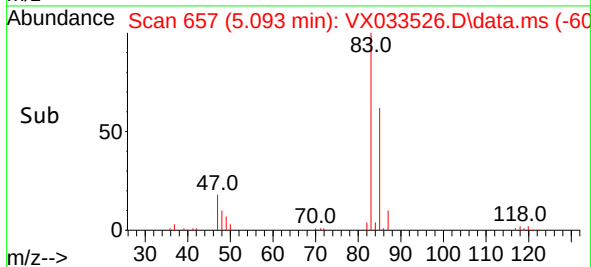
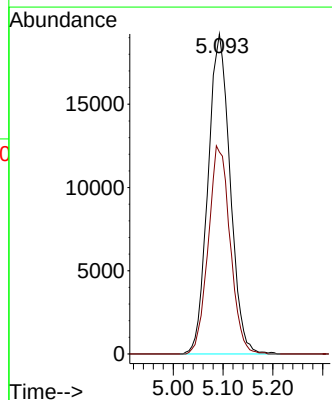
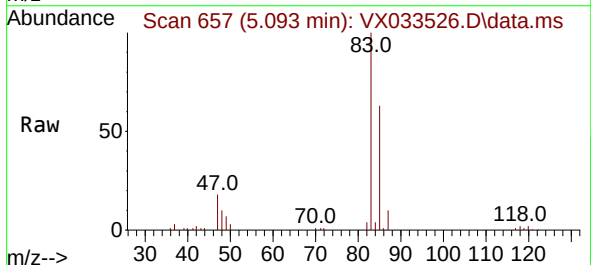
RT: 5.093 min Scan# 657

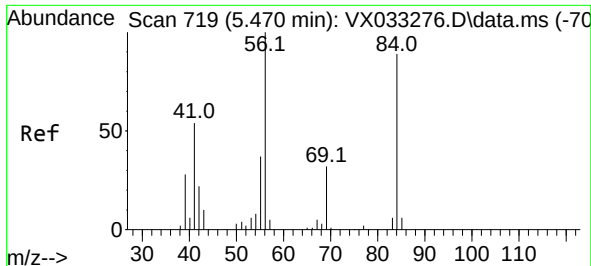
Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Tgt Ion: 83 Resp: 59103
 Ion Ratio Lower Upper
 83 100
 85 63.1 51.1 76.7





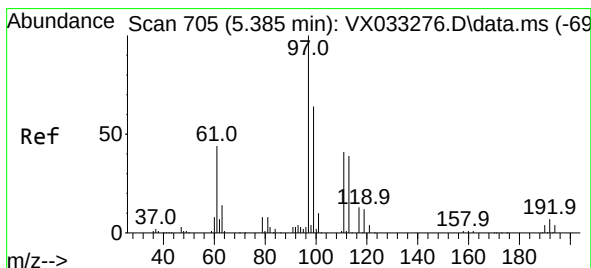
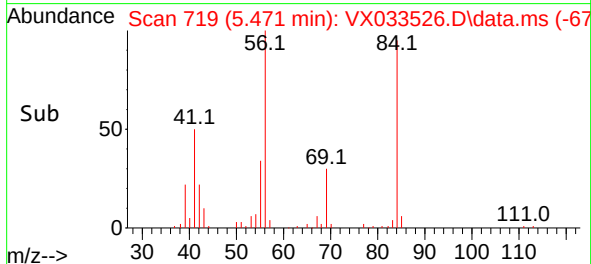
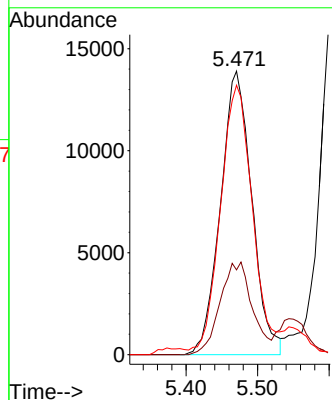
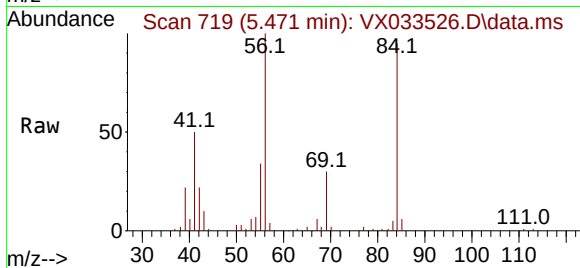
#31
Cyclohexane
Concen: 17.928 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 56 Resp: 42295
Ion Ratio Lower Upper
56 100
69 29.9 24.1 36.1
84 92.9 66.9 100.3

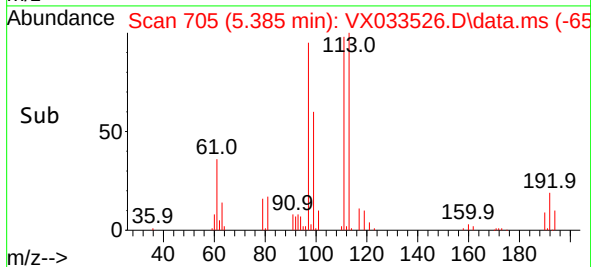
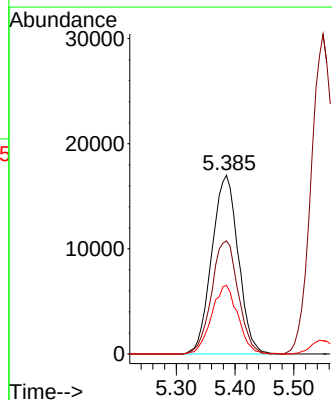
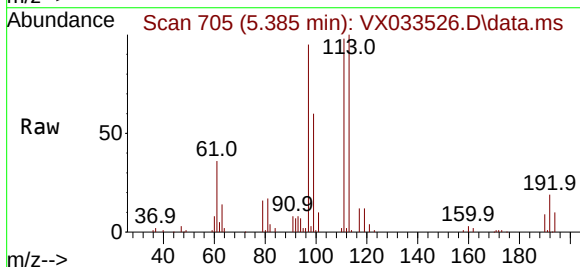
Manual Integrations
APPROVED

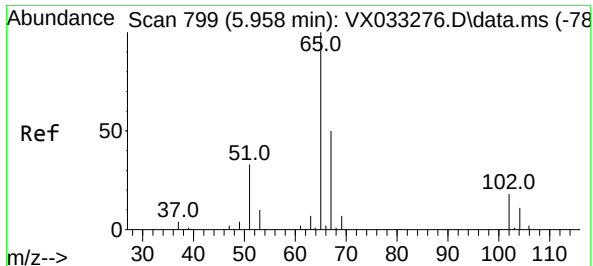
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#32
1,1,1-Trichloroethane
Concen: 19.733 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion: 97 Resp: 53155
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 38.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 41.583 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

Tgt Ion: 65 Resp: 41278

Ion Ratio Lower Upper

65 100

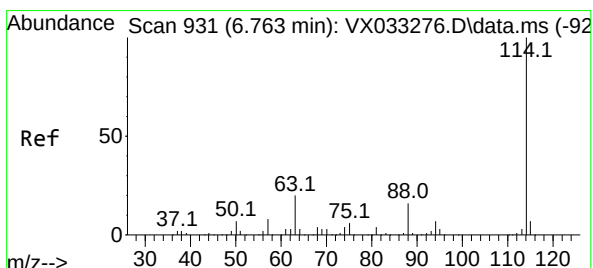
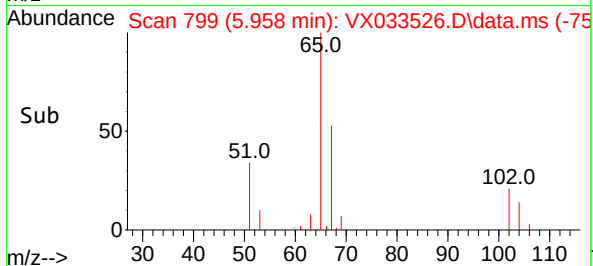
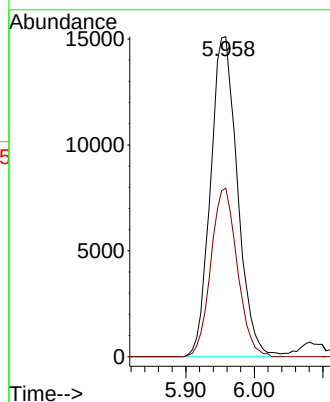
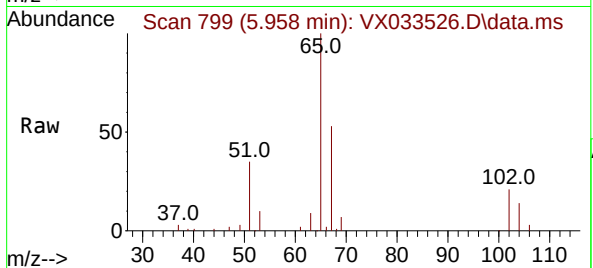
67 51.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

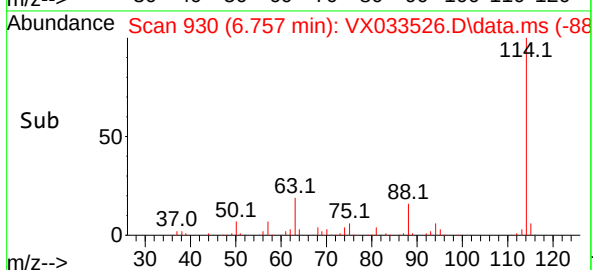
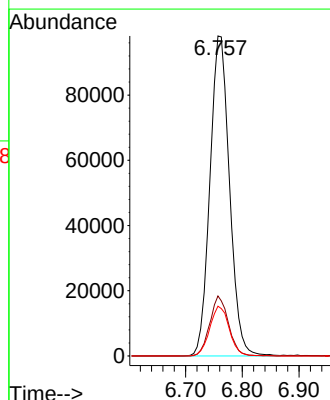
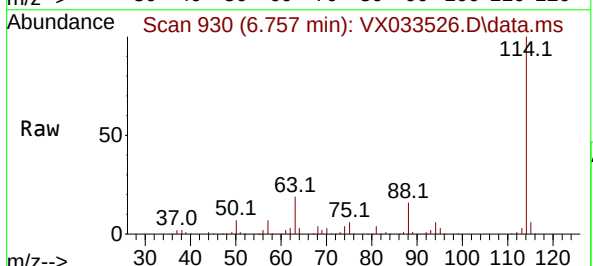
Tgt Ion:114 Resp: 235425

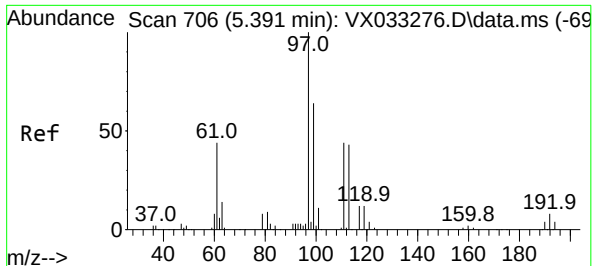
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

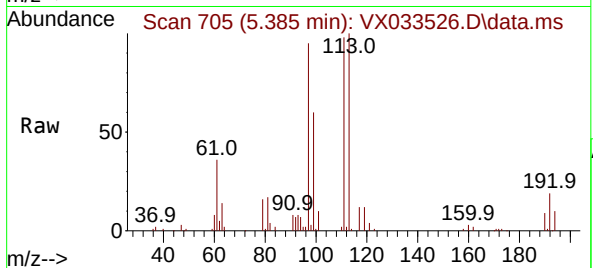
88 15.5 0.0 33.4





#35
Dibromofluoromethane
Concen: 49.198 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

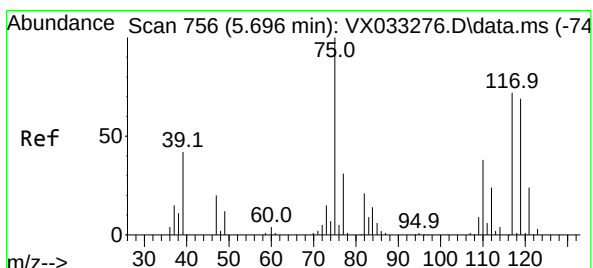
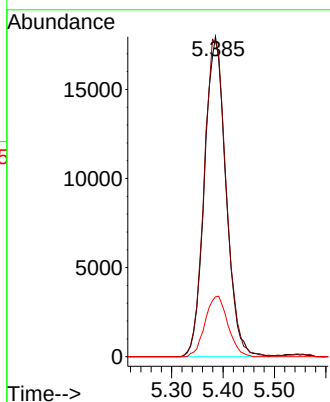
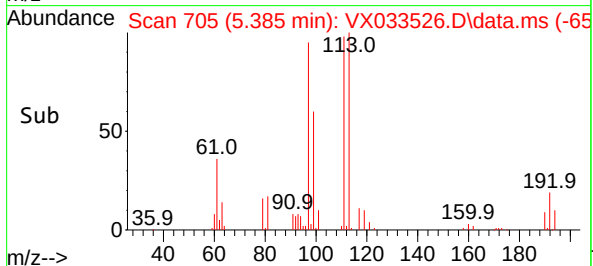
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



Tgt Ion:113 Resp: 52090
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 20.0 15.4 23.2

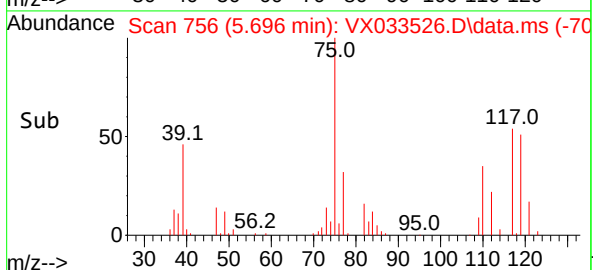
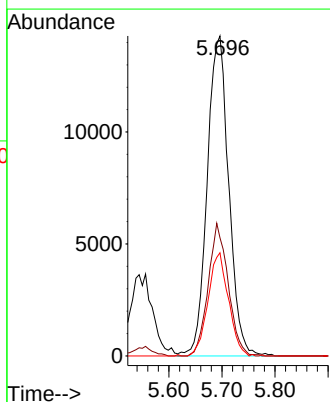
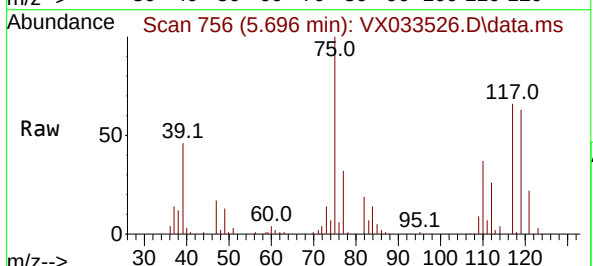
Manual Integrations
APPROVED

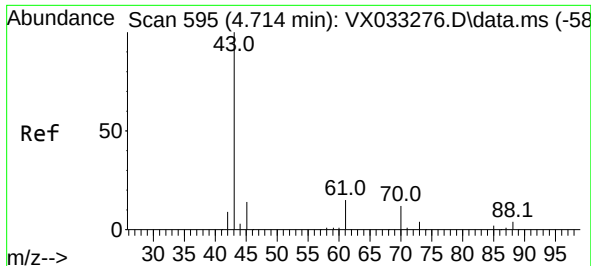
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#36
1,1-Dichloropropene
Concen: 19.560 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion: 75 Resp: 40382
Ion Ratio Lower Upper
75 100
110 38.4 18.4 55.2
77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 17.515 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

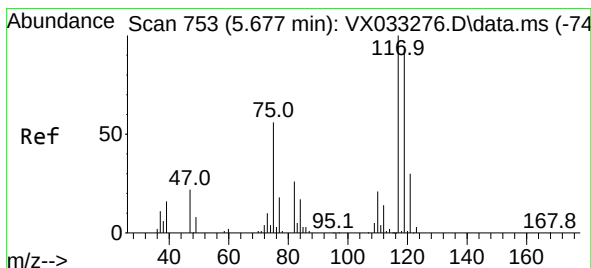
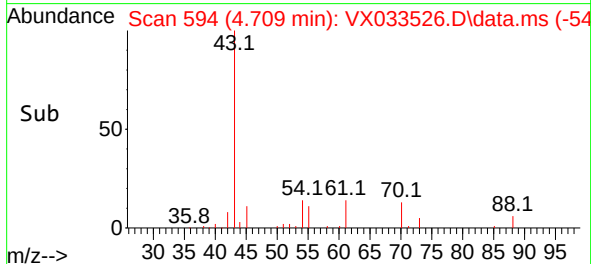
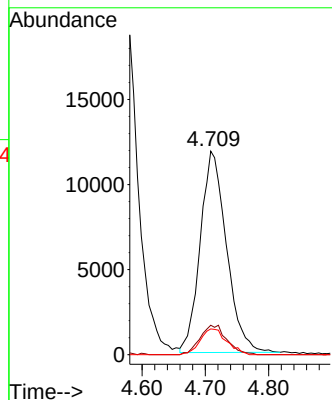
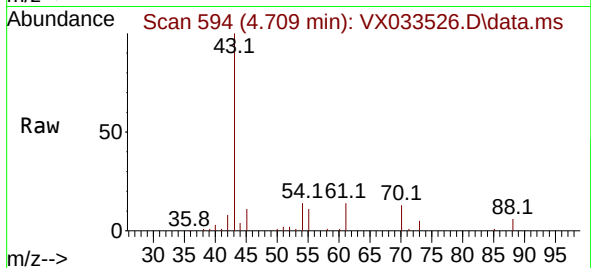
Tgt Ion:	43	Resp:	3418
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.5	17.3
70	12.9	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#38

Carbon Tetrachloride

Concen: 20.314 ug/l

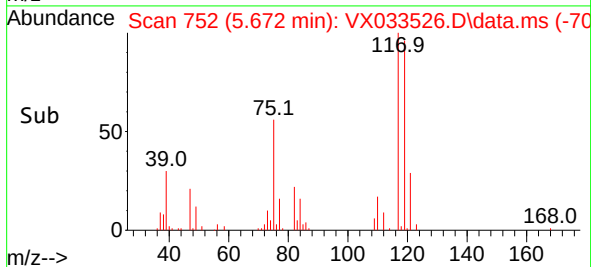
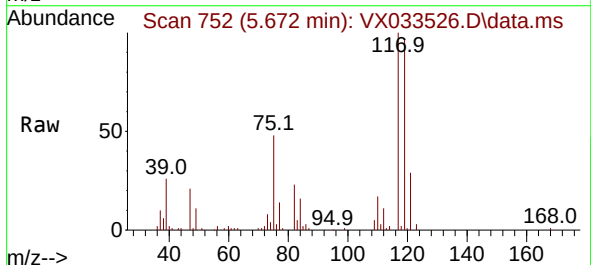
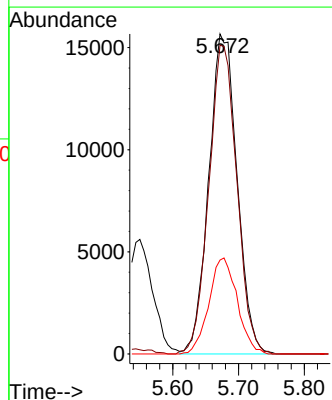
RT: 5.672 min Scan# 752

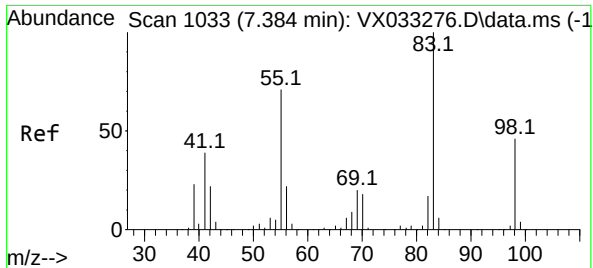
Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

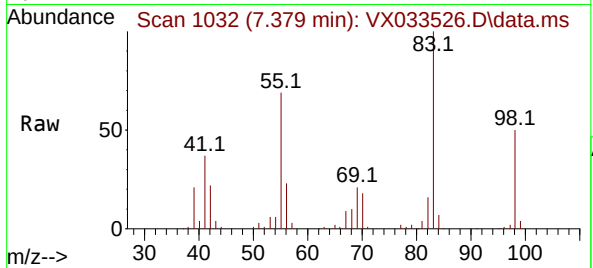
Tgt Ion:	117	Resp:	46988
Ion Ratio	Lower	Upper	
117	100		
119	96.5	77.2	115.8
121	29.4	25.8	38.6





#39
Methylcyclohexane
Concen: 20.341 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

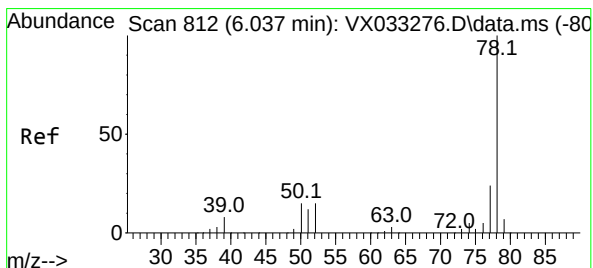
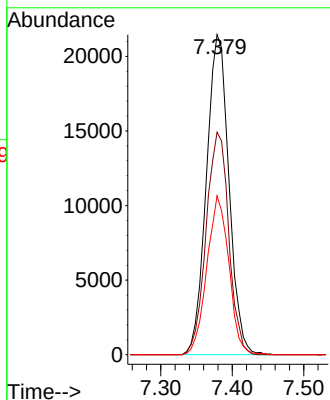
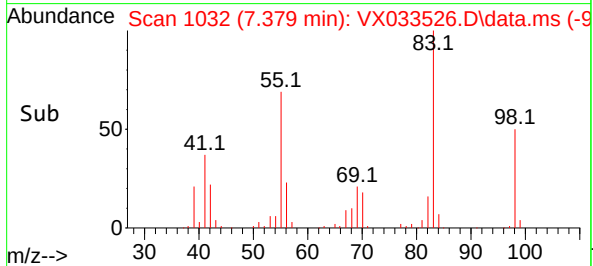
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



Tgt Ion: 83 Resp: 47000
Ion Ratio Lower Upper
83 100
55 69.5 58.4 87.6
98 49.7 37.2 55.8

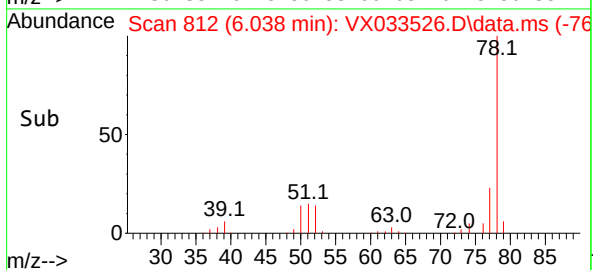
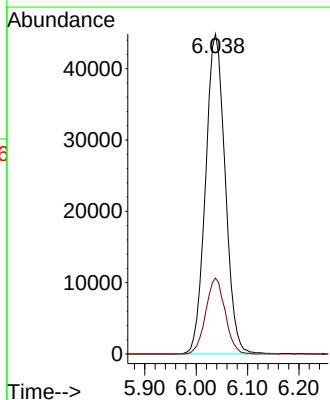
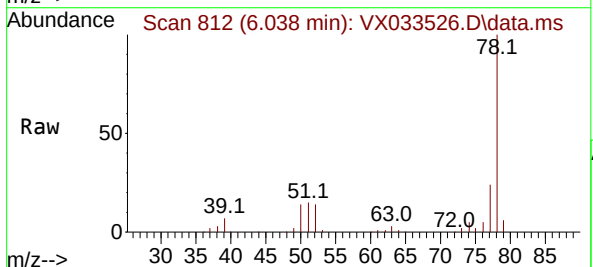
Manual Integrations
APPROVED

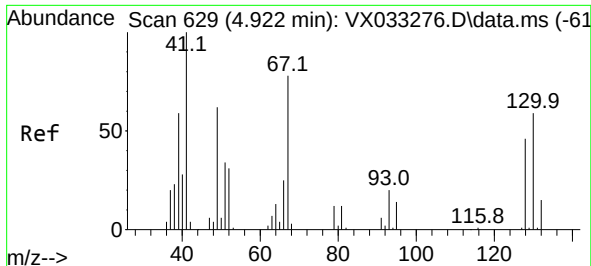
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#40
Benzene
Concen: 19.762 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

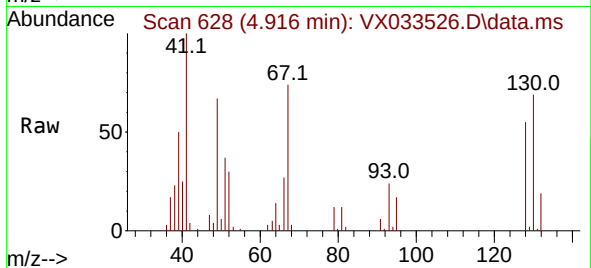
Tgt Ion: 78 Resp: 118955
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 18.420 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

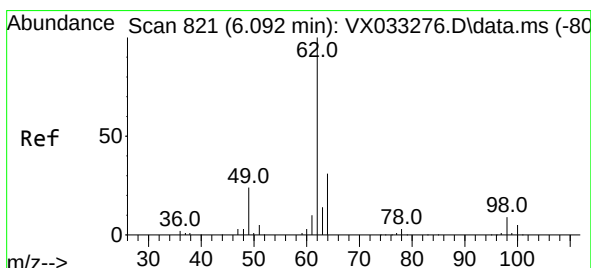
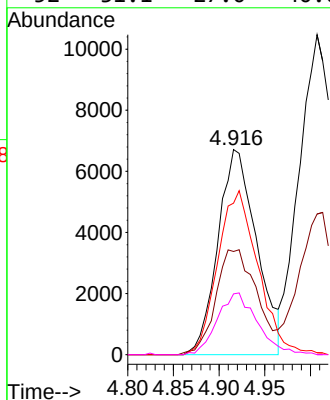
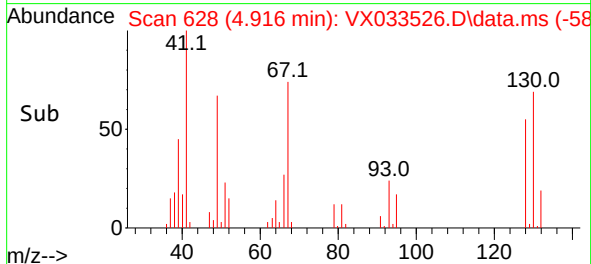
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



Tgt Ion: 41 Resp: 1980
Ion Ratio Lower Upper
41 100
39 53.3 47.5 71.3
67 83.5 60.5 90.7
52 31.1 27.0 40.6

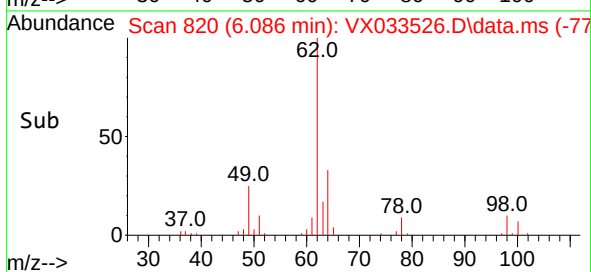
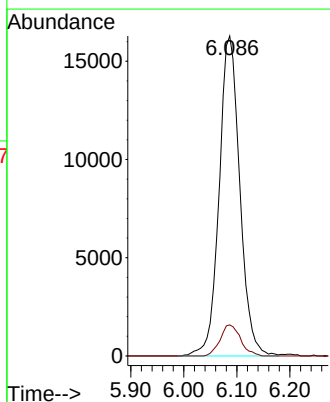
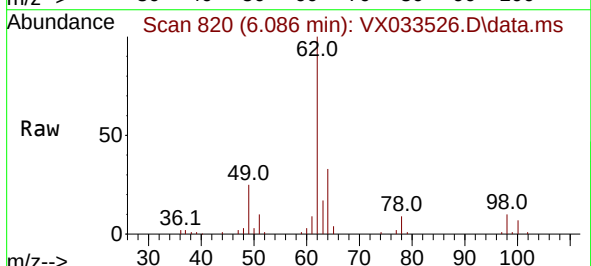
Manual Integrations
APPROVED

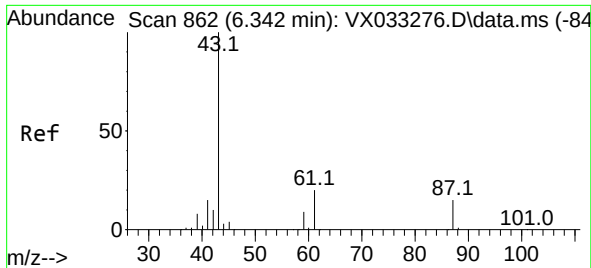
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#42
1,2-Dichloroethane
Concen: 18.450 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

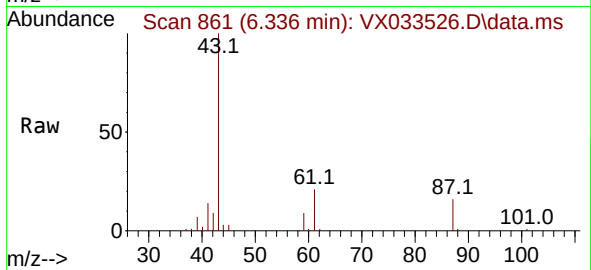
Tgt Ion: 62 Resp: 44100
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 18.857 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

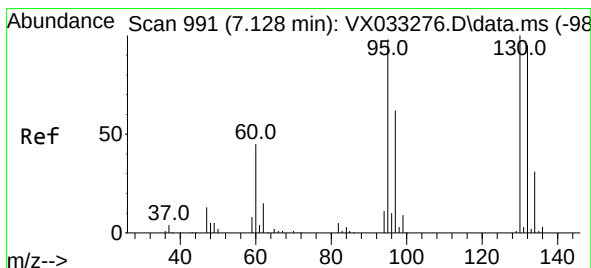
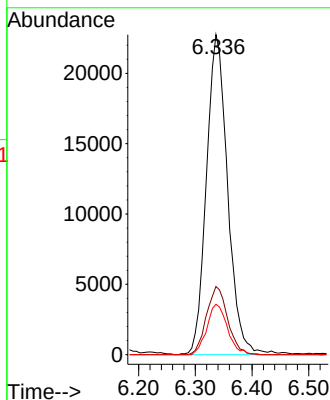
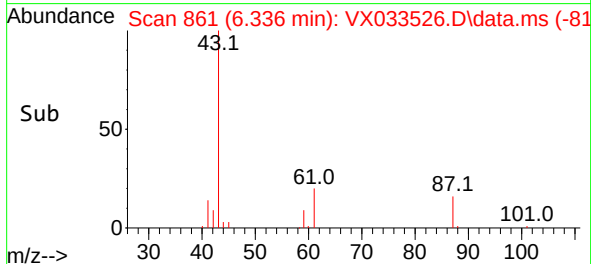
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



Tgt Ion: 43 Resp: 5921
Ion Ratio Lower Upper
43 100
61 21.2 15.4 23.0
87 15.2 10.8 16.2

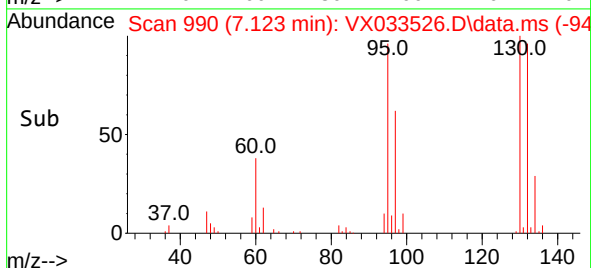
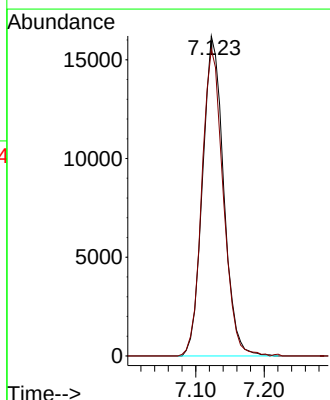
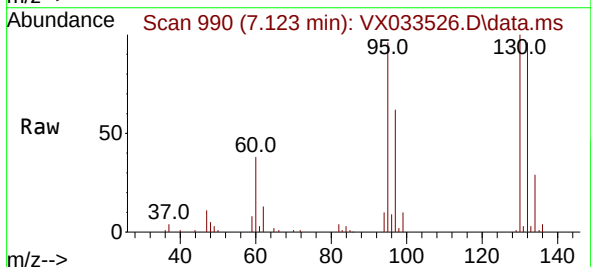
Manual Integrations
APPROVED

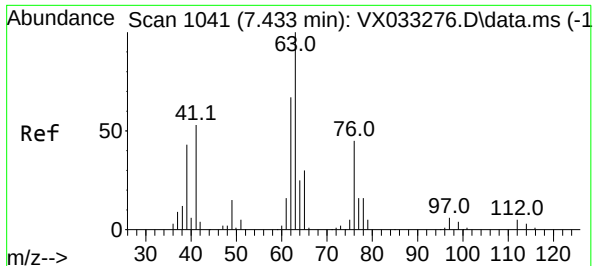
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 20.918 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion:130 Resp: 34715
Ion Ratio Lower Upper
130 100
95 95.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.659 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

Tgt Ion: 63 Resp: 3026

Ion Ratio Lower Upper

63 100

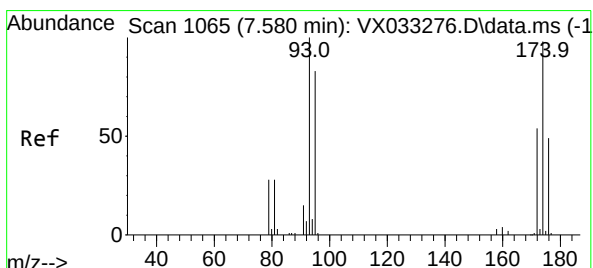
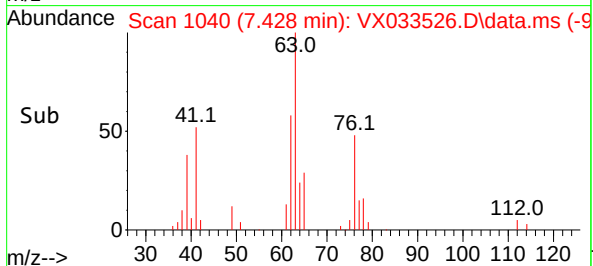
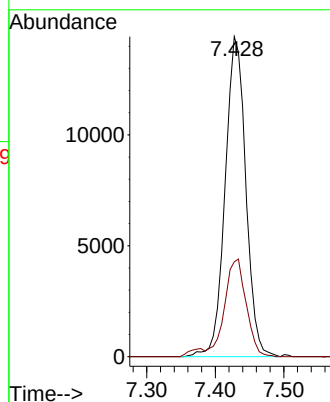
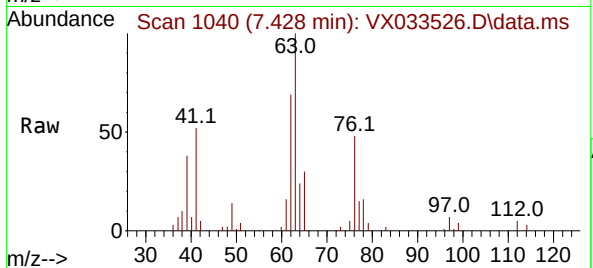
65 29.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#46

Dibromomethane

Concen: 19.991 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

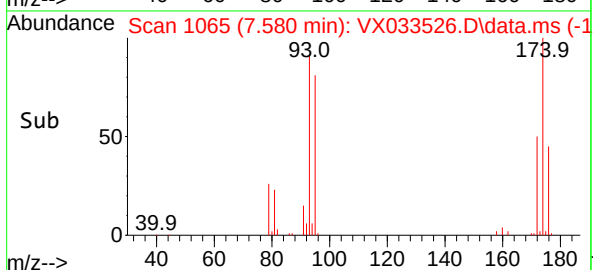
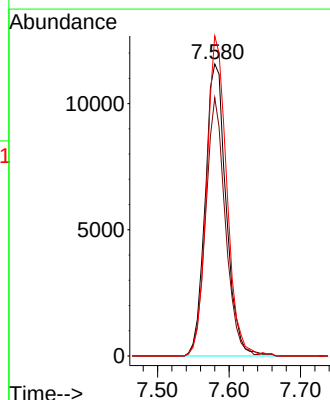
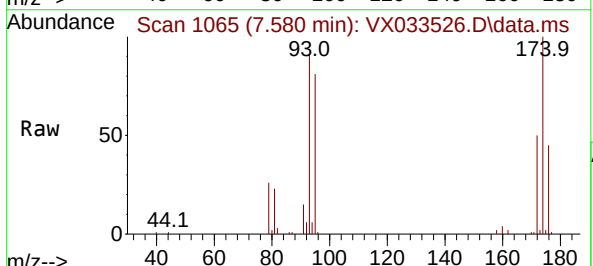
Tgt Ion: 93 Resp: 23443

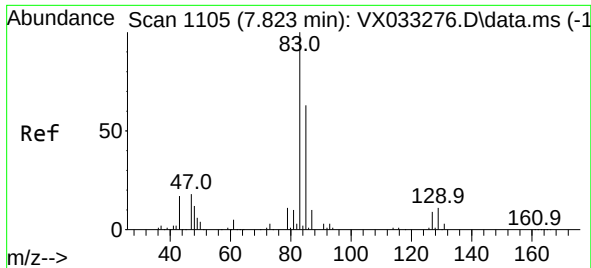
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 105.7 79.8 119.6





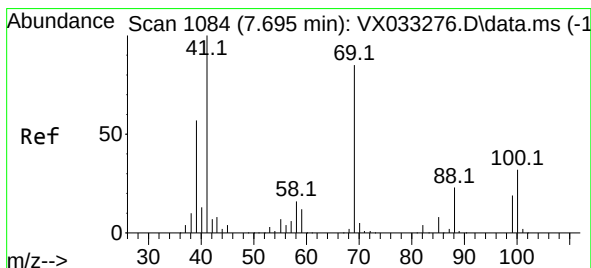
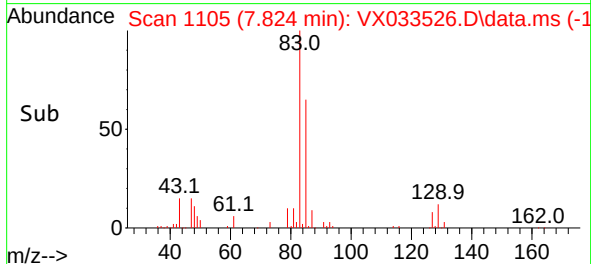
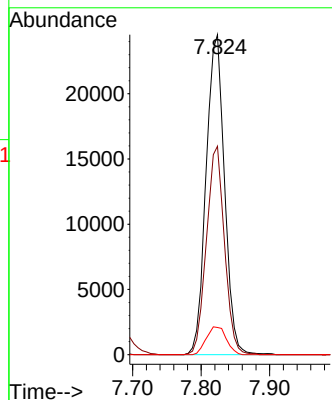
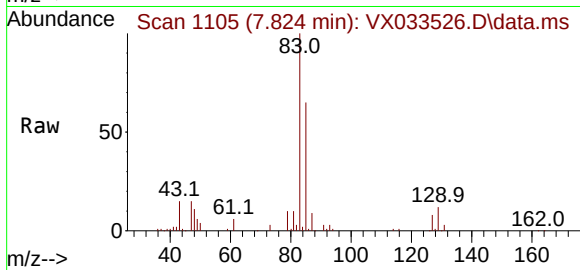
#47
Bromodichloromethane
Concen: 20.040 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 83 Resp: 4581
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.4
127 8.5 7.4 11.2

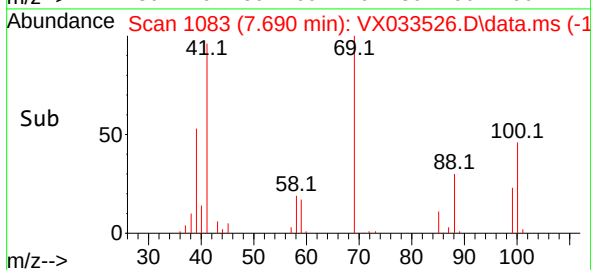
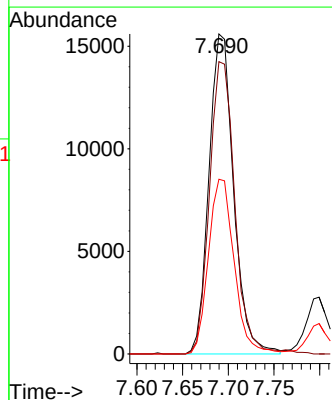
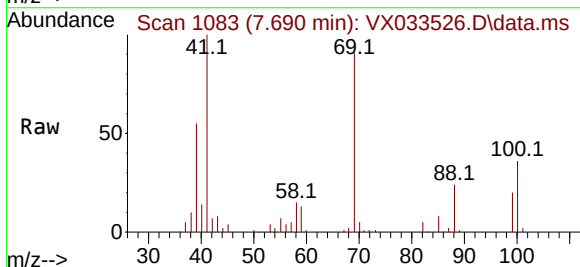
Manual Integrations
APPROVED

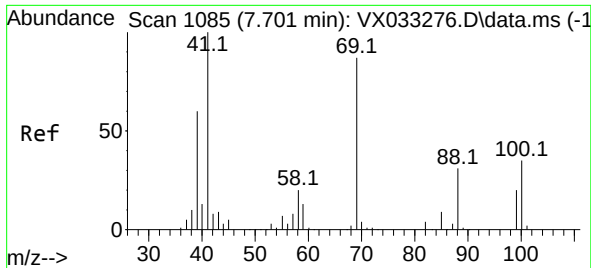
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#48
Methyl methacrylate
Concen: 18.080 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

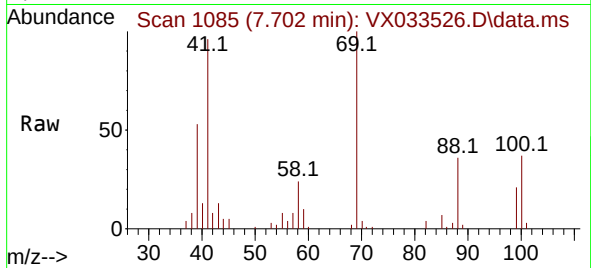
Tgt Ion: 41 Resp: 29300
Ion Ratio Lower Upper
41 100
69 93.9 65.1 97.7
39 56.9 51.9 77.9





#49
1,4-Dioxane
Concen: 397.166 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

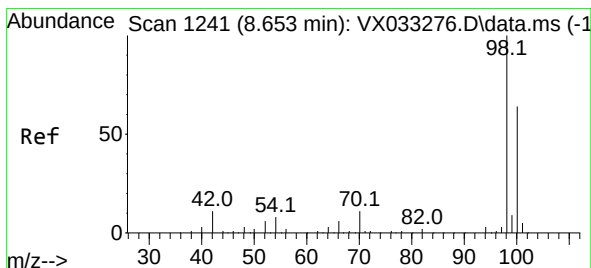
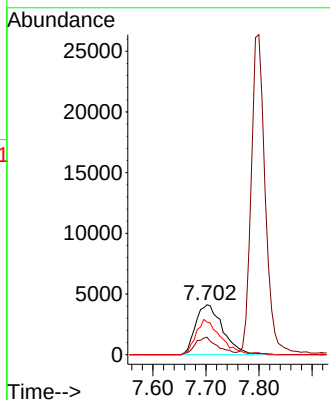
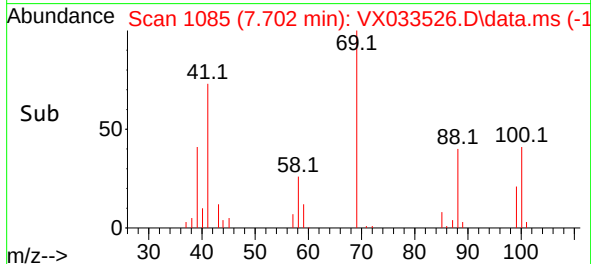
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



Tgt Ion: 88 Resp: 1467
Ion Ratio Lower Upper
88 100
43 28.7 26.6 39.8
58 62.7 51.7 77.5

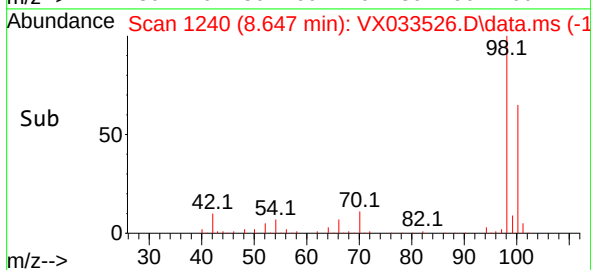
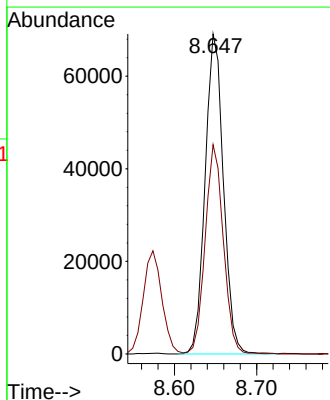
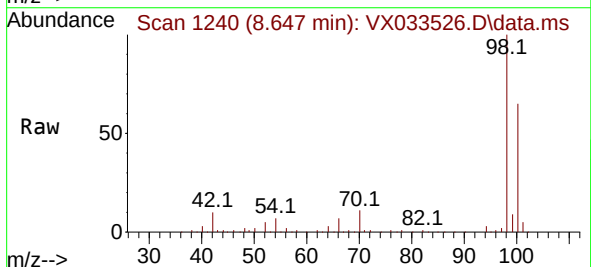
Manual Integrations
APPROVED

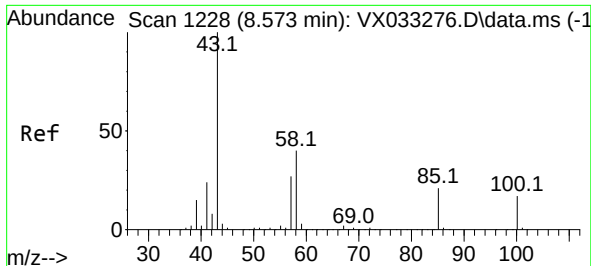
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#50
Toluene-d8
Concen: 48.254 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion: 98 Resp: 106891
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3





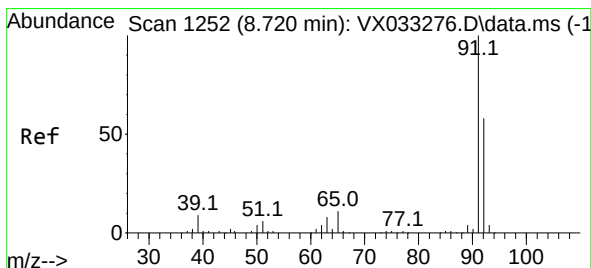
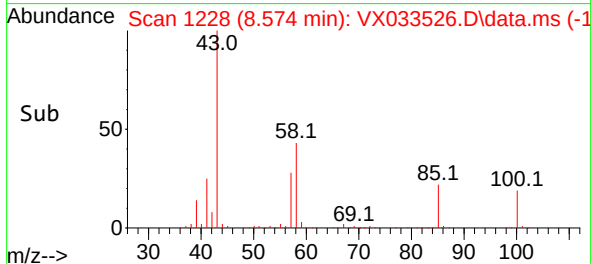
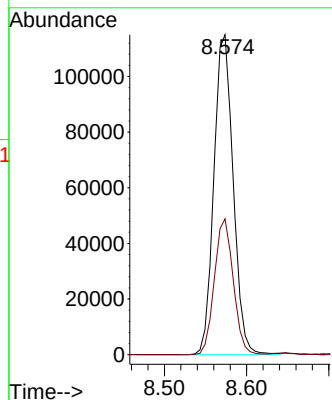
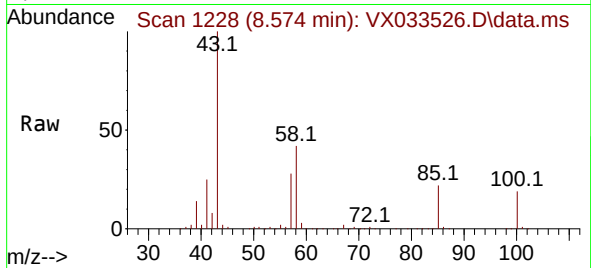
#51
4-Methyl-2-Pentanone
Concen: 94.360 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 43 Resp: 187372
Ion Ratio Lower Upper
43 100
58 41.5 30.9 46.3

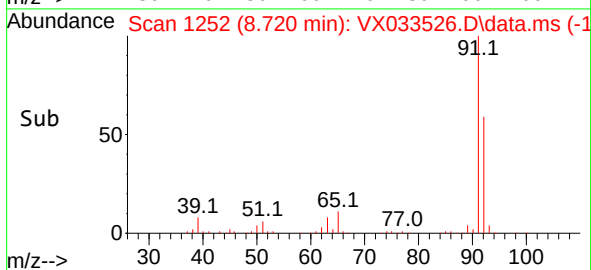
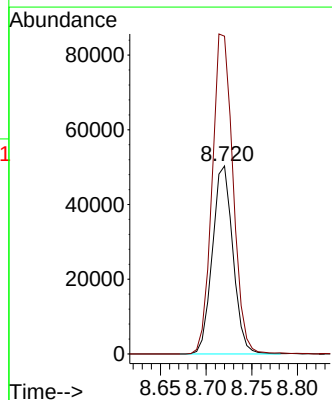
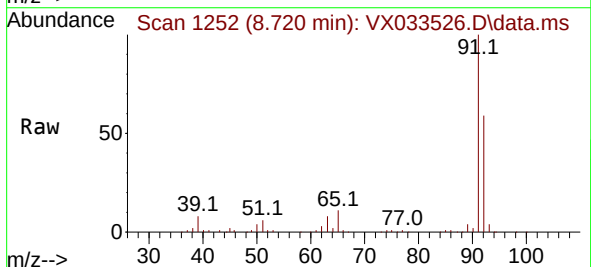
Manual Integrations
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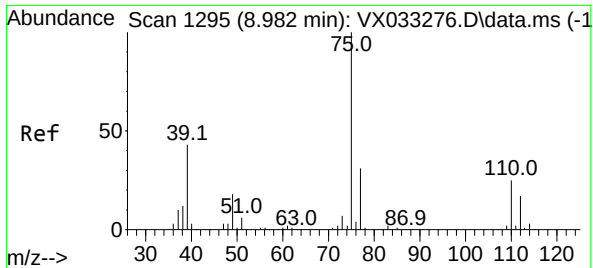
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 20.171 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion: 92 Resp: 78501
Ion Ratio Lower Upper
92 100
91 173.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.763 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

Tgt Ion: 75 Resp: 44610

Ion Ratio Lower Upper

75 100

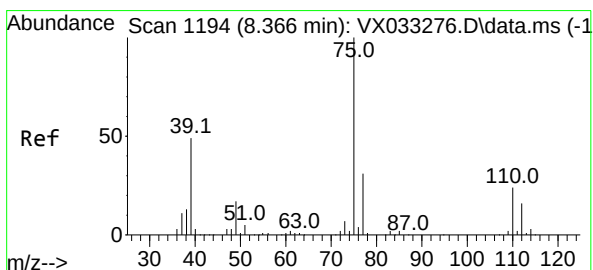
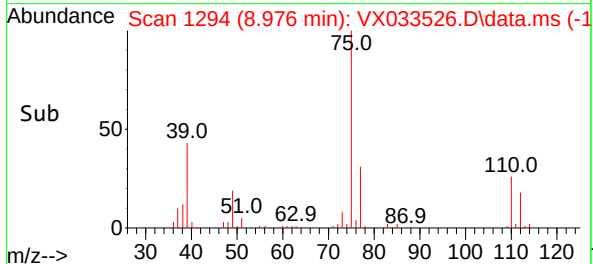
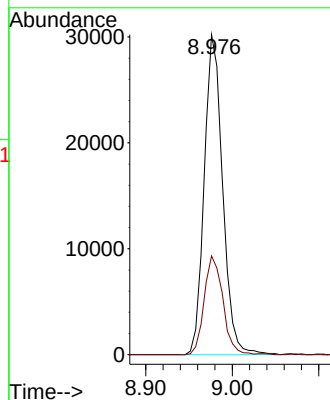
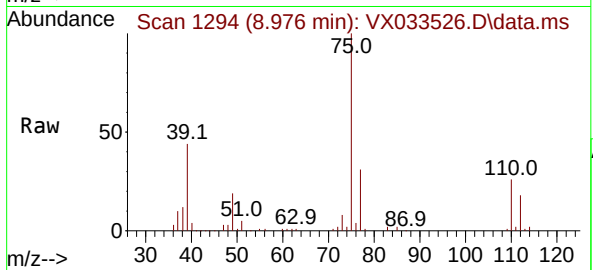
77 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#54

cis-1,3-Dichloropropene

Concen: 19.992 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

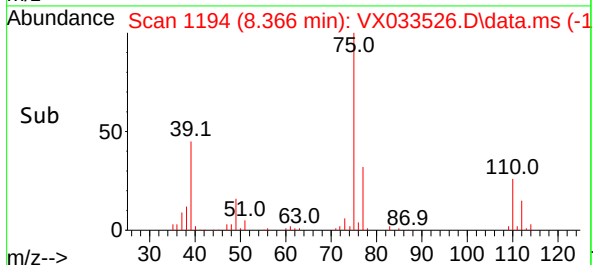
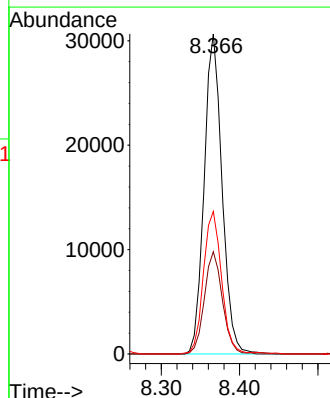
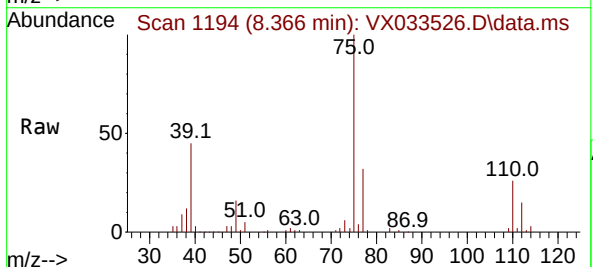
Tgt Ion: 75 Resp: 48631

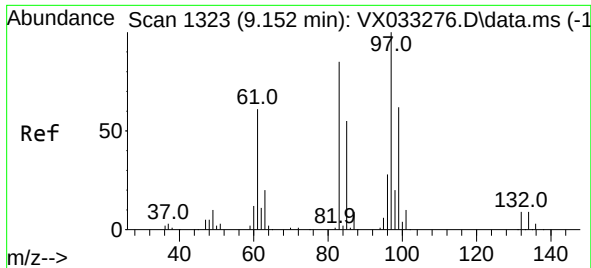
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

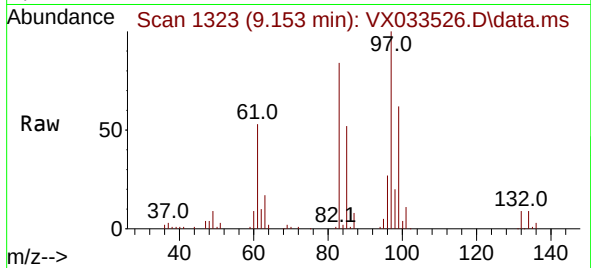
39 44.5 45.5 68.3#





#55
1,1,2-Trichloroethane
Concen: 20.415 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

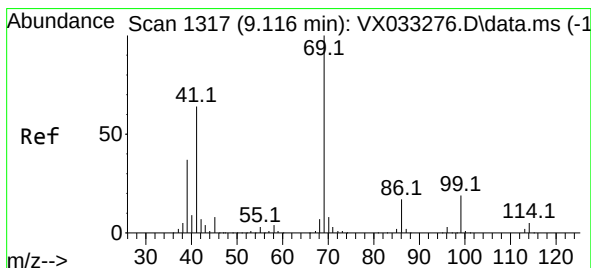
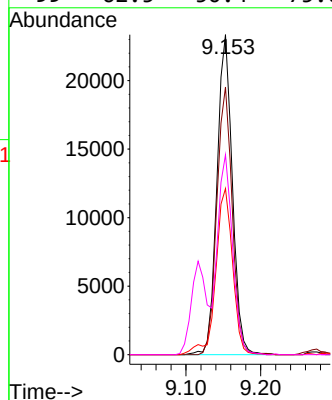
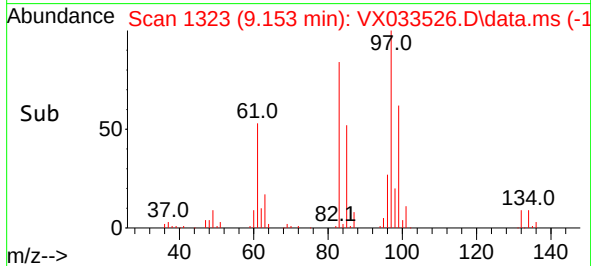
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



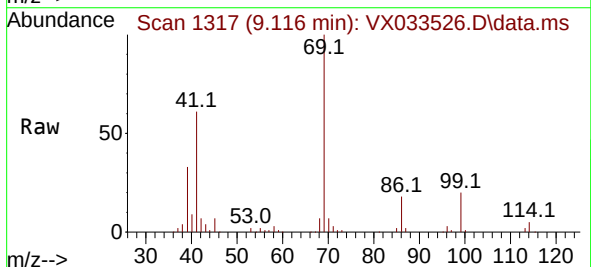
Tgt Ion: 97 Resp: 33398
Ion Ratio Lower Upper
97 100
83 83.7 68.1 102.1
85 51.9 43.3 64.9
99 62.5 50.4 75.6

Manual Integrations
APPROVED

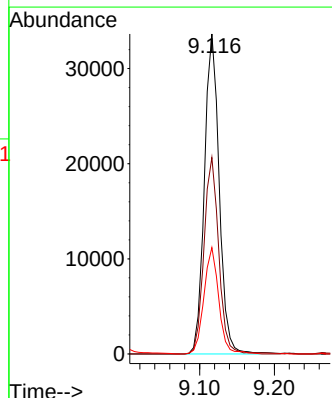
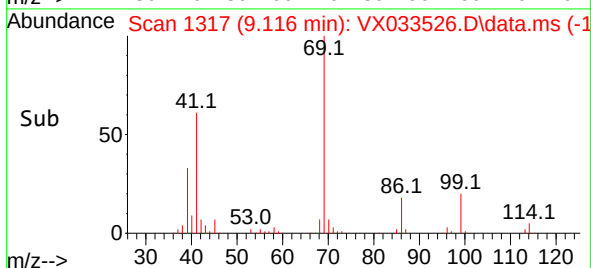
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

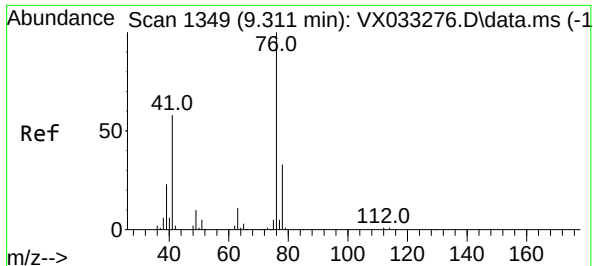


#56
Ethyl methacrylate
Concen: 20.107 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



Tgt Ion: 69 Resp: 46314
Ion Ratio Lower Upper
69 100
41 61.4 54.3 81.5
39 33.3 35.2 52.8





#57

1,3-Dichloropropane

Concen: 19.841 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

Tgt Ion: 76 Resp: 5214

Ion Ratio Lower Upper

76 100

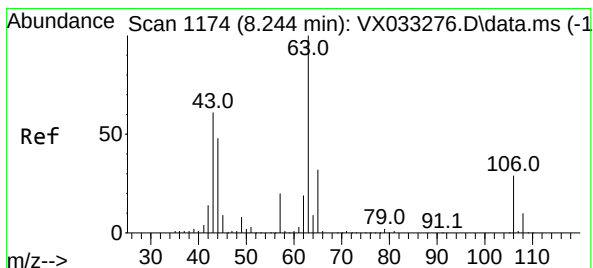
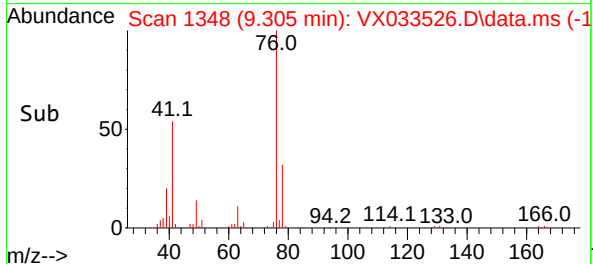
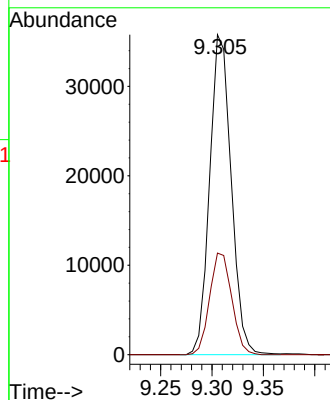
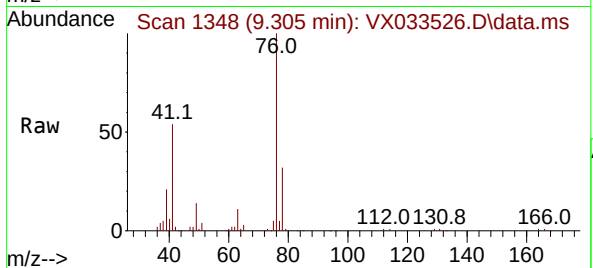
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.272 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033526.D

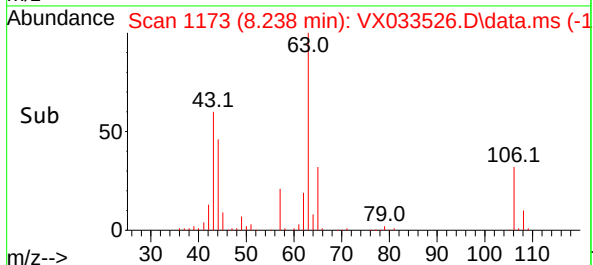
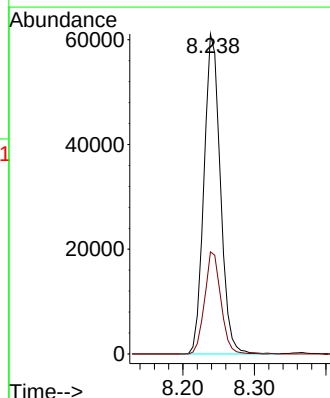
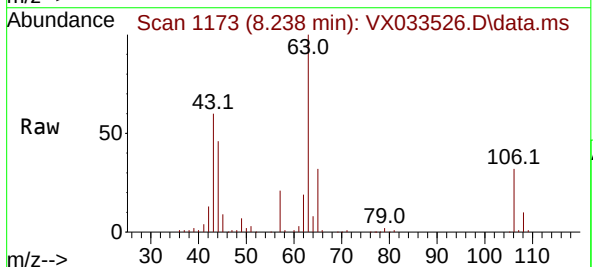
Acq: 21 Dec 2022 11:39

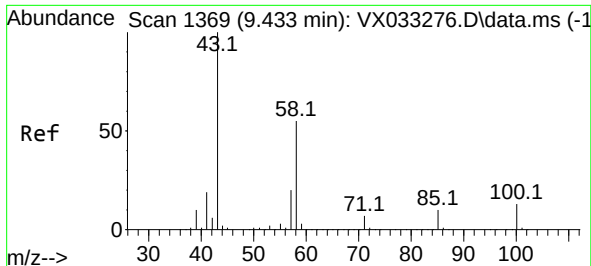
Tgt Ion: 63 Resp: 97249

Ion Ratio Lower Upper

63 100

106 31.6 23.3 34.9





#59

2-Hexanone

Concen: 96.988 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

Tgt Ion: 43 Resp: 14192

Ion Ratio Lower Upper

43 100

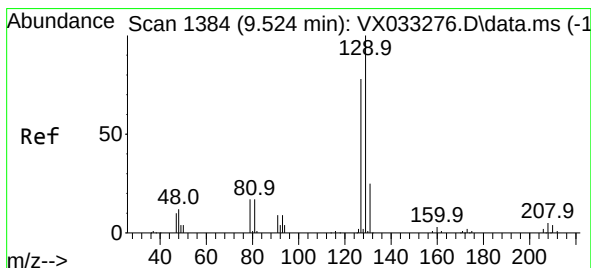
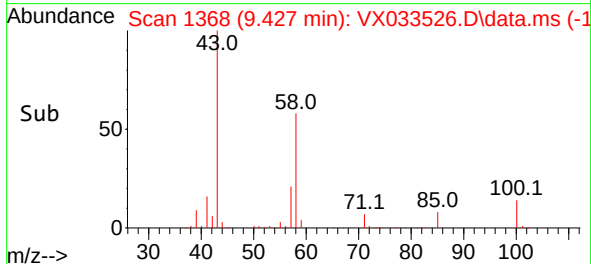
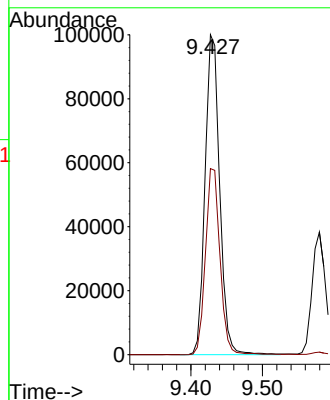
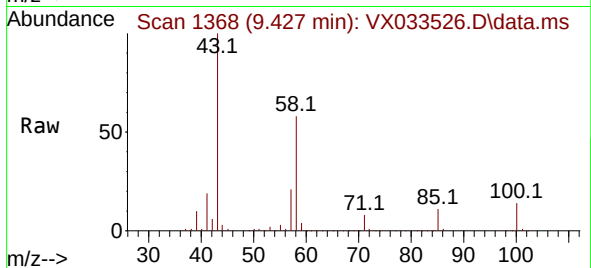
58 57.9 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#60

Dibromochloromethane

Concen: 20.917 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033526.D

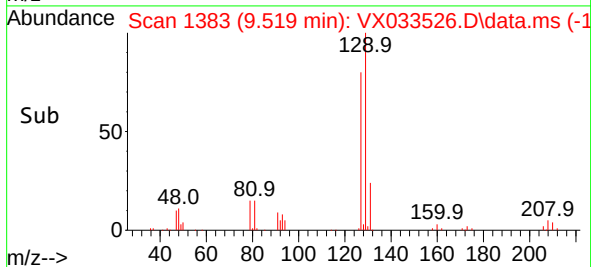
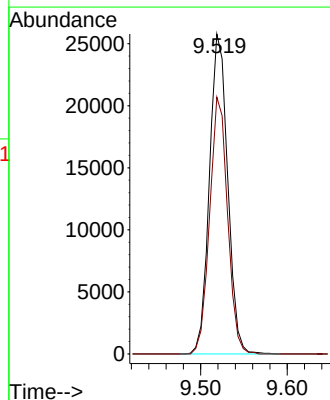
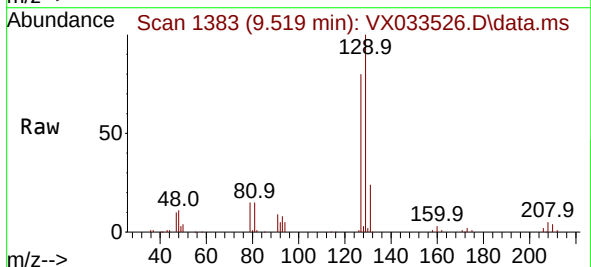
Acq: 21 Dec 2022 11:39

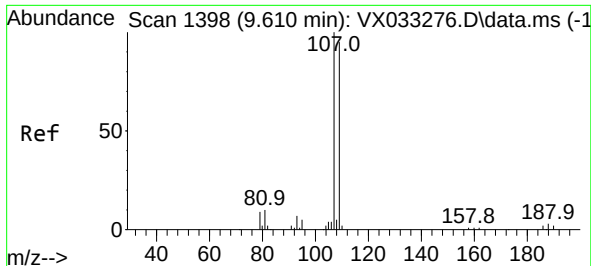
Tgt Ion:129 Resp: 37703

Ion Ratio Lower Upper

129 100

127 78.7 38.6 115.8





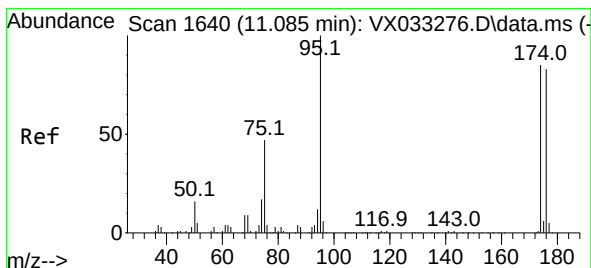
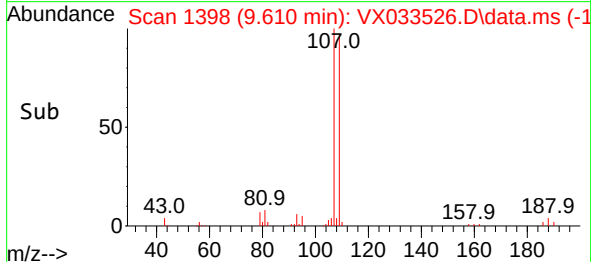
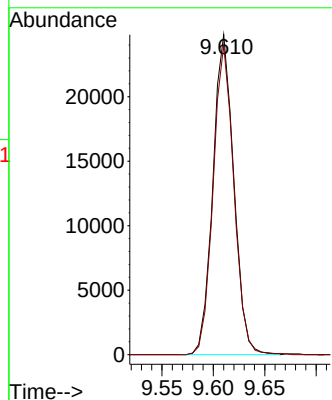
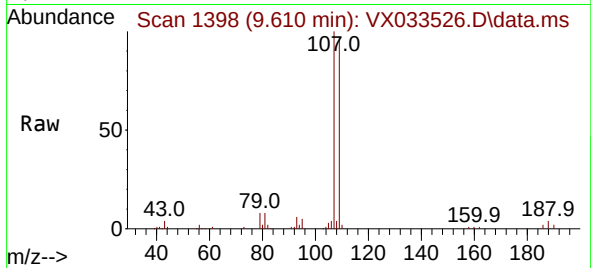
#61
1,2-Dibromoethane
Concen: 20.154 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion:107 Resp: 35072
Ion Ratio Lower Upper
107 100
109 96.1 76.0 114.0

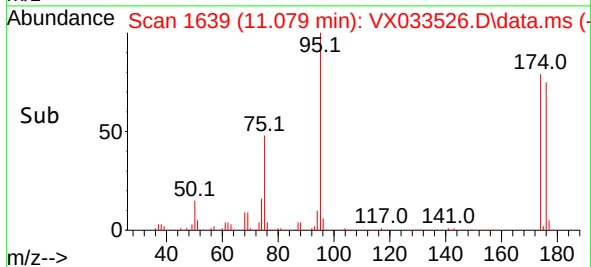
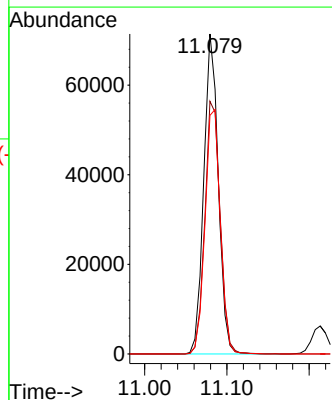
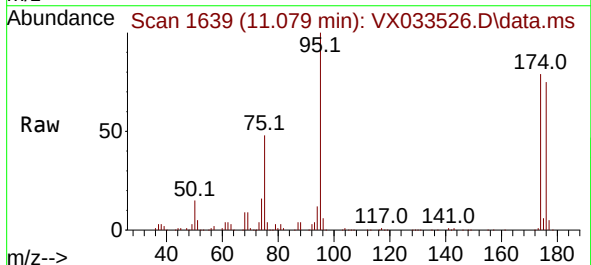
Manual Integrations
APPROVED

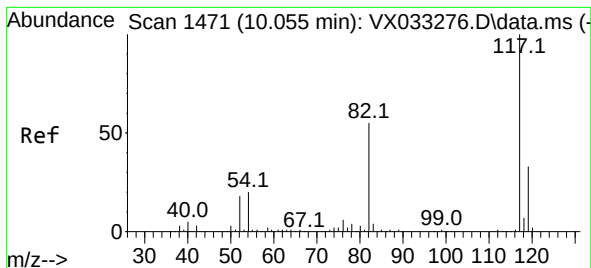
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#62
4-Bromofluorobenzene
Concen: 51.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

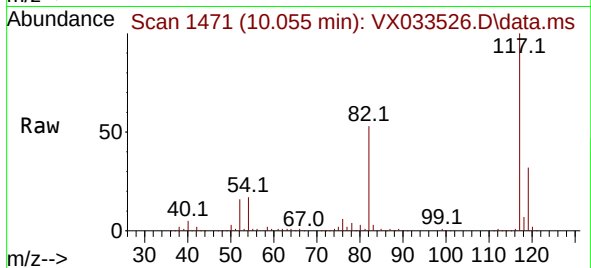
Tgt Ion: 95 Resp: 87424
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.0
176 80.8 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

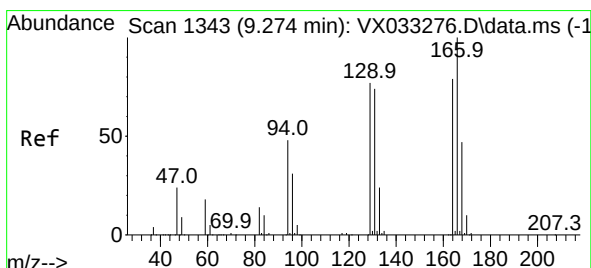
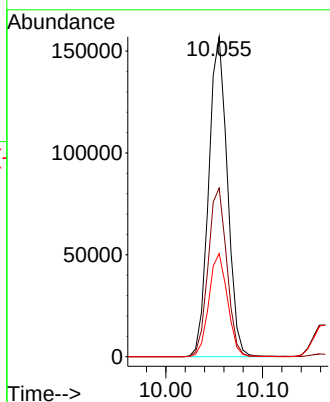
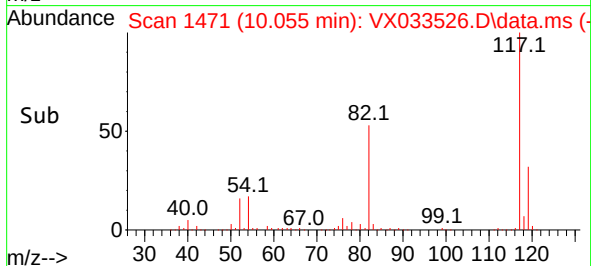
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



Tgt Ion:117 Resp: 210798
Ion Ratio Lower Upper
117 100
82 52.7 44.3 66.5
119 32.2 25.7 38.5

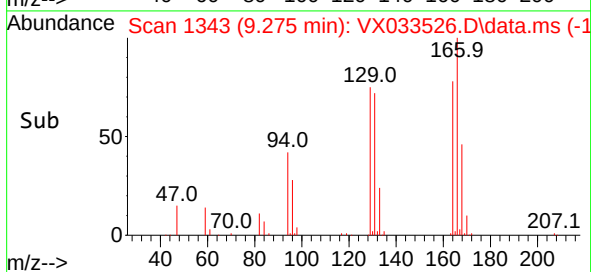
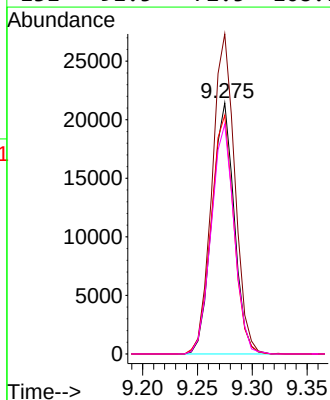
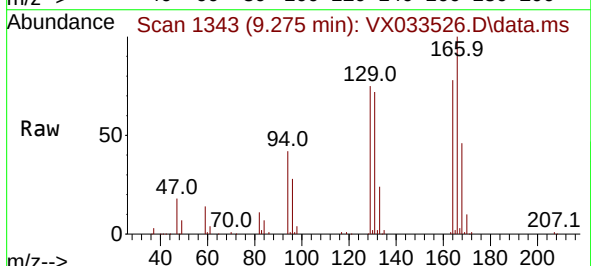
Manual Integrations
APPROVED

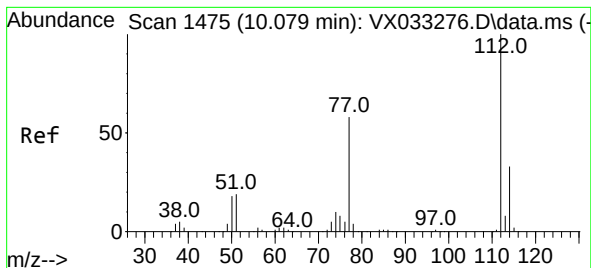
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#64
Tetrachloroethene
Concen: 20.843 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

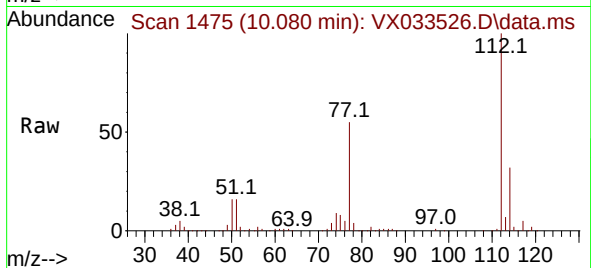
Tgt Ion:164 Resp: 30044
Ion Ratio Lower Upper
164 100
166 127.5 105.4 158.2
129 95.1 78.2 117.2
131 91.5 72.5 108.7





#65
Chlorobenzene
Concen: 20.479 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

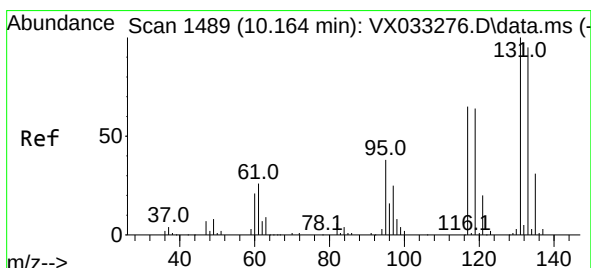
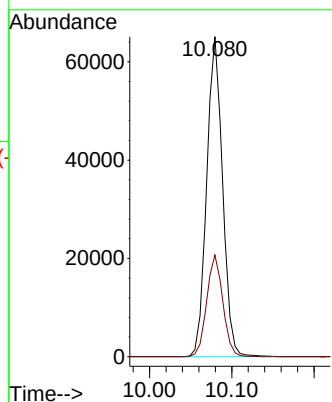
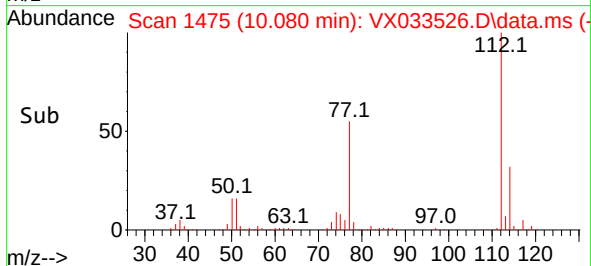
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



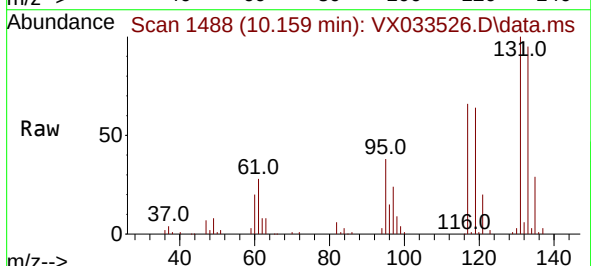
Tgt Ion:112 Resp: 87420
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

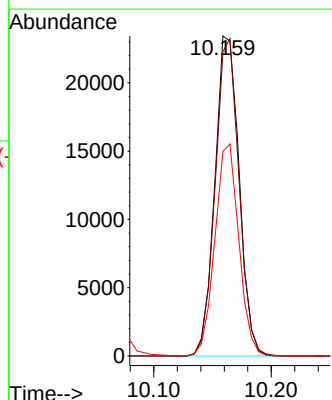
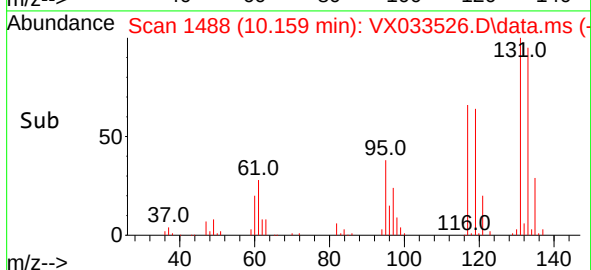
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

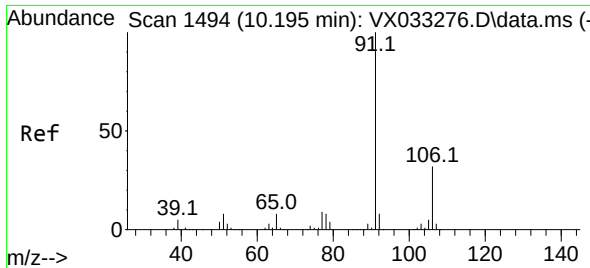


#66
1,1,1,2-Tetrachloroethane
Concen: 20.842 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



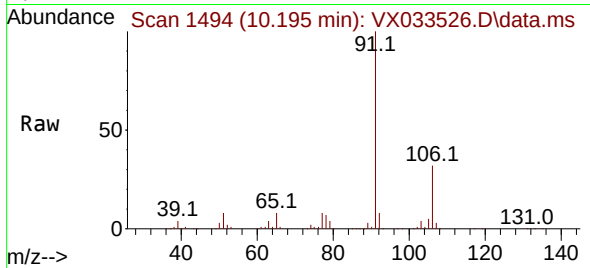
Tgt Ion:131 Resp: 33621
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.9
119 65.4 32.4 97.0





#67
Ethyl Benzene
Concen: 20.659 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

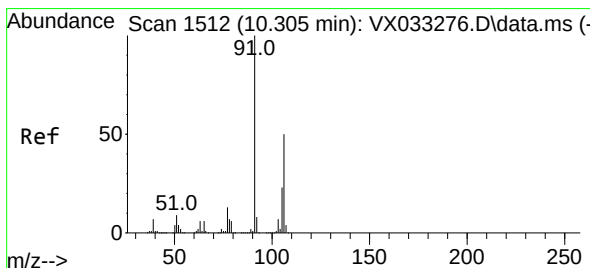
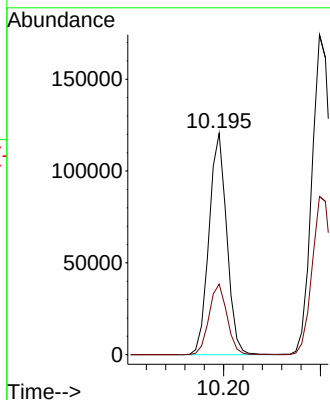
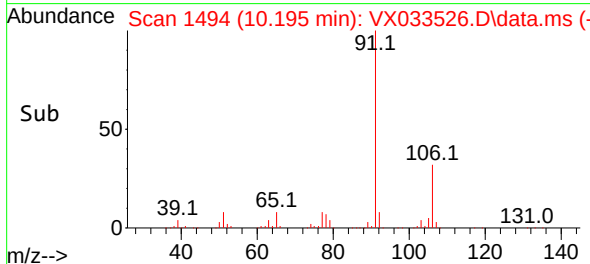
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



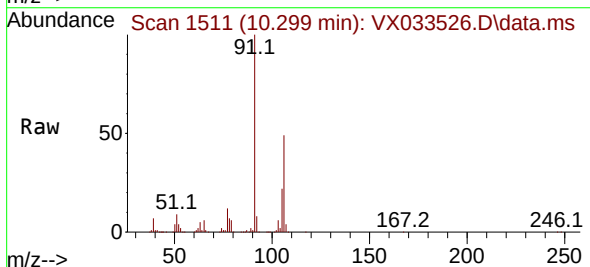
Tgt Ion: 91 Resp: 15363
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

Manual Integrations
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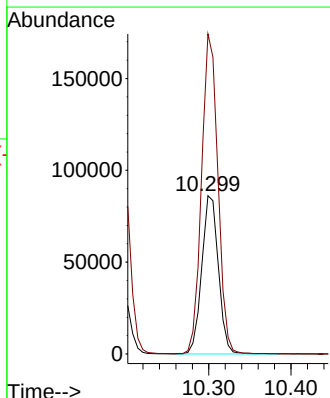
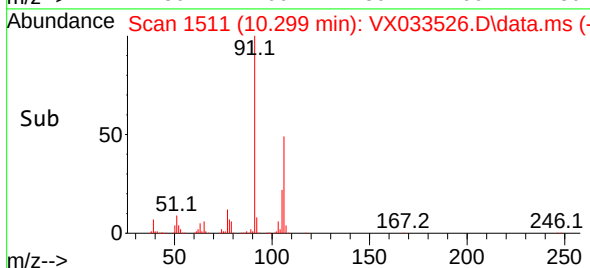
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

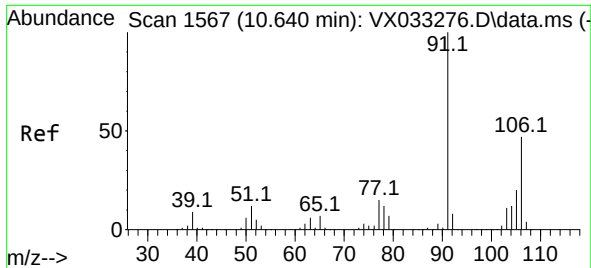


#68
m/p-Xylenes
Concen: 41.850 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



Tgt Ion:106 Resp: 121087
Ion Ratio Lower Upper
106 100
91 199.3 164.5 246.7





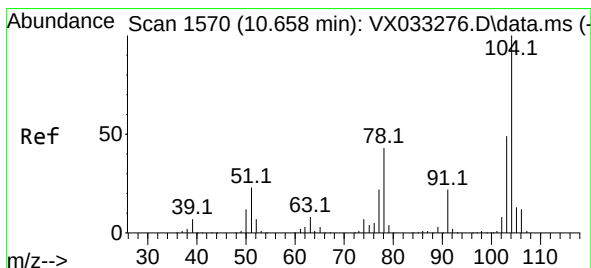
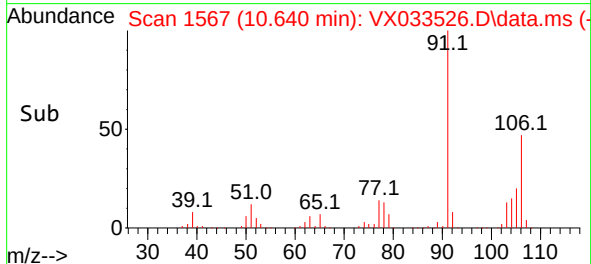
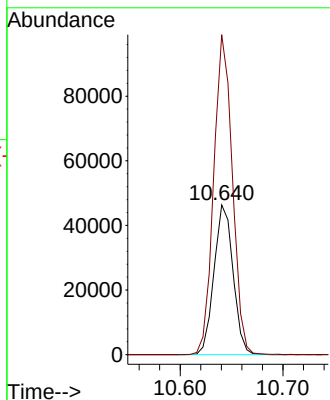
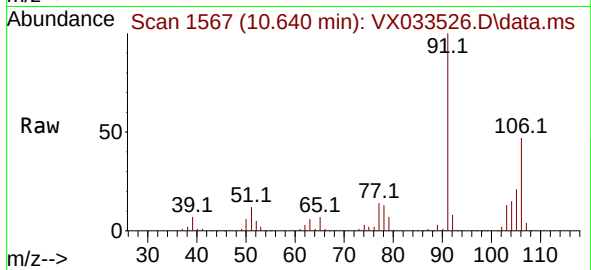
#69
o-Xylene
Concen: 20.858 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion:106 Resp: 59652
Ion Ratio Lower Upper
106 100
91 209.9 109.2 327.6

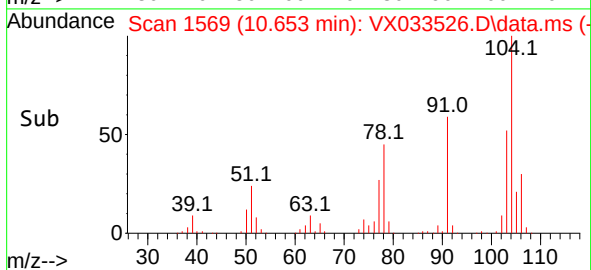
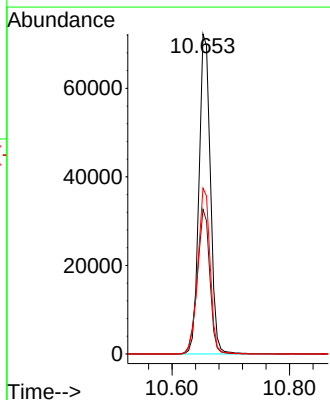
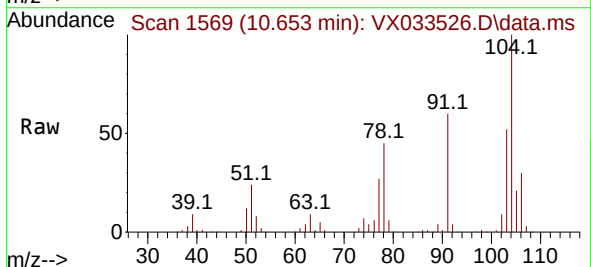
Manual Integrations
APPROVED

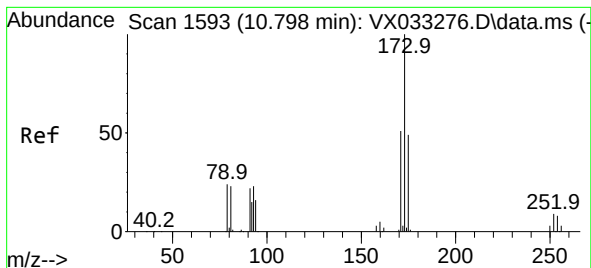
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 20.803 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion:104 Resp: 97438
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 55.5 44.5 66.7





#71

Bromoform

Concen: 21.856 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

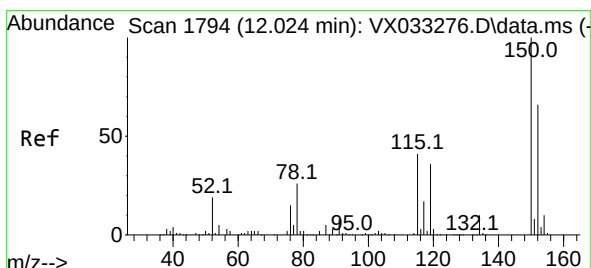
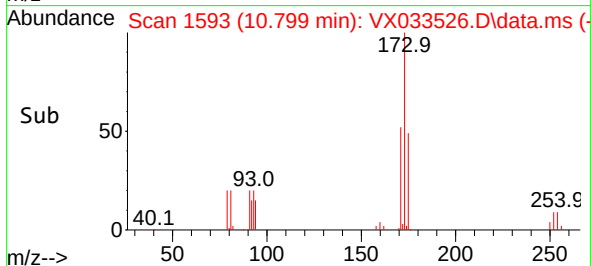
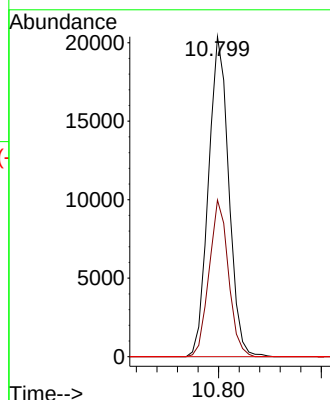
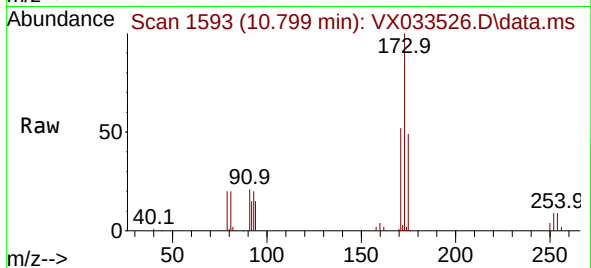
Tgt Ion:	173	Resp:	2790
Ion Ratio	Lower	Upper	
173	100		
175	46.6	23.9	71.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

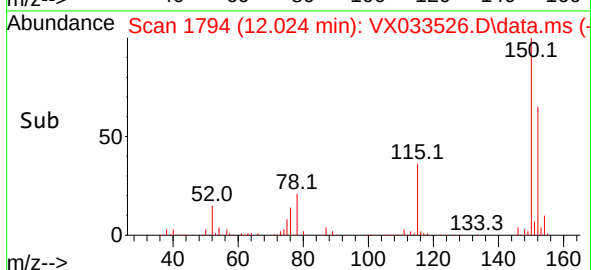
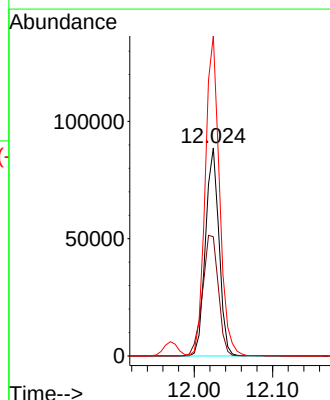
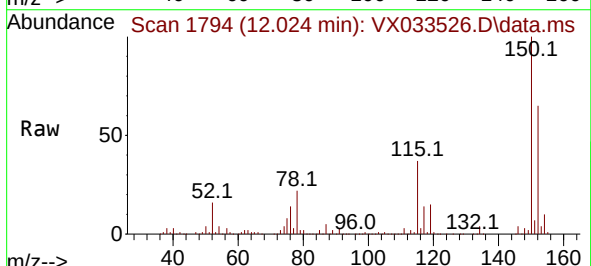
RT: 12.024 min Scan# 1794

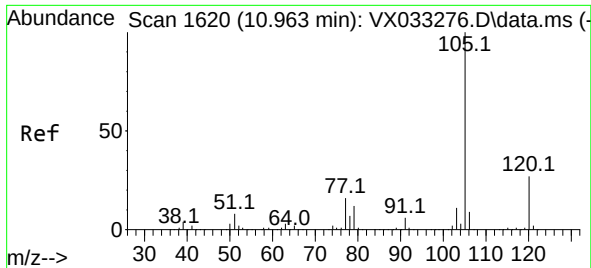
Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Tgt Ion:	152	Resp:	106074
Ion Ratio	Lower	Upper	
152	100		
115	68.1	44.0	132.0
150	161.9	0.0	351.8





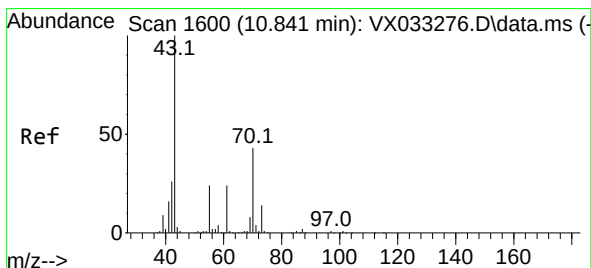
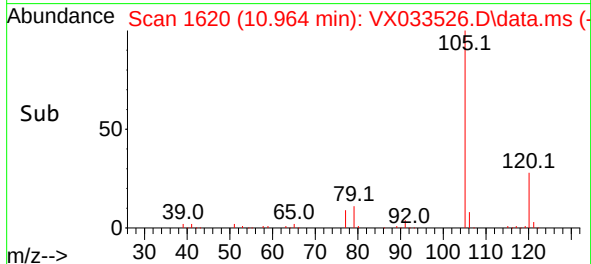
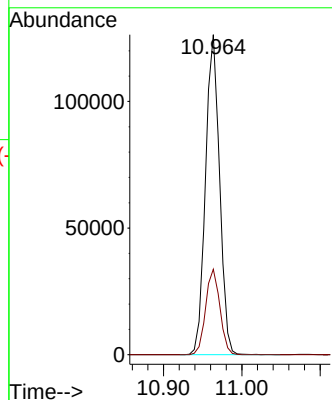
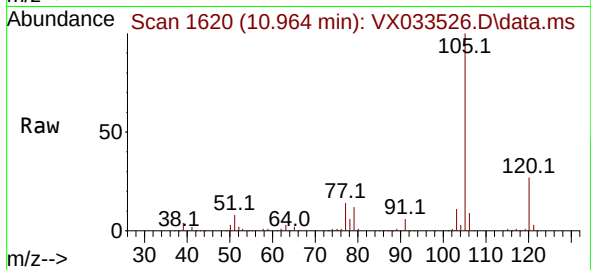
#73
Isopropylbenzene
Concen: 20.435 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion:105 Resp: 15711
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3

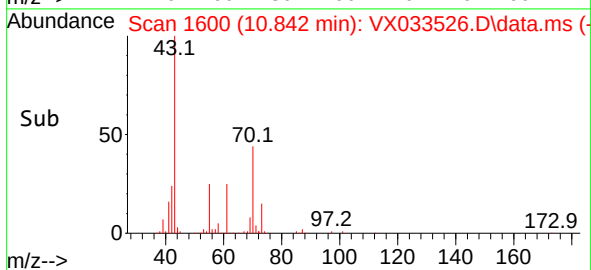
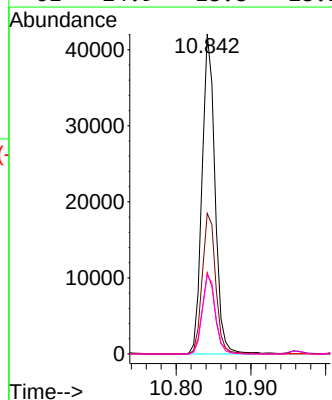
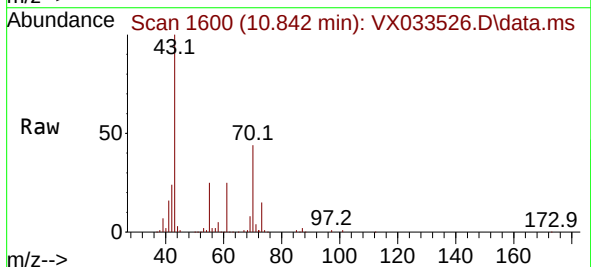
Manual Integrations
APPROVED

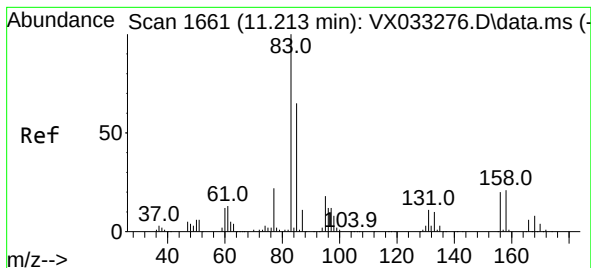
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#74
N-ethyl acetate
Concen: 19.318 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion: 43 Resp: 50674
Ion Ratio Lower Upper
43 100
70 45.5 33.6 50.4
55 25.3 19.4 29.2
61 24.9 18.8 28.2





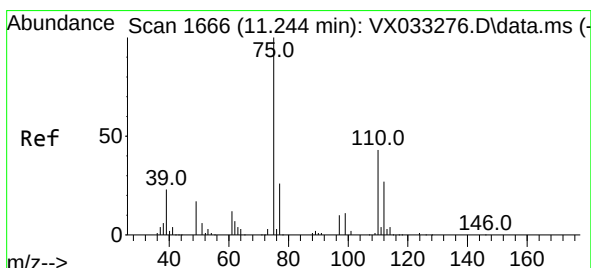
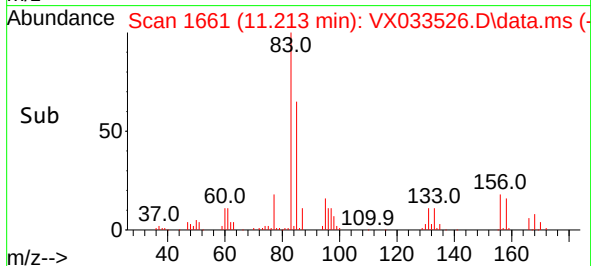
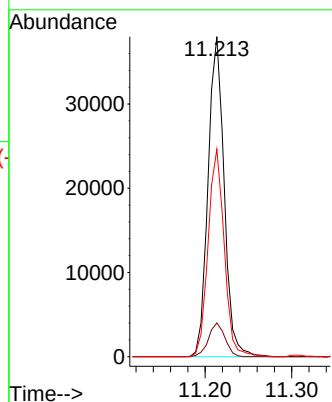
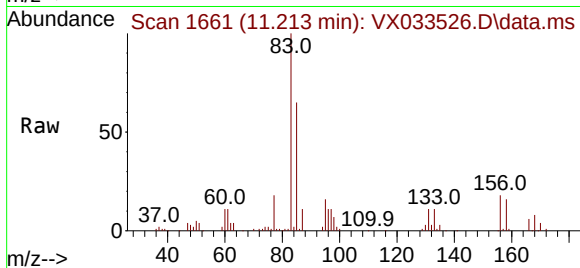
#75
1,1,2,2-Tetrachloroethane
Concen: 20.132 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 83 Resp: 49104
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.8 31.9 95.9

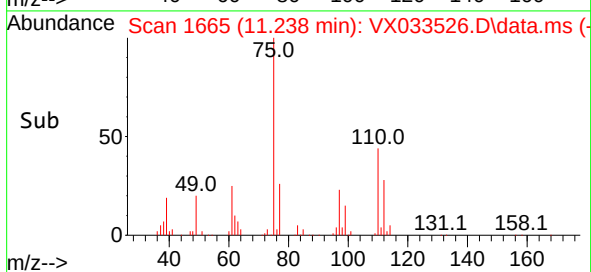
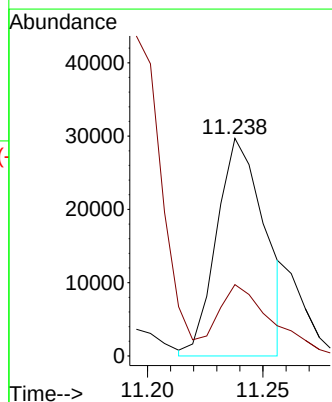
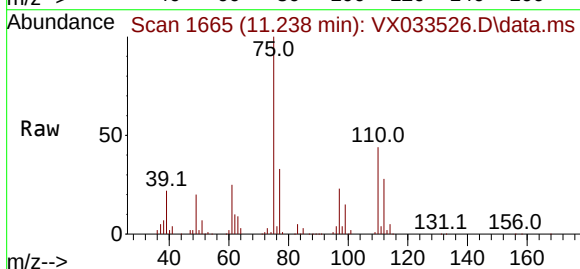
Manual Integrations
APPROVED

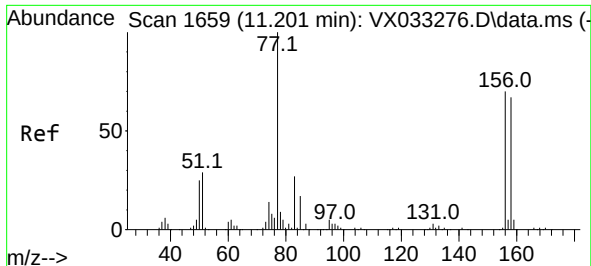
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#76
1,2,3-Trichloropropane
Concen: 19.916 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

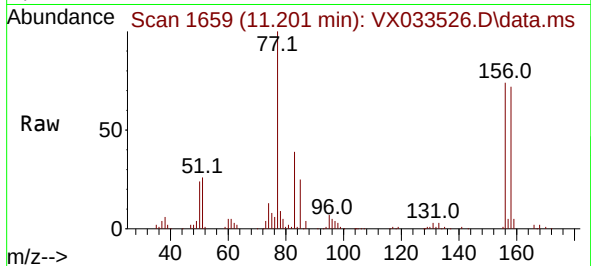
Tgt Ion: 75 Resp: 42981
Ion Ratio Lower Upper
75 100
77 37.6 20.0 60.0





#77
Bromobenzene
Concen: 20.593 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

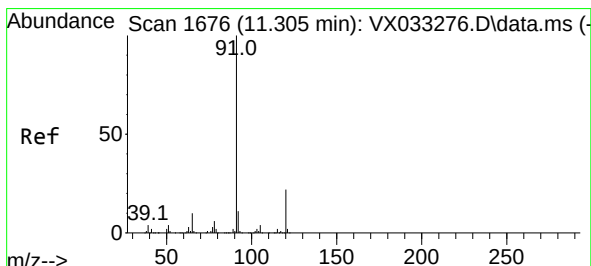
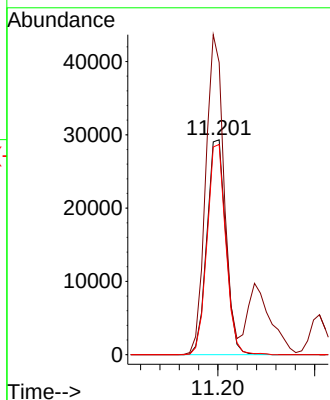
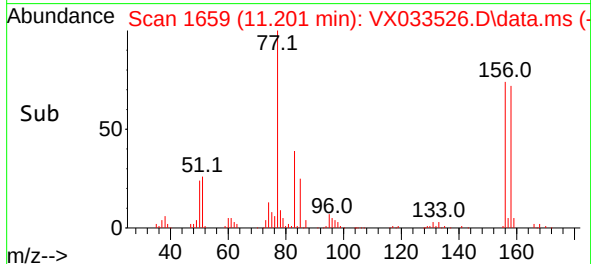
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



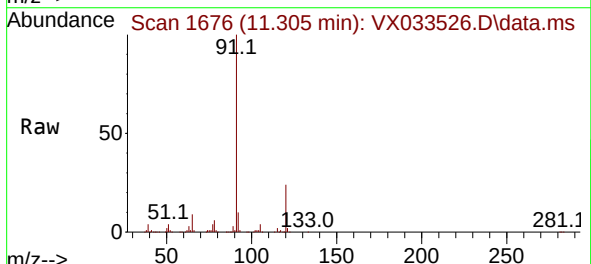
Tgt Ion:156 Resp: 3998
Ion Ratio Lower Upper
156 100
77 143.5 76.1 228.4
158 96.6 48.8 146.3

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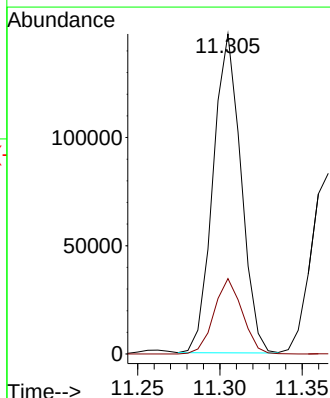
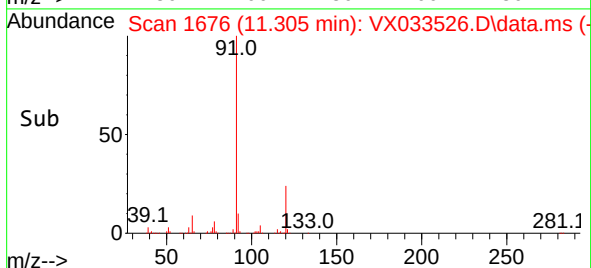
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

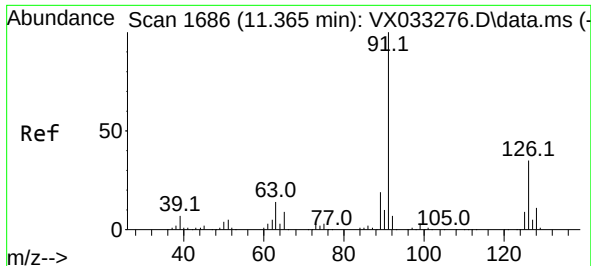


#78
n-propylbenzene
Concen: 20.257 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



Tgt Ion: 91 Resp: 173898
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.8





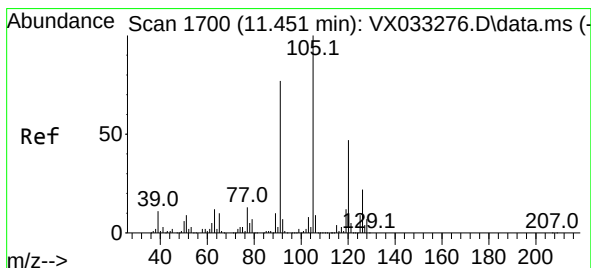
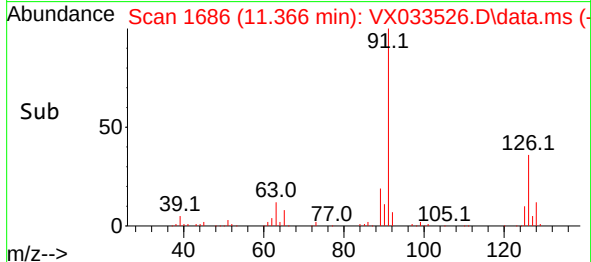
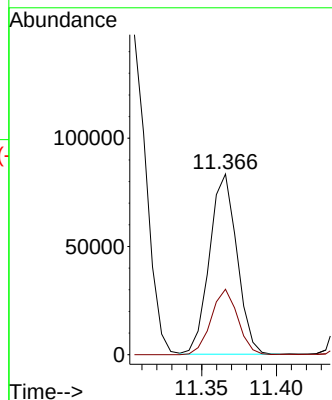
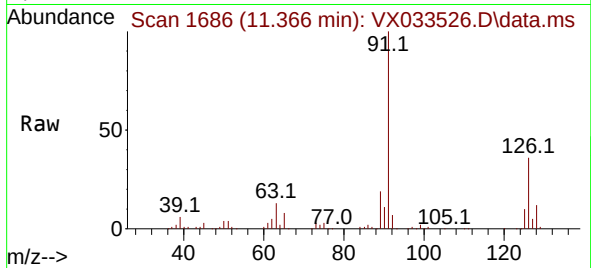
#79
2-Chlorotoluene
Concen: 20.040 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 91 Resp: 10632
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2

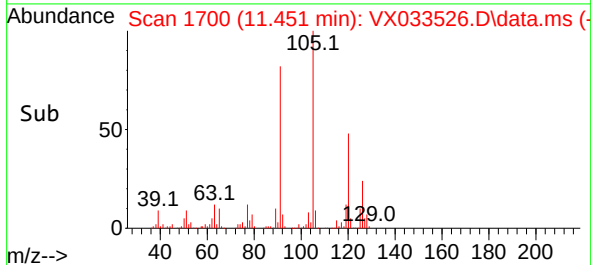
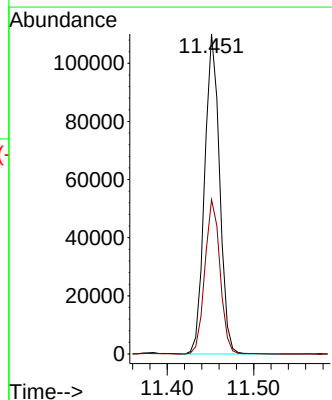
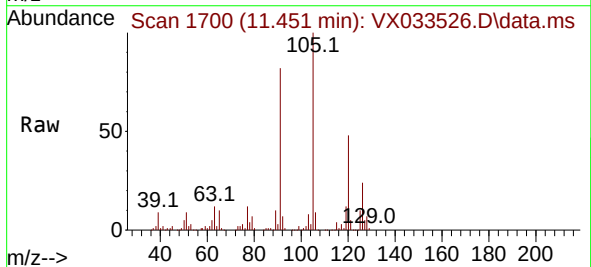
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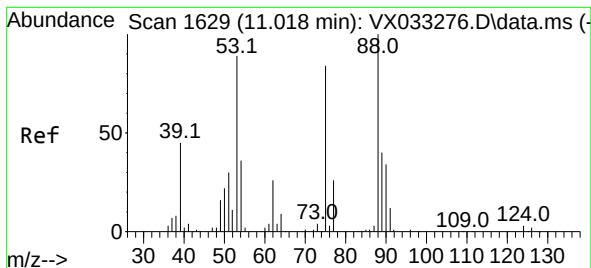
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.624 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion:105 Resp: 131990
Ion Ratio Lower Upper
105 100
120 48.7 23.6 71.0





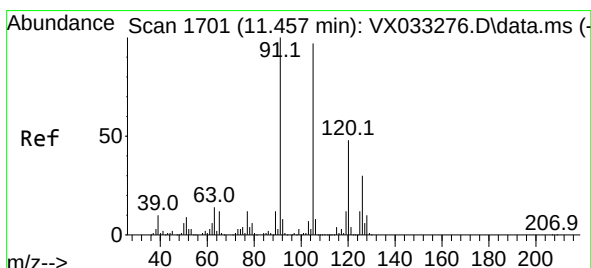
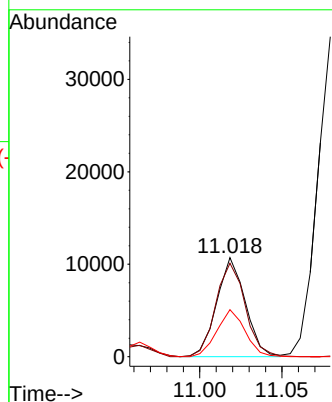
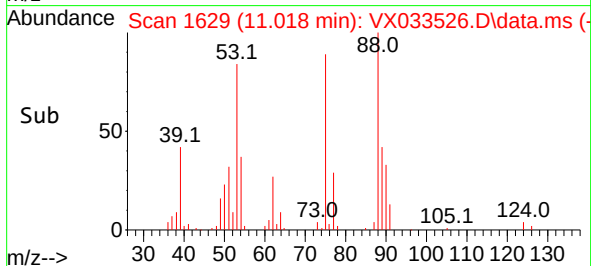
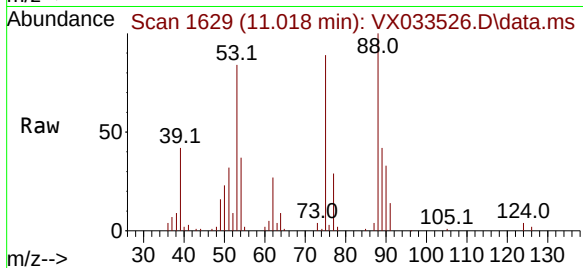
#81
trans-1,4-Dichloro-2-butene
Concen: 18.691 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01

Tgt Ion: 75 Resp: 1296
Ion Ratio Lower Upper
75 100
53 97.3 86.9 130.3
89 46.7 38.3 57.5

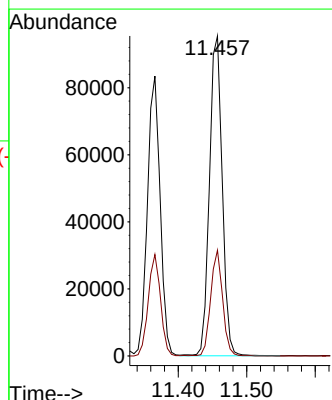
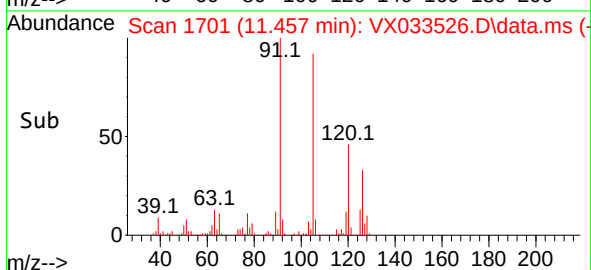
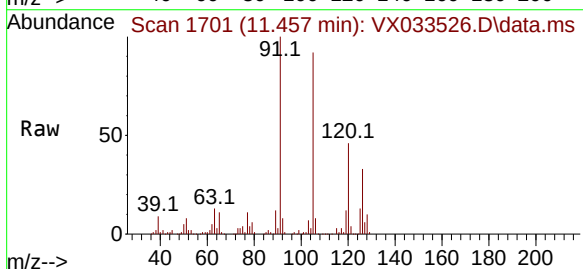
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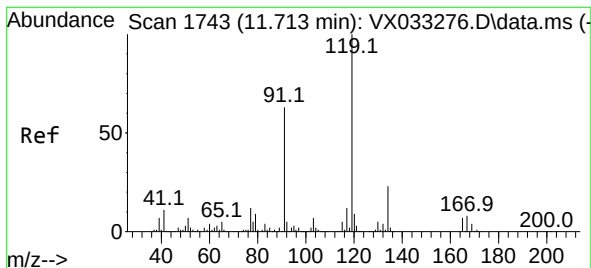
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#82
4-Chlorotoluene
Concen: 20.048 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

Tgt Ion: 91 Resp: 123678
Ion Ratio Lower Upper
91 100
126 31.0 14.8 44.4





#83

tert-Butylbenzene

Concen: 20.940 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

Tgt Ion:119 Resp: 13363

Ion Ratio Lower Upper

119 100

91 55.2 29.4 88.2

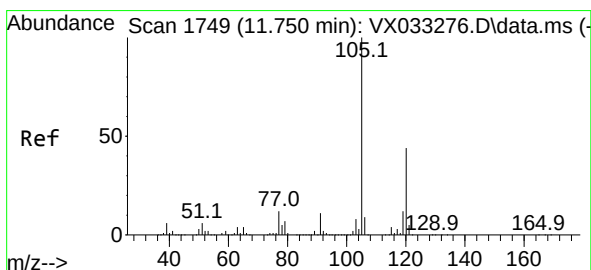
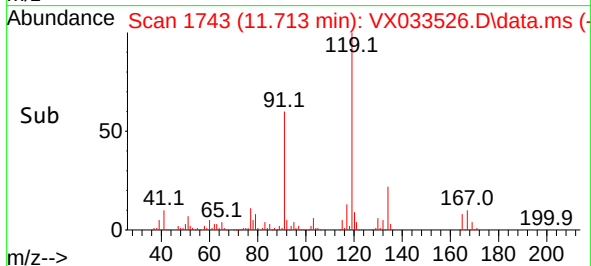
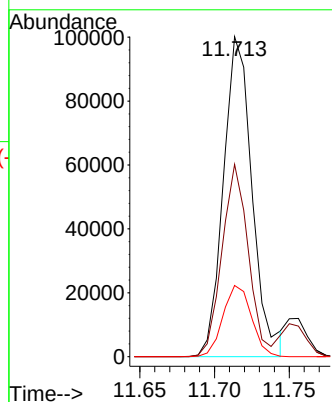
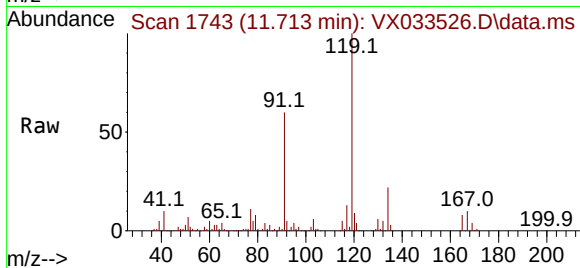
134 22.1 11.0 33.0

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#84

1,2,4-Trimethylbenzene

Concen: 20.621 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033526.D

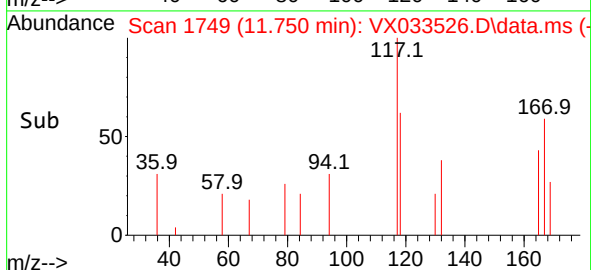
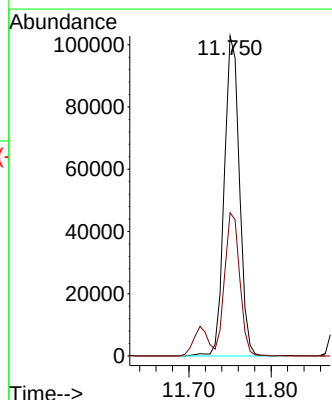
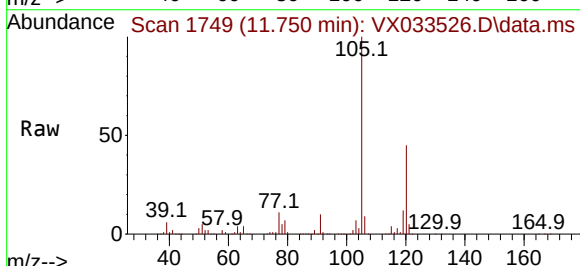
Acq: 21 Dec 2022 11:39

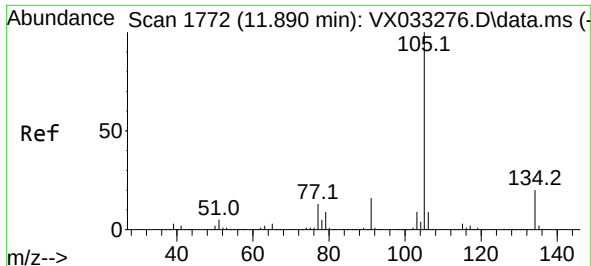
Tgt Ion:105 Resp: 131736

Ion Ratio Lower Upper

105 100

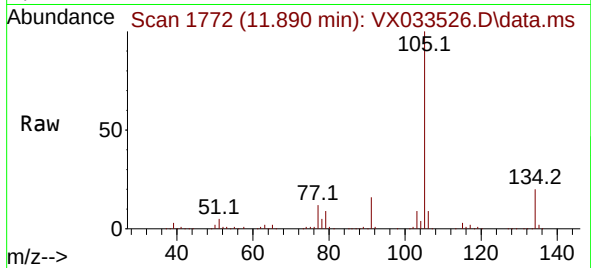
120 44.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 21.006 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033526.D
 Acq: 21 Dec 2022 11:39

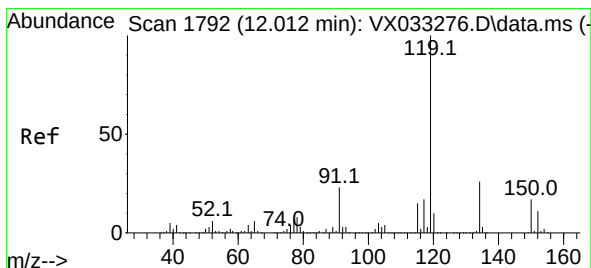
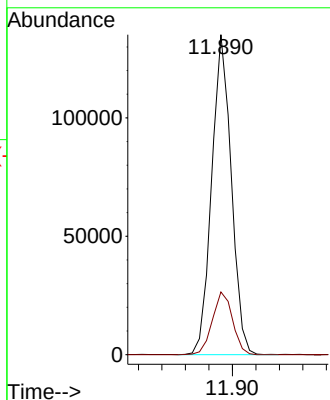
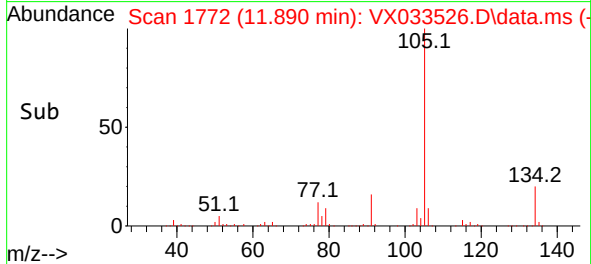
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBSD01



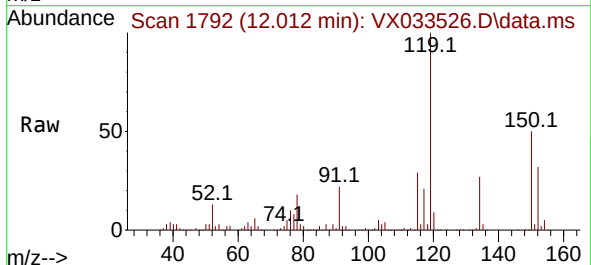
Tgt Ion:105 Resp: 156409
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

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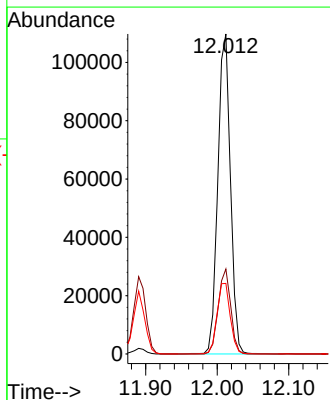
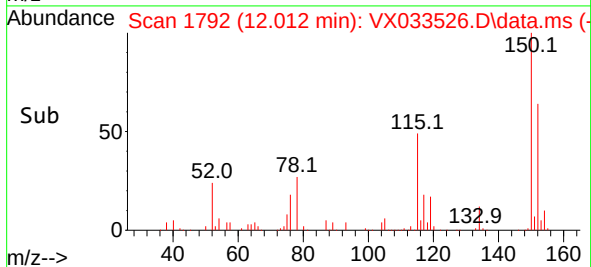
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

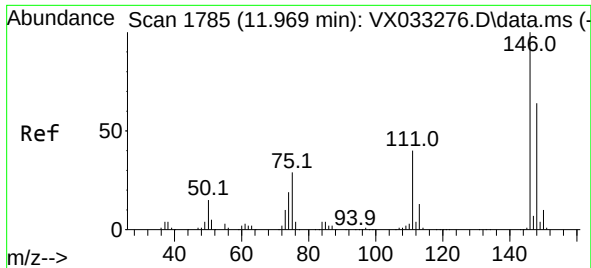


#86
 p-Isopropyltoluene
 Concen: 20.895 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033526.D
 Acq: 21 Dec 2022 11:39



Tgt Ion:119 Resp: 134135
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 20.946 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1221WBSD01

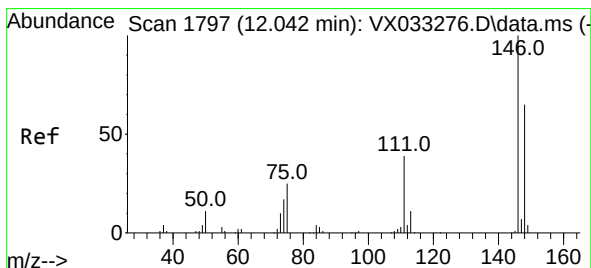
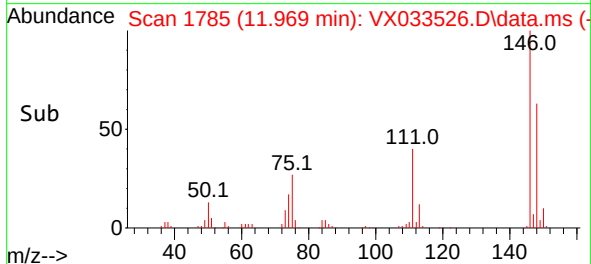
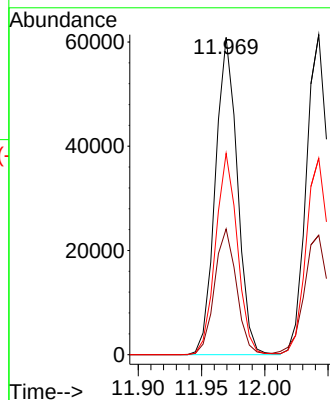
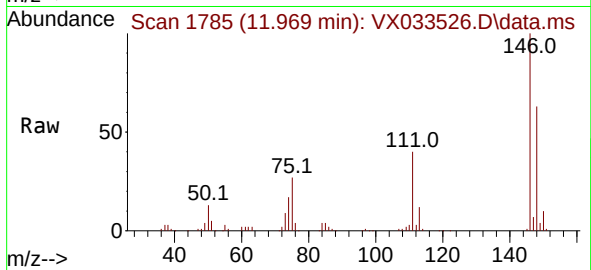
Tgt Ion:146 Resp: 7366
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.6 61.8
 148 62.8 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#88

1,4-Dichlorobenzene

Concen: 20.892 ug/l

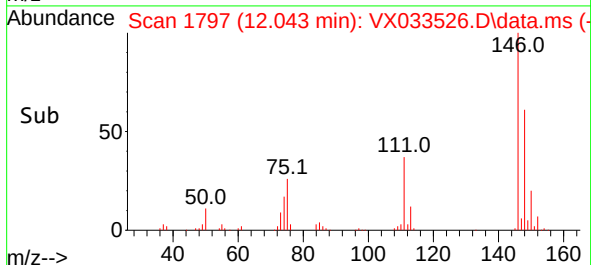
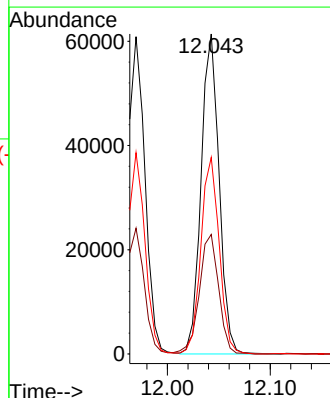
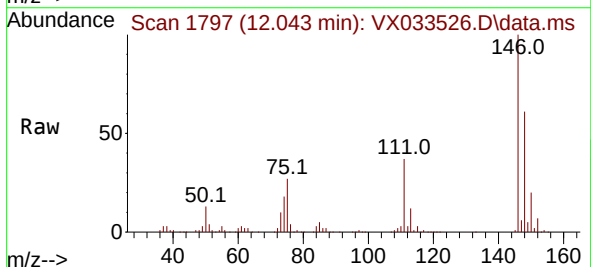
RT: 12.043 min Scan# 1797

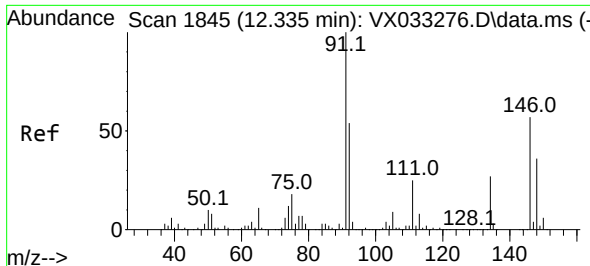
Delta R.T. 0.000 min

Lab File: VX033526.D

Acq: 21 Dec 2022 11:39

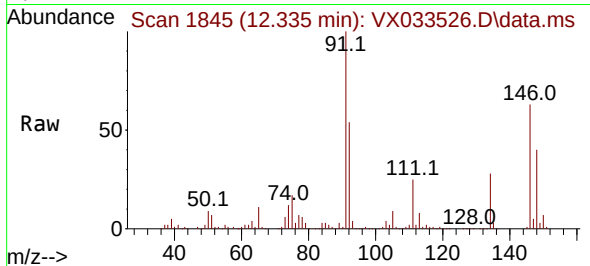
Tgt Ion:146 Resp: 75049
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.5 61.6
 148 62.4 32.2 96.6





#89
n-Butylbenzene
Concen: 20.966 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

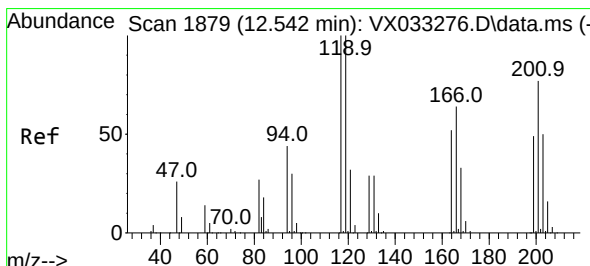
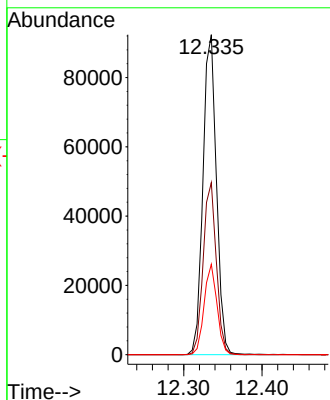
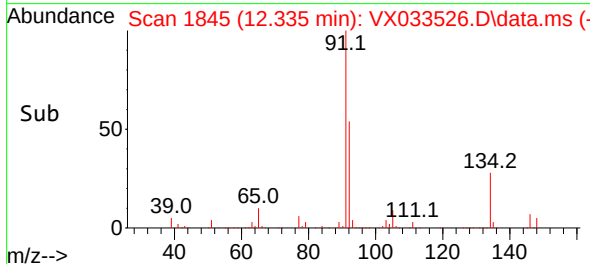
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



Tgt Ion: 91 Resp: 110234
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 27.0 12.9 38.6

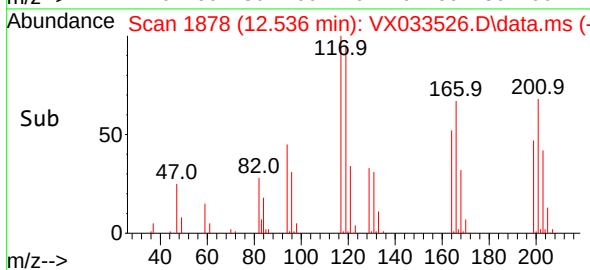
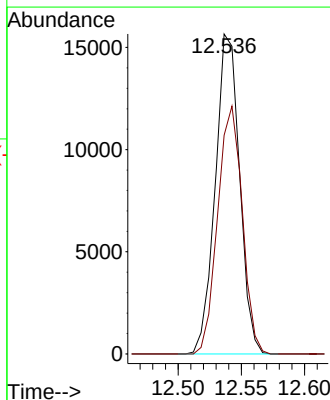
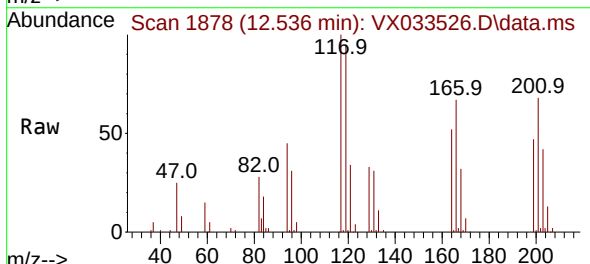
Manual Integrations
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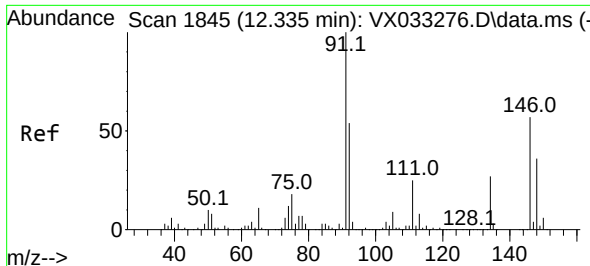
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#90
Hexachloroethane
Concen: 19.143 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

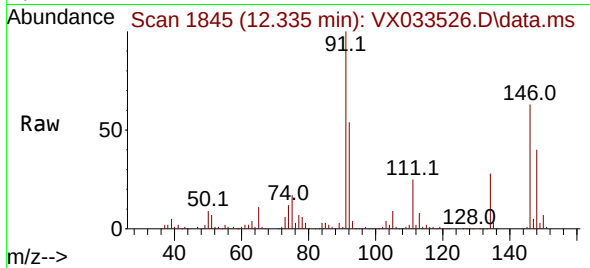
Tgt Ion:117 Resp: 20889
Ion Ratio Lower Upper
117 100
201 78.4 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 20.469 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

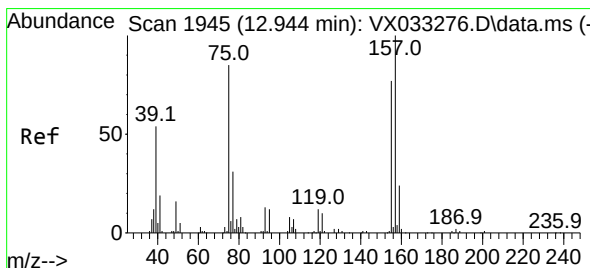
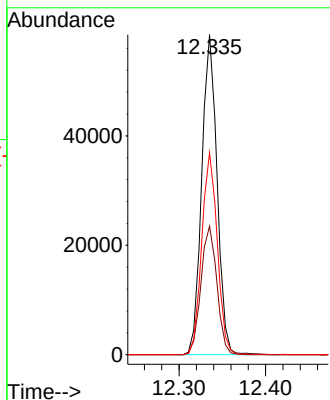
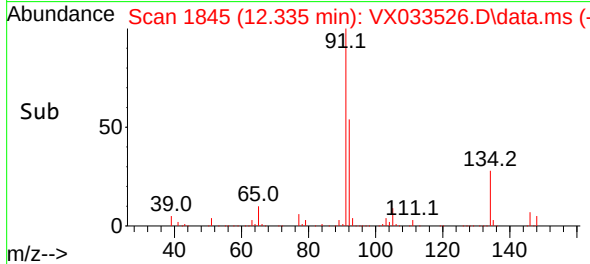
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



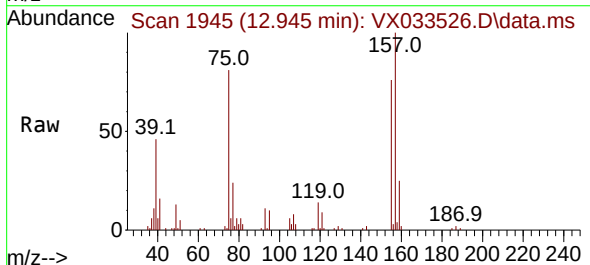
Tgt Ion:146 Resp: 71970
Ion Ratio Lower Upper
146 100
111 41.6 21.5 64.5
148 64.0 32.0 96.2

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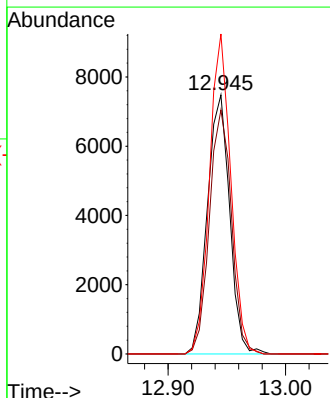
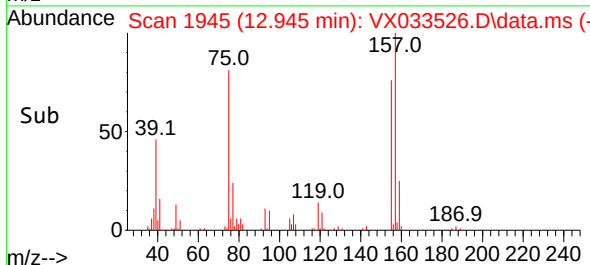
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

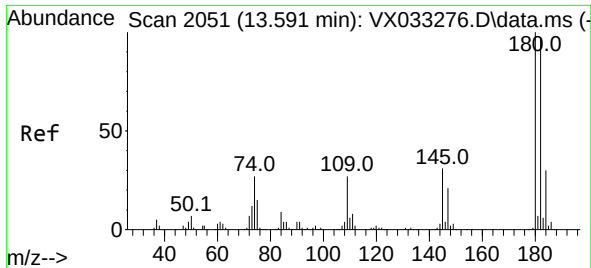


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.618 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



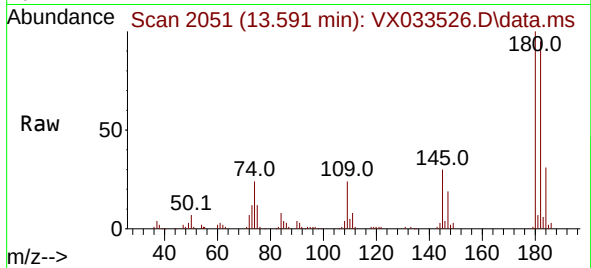
Tgt Ion: 75 Resp: 9809
Ion Ratio Lower Upper
75 100
155 93.7 41.6 124.8
157 118.5 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 20.973 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

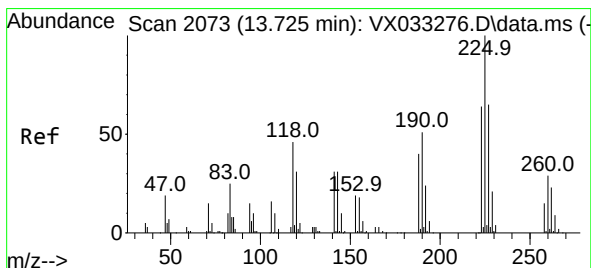
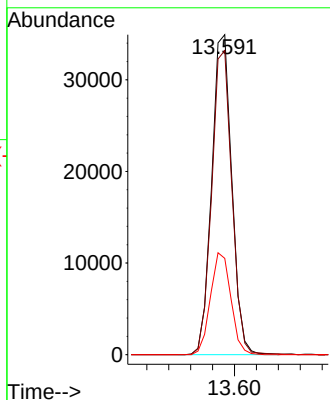
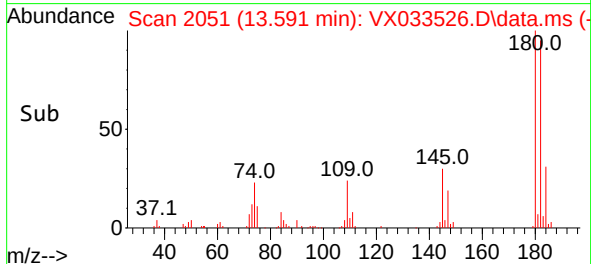
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



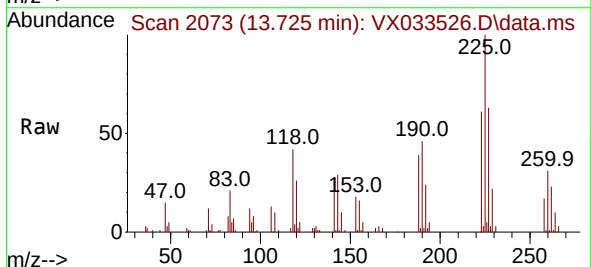
Tgt Ion:180 Resp: 44536
Ion Ratio Lower Upper
180 100
182 95.5 48.4 145.0
145 32.4 16.2 48.5

Manual Integrations
APPROVED

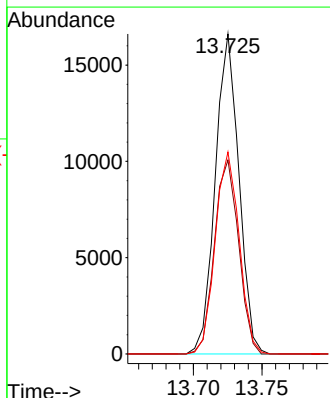
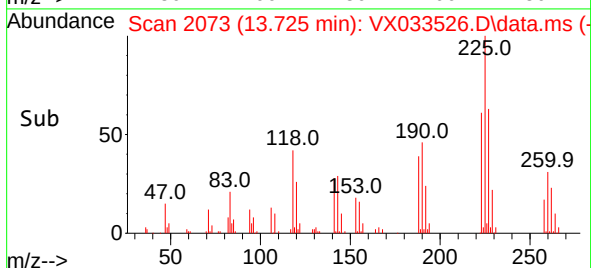
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

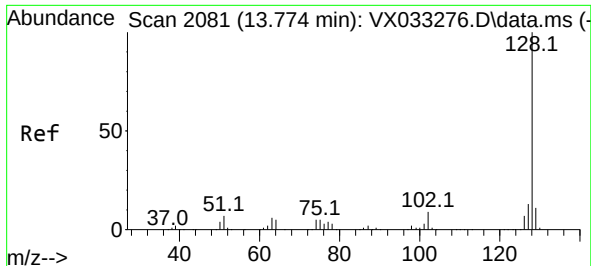


#94
Hexachlorobutadiene
Concen: 23.357 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



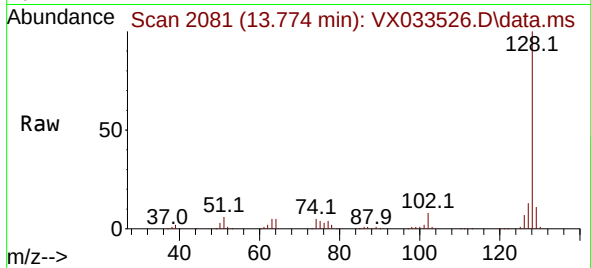
Tgt Ion:225 Resp: 19861
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.9
227 64.2 31.9 95.5





#95
Naphthalene
Concen: 20.915 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39

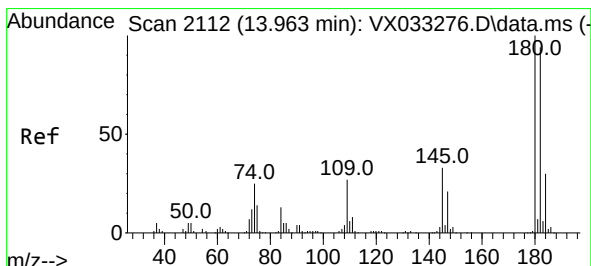
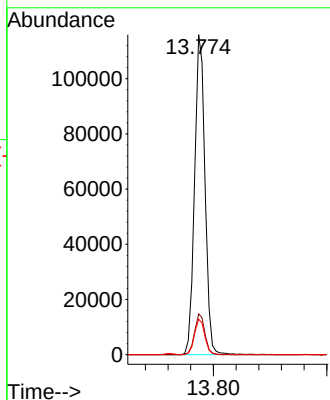
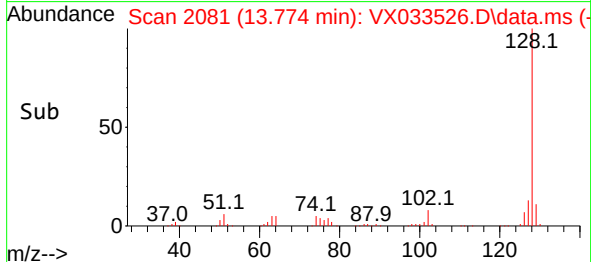
Instrument :
MSVOA_X
ClientSampleId :
VX1221WBSD01



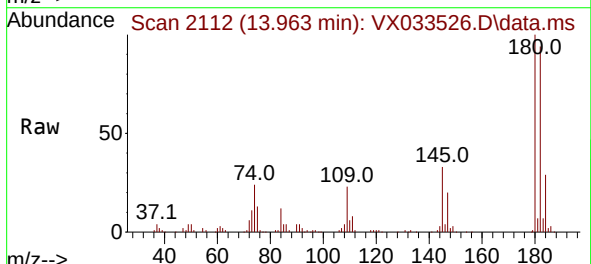
Tgt Ion:128 Resp: 148148
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.9 13.3

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#96
1,2,3-Trichlorobenzene
Concen: 21.266 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033526.D
Acq: 21 Dec 2022 11:39



Tgt Ion:180 Resp: 45737
Ion Ratio Lower Upper
180 100
182 93.0 47.5 142.6
145 32.6 16.9 50.6

