

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025147.D
 Acq On : 22 Dec 2022 09:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:39:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 13 22:02:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	440758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	381612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	189055	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	123064	24.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.880%
7) Chloroethane-d5	2.885	69	87480	26.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.640%
11) 1,1-Dichloroethene-d2	4.019	63	289312	25.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.960%
21) 2-Butanone-d5	7.080	46	56203	44.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.120%
24) Chloroform-d	7.647	84	289119	25.412	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.640%
26) 1,2-Dichloroethane-d4	8.305	65	143029	24.790	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.160%
32) Benzene-d6	8.275	84	585488	26.162	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.640%
36) 1,2-Dichloropropane-d6	9.274	67	167329	25.696	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.800%
41) Toluene-d8	10.323	98	531889	26.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.840%
43) trans-1,3-Dichloroprop...	10.579	79	68813	25.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.080%
47) 2-Hexanone-d5	10.921	63	46251	48.410	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114988	23.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.640%
66) 1,2-Dichlorobenzene-d4	13.847	152	160529	25.051	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	62857	23.531	ug/L	97
3) Chloromethane	2.209	50	109415	23.263	ug/L	99
5) Vinyl chloride	2.361	62	154859	26.319	ug/L	98
6) Bromomethane	2.776	94	78108	25.619	ug/L	97
8) Chloroethane	2.922	64	75621	27.787	ug/L	98
9) Trichlorofluoromethane	3.257	101	132073	29.952	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	150969	25.919	ug/L	99
12) 1,1-Dichloroethene	4.038	96	145543	26.209	ug/L	99
13) Acetone	4.129	43	65885	50.248	ug/L	100
14) Carbon disulfide	4.379	76	447740	25.256	ug/L	99
15) Methyl Acetate	4.672	43	50153	23.434	ug/L	99
16) Methylene chloride	4.915	84	153658	22.305	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	157227	26.708	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	220539	25.248	ug/L	100
19) 1,1-Dichloroethane	6.214	63	280277	26.349	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	163511	26.268	ug/L	96
22) 2-Butanone	7.171	43	78186	47.397	ug/L	98
23) Bromochloromethane	7.519	128	68220	25.899	ug/L	97
25) Chloroform	7.671	83	286322	26.599	ug/L	98

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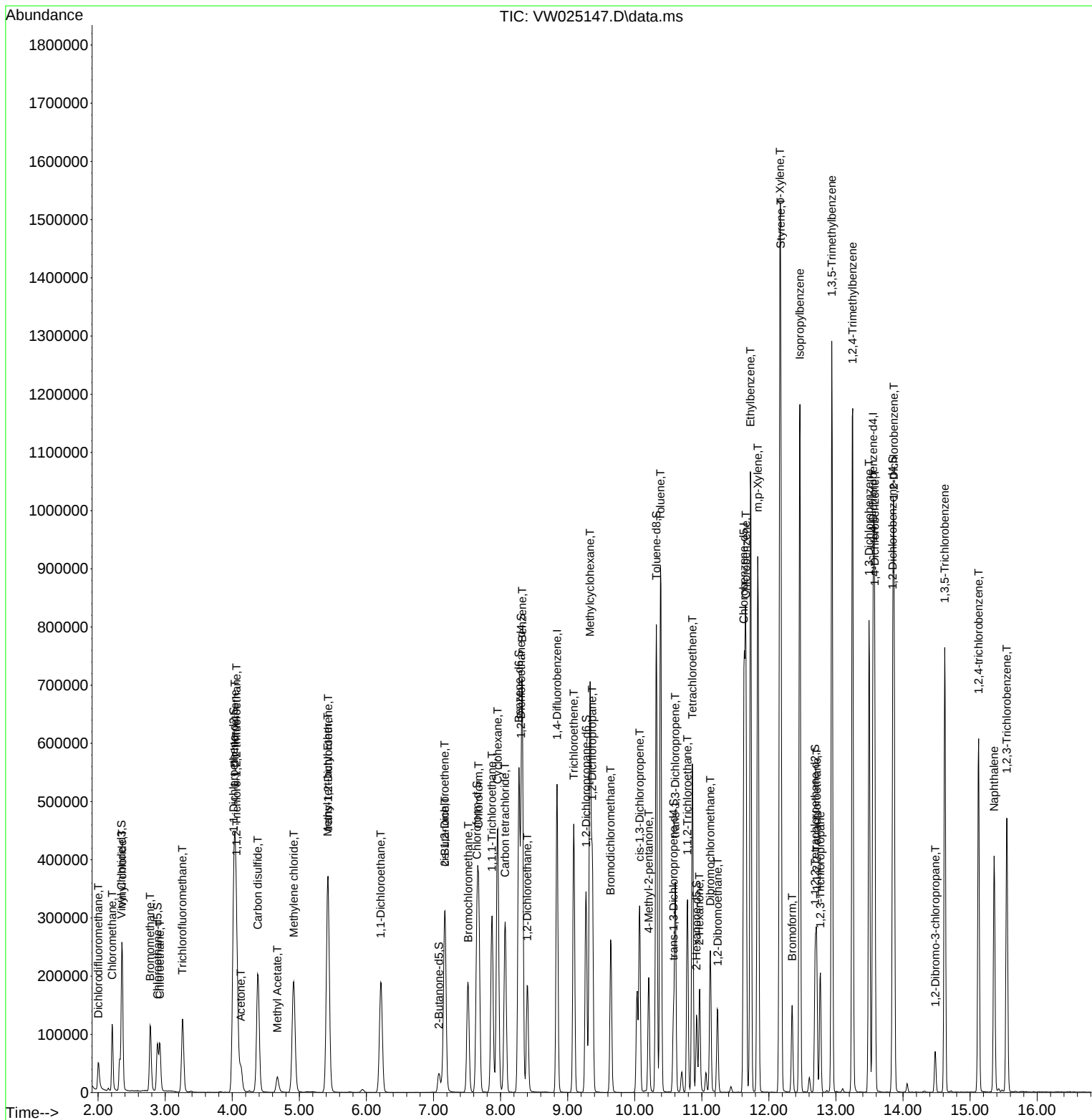
Instrument :
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 ClientSampleId :

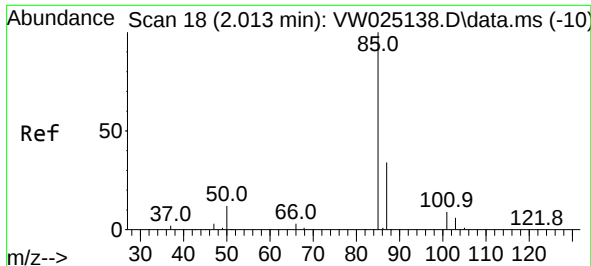
Quant Time: Dec 23 00:39:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 13 22:02:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	169517	25.013	ug/L	100
29) Cyclohexane	7.958	56	263786	27.298	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	249827	27.733	ug/L	100
31) Carbon tetrachloride	8.067	117	223099	26.935	ug/L	99
33) Benzene	8.323	78	633024	26.778	ug/L	100
34) Trichloroethene	9.092	95	165040	26.652	ug/L	97
35) Methylcyclohexane	9.335	83	295418	26.896	ug/L	100
37) 1,2-Dichloropropane	9.366	63	153400	26.904	ug/L	99
38) Bromodichloromethane	9.640	83	175371	23.282	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	192658	22.114	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	121009	41.401	ug/L	99
42) Toluene	10.384	91	673225	27.181	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	202783	27.179	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	105584	25.949	ug/L	97
46) Tetrachloroethene	10.860	164	124026	27.514	ug/L	93
48) 2-Hexanone	10.963	43	110549	51.782	ug/L	99
49) Dibromochloromethane	11.128	129	127944	26.182	ug/L	92
50) 1,2-Dibromoethane	11.238	107	98125	25.902	ug/L	99
51) Chlorobenzene	11.658	112	416976	26.306	ug/L	99
52) Ethylbenzene	11.725	91	765339	27.266	ug/L	97
53) m,p-Xylene	11.835	106	292700	27.306	ug/L	91
54) o-Xylene	12.164	106	278082	27.220	ug/L	96
55) Styrene	12.176	104	473218	27.353	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120163	25.252	ug/L	98
59) Bromoform	12.347	173	65747	25.324	ug/L	96
60) Isopropylbenzene	12.463	105	770544	26.590	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	87735	24.144	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	677576	27.297	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	652541	27.060	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	324288	27.334	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	317545	26.579	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	278982	26.965	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19381	22.875	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	220660	26.195	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	179058	26.492	ug/L	97
71) Naphthalene	15.359	128	341034	25.738	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152412	25.731	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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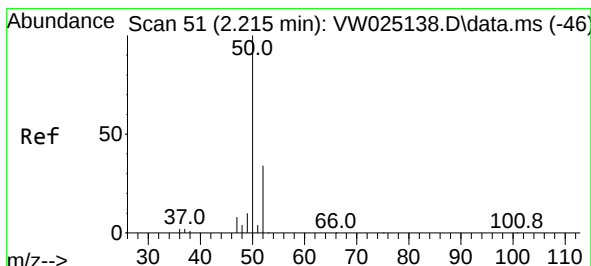
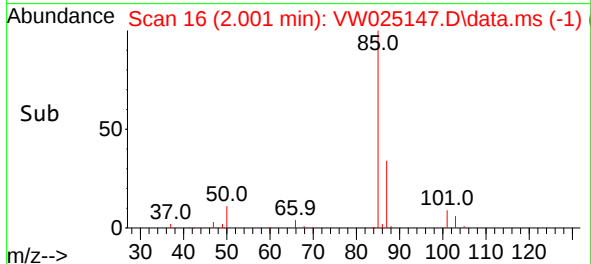
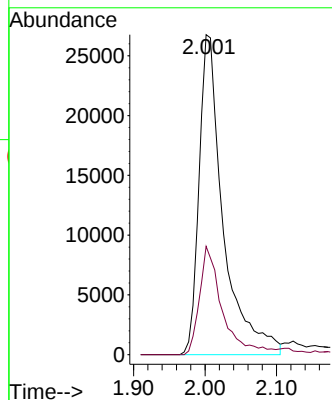
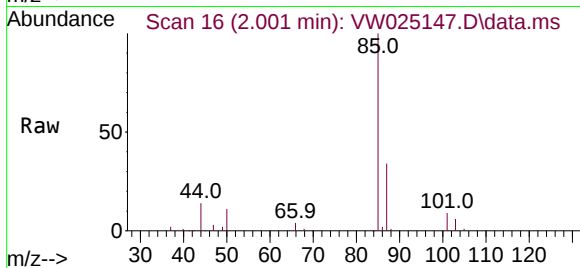




#2
 Dichlorodifluoromethane
 Concen: 23.531 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: VW025147.D
 Acq: 22 Dec 2022 09:08

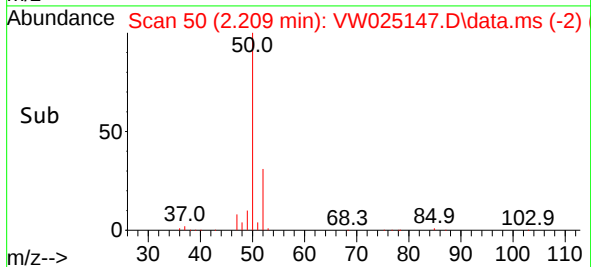
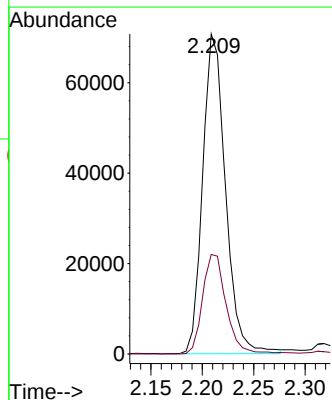
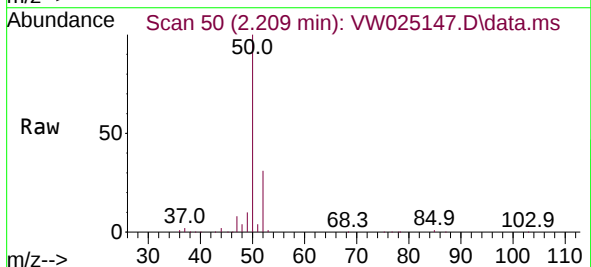
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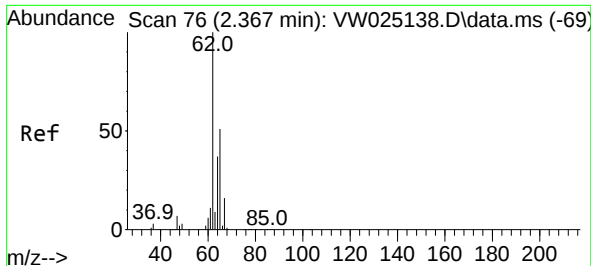
Tgt Ion: 85 Resp: 62857
 Ion Ratio Lower Upper
 85 100
 87 29.6 25.0 37.6



#3
 Chloromethane
 Concen: 23.263 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW025147.D
 Acq: 22 Dec 2022 09:08

Tgt Ion: 50 Resp: 109415
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.1 41.1

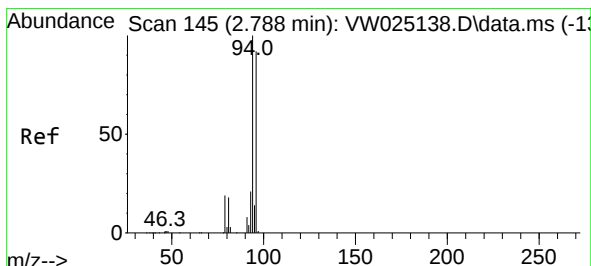
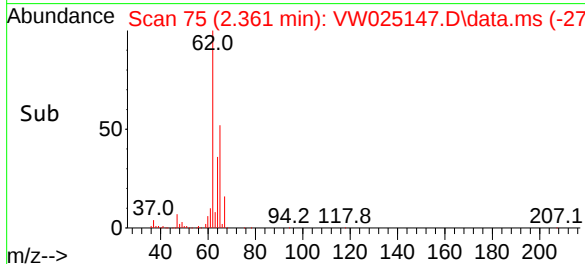
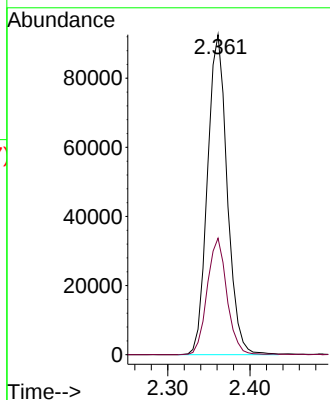
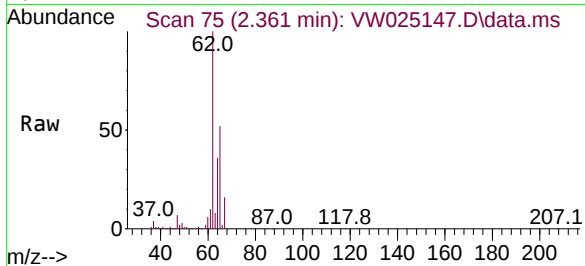




#5
 Vinyl chloride
 Concen: 26.319 ug/L
 RT: 2.361 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VW025147.D
 Acq: 22 Dec 2022 09:08

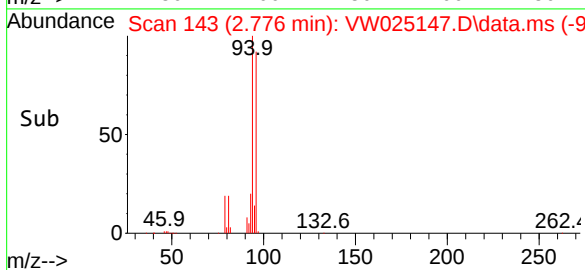
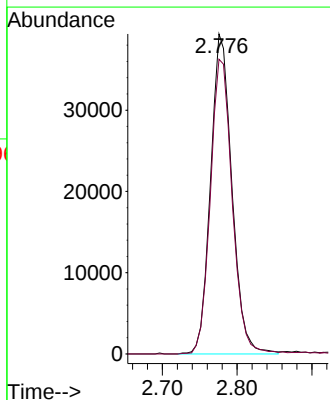
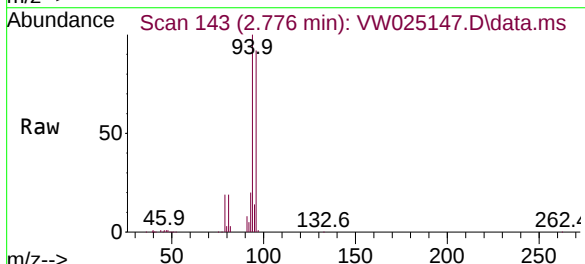
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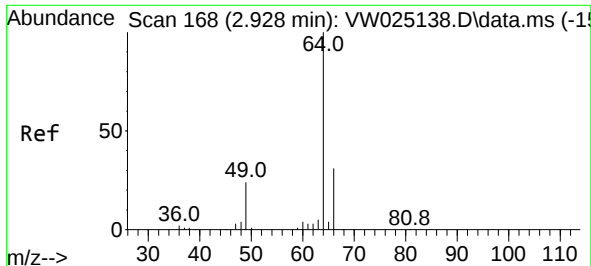
Tgt Ion: 62 Resp: 154859
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.8 46.1



#6
 Bromomethane
 Concen: 25.619 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW025147.D
 Acq: 22 Dec 2022 09:08

Tgt Ion: 94 Resp: 78108
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.7 123.9

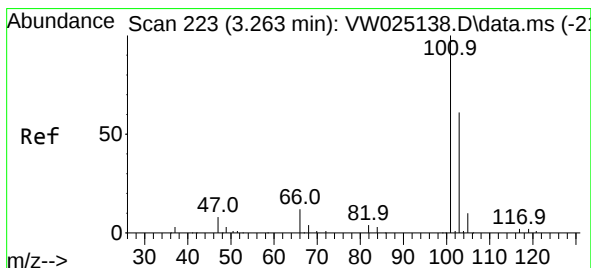
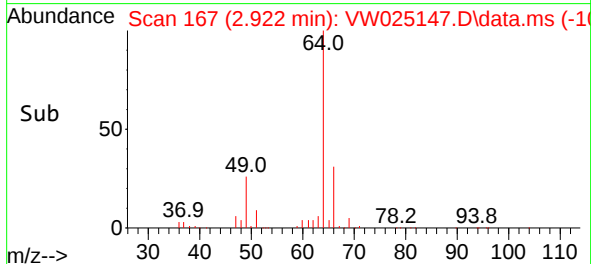
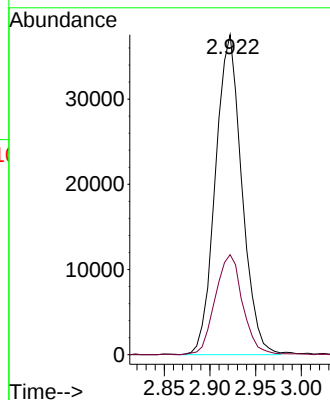
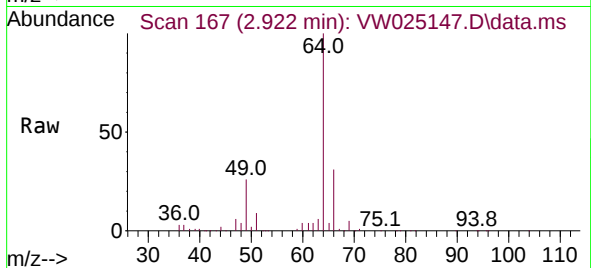




#8
Chloroethane
Concen: 27.787 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

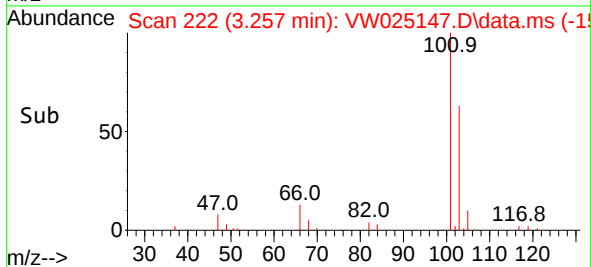
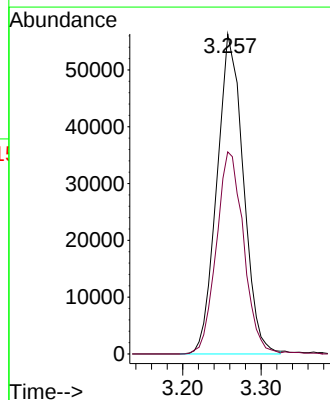
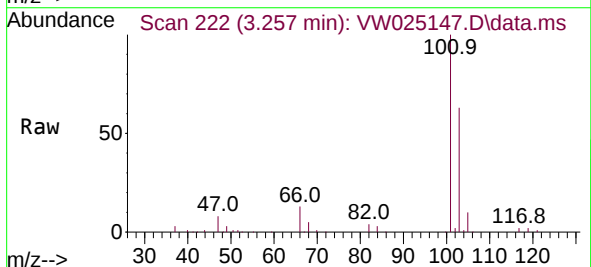
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ClientSampleId :

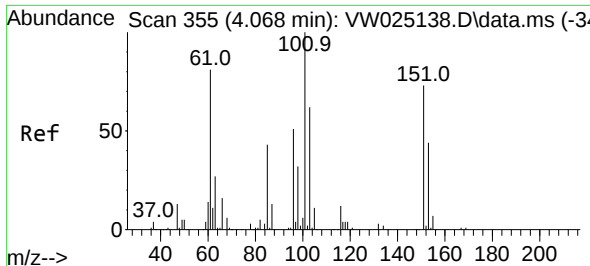
Tgt Ion: 64 Resp: 75621
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 29.952 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion:101 Resp: 132073
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

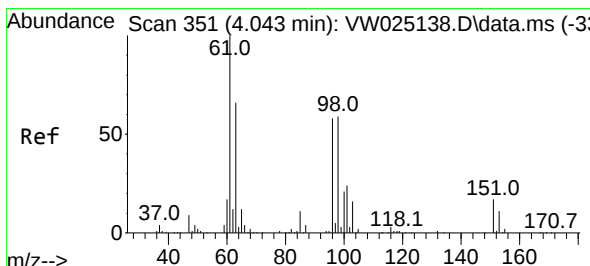
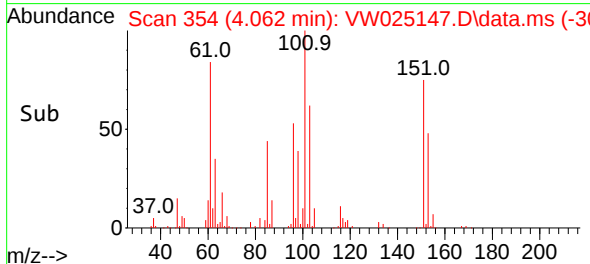
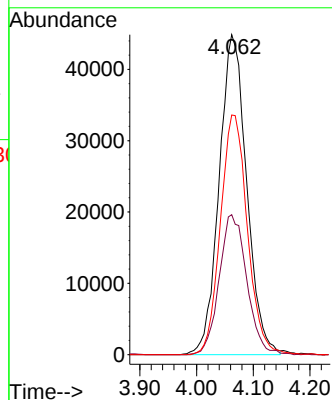
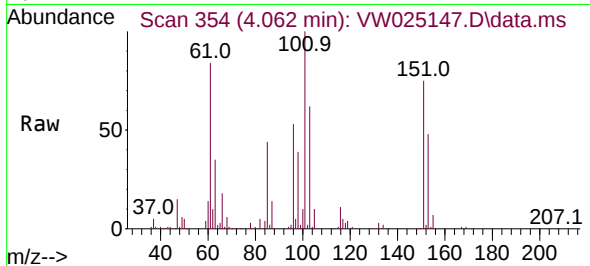




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.919 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW025147.D
 Acq: 22 Dec 2022 09:08

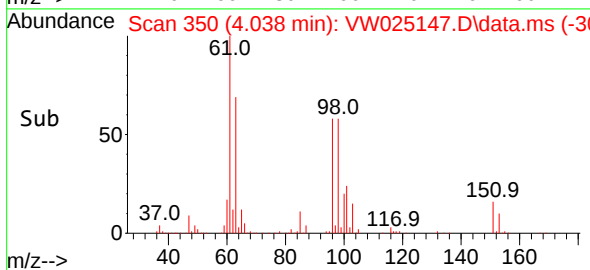
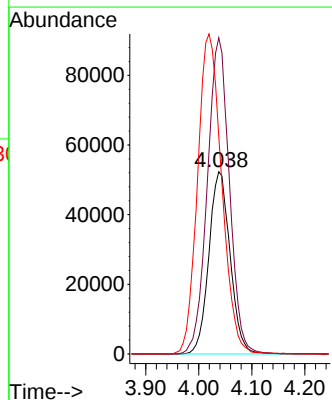
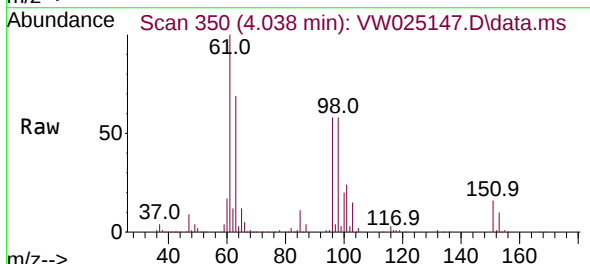
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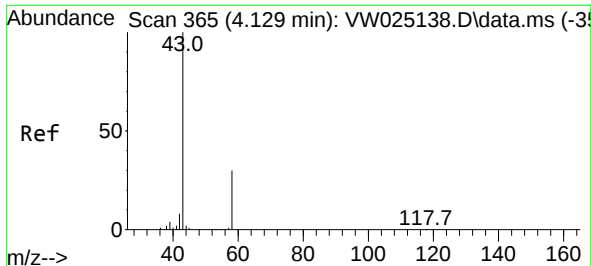
Tgt Ion:101 Resp: 150969
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.6 52.0
 151 73.6 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 26.209 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025147.D
 Acq: 22 Dec 2022 09:08

Tgt Ion: 96 Resp: 145543
 Ion Ratio Lower Upper
 96 100
 61 173.5 120.8 224.4
 63 119.5 84.1 156.1

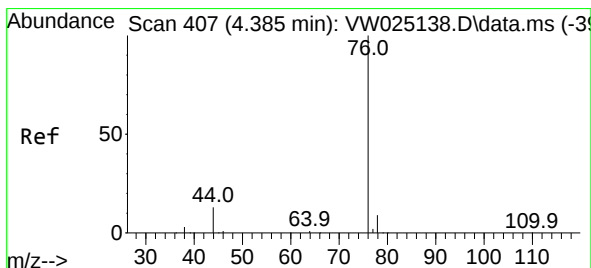
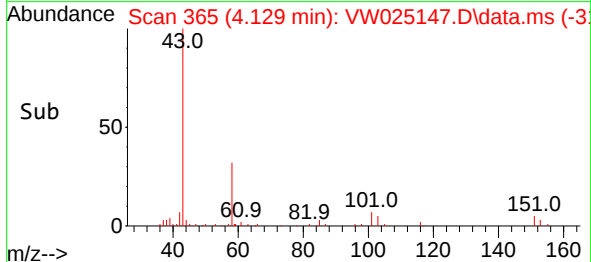
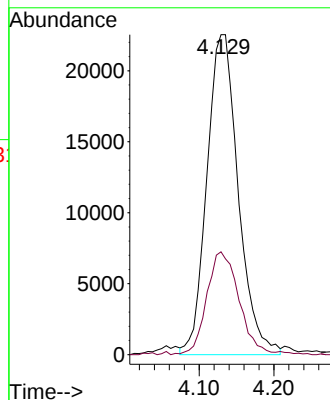
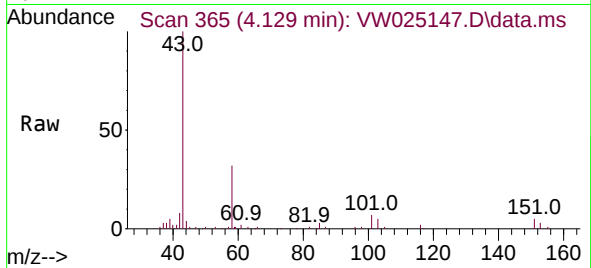




#13
Acetone
Concen: 50.248 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

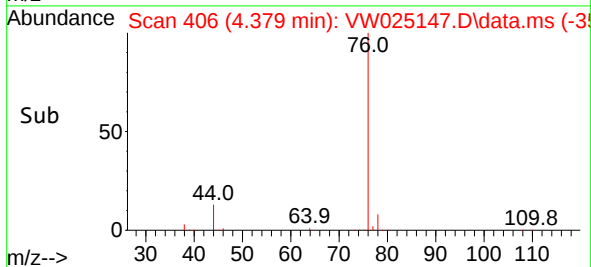
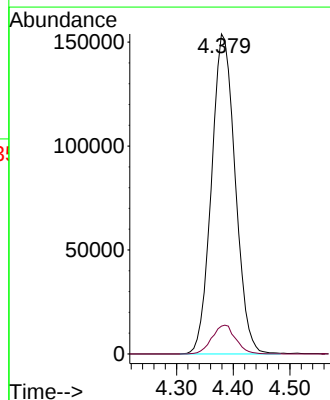
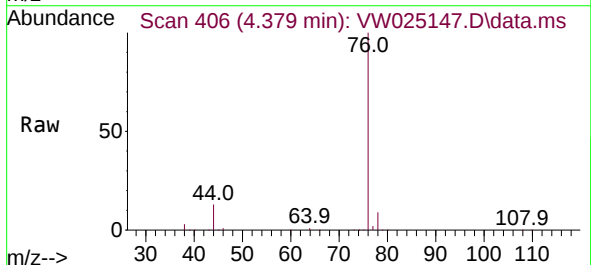
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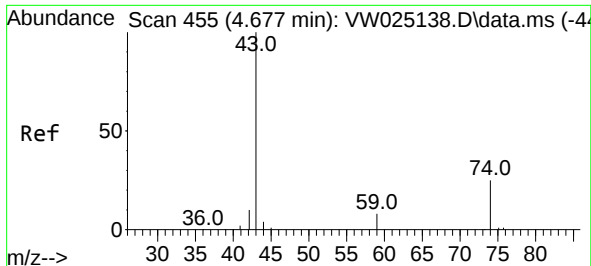
Tgt Ion: 43 Resp: 65885
Ion Ratio Lower Upper
43 100
58 32.9 0.0 65.2



#14
Carbon disulfide
Concen: 25.256 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion: 76 Resp: 447740
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

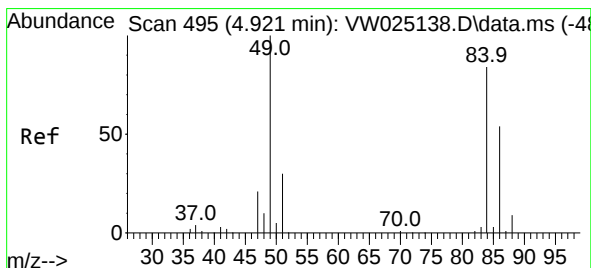
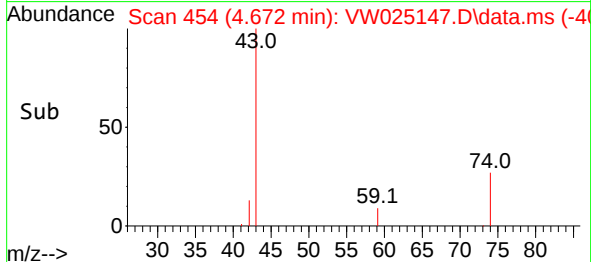
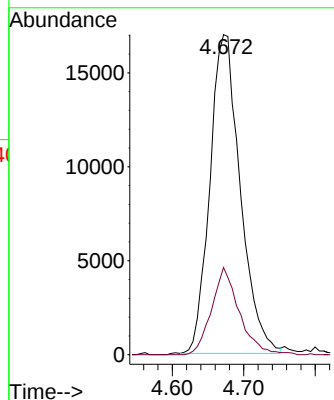
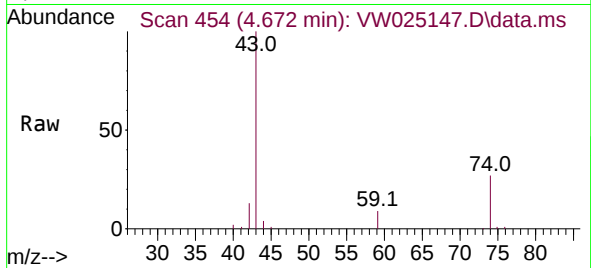




#15
Methyl Acetate
Concen: 23.434 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

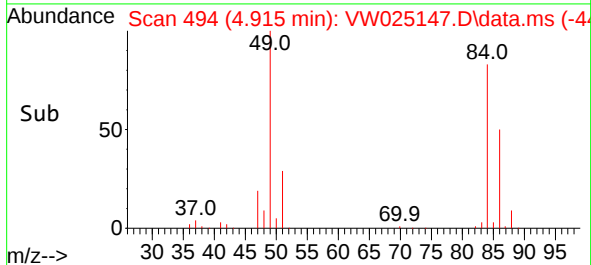
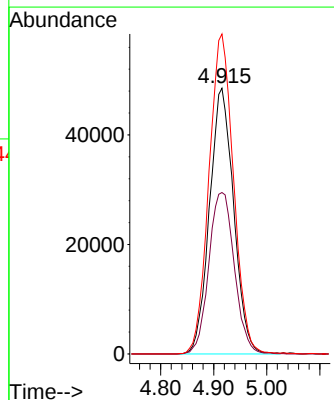
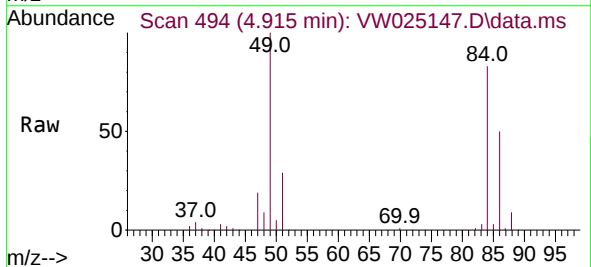
Instrument :
MSVOA_W
ClientSampleId :

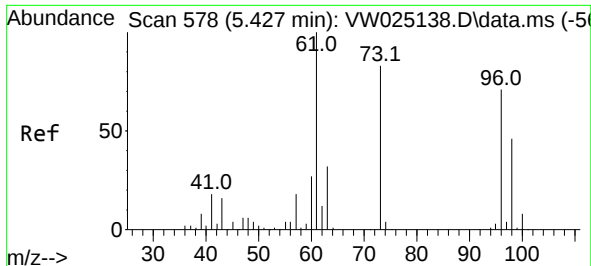
Tgt Ion: 43 Resp: 50153
Ion Ratio Lower Upper
43 100
74 24.8 19.5 29.3



#16
Methylene chloride
Concen: 22.305 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion: 84 Resp: 153658
Ion Ratio Lower Upper
84 100
86 60.7 45.0 83.6
49 120.4 86.3 160.3





#17

trans-1,2-Dichloroethene

Concen: 26.708 ug/L

RT: 5.428 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

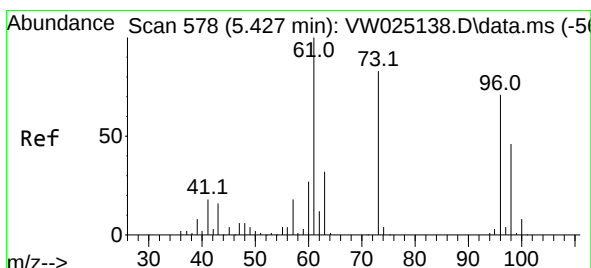
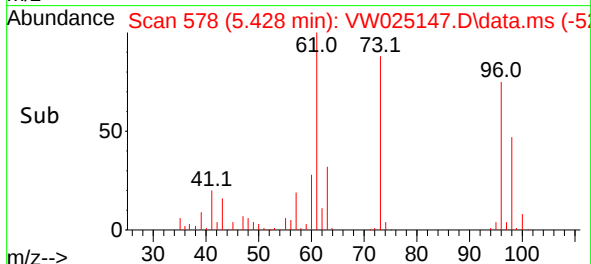
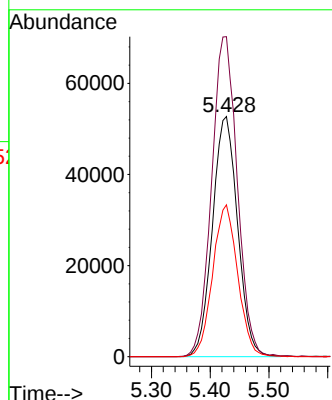
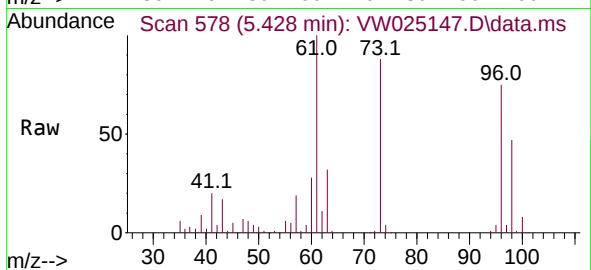
Tgt Ion: 96 Resp: 157227

Ion Ratio Lower Upper

96 100

61 133.2 95.5 177.3

98 63.2 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 25.248 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

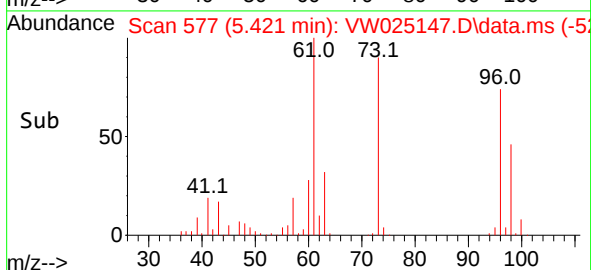
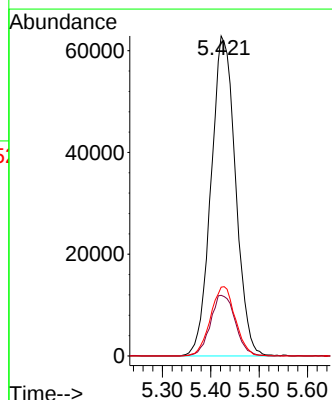
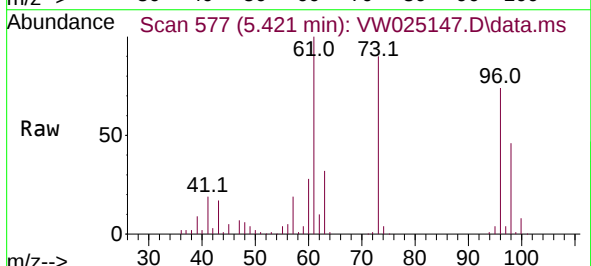
Tgt Ion: 73 Resp: 220539

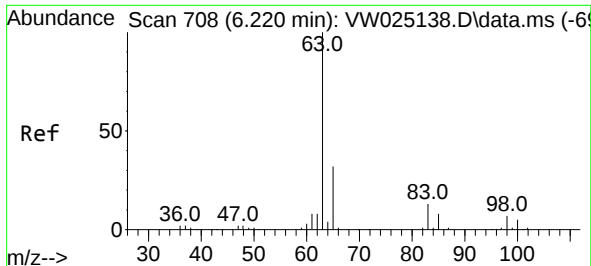
Ion Ratio Lower Upper

73 100

43 19.4 15.6 23.4

57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 26.349 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

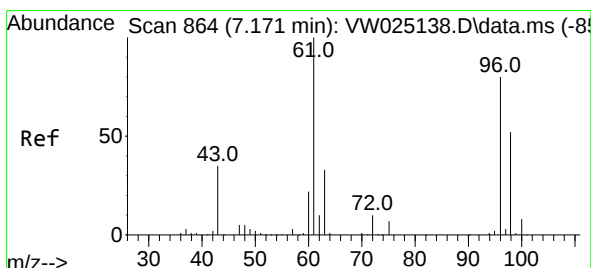
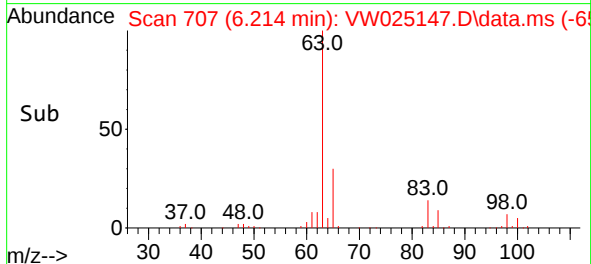
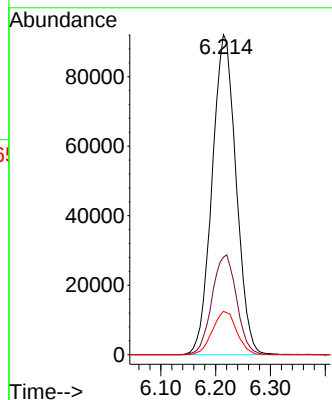
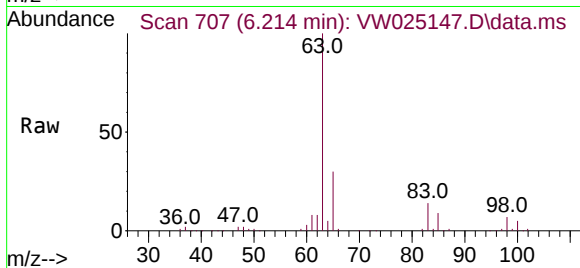
Tgt Ion: 63 Resp: 280277

Ion Ratio Lower Upper

63 100

65 30.5 22.2 41.2

83 13.6 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 26.268 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

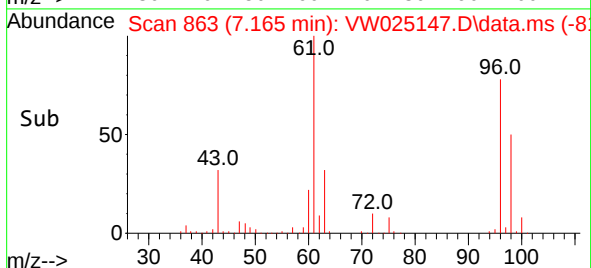
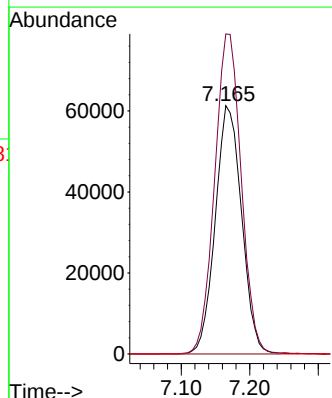
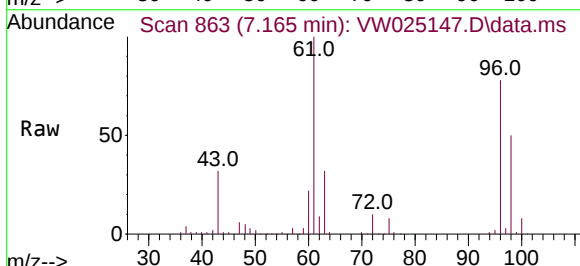
Tgt Ion: 96 Resp: 163511

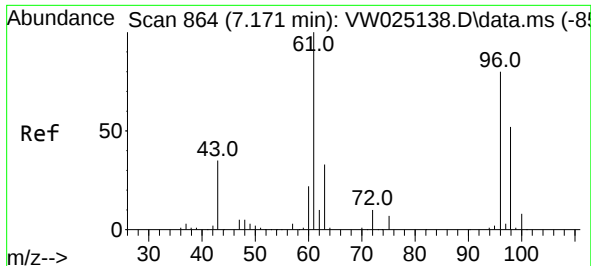
Ion Ratio Lower Upper

96 100

61 128.9 93.7 173.9

68 0.0 0.0 0.0

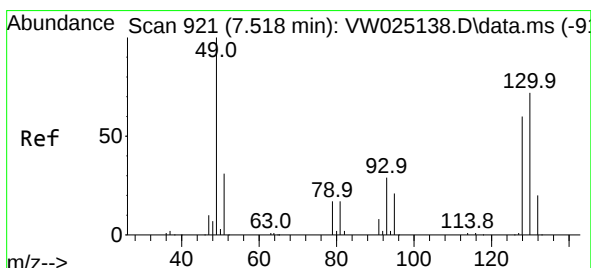
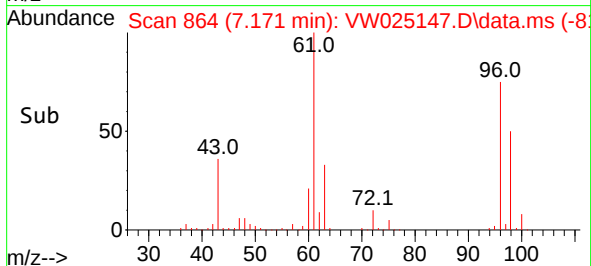
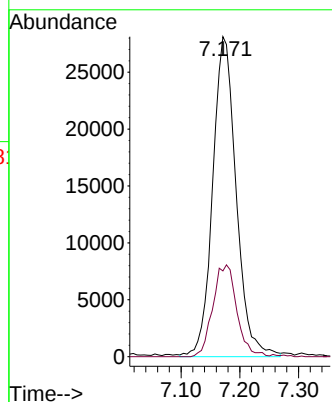
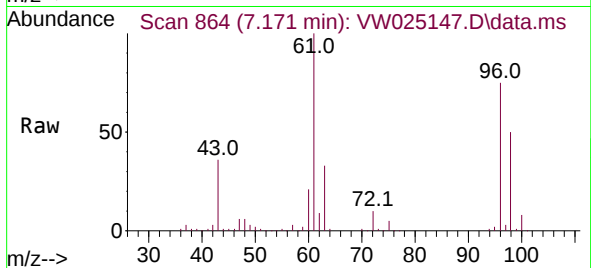




#22
2-Butanone
Concen: 47.397 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

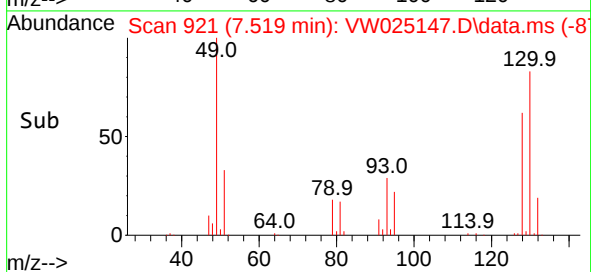
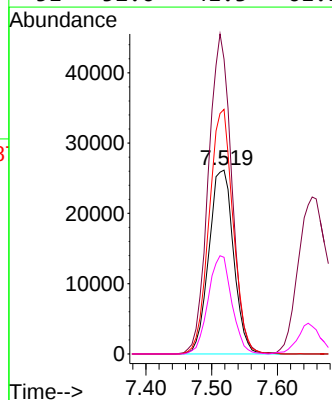
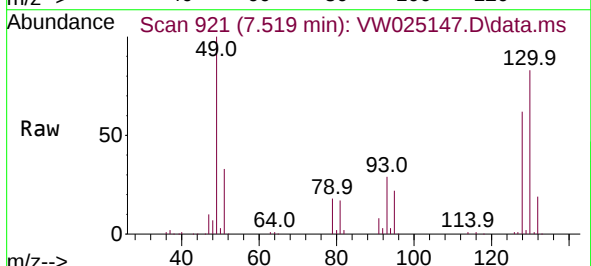
Instrument :
MSVOA_W
ClientSampleId :

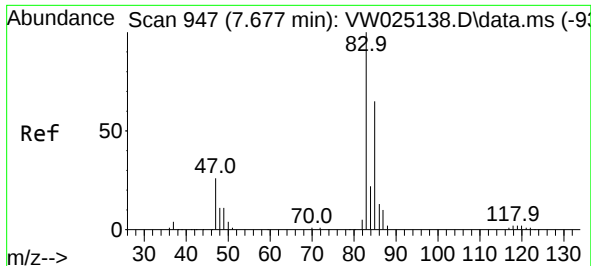
Tgt Ion: 43 Resp: 78186
Ion Ratio Lower Upper
43 100
72 28.7 15.0 45.0



#23
Bromochloromethane
Concen: 25.899 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion: 128 Resp: 68220
Ion Ratio Lower Upper
128 100
49 160.4 114.1 211.9
130 133.1 89.0 165.2
51 52.6 41.3 61.9

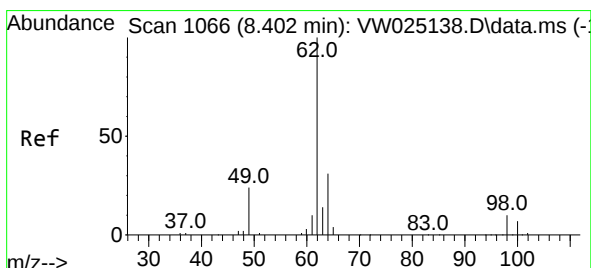
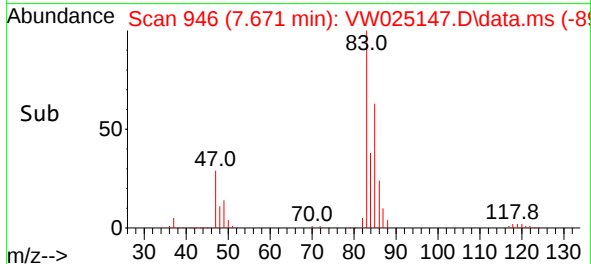
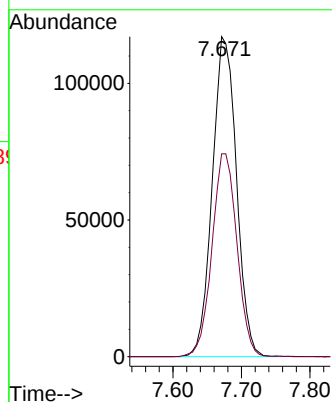
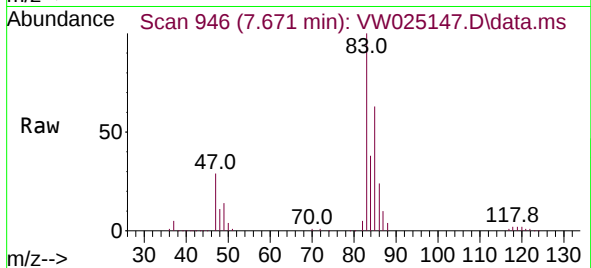




#25
Chloroform
Concen: 26.599 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

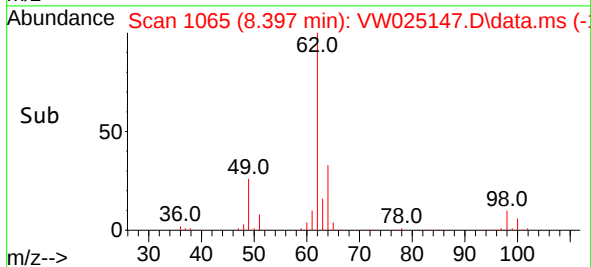
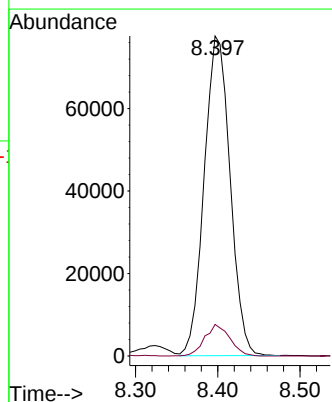
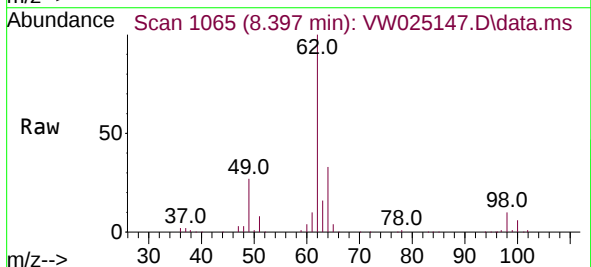
Instrument :
MSVOA_W
ClientSampleId :

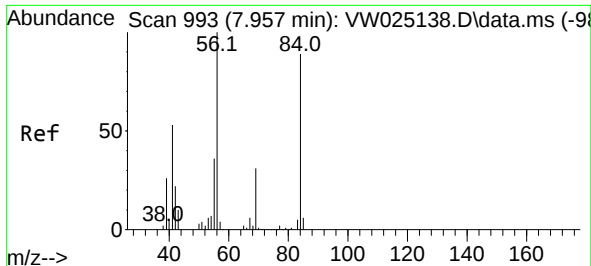
Tgt Ion: 83 Resp: 286322
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.013 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

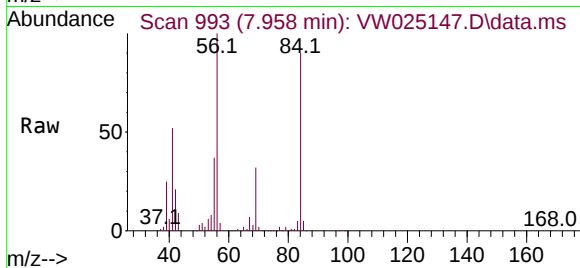
Tgt Ion: 62 Resp: 169517
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8



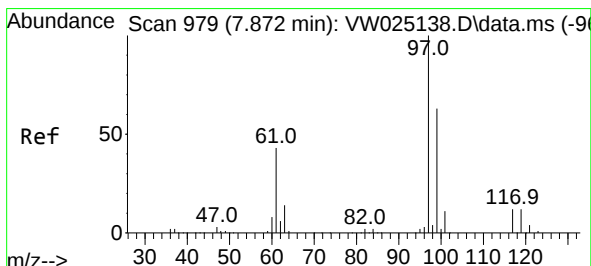
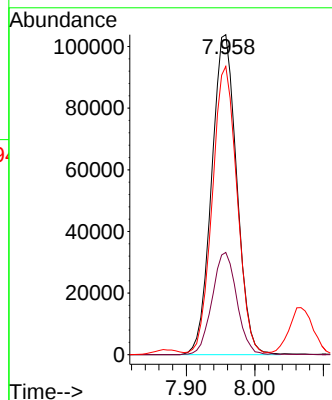
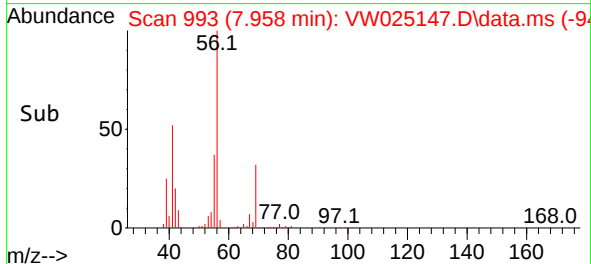


#29
Cyclohexane
Concen: 27.298 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Instrument :
MSVOA_W
ClientSampleId :

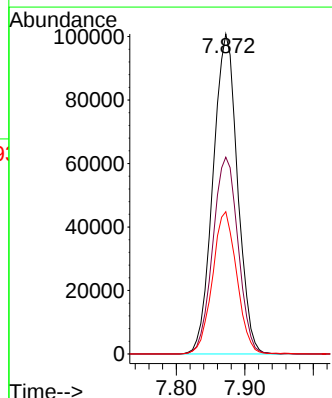
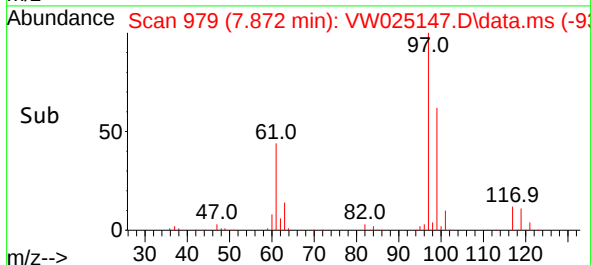
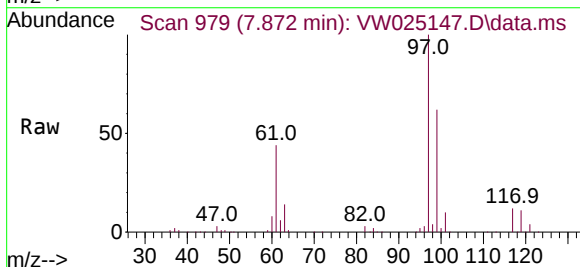


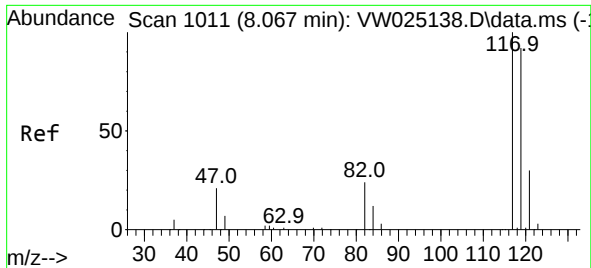
Tgt Ion: 56 Resp: 263786
Ion Ratio Lower Upper
56 100
69 31.4 25.0 37.6
84 89.3 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 27.733 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion: 97 Resp: 249827
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 44.2 35.5 53.3

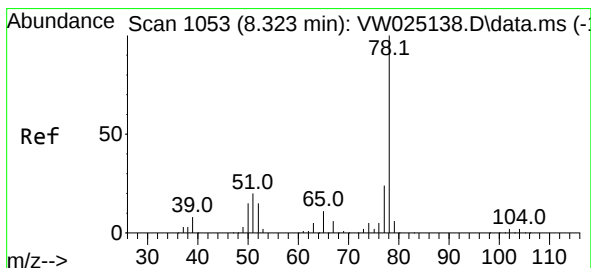
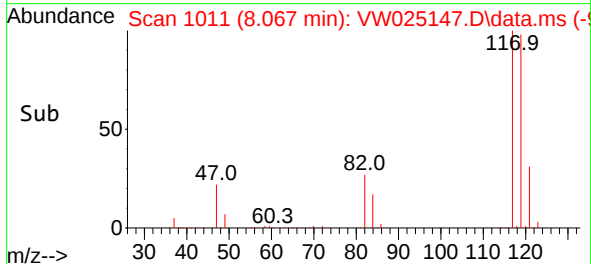
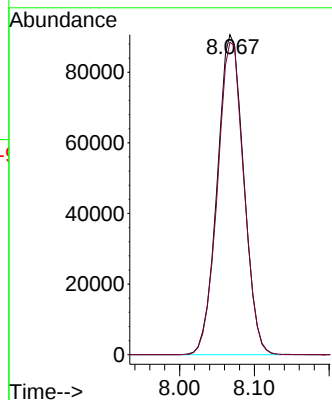
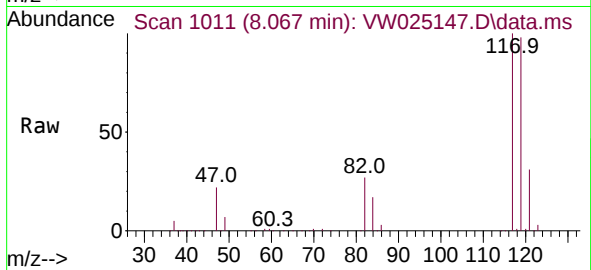




#31
Carbon tetrachloride
Concen: 26.935 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

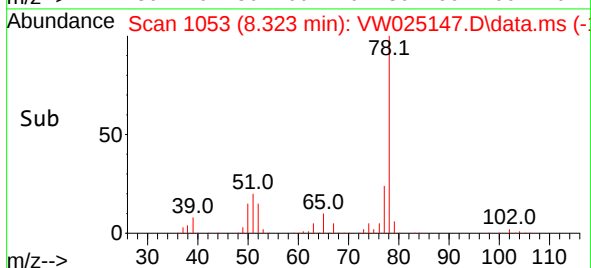
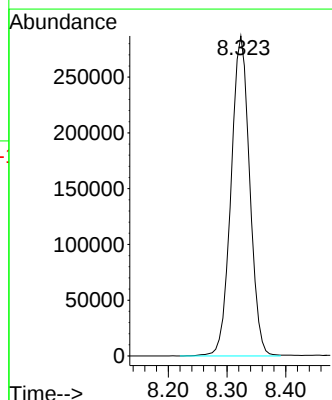
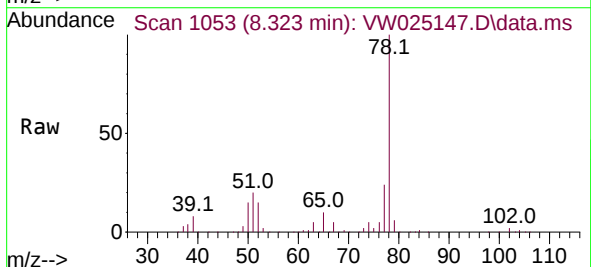
Instrument :
MSVOA_W
ClientSampleId :

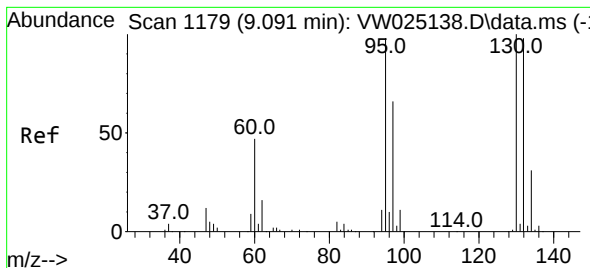
Tgt Ion:117 Resp: 223099
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.4



#33
Benzene
Concen: 26.778 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion: 78 Resp: 633024





#34

Trichloroethene

Concen: 26.652 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 165040

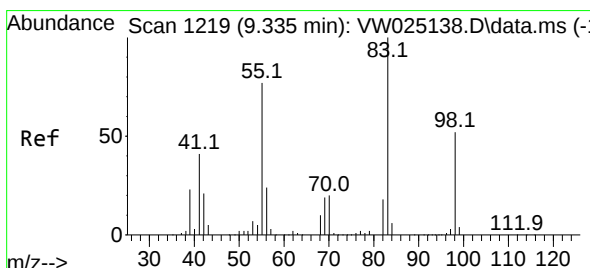
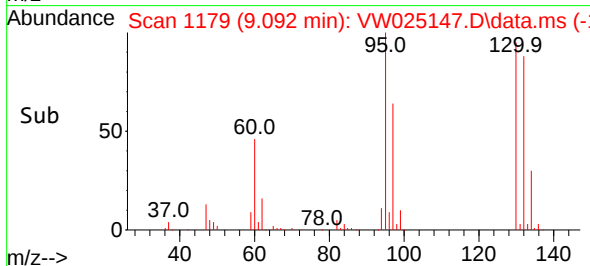
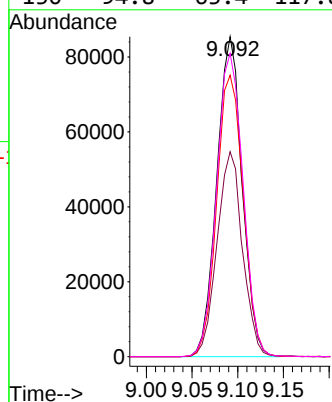
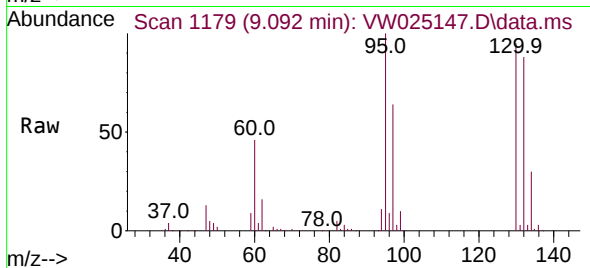
Ion Ratio Lower Upper

95 100

97 64.1 44.3 82.3

132 88.0 63.0 117.0

130 94.8 63.4 117.8



#35

Methylcyclohexane

Concen: 26.896 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

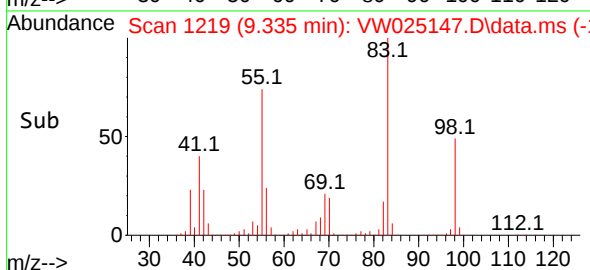
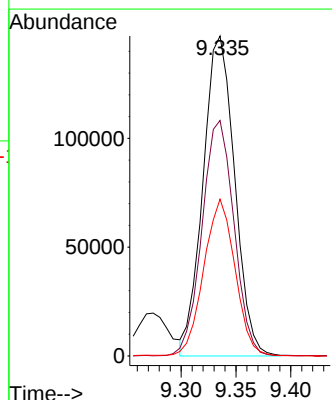
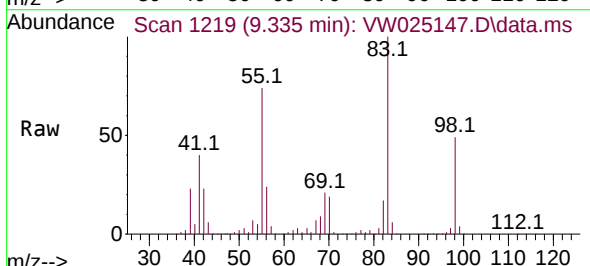
Tgt Ion: 83 Resp: 295418

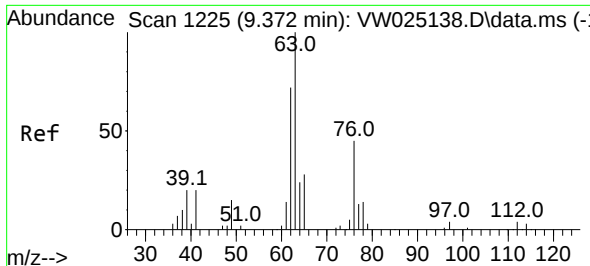
Ion Ratio Lower Upper

83 100

55 74.4 59.3 88.9

98 48.5 38.6 57.8





#37

1,2-Dichloropropane

Concen: 26.904 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

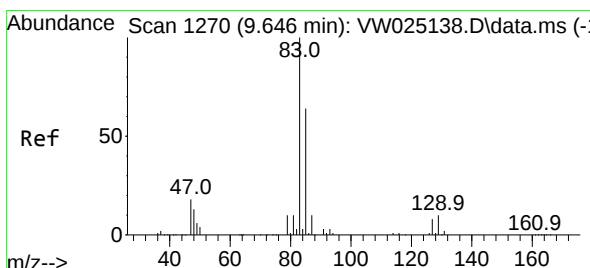
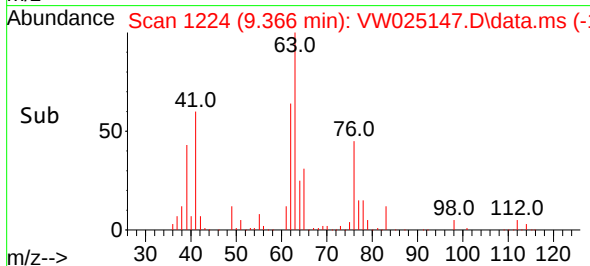
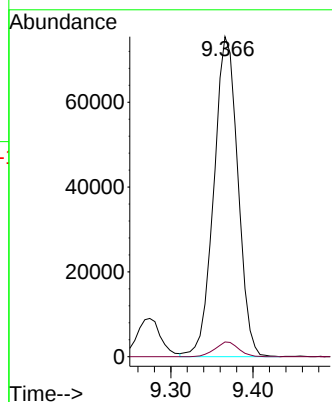
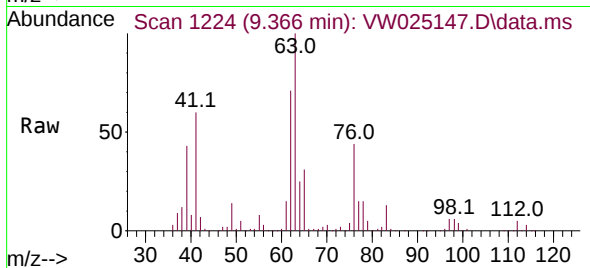
ClientSampleId :

Tgt Ion: 63 Resp: 153400

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 23.282 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

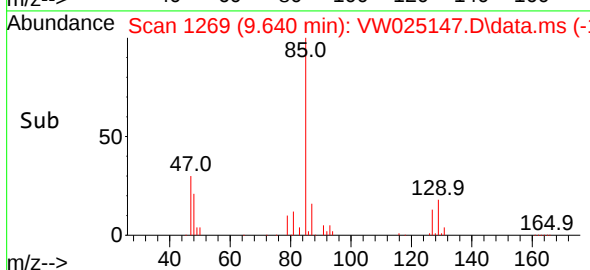
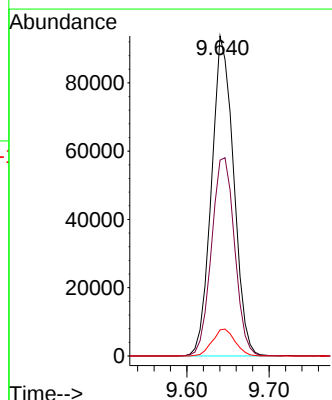
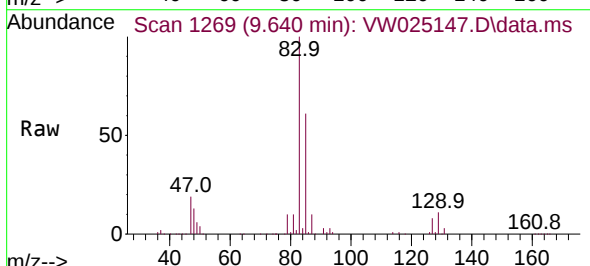
Tgt Ion: 83 Resp: 175371

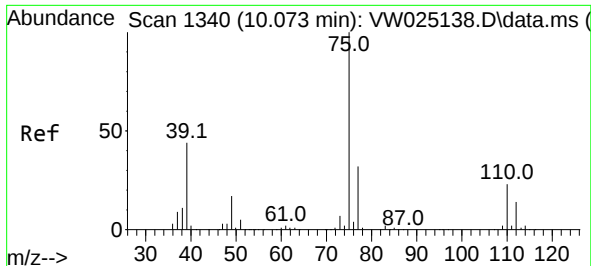
Ion Ratio Lower Upper

83 100

85 61.2 44.2 82.2

127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 22.114 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

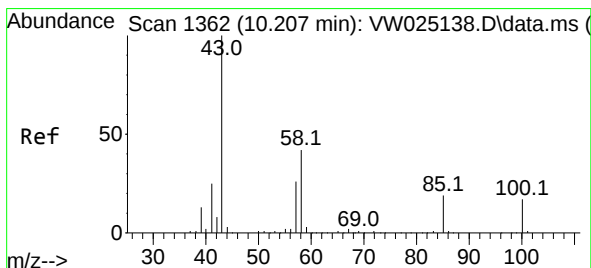
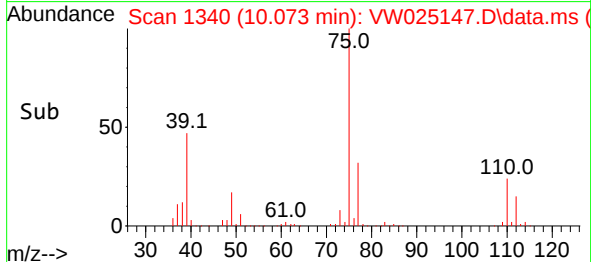
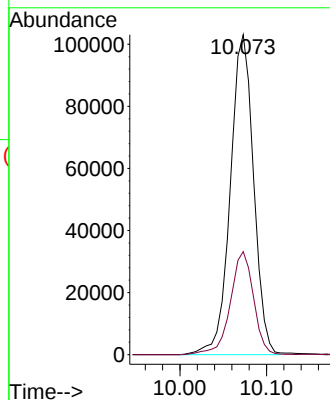
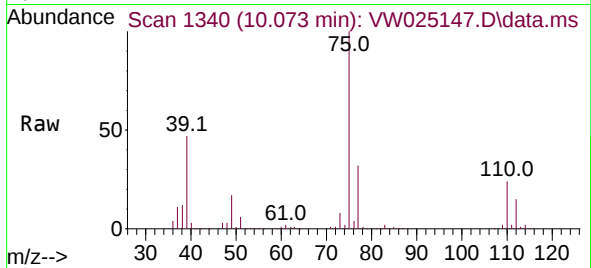
ClientSampleId :

Tgt Ion: 75 Resp: 192658

Ion Ratio Lower Upper

75 100

77 32.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 41.401 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

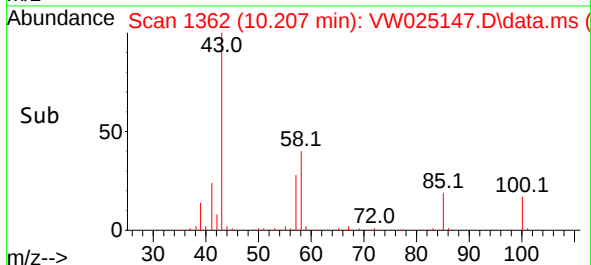
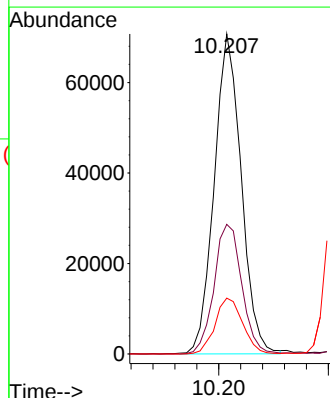
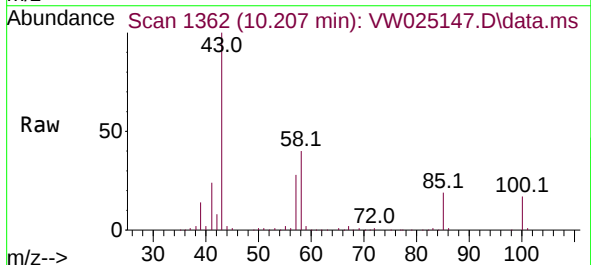
Tgt Ion: 43 Resp: 121009

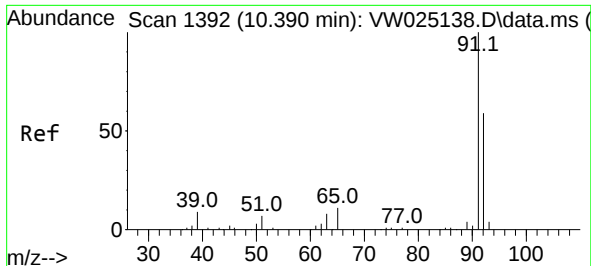
Ion Ratio Lower Upper

43 100

58 42.0 33.3 49.9

100 17.9 13.8 20.6





#42

Toluene

Concen: 27.181 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

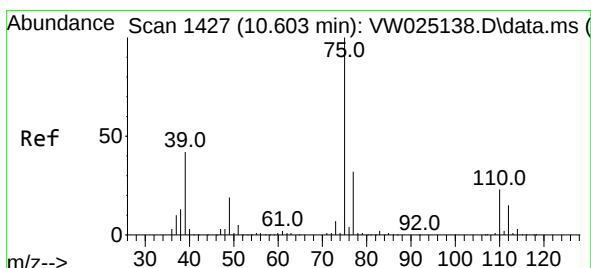
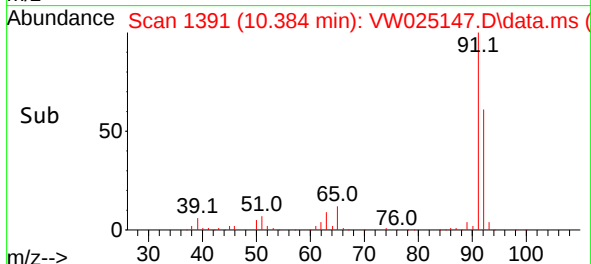
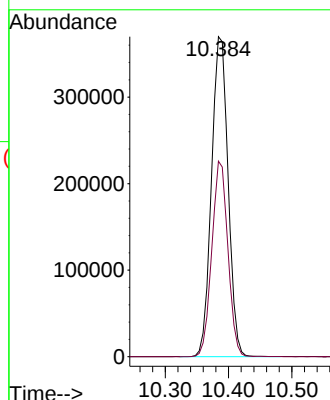
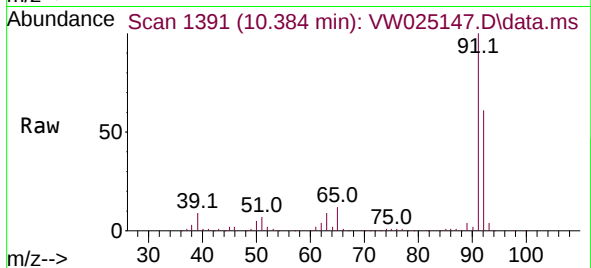
ClientSampleId :

Tgt Ion: 91 Resp: 673225

Ion Ratio Lower Upper

91 100

92 61.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 27.179 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025147.D

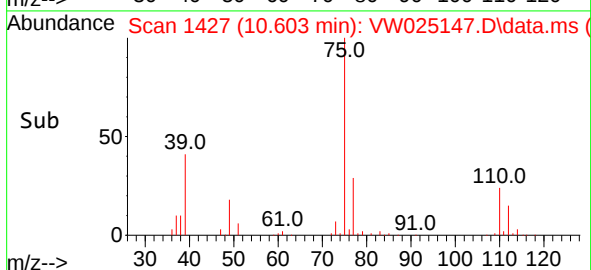
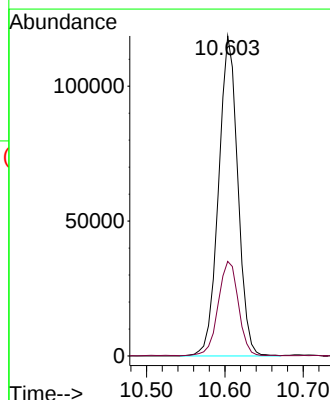
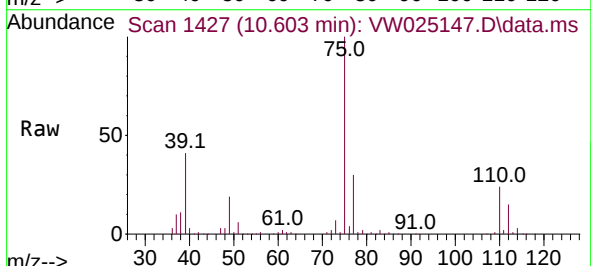
Acq: 22 Dec 2022 09:08

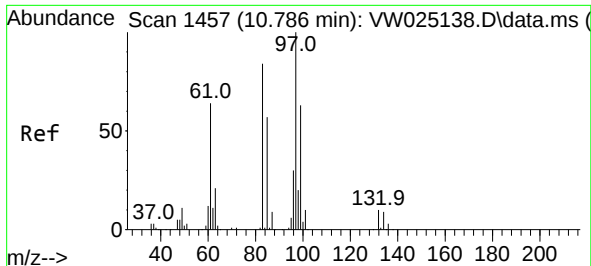
Tgt Ion: 75 Resp: 202783

Ion Ratio Lower Upper

75 100

77 29.6 22.5 41.7



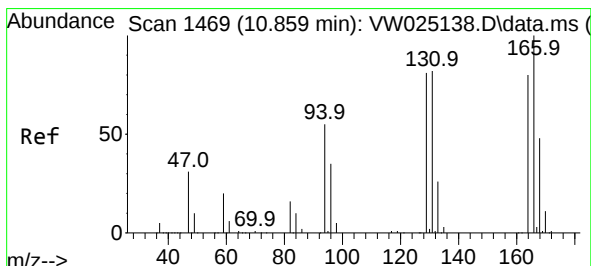
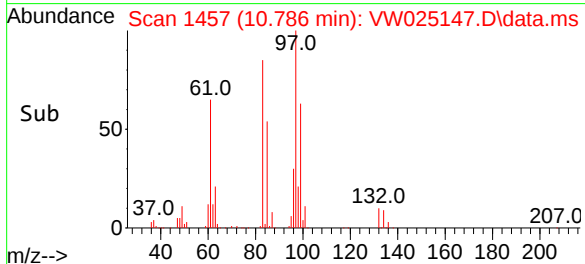
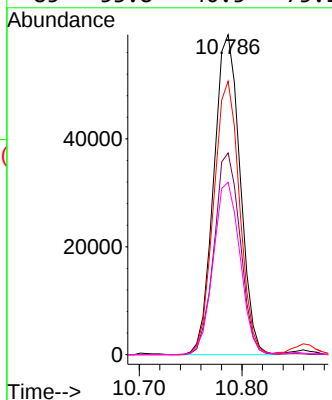
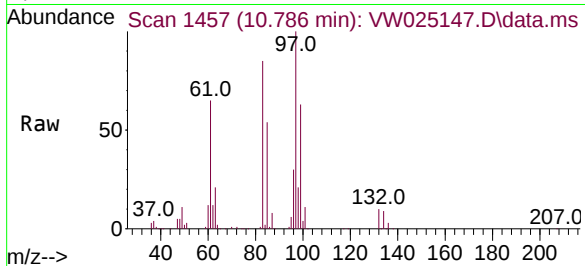


#45
1,1,2-Trichloroethane
Concen: 25.949 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 105584

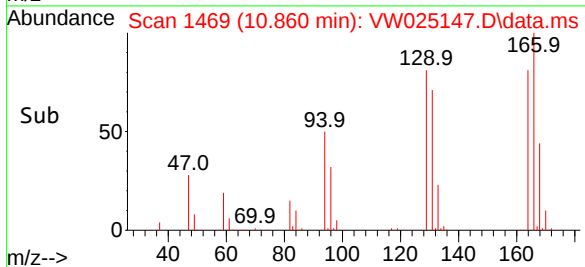
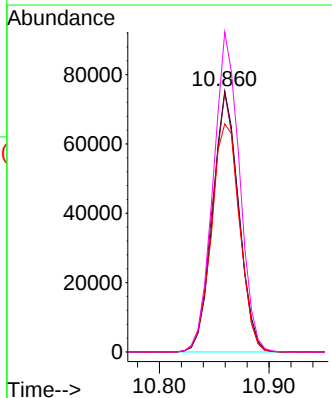
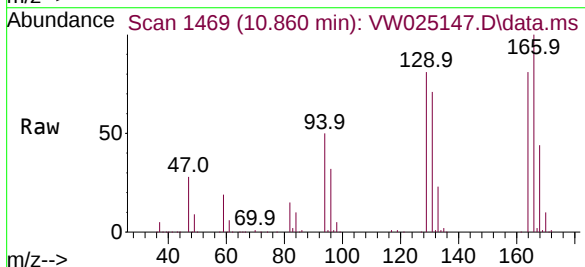
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.3	82.3
83	85.5	61.3	113.9
85	53.8	40.5	75.1

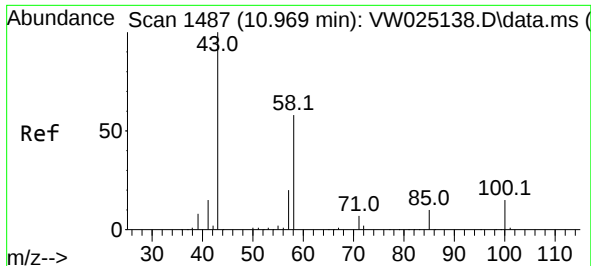


#46
Tetrachloroethene
Concen: 27.514 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion: 164 Resp: 124026

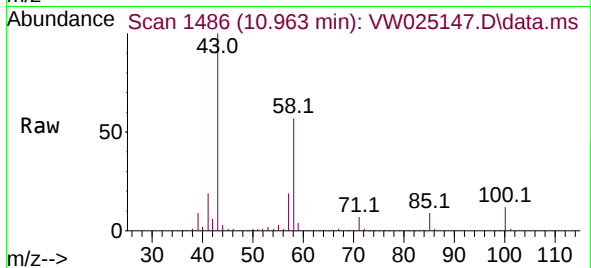
Ion	Ratio	Lower	Upper
164	100		
129	99.4	73.4	136.4
131	87.5	70.8	131.4
166	122.7	88.3	164.1



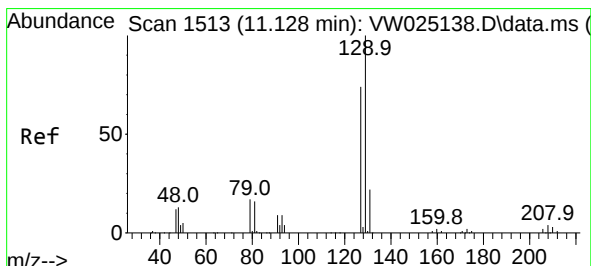
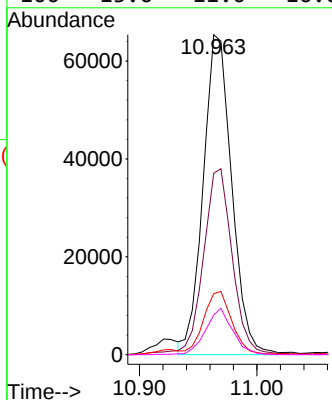
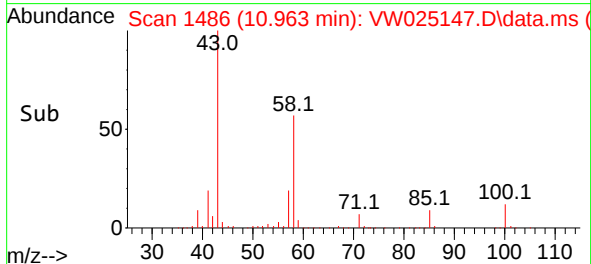


#48
2-Hexanone
Concen: 51.782 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Instrument :
MSVOA_W
ClientSampleId :

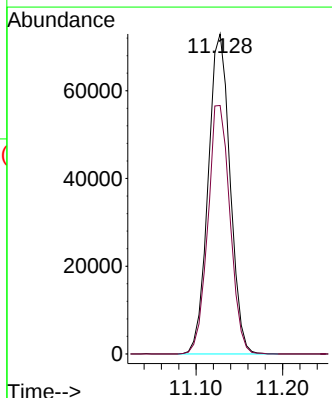
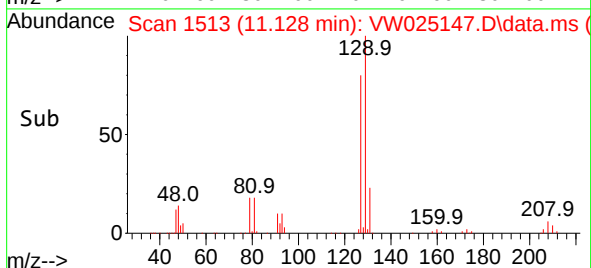
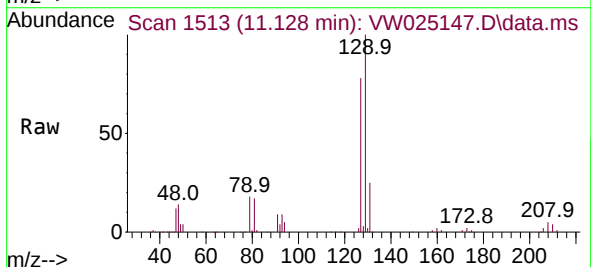


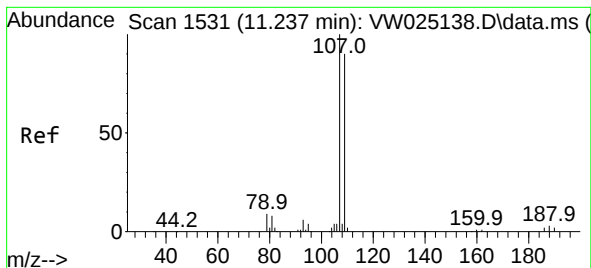
Tgt Ion: 43 Resp: 110549
Ion Ratio Lower Upper
43 100
58 58.9 46.6 69.8
57 19.9 16.7 25.1
100 13.6 11.0 16.6



#49
Dibromochloromethane
Concen: 26.182 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion:129 Resp: 127944
Ion Ratio Lower Upper
129 100
127 77.7 49.7 92.3

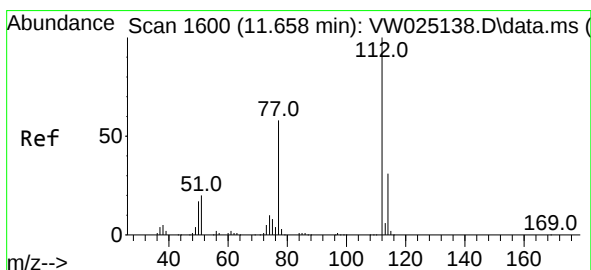
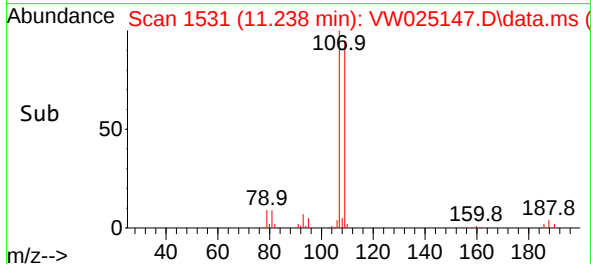
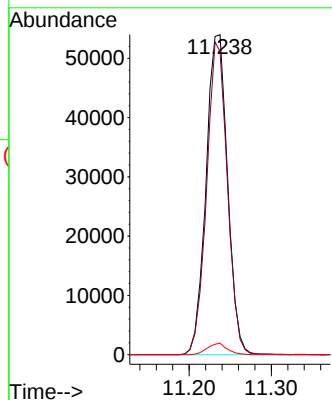
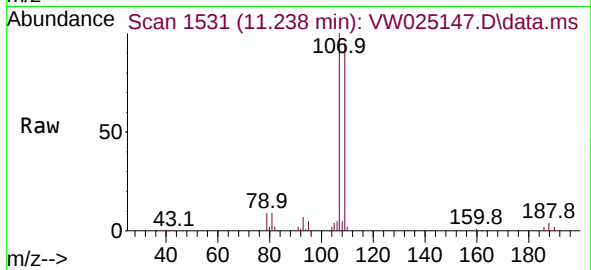




#50
1,2-Dibromoethane
Concen: 25.902 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

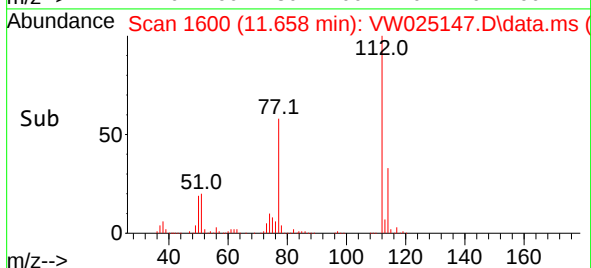
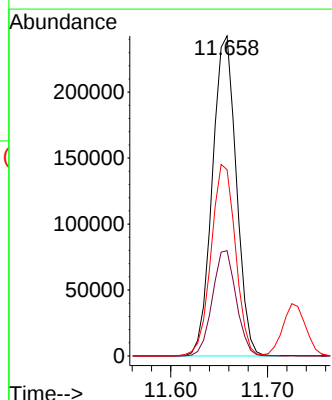
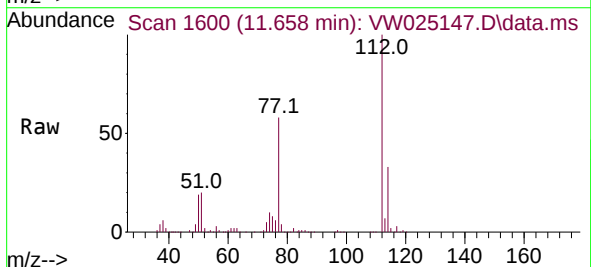
Instrument :
MSVOA_W
ClientSampleId :

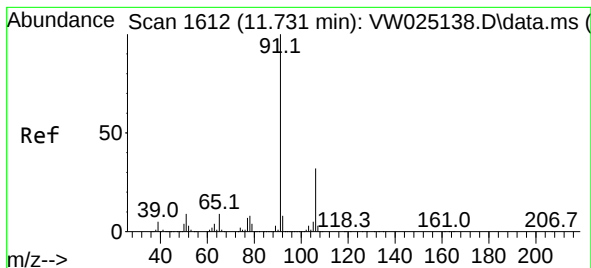
Tgt Ion:107 Resp: 98125
Ion Ratio Lower Upper
107 100
109 94.7 66.8 124.2
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 26.306 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion:112 Resp: 416976
Ion Ratio Lower Upper
112 100
114 32.9 23.2 43.2
77 58.2 47.2 70.8

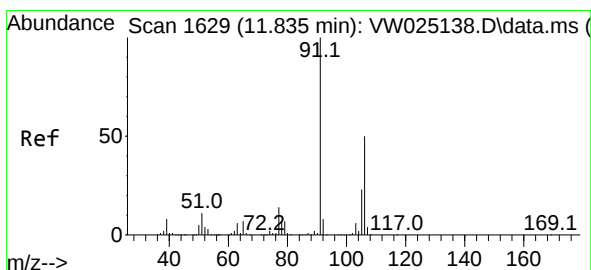
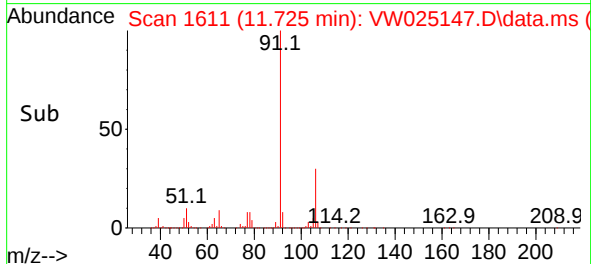
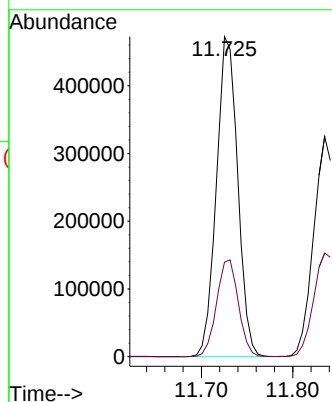
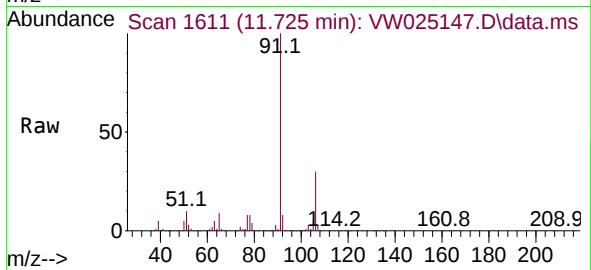




#52
Ethylbenzene
Concen: 27.266 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

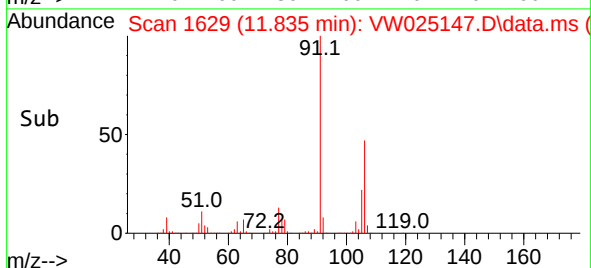
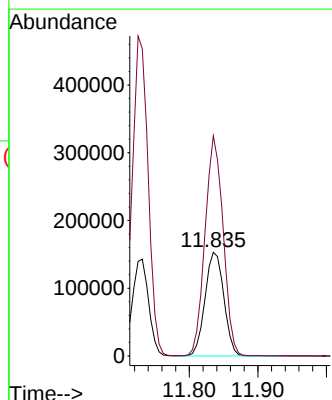
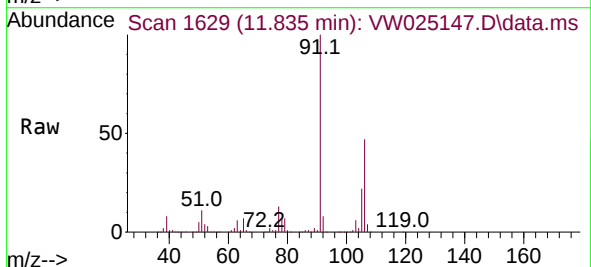
Instrument :
MSVOA_W
ClientSampleId :

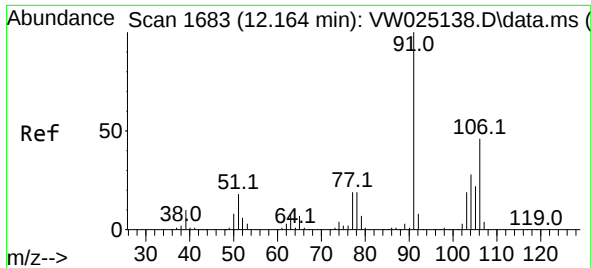
Tgt Ion: 91 Resp: 765339
Ion Ratio Lower Upper
91 100
106 29.6 21.9 40.7



#53
m,p-Xylene
Concen: 27.306 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion:106 Resp: 292700
Ion Ratio Lower Upper
106 100
91 212.6 139.7 259.4

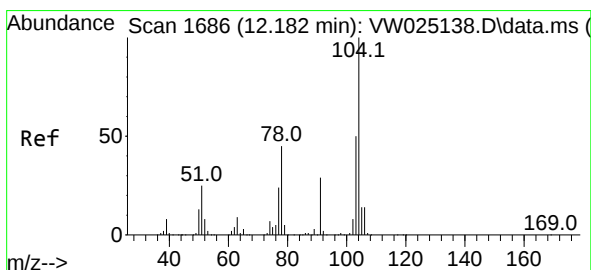
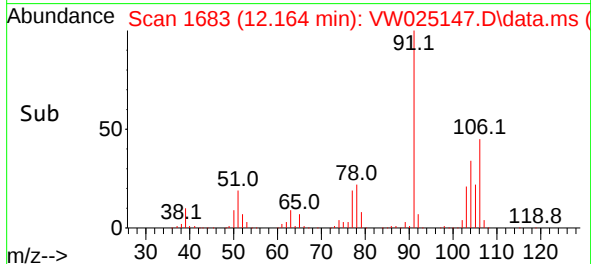
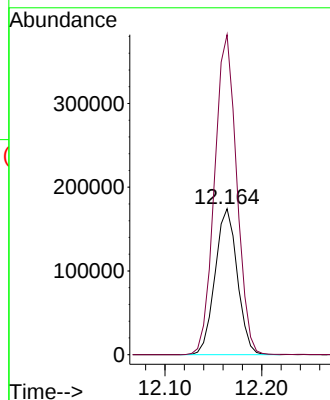
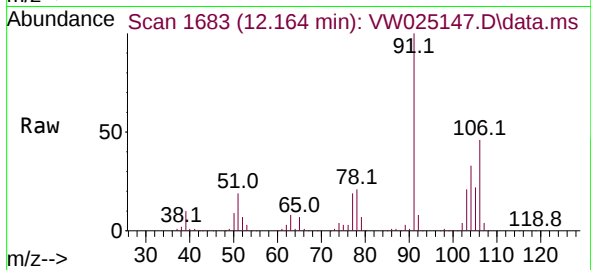




#54
o-Xylene
Concen: 27.220 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

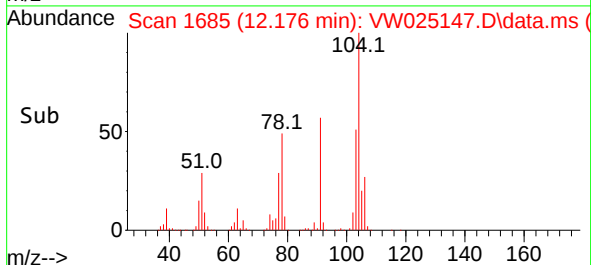
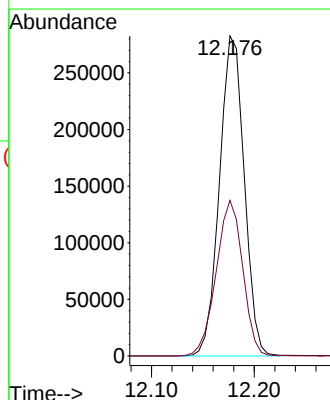
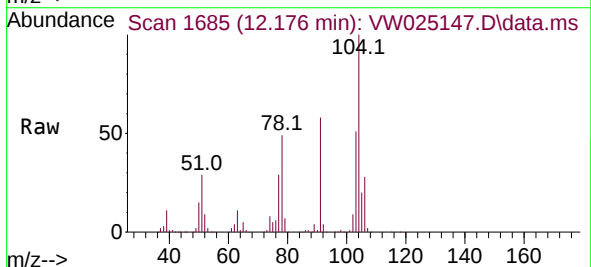
Instrument :
MSVOA_W
ClientSampleId :

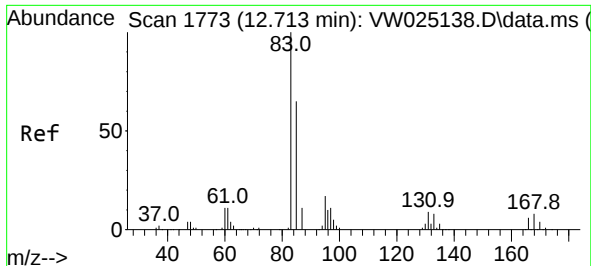
Tgt Ion:106 Resp: 278082
Ion Ratio Lower Upper
106 100
91 219.2 148.8 276.4



#55
Styrene
Concen: 27.353 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion:104 Resp: 473218
Ion Ratio Lower Upper
104 100
78 48.6 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.252 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

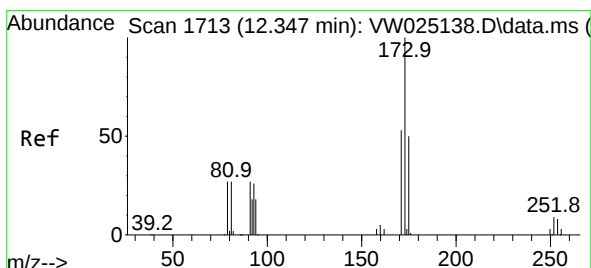
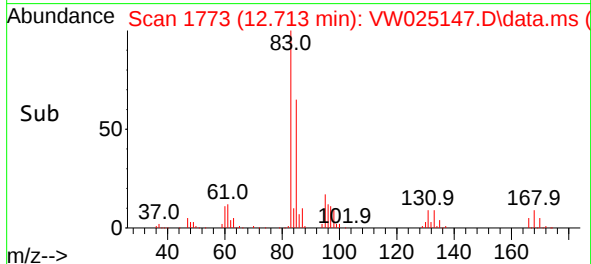
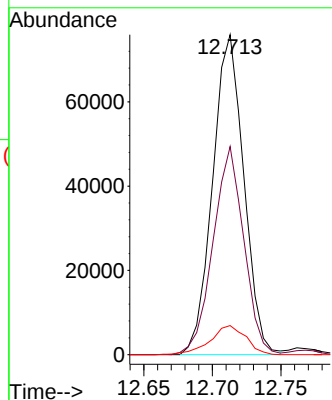
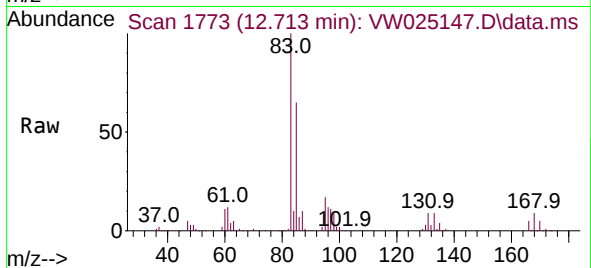
Tgt Ion: 83 Resp: 120163

Ion Ratio Lower Upper

83 100

85 65.0 46.8 87.0

131 9.1 8.2 12.2



#59

Bromoform

Concen: 25.324 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

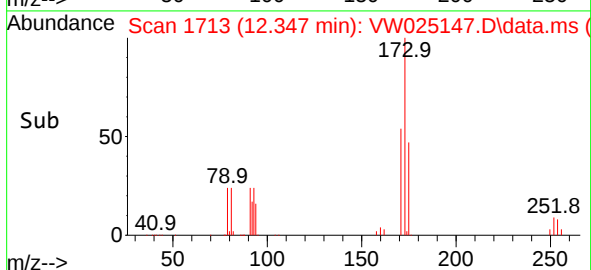
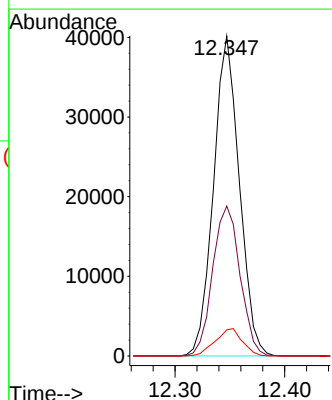
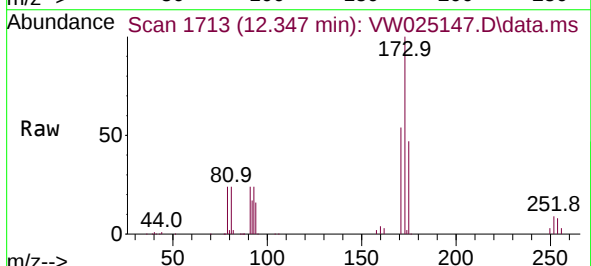
Tgt Ion:173 Resp: 65747

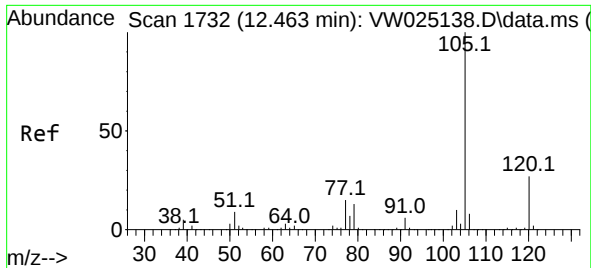
Ion Ratio Lower Upper

173 100

175 49.6 37.4 56.0

254 9.0 6.8 10.2

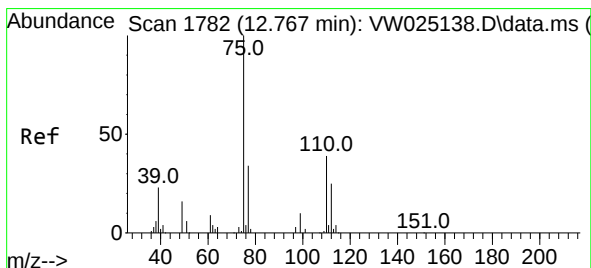
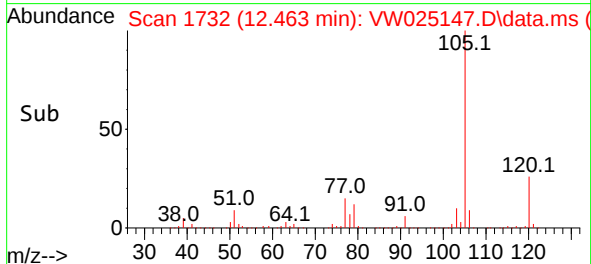
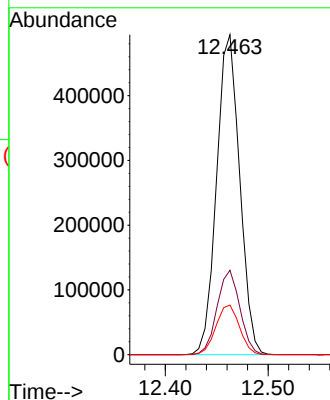
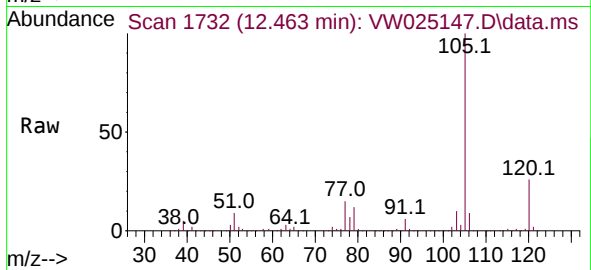




#60
Isopropylbenzene
Concen: 26.590 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

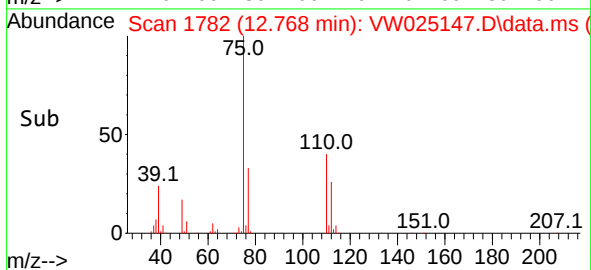
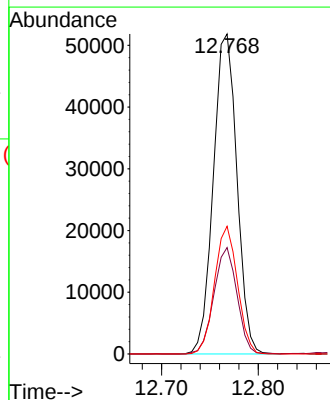
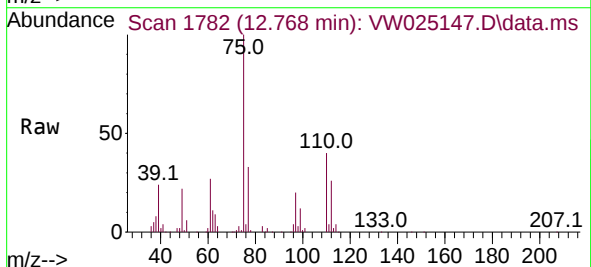
Instrument :
MSVOA_W
ClientSampleId :

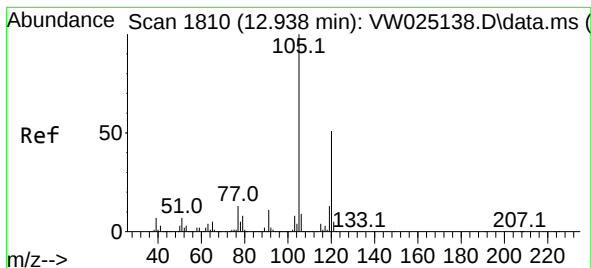
Tgt Ion:105 Resp: 770544
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.144 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion: 75 Resp: 87735
Ion Ratio Lower Upper
75 100
77 32.6 26.6 40.0
110 38.6 31.7 47.5

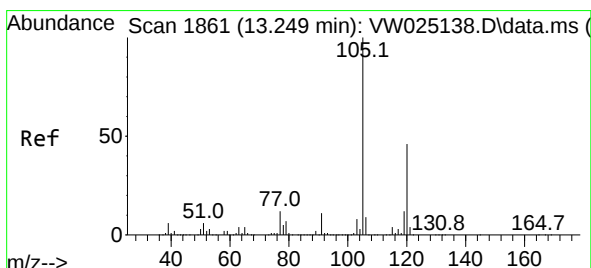
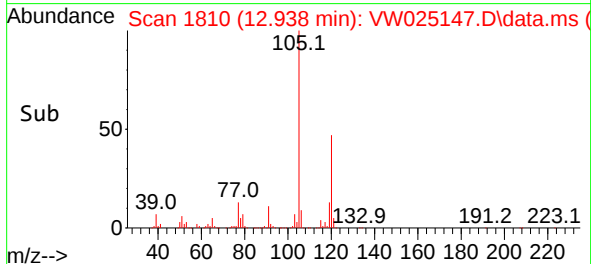
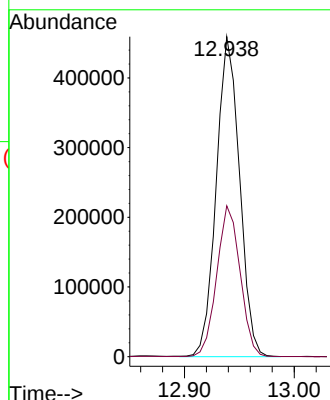
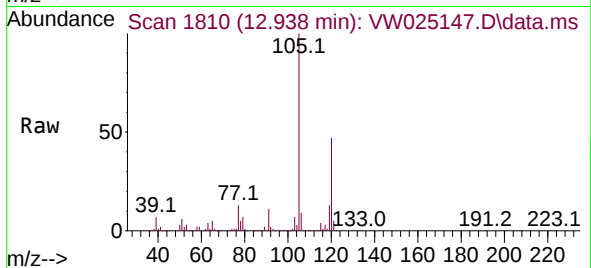




#62
1,3,5-Trimethylbenzene
Concen: 27.297 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

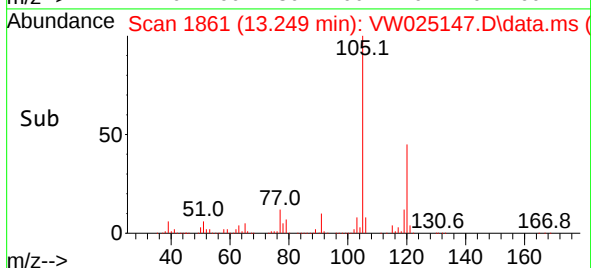
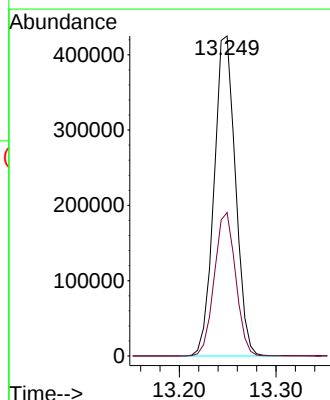
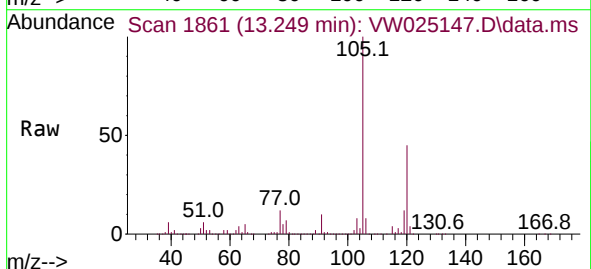
Instrument :
MSVOA_W
ClientSampleId :

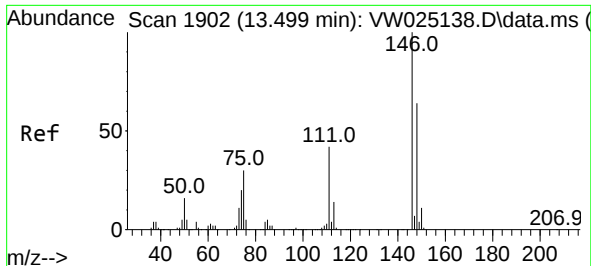
Tgt Ion:105 Resp: 677576
Ion Ratio Lower Upper
105 100
120 47.3 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 27.060 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion:105 Resp: 652541
Ion Ratio Lower Upper
105 100
120 44.7 36.1 54.1

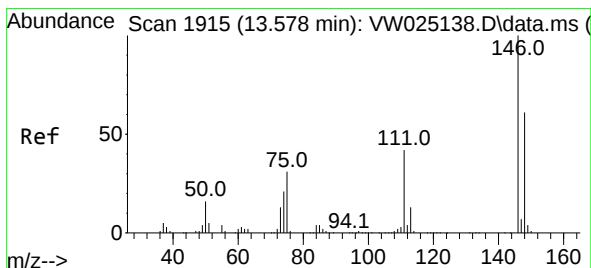
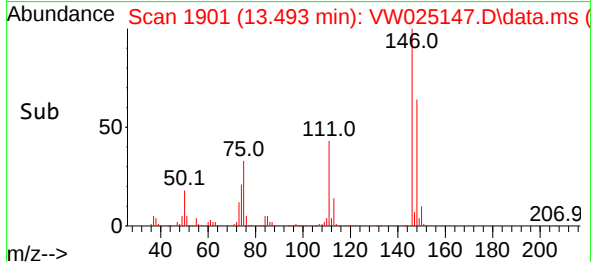
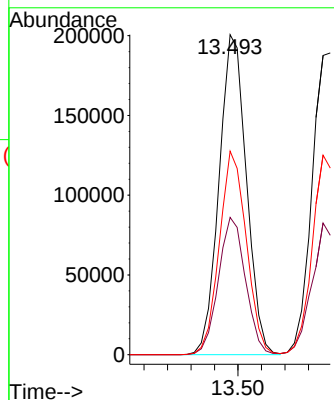
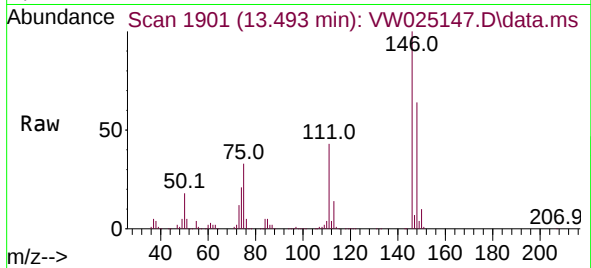




#64
1,3-Dichlorobenzene
Concen: 27.334 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

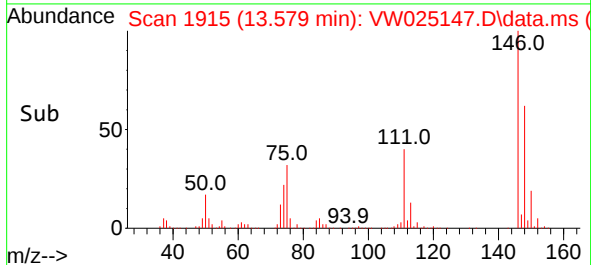
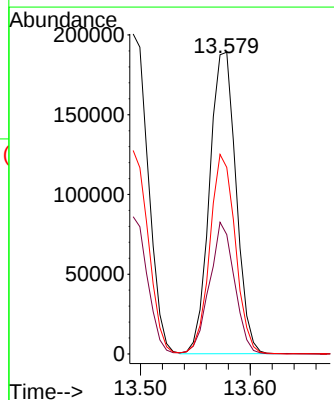
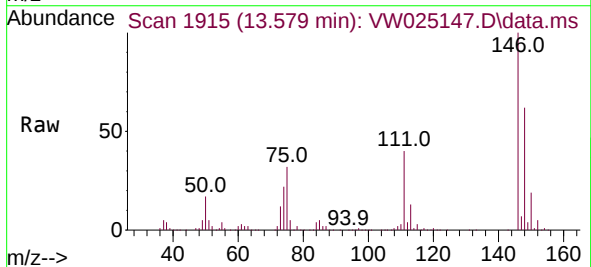
Instrument :
MSVOA_W
ClientSampleId :

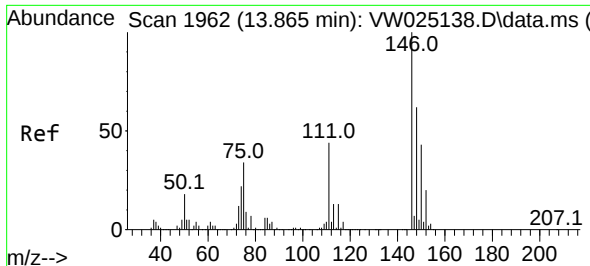
Tgt Ion:146 Resp: 324288
Ion Ratio Lower Upper
146 100
111 42.9 30.2 56.0
148 63.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 26.579 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion:146 Resp: 317545
Ion Ratio Lower Upper
146 100
111 39.6 27.4 51.0
148 61.8 41.6 77.3

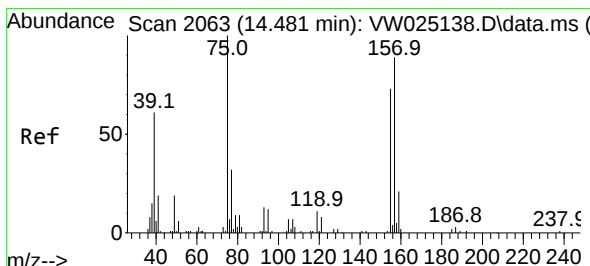
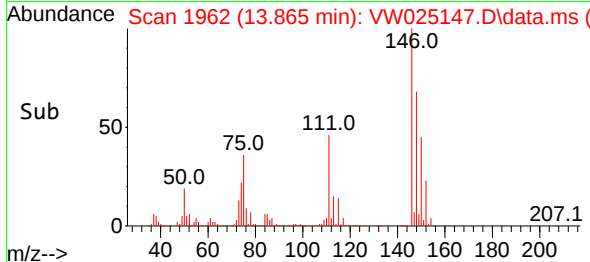
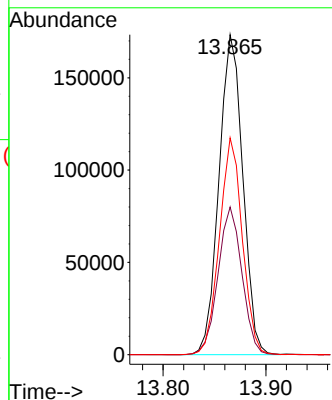
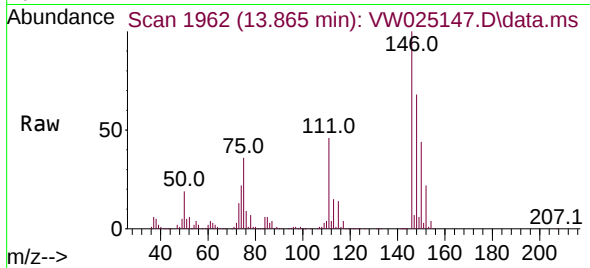




#67
1,2-Dichlorobenzene
Concen: 26.965 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

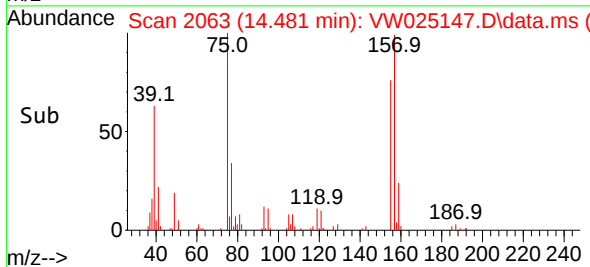
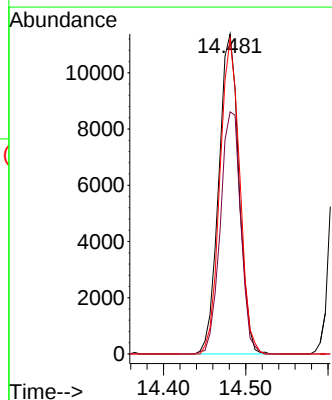
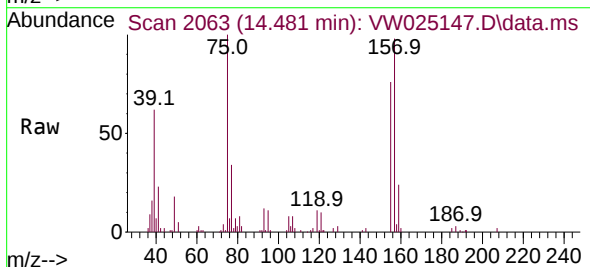
Instrument :
MSVOA_W
ClientSampleId :

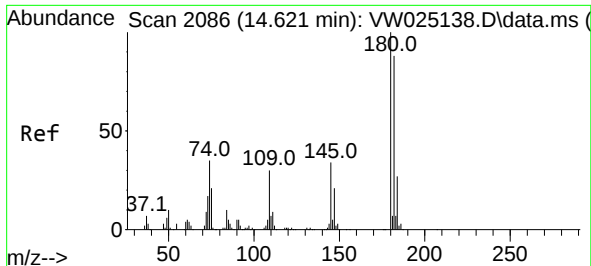
Tgt Ion:146 Resp: 278982
Ion Ratio Lower Upper
146 100
111 46.2 34.3 51.5
148 67.7 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 22.875 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW025147.D
Acq: 22 Dec 2022 09:08

Tgt Ion: 75 Resp: 19381
Ion Ratio Lower Upper
75 100
155 75.7 60.3 90.5
157 98.4 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 26.195 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 220660

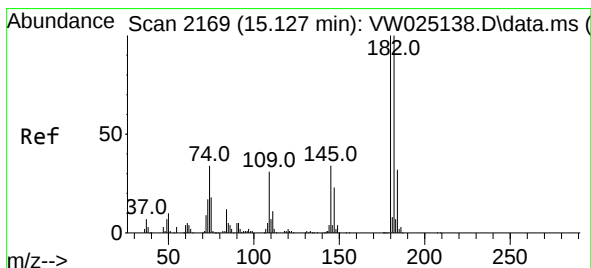
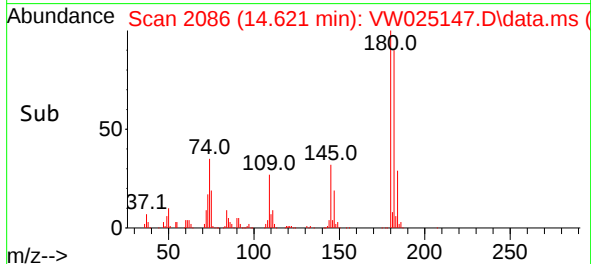
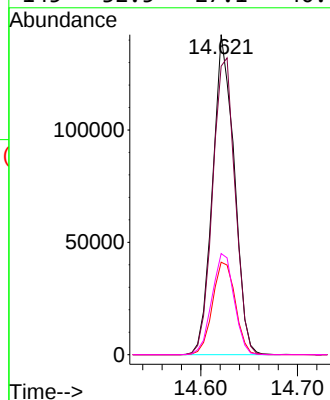
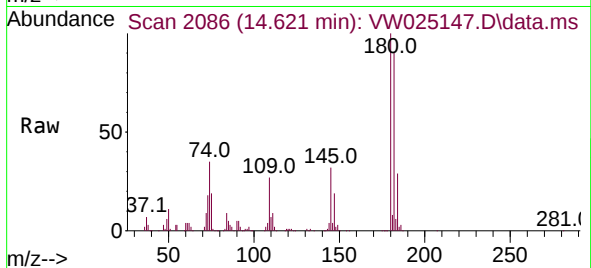
Ion Ratio Lower Upper

180 100

182 96.6 77.8 116.6

184 30.6 24.3 36.5

145 32.5 27.1 40.7



#70

1,2,4-trichlorobenzene

Concen: 26.492 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

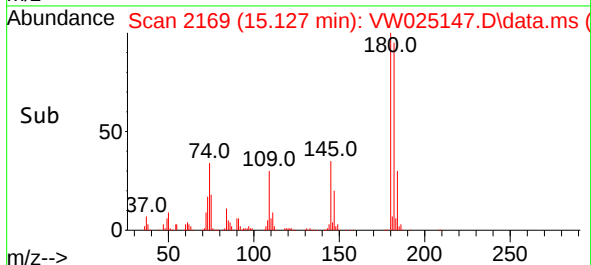
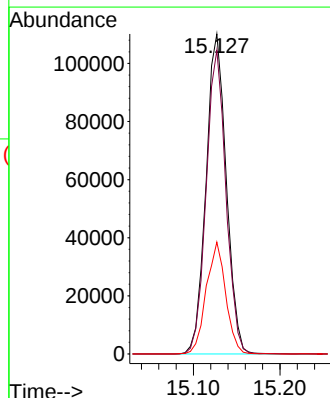
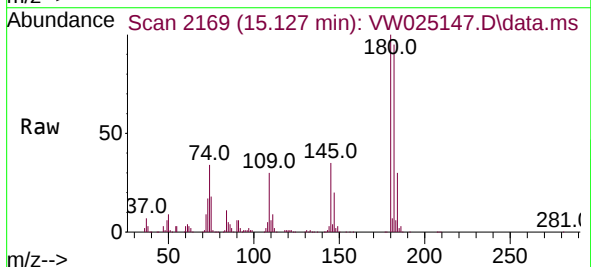
Tgt Ion:180 Resp: 179058

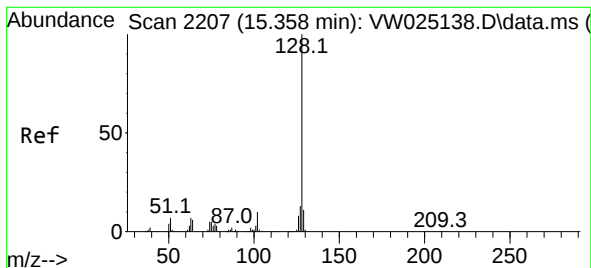
Ion Ratio Lower Upper

180 100

182 92.4 77.2 115.8

145 33.6 26.9 40.3





#71

Naphthalene

Concen: 25.738 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Instrument :

MSVOA_W

ClientSampleId :

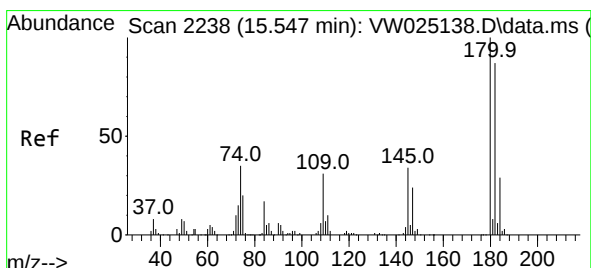
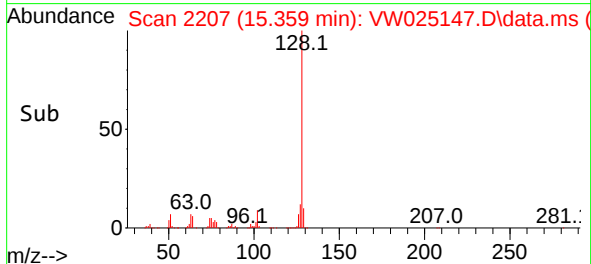
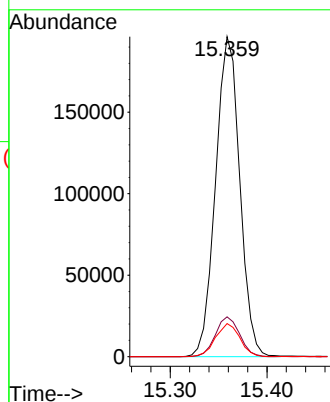
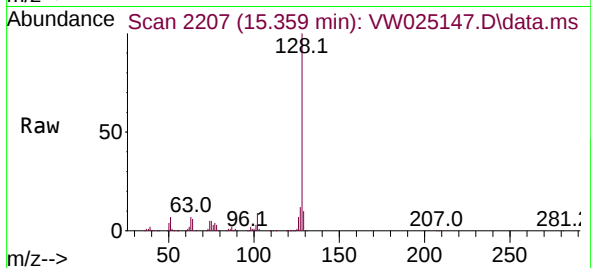
Tgt Ion:128 Resp: 341034

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.731 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025147.D

Acq: 22 Dec 2022 09:08

Tgt Ion:180 Resp: 152412

Ion Ratio Lower Upper

180 100

182 94.0 76.4 114.6

145 35.8 29.6 44.4

