

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025152.D
 Acq On : 22 Dec 2022 12:54
 Operator : SY/MD
 Sample : N6169-04MSD
 Misc : 4.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:44:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 00:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	281329	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	311666	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149653	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	123438	38.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 152.240%#	
7) Chloroethane-d5	2.886	69	84374	40.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 161.160%#	
11) 1,1-Dichloroethene-d2	4.019	63	263473	37.083	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 148.320%#	
21) 2-Butanone-d5	7.074	46	119089	146.269	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 292.540%#	
24) Chloroform-d	7.647	84	300835	41.426	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 165.720%#	
26) 1,2-Dichloroethane-d4	8.305	65	179102	48.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 194.520%#	
32) Benzene-d6	8.275	84	602307	32.953	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 131.800%	
36) 1,2-Dichloropropane-d6	9.269	67	143878	27.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.200%	
41) Toluene-d8	10.323	98	536447	32.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 129.480%	
43) trans-1,3-Dichloroprop...	10.573	79	88211	39.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 157.080%#	
47) 2-Hexanone-d5	10.921	63	98640	126.417	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 252.840%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	190286	48.452	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 193.800%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	175197	34.539	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 138.160%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	45299	26.569	ug/L	99
3) Chloromethane	2.209	50	89728	29.888	ug/L	100
5) Vinyl chloride	2.361	62	117166	31.198	ug/L	100
6) Bromomethane	2.776	94	59472	30.561	ug/L	95
8) Chloroethane	2.916	64	56576	32.570	ug/L	100
9) Trichlorofluoromethane	3.257	101	84482	30.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	114838	30.889	ug/L	99
12) 1,1-Dichloroethene	4.038	96	108917	30.729	ug/L	89
13) Acetone	4.117	43	67478	80.626	ug/L	99
14) Carbon disulfide	4.385	76	331918	29.333	ug/L	98
15) Methyl Acetate	4.666	43	70958	51.945	ug/L #	80
16) Methylene chloride	4.916	84	126699	28.814	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	116506	31.007	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	226297	40.589	ug/L	100
19) 1,1-Dichloroethane	6.214	63	217311	32.007	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	130593	32.869	ug/L	87
22) 2-Butanone	7.165	43	99543	94.541	ug/L	98
23) Bromochloromethane	7.513	128	62304	37.058	ug/L	97
25) Chloroform	7.677	83	224501	32.676	ug/L	98

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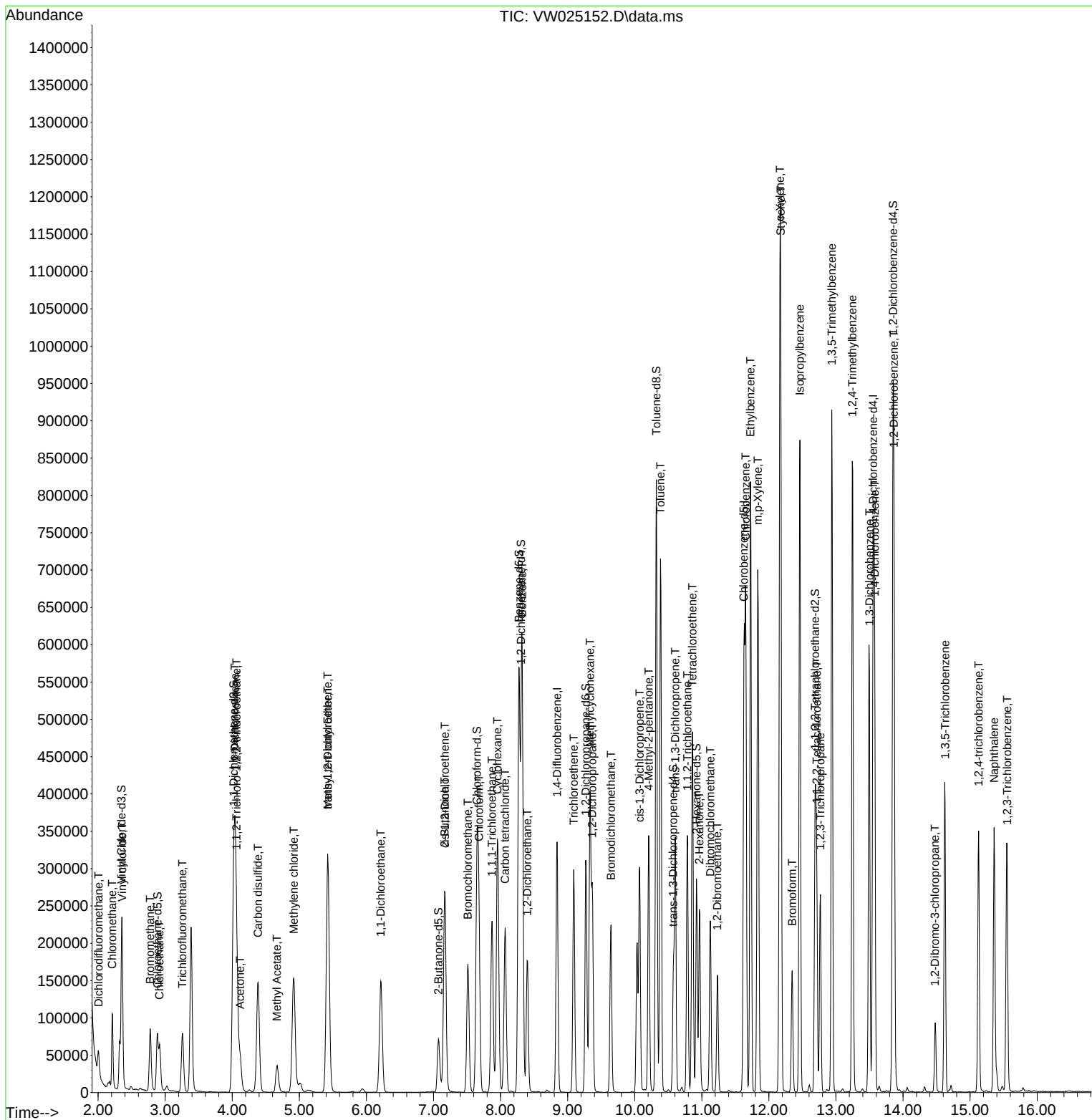
Instrument :
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 ClientSampleId :

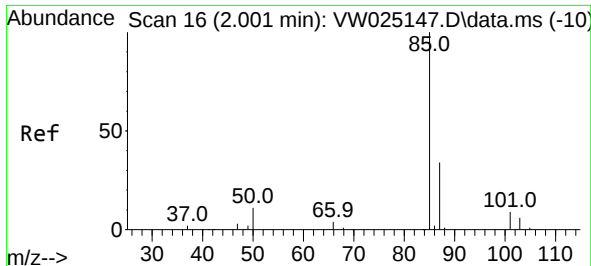
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	160393	37.078	ug/L	98
29) Cyclohexane	7.952	56	197223	24.990	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	188143	25.573	ug/L	99
31) Carbon tetrachloride	8.068	117	167420	24.749	ug/L	99
33) Benzene	8.324	78	501843	25.993	ug/L	100
34) Trichloroethene	9.092	95	104982	20.758	ug/L	95
35) Methylcyclohexane	9.336	83	167213	18.641	ug/L	99
37) 1,2-Dichloropropane	9.366	63	98305	21.110	ug/L	98
38) Bromodichloromethane	9.646	83	150150	24.408	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	181129	25.457	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	212769	89.132	ug/L	100
42) Toluene	10.384	91	523575	25.883	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	191270	31.389	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	107875	32.462	ug/L	97
46) Tetrachloroethene	10.860	164	102868	27.942	ug/L	98
48) 2-Hexanone	10.963	43	152990	87.744	ug/L	98
49) Dibromochloromethane	11.128	129	119818	30.022	ug/L	93
50) 1,2-Dibromoethane	11.232	107	105744	34.177	ug/L	98
51) Chlorobenzene	11.652	112	331433	25.601	ug/L	98
52) Ethylbenzene	11.725	91	574951	25.081	ug/L	99
53) m,p-Xylene	11.835	106	222214	25.383	ug/L	94
54) o-Xylene	12.164	106	215579	25.838	ug/L	100
55) Styrene	12.177	104	370022	26.188	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	146257	37.634	ug/L	97
59) Bromoform	12.347	173	72336	35.198	ug/L	98
60) Isopropylbenzene	12.463	105	564674	24.616	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	112680	39.172	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	479708	24.414	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	476275	24.950	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	229847	24.475	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	234466	24.792	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	224120	27.365	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	24820	37.008	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	117363	17.600	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	103878	19.415	ug/L	98
71) Naphthalene	15.359	128	292125	27.852	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	108473	23.134	ug/L	99

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

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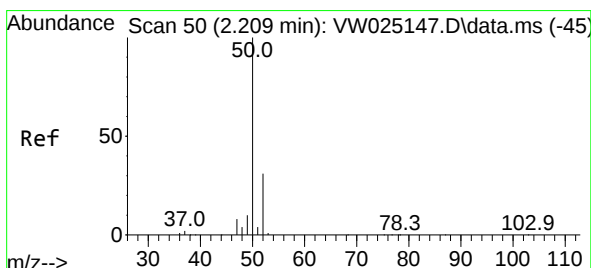
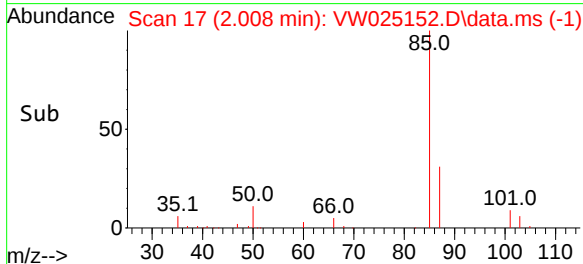
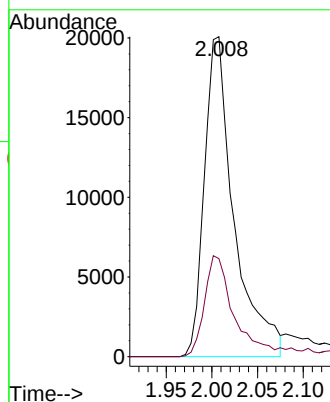
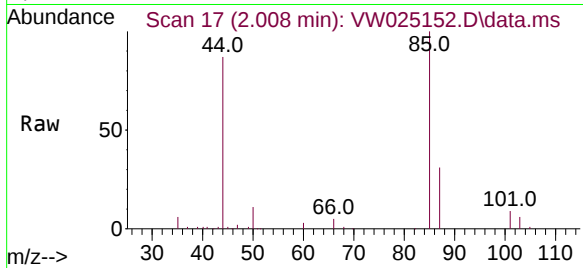




#2
Dichlorodifluoromethane
Concen: 26.569 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

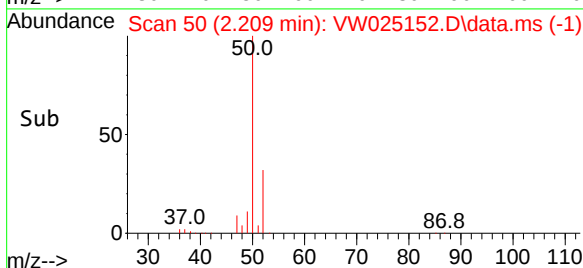
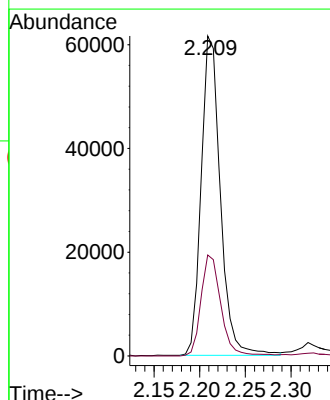
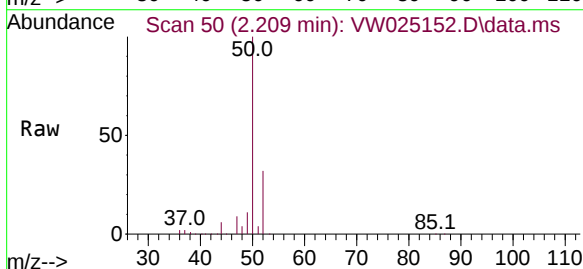
Instrument :
MSVOA_W
ClientSampleId :

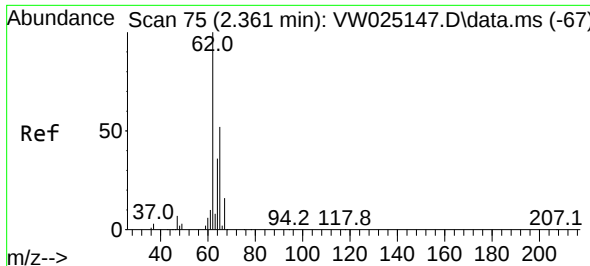
Tgt Ion: 85 Resp: 45299
Ion Ratio Lower Upper
85 100
87 31.0 25.0 37.6



#3
Chloromethane
Concen: 29.888 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 50 Resp: 89728
Ion Ratio Lower Upper
50 100
52 31.6 22.1 41.1

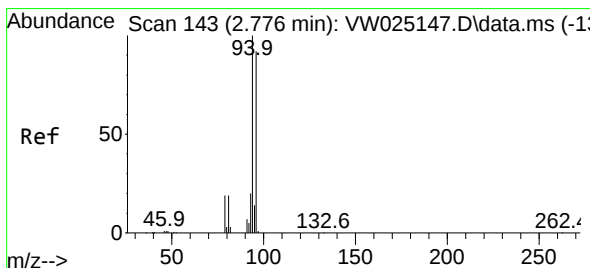
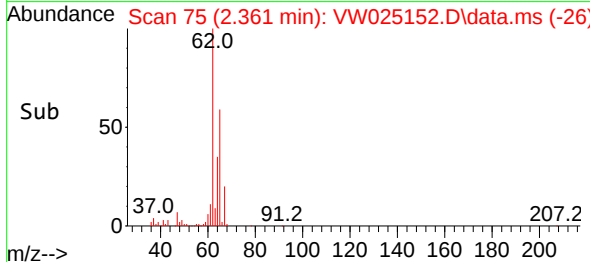
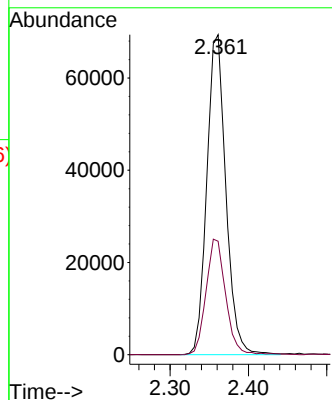
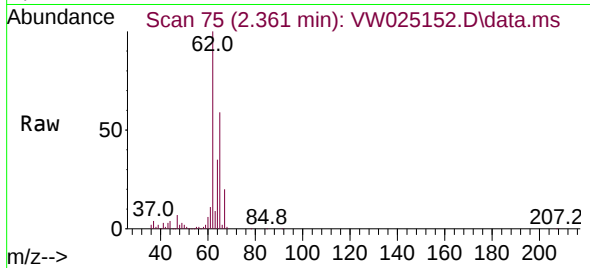




#5
 Vinyl chloride
 Concen: 31.198 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW025152.D
 Acq: 22 Dec 2022 12:54

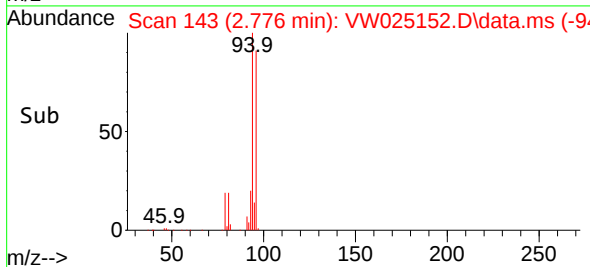
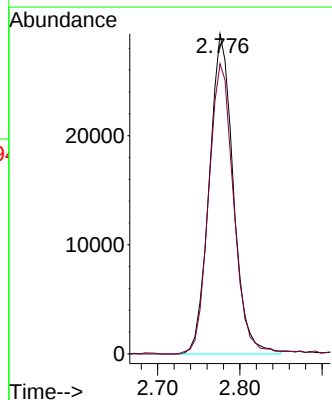
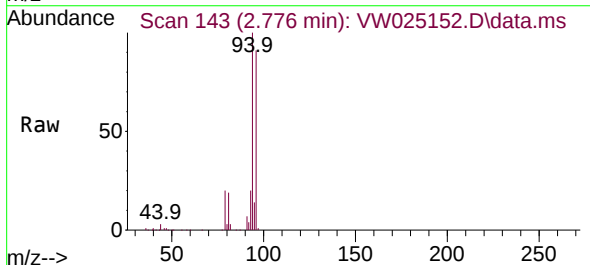
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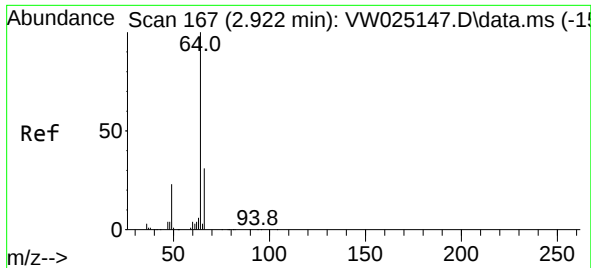
Tgt Ion: 62 Resp: 117166
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.8 46.1



#6
 Bromomethane
 Concen: 30.561 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW025152.D
 Acq: 22 Dec 2022 12:54

Tgt Ion: 94 Resp: 59472
 Ion Ratio Lower Upper
 94 100
 96 90.7 66.7 123.9

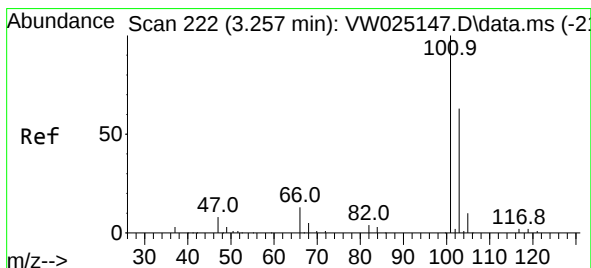
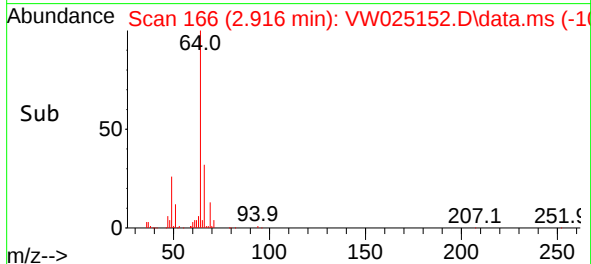
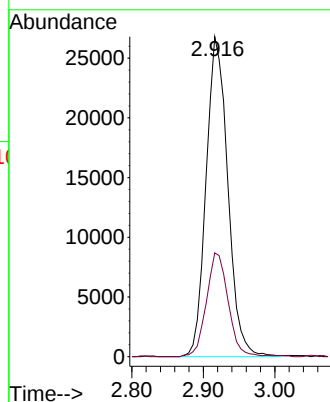
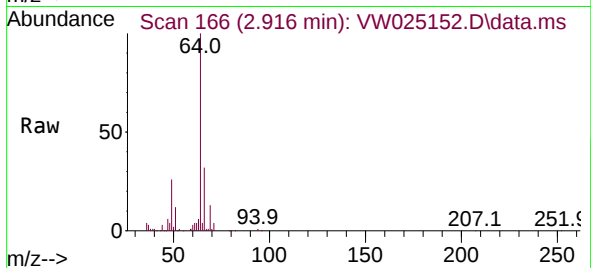




#8
Chloroethane
Concen: 32.570 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

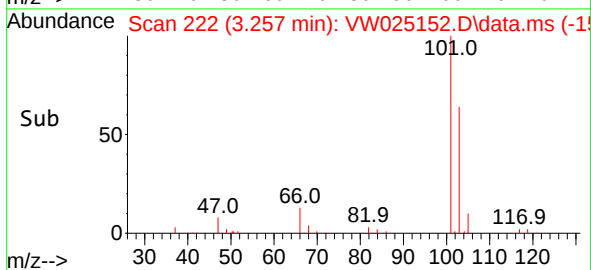
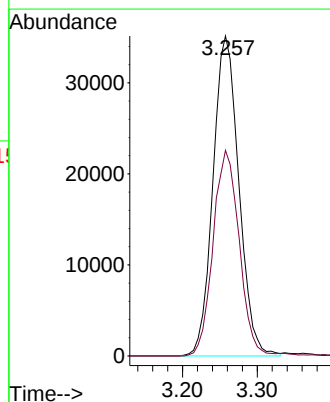
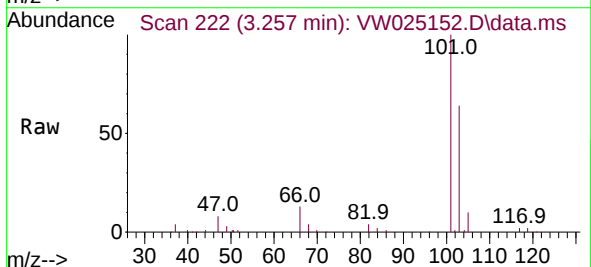
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ClientSampleId :

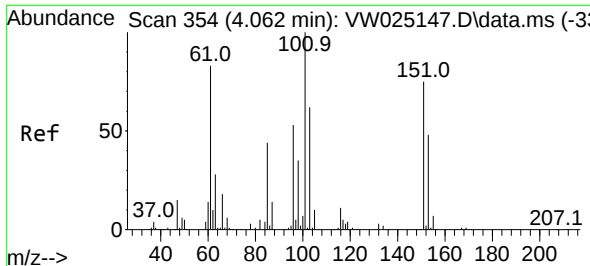
Tgt Ion: 64 Resp: 56576
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 30.017 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion:101 Resp: 84482
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3

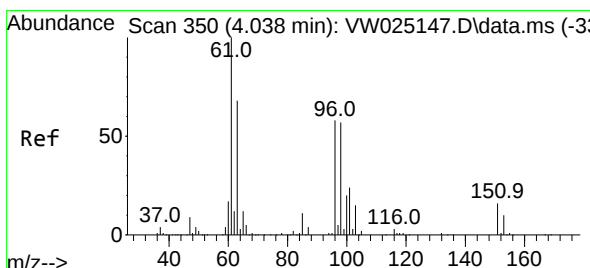
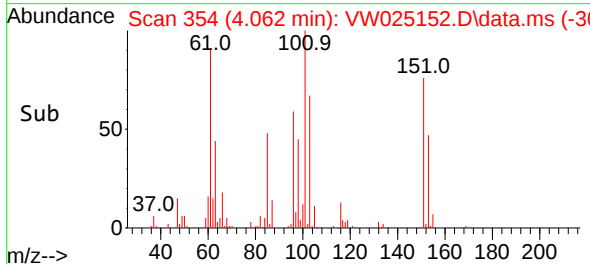
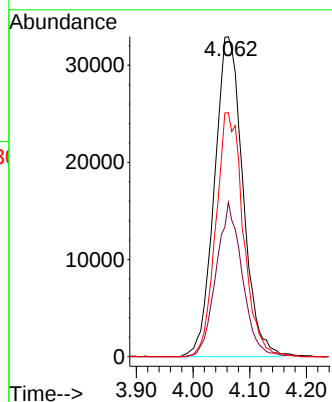
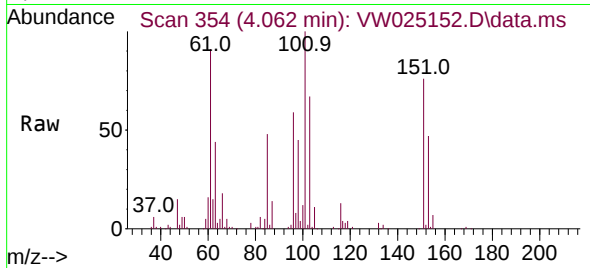




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 30.889 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW025152.D
 Acq: 22 Dec 2022 12:54

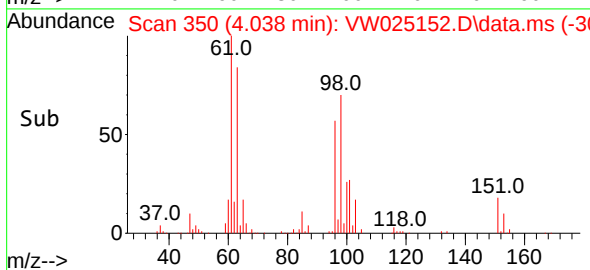
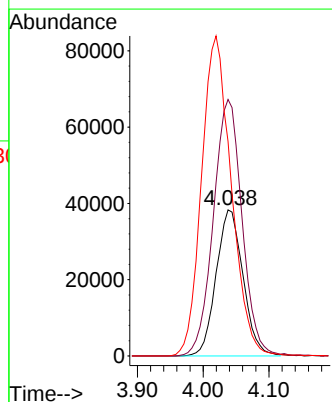
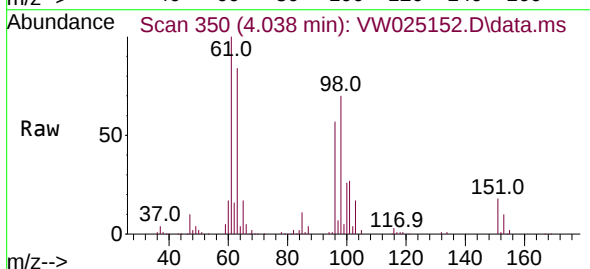
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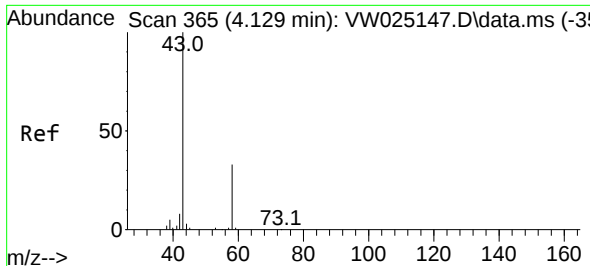
Tgt Ion:101 Resp: 114838
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.6 52.0
 151 73.6 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 30.729 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025152.D
 Acq: 22 Dec 2022 12:54

Tgt Ion: 96 Resp: 108917
 Ion Ratio Lower Upper
 96 100
 61 175.7 120.8 224.4
 63 147.0 84.1 156.1

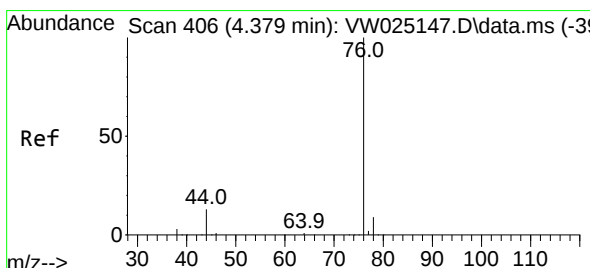
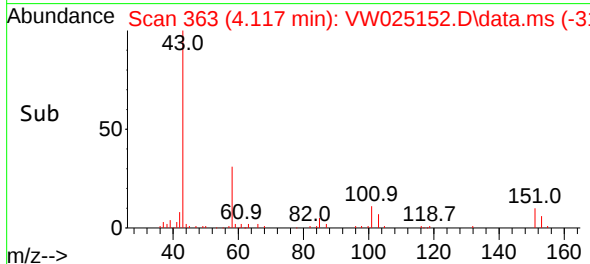
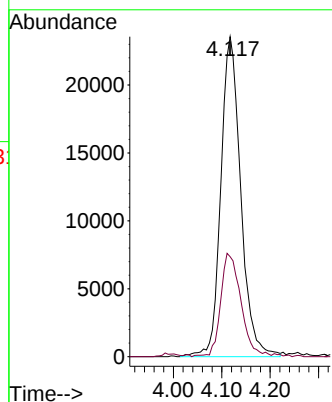
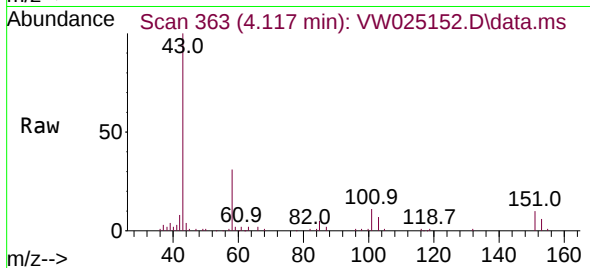




#13
Acetone
Concen: 80.626 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

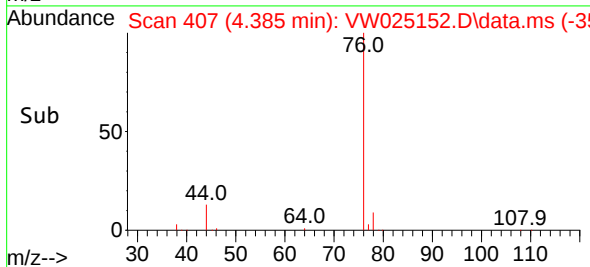
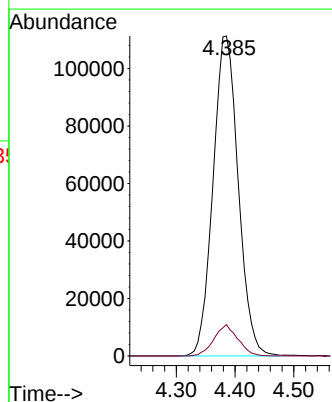
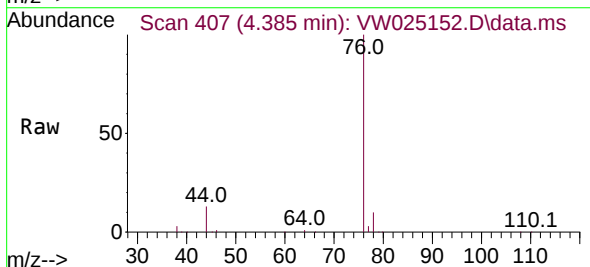
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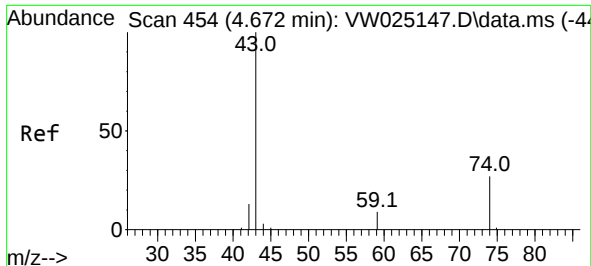
Tgt Ion: 43 Resp: 67478
Ion Ratio Lower Upper
43 100
58 32.0 0.0 65.2



#14
Carbon disulfide
Concen: 29.333 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 76 Resp: 331918
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

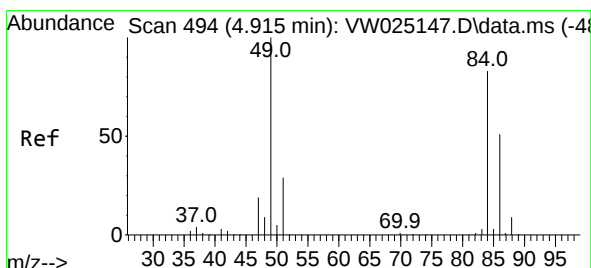
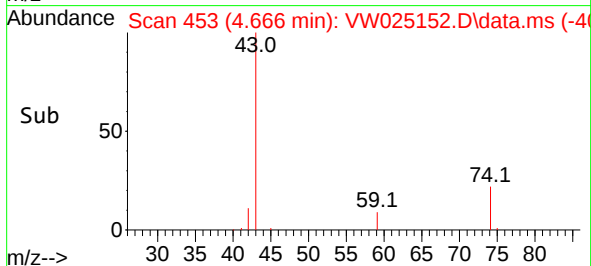
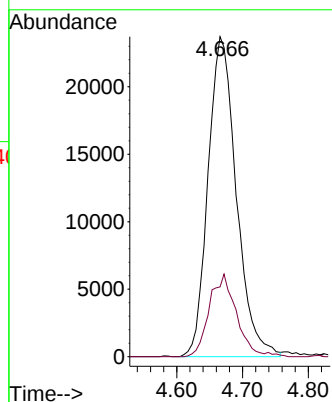
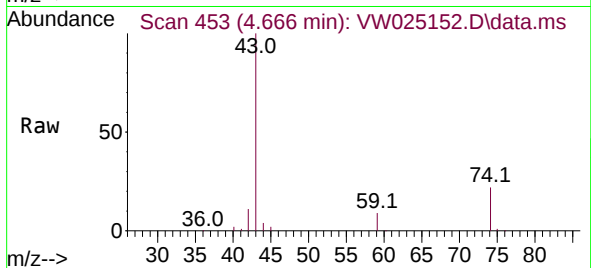




#15
Methyl Acetate
Concen: 51.945 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

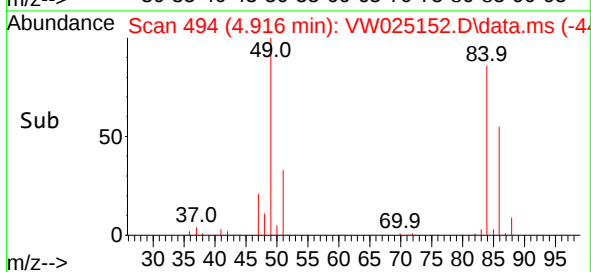
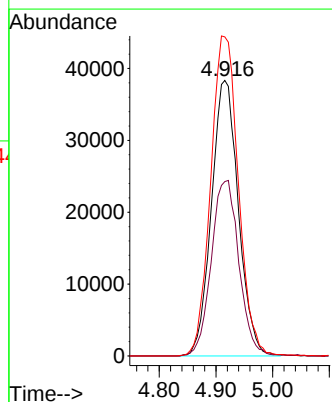
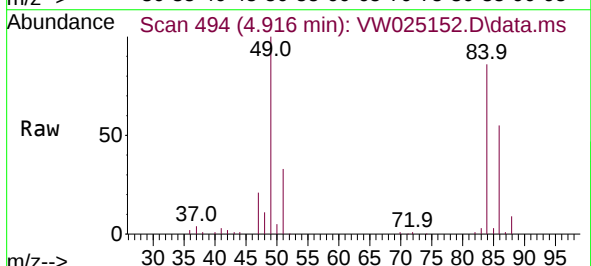
Instrument :
MSVOA_W
ClientSampleId :

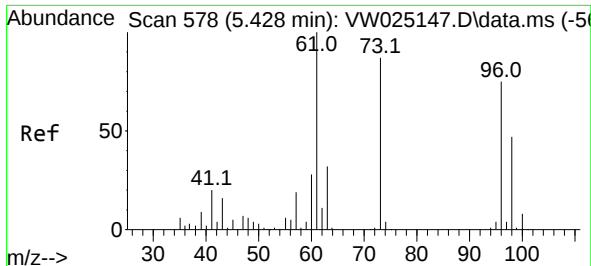
Tgt Ion: 43 Resp: 70958
Ion Ratio Lower Upper
43 100
74 14.2 19.5 29.3#



#16
Methylene chloride
Concen: 28.814 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 84 Resp: 126699
Ion Ratio Lower Upper
84 100
86 63.3 45.0 83.6
49 115.8 86.3 160.3

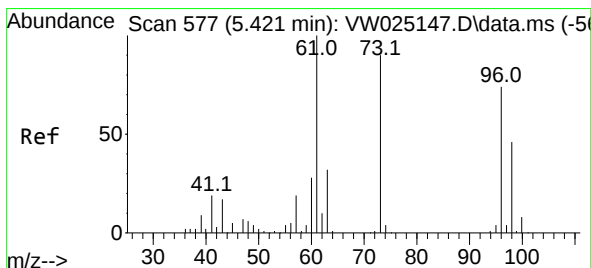
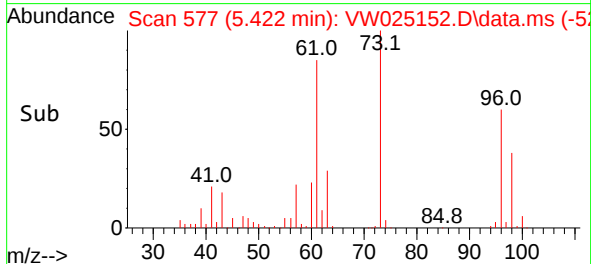
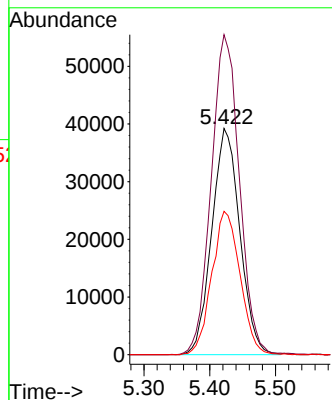
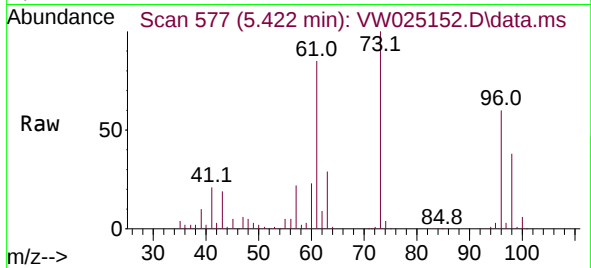




#17
trans-1,2-Dichloroethene
Concen: 31.007 ug/L
RT: 5.422 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

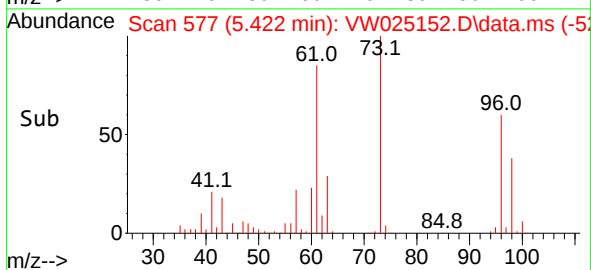
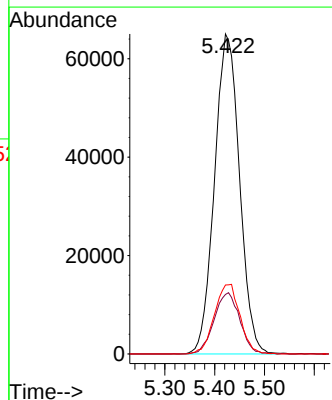
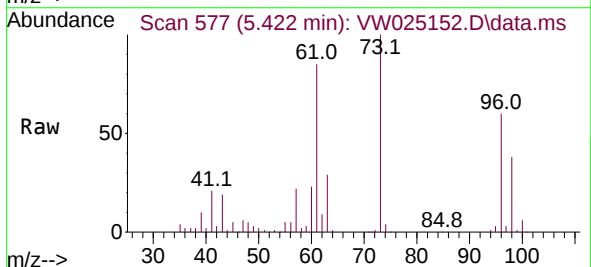
Instrument :
MSVOA_W
ClientSampleId :

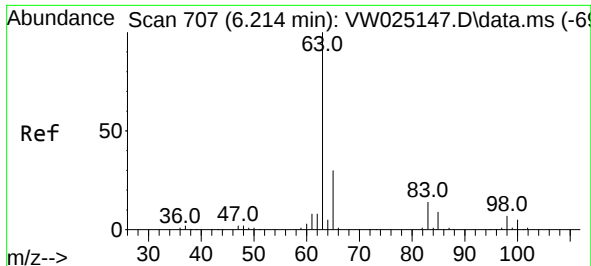
Tgt Ion: 96 Resp: 116506
Ion Ratio Lower Upper
96 100
61 141.5 95.5 177.3
98 63.4 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 40.589 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 73 Resp: 226297
Ion Ratio Lower Upper
73 100
43 19.6 15.6 23.4
57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 32.007 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

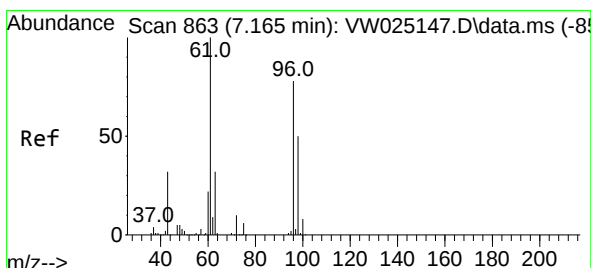
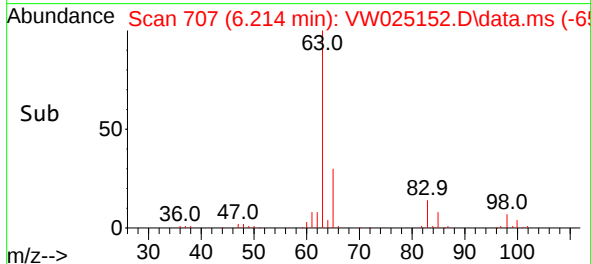
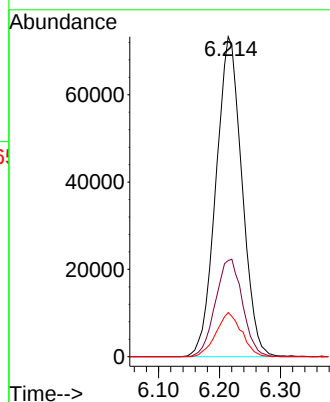
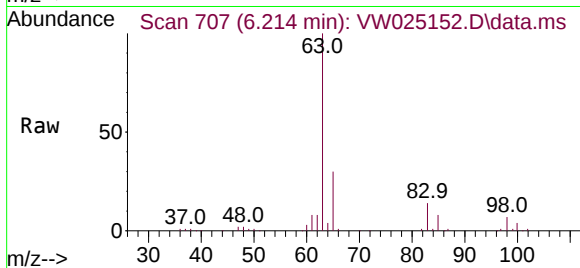
Tgt Ion: 63 Resp: 217311

Ion Ratio Lower Upper

63 100

65 30.1 22.2 41.2

83 13.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 32.869 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

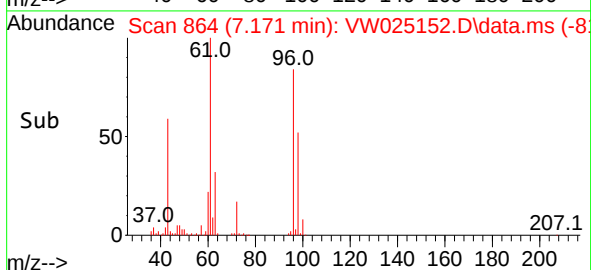
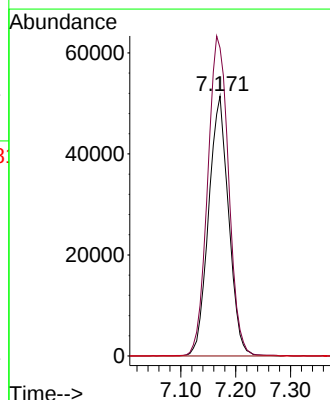
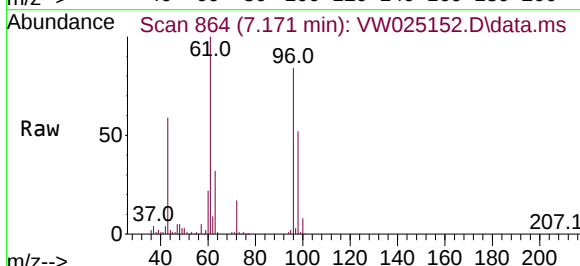
Tgt Ion: 96 Resp: 130593

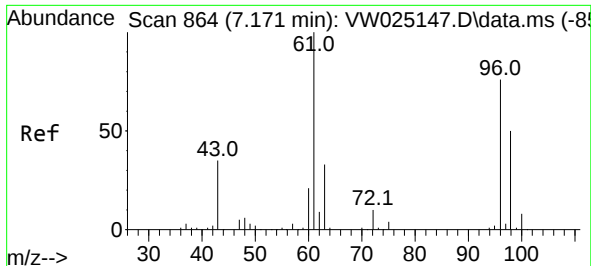
Ion Ratio Lower Upper

96 100

61 118.5 93.7 173.9

68 0.0 0.0 0.0

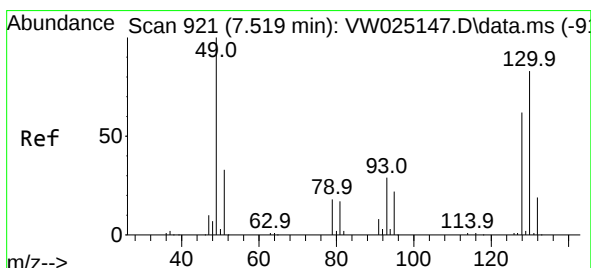
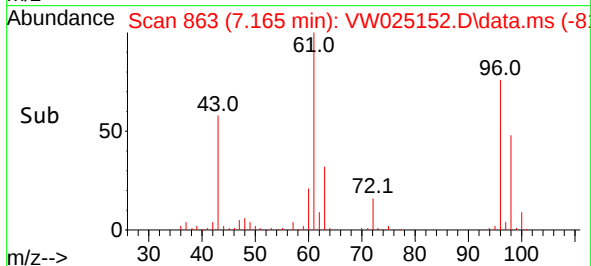
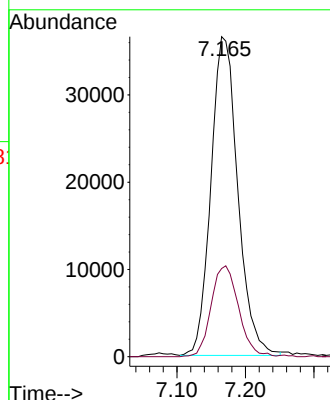
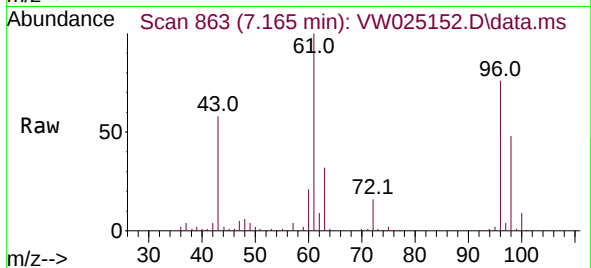




#22
2-Butanone
Concen: 94.541 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

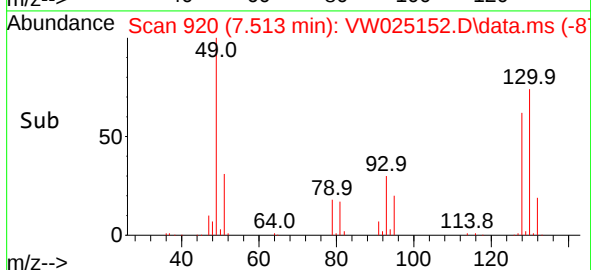
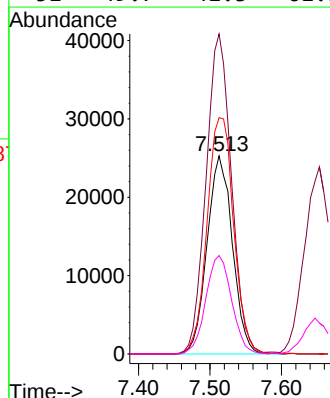
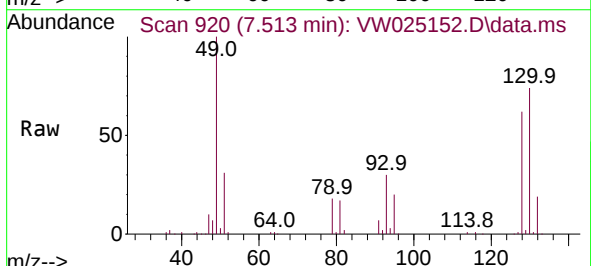
Instrument :
MSVOA_W
ClientSampleId :

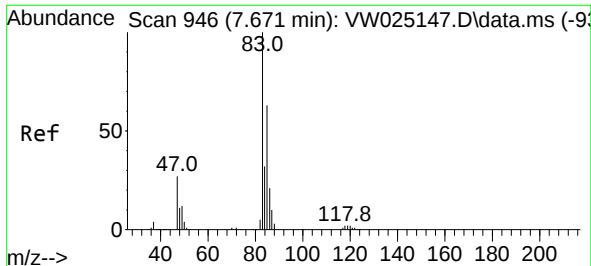
Tgt Ion: 43 Resp: 99543
Ion Ratio Lower Upper
43 100
72 28.8 15.0 45.0



#23
Bromochloromethane
Concen: 37.058 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 128 Resp: 62304
Ion Ratio Lower Upper
128 100
49 161.6 114.1 211.9
130 119.3 89.0 165.2
51 49.7 41.3 61.9

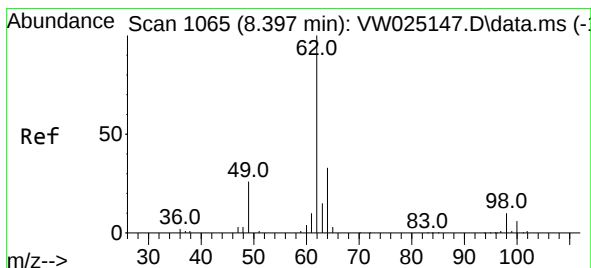
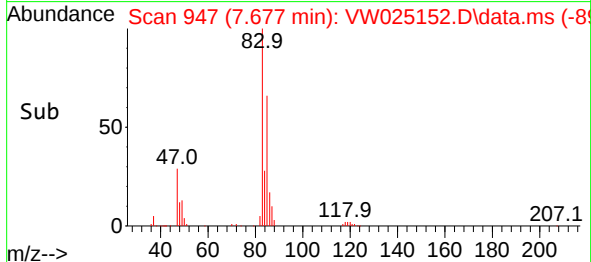
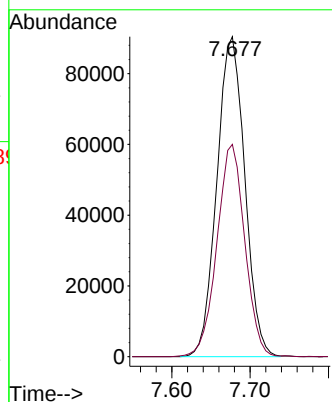
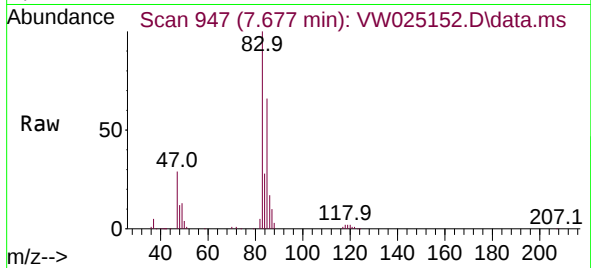




#25
Chloroform
Concen: 32.676 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

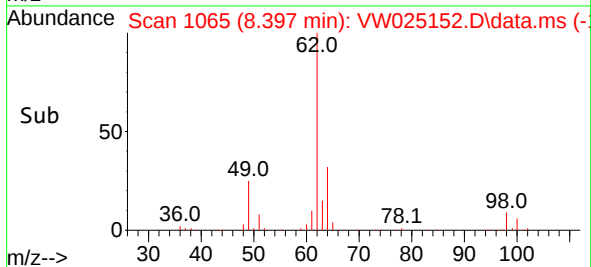
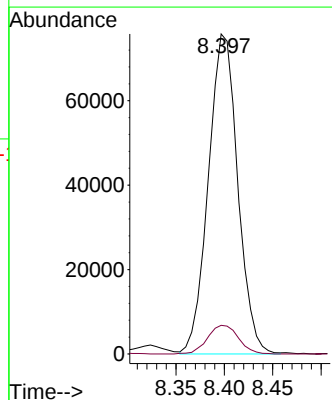
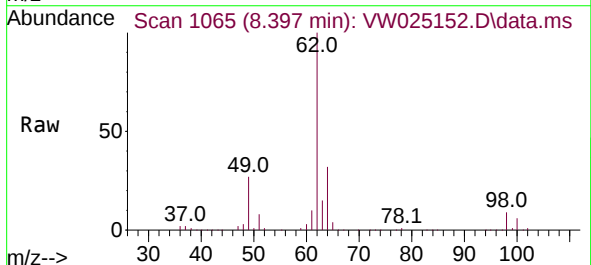
Instrument :
MSVOA_W
ClientSampleId :

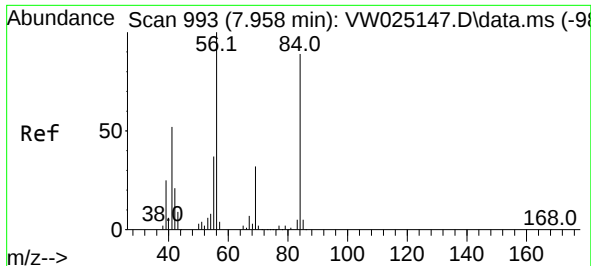
Tgt Ion: 83 Resp: 224501
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 37.078 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 62 Resp: 160393
Ion Ratio Lower Upper
62 100
98 9.0 7.8 11.8





#29

Cyclohexane

Concen: 24.990 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

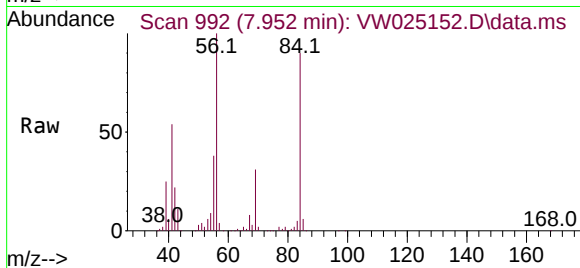
Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :



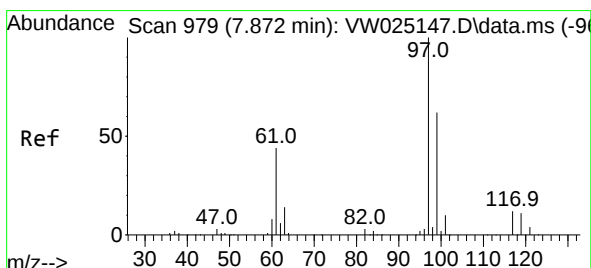
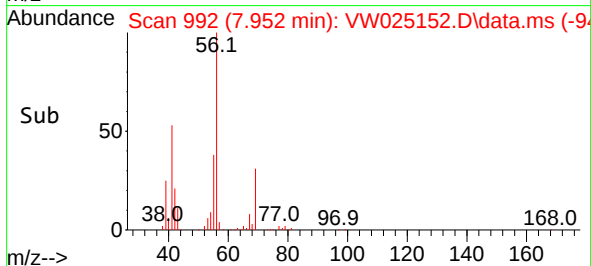
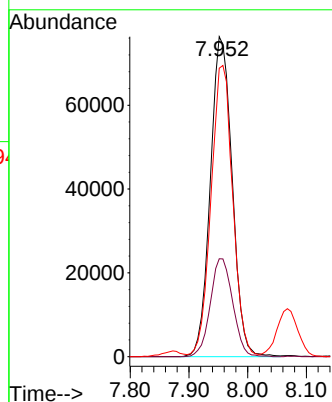
Tgt Ion: 56 Resp: 197223

Ion Ratio Lower Upper

56 100

69 31.4 25.0 37.6

84 90.5 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 25.573 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

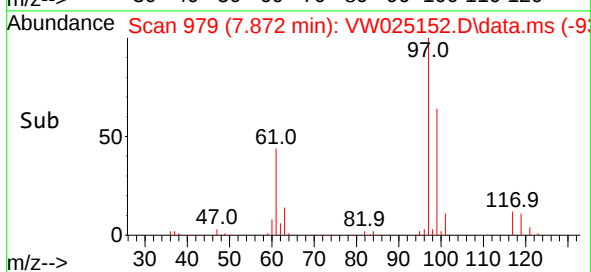
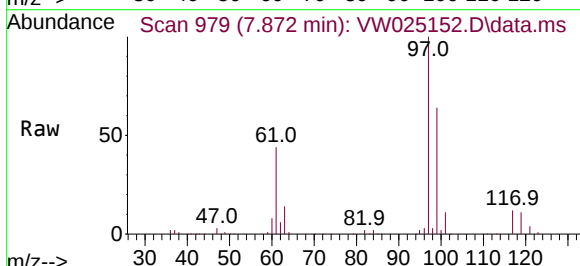
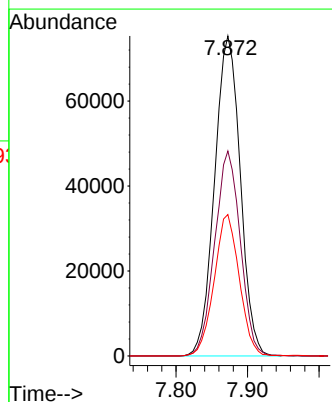
Tgt Ion: 97 Resp: 188143

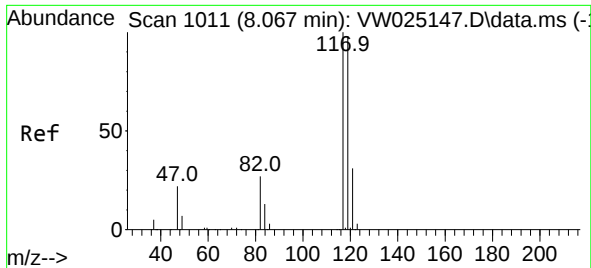
Ion Ratio Lower Upper

97 100

99 63.8 50.9 76.3

61 43.3 35.5 53.3

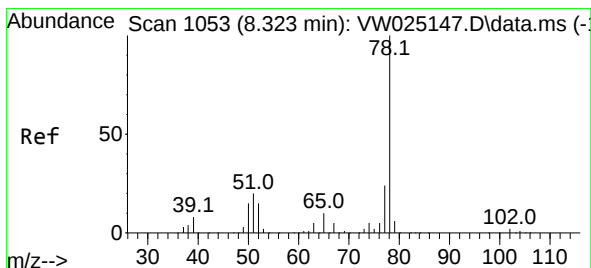
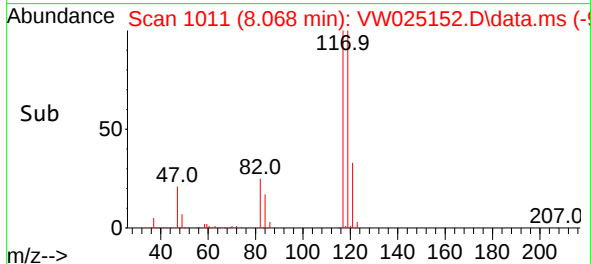
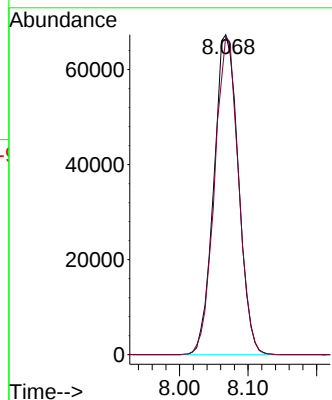
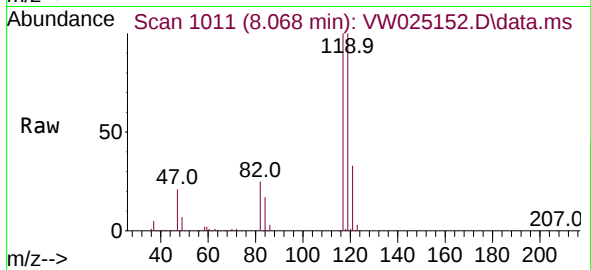




#31
Carbon tetrachloride
Concen: 24.749 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

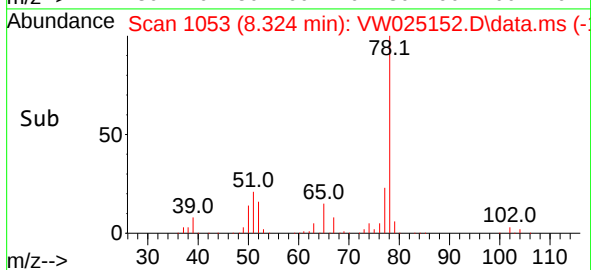
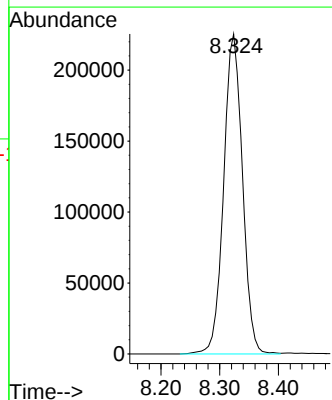
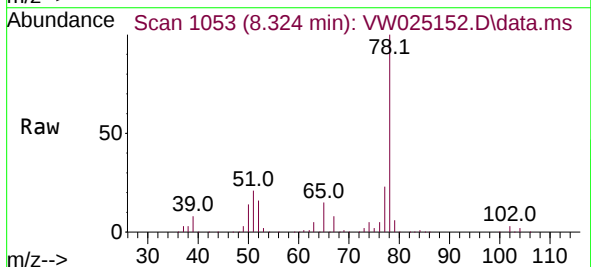
Instrument :
MSVOA_W
ClientSampleId :

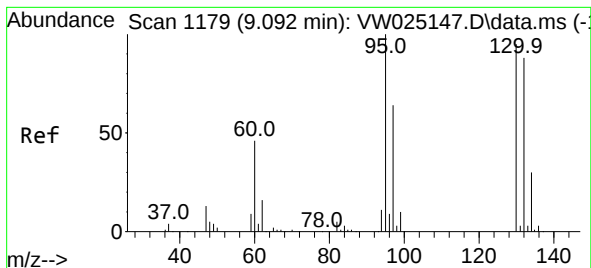
Tgt Ion:117 Resp: 167420
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.4



#33
Benzene
Concen: 25.993 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 78 Resp: 501843





#34

Trichloroethene

Concen: 20.758 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

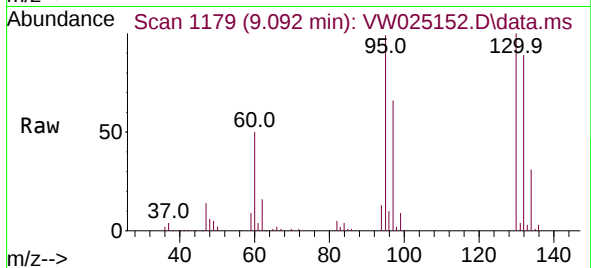
Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 104982

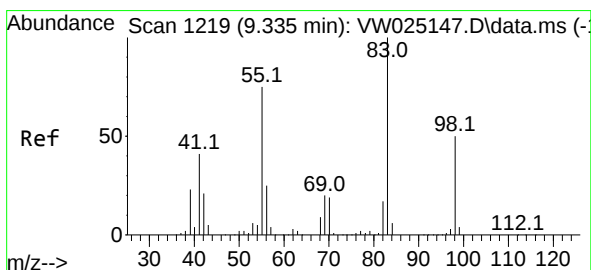
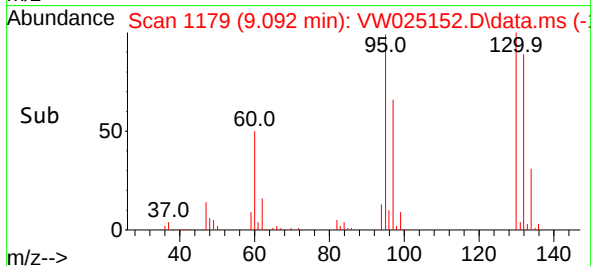
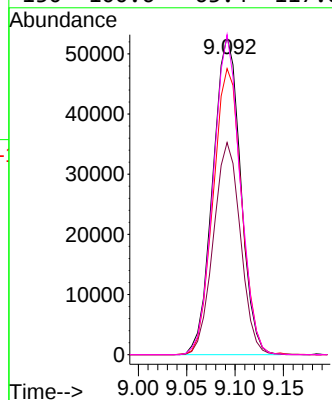
Ion Ratio Lower Upper

95 100

97 66.7 44.3 82.3

132 89.9 63.0 117.0

130 100.6 63.4 117.8



#35

Methylcyclohexane

Concen: 18.641 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

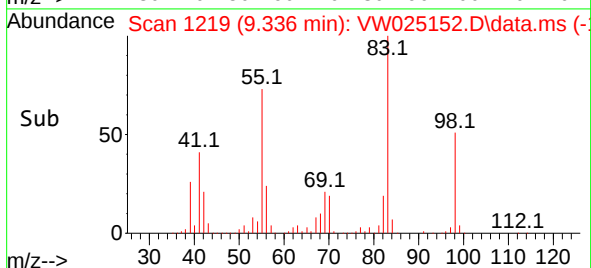
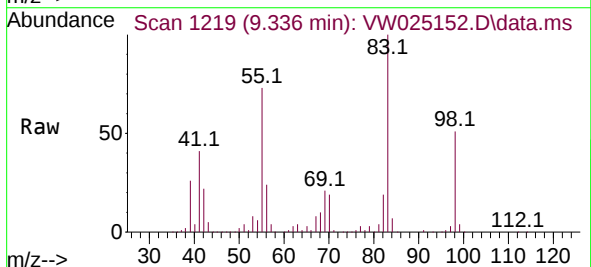
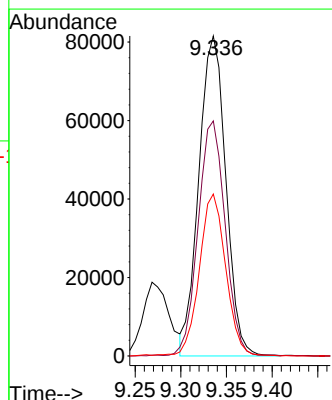
Tgt Ion: 83 Resp: 167213

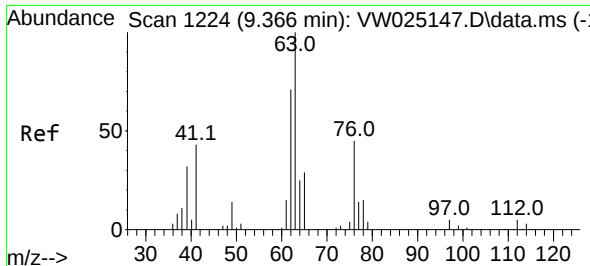
Ion Ratio Lower Upper

83 100

55 73.6 59.3 88.9

98 49.3 38.6 57.8





#37

1,2-Dichloropropane

Concen: 21.110 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

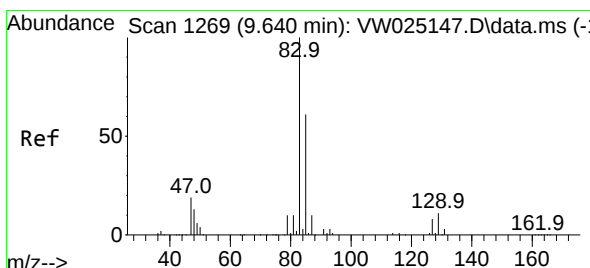
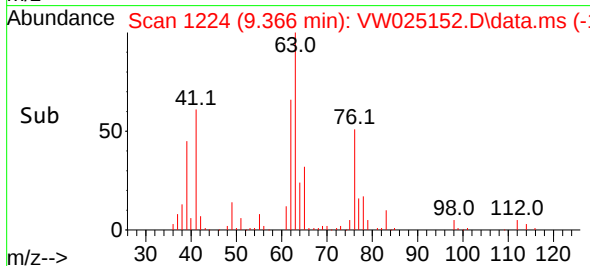
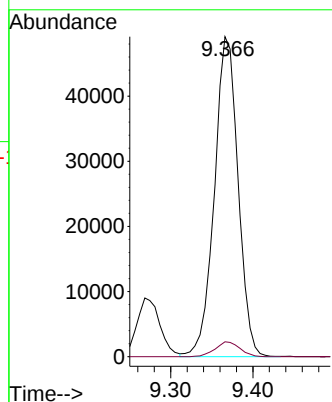
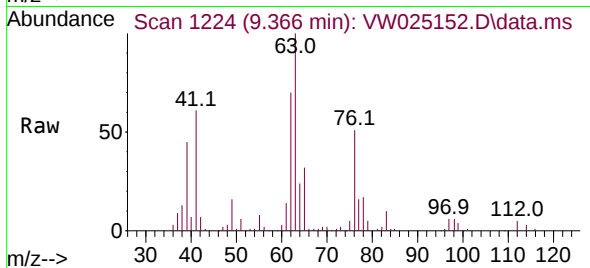
ClientSampleId :

Tgt Ion: 63 Resp: 98305

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.2



#38

Bromodichloromethane

Concen: 24.408 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

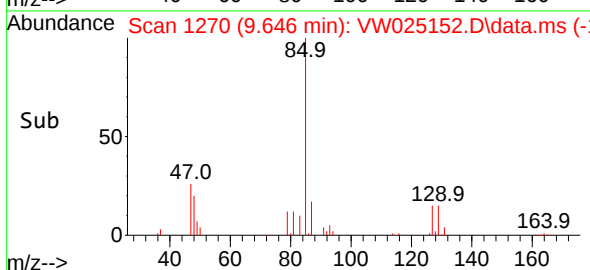
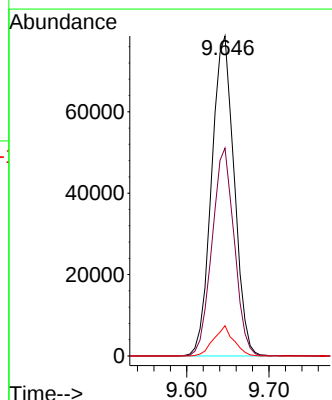
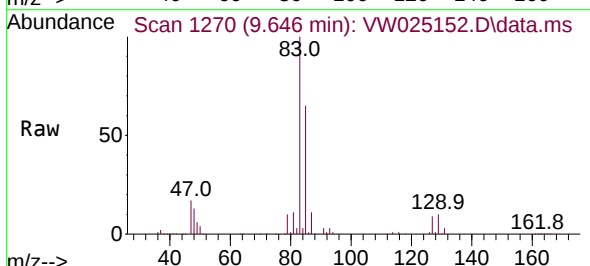
Tgt Ion: 83 Resp: 150150

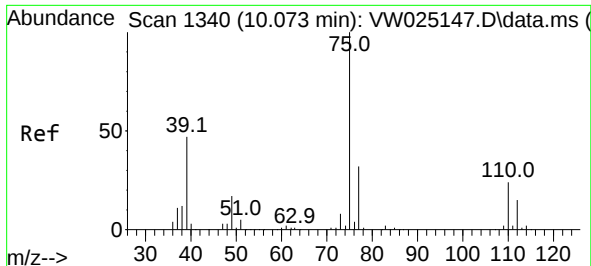
Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.2

127 9.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.457 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

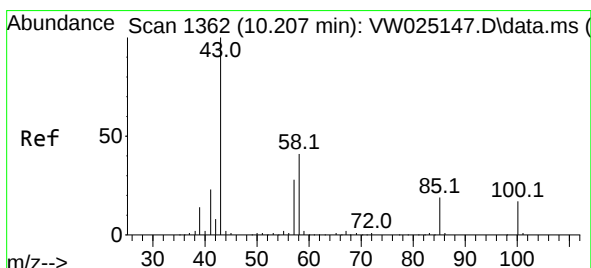
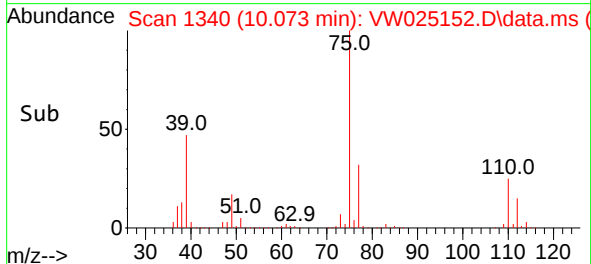
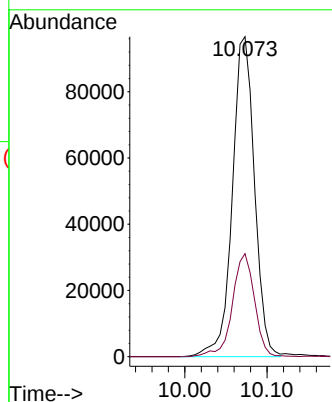
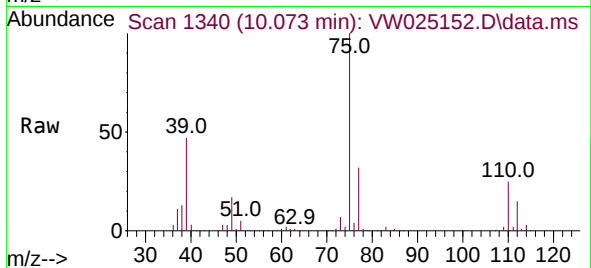
ClientSampleId :

Tgt Ion: 75 Resp: 181129

Ion Ratio Lower Upper

75 100

77 32.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 89.132 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

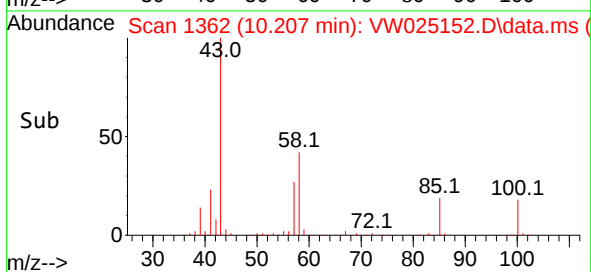
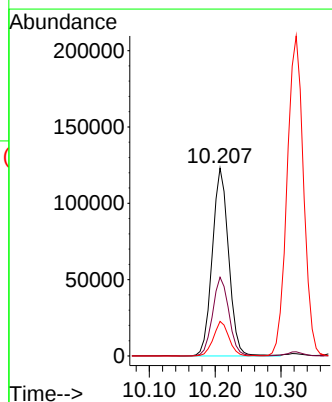
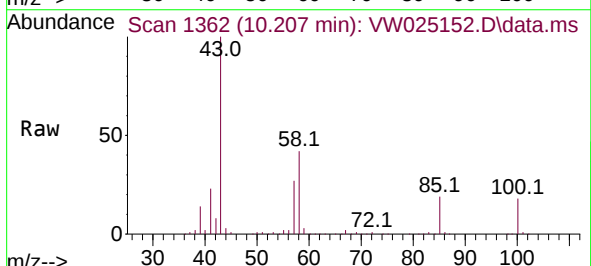
Tgt Ion: 43 Resp: 212769

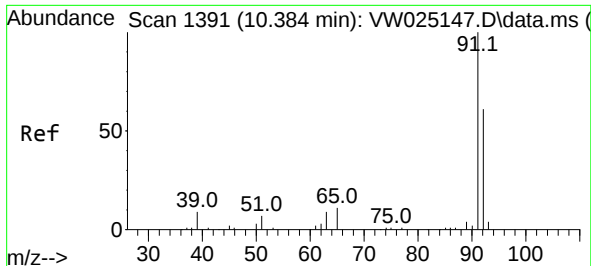
Ion Ratio Lower Upper

43 100

58 41.8 33.3 49.9

100 17.4 13.8 20.6

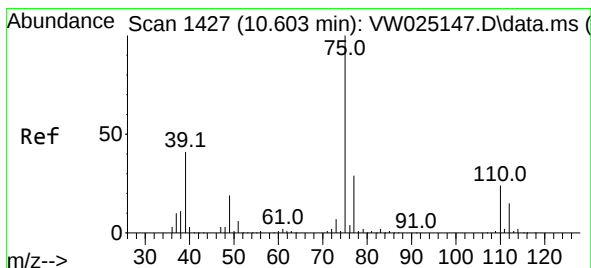
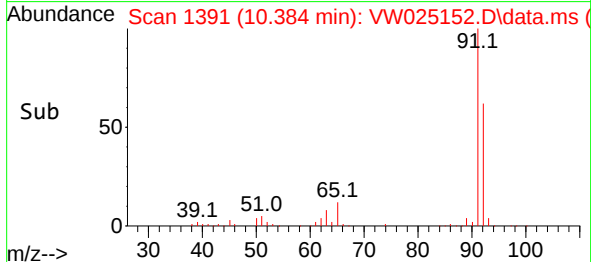
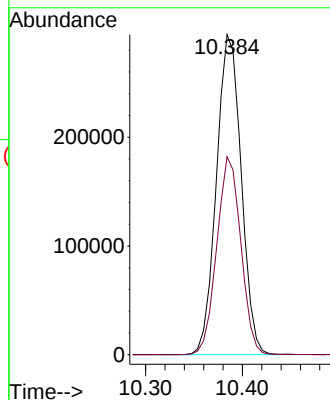
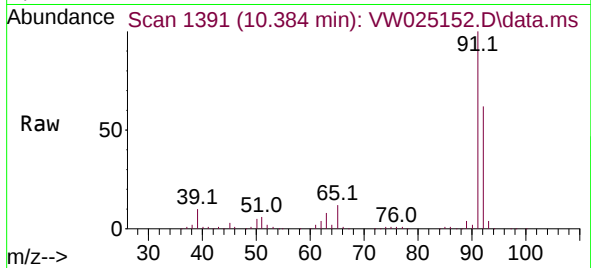




#42
Toluene
Concen: 25.883 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

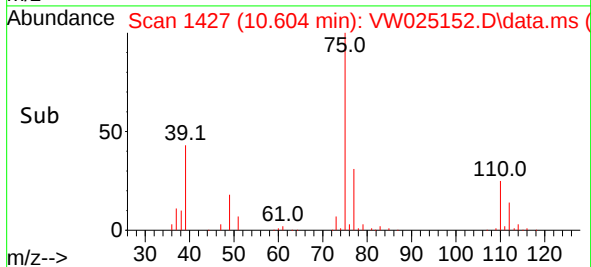
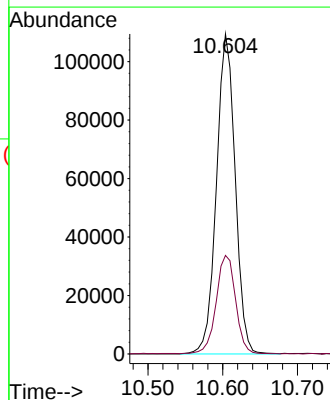
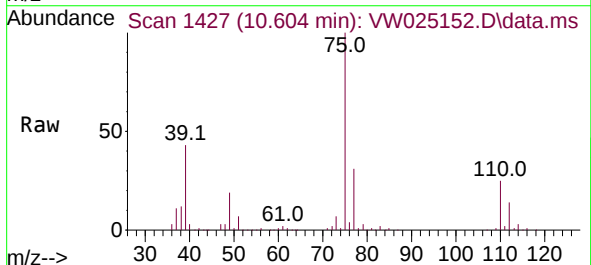
Instrument :
MSVOA_W
ClientSampleId :

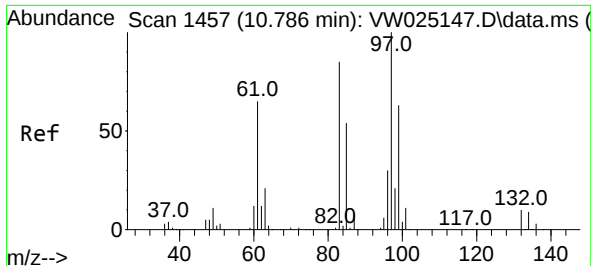
Tgt Ion: 91 Resp: 523575
Ion Ratio Lower Upper
91 100
92 61.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 31.389 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 75 Resp: 191270
Ion Ratio Lower Upper
75 100
77 30.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 32.462 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 107875

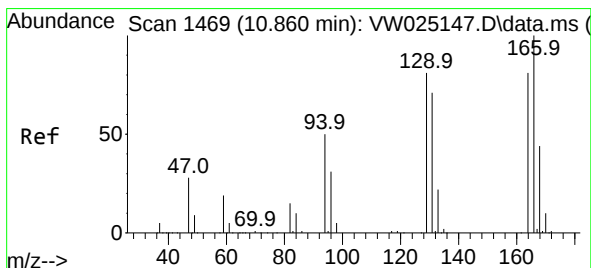
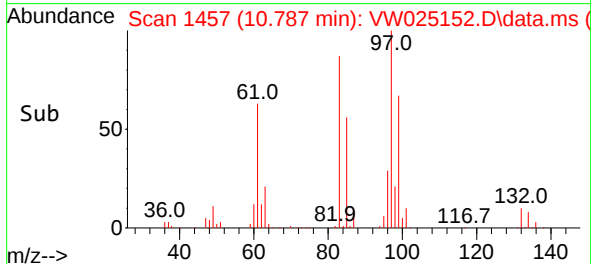
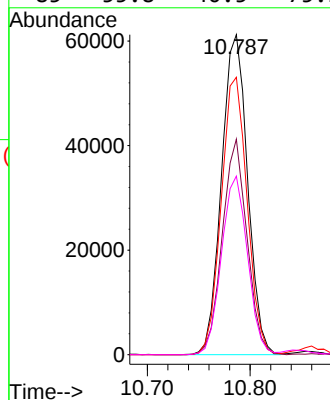
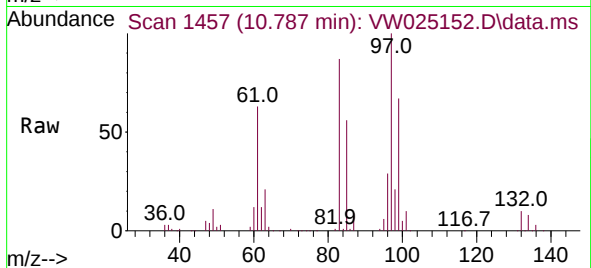
Ion Ratio Lower Upper

97 100

99 67.4 44.3 82.3

83 86.7 61.3 113.9

85 55.8 40.5 75.1



#46

Tetrachloroethene

Concen: 27.942 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Tgt Ion:164 Resp: 102868

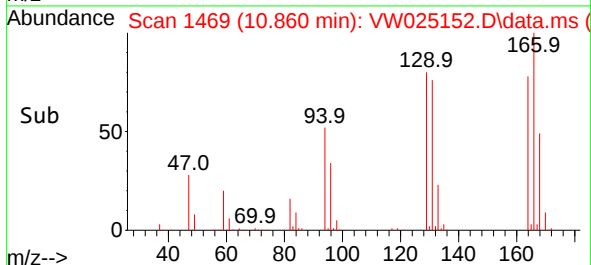
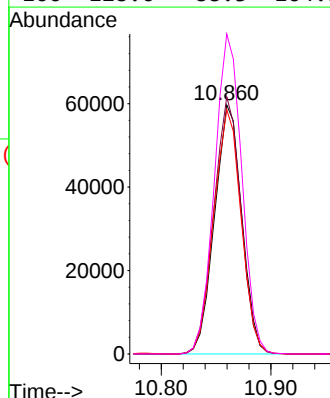
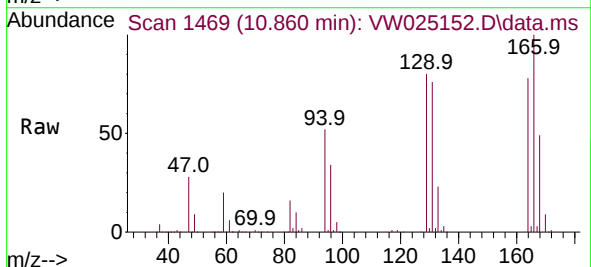
Ion Ratio Lower Upper

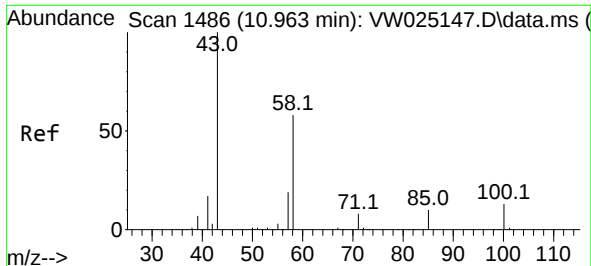
164 100

129 103.3 73.4 136.4

131 98.2 70.8 131.4

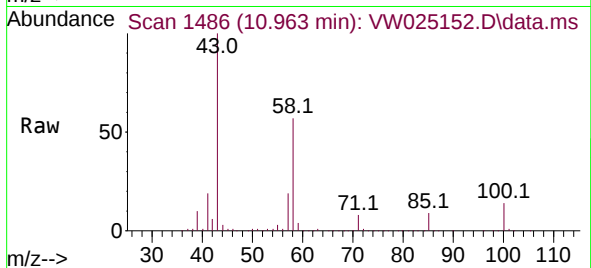
166 128.6 88.3 164.1



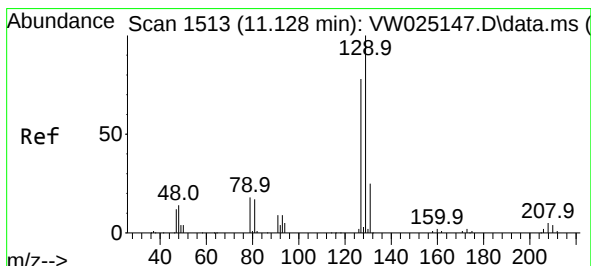
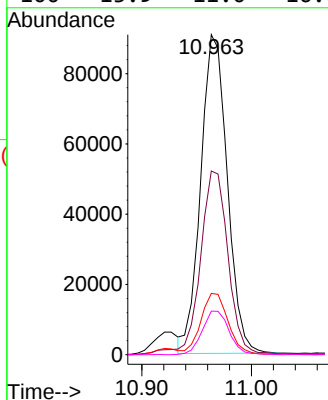
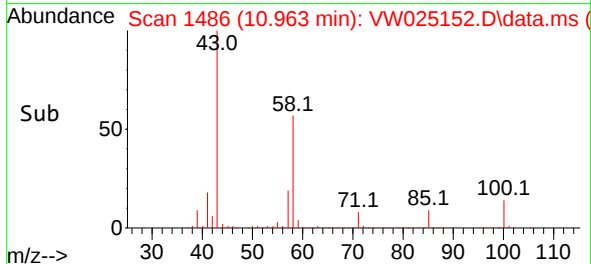


#48
2-Hexanone
Concen: 87.744 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Instrument :
MSVOA_W
ClientSampleId :

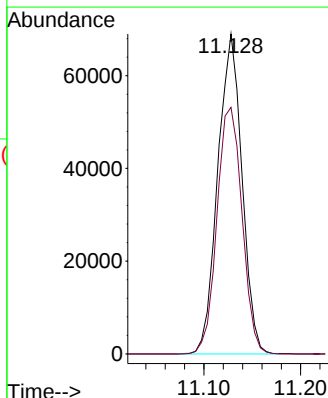
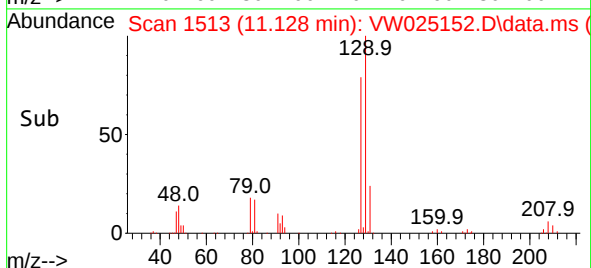
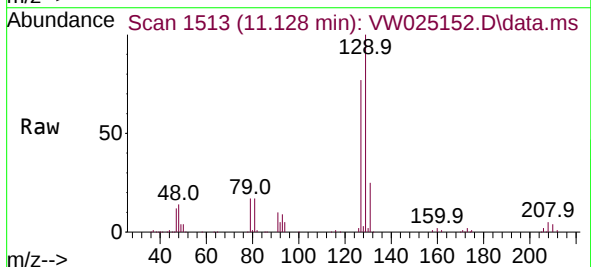


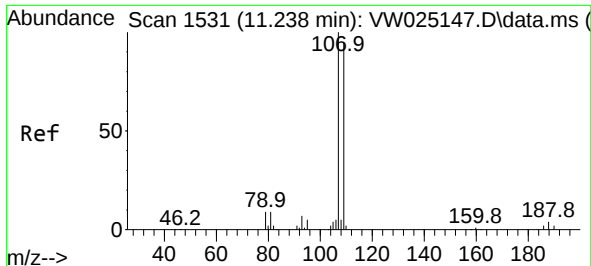
Tgt Ion: 43 Resp: 152990
Ion Ratio Lower Upper
43 100
58 60.1 46.6 69.8
57 19.6 16.7 25.1
100 13.9 11.0 16.6



#49
Dibromochloromethane
Concen: 30.022 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 129 Resp: 119818
Ion Ratio Lower Upper
129 100
127 77.0 49.7 92.3





#50

1,2-Dibromoethane

Concen: 34.177 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

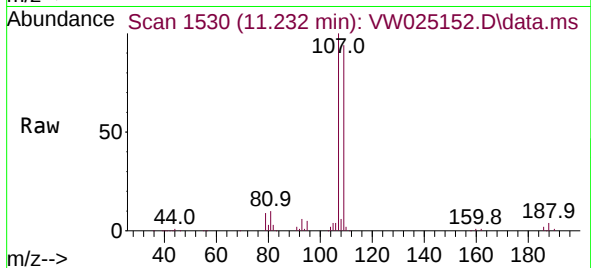
Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :



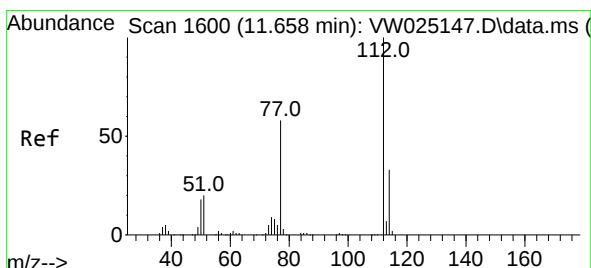
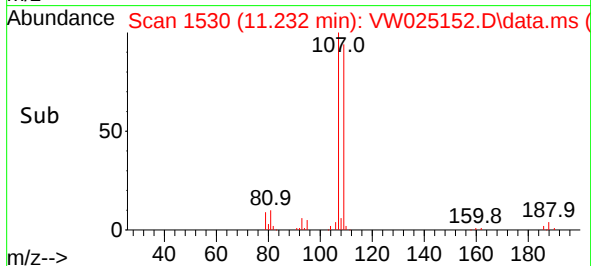
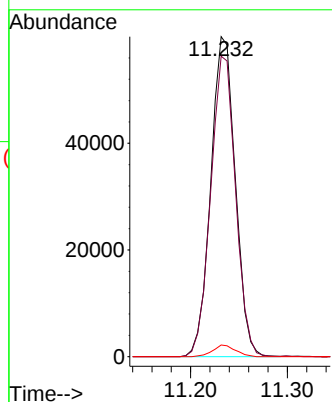
Tgt Ion:107 Resp: 105744

Ion Ratio Lower Upper

107 100

109 93.9 66.8 124.2

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 25.601 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

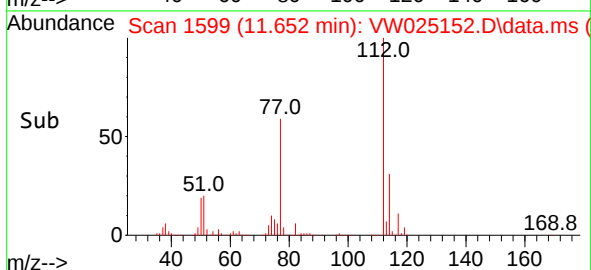
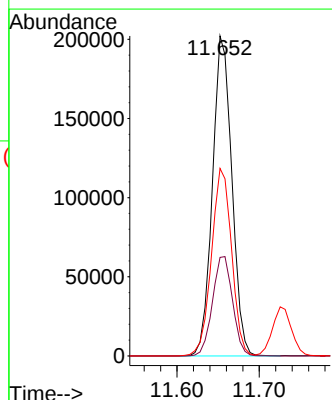
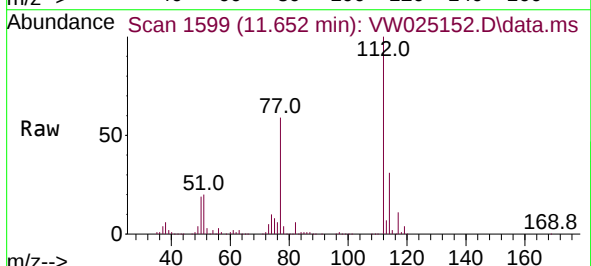
Tgt Ion:112 Resp: 331433

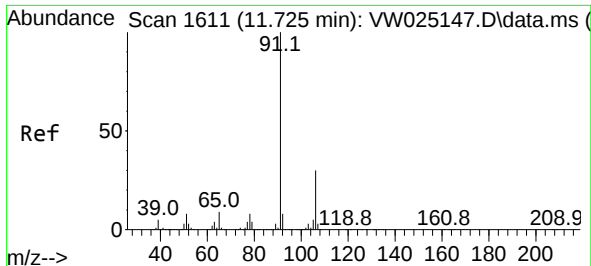
Ion Ratio Lower Upper

112 100

114 30.8 23.2 43.2

77 58.6 47.2 70.8

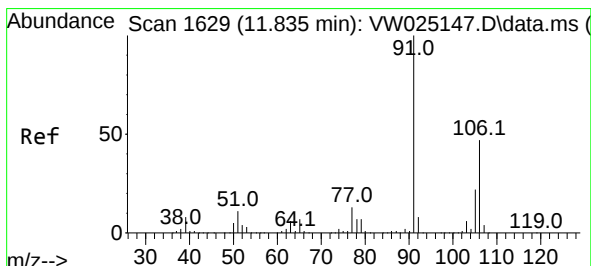
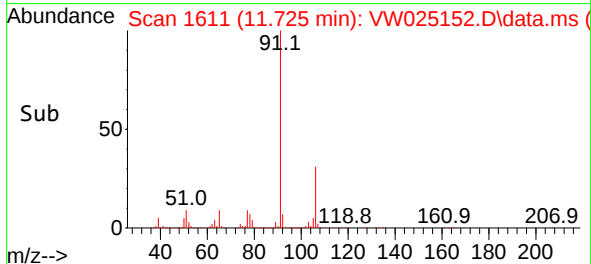
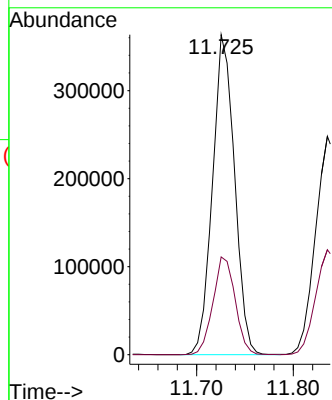
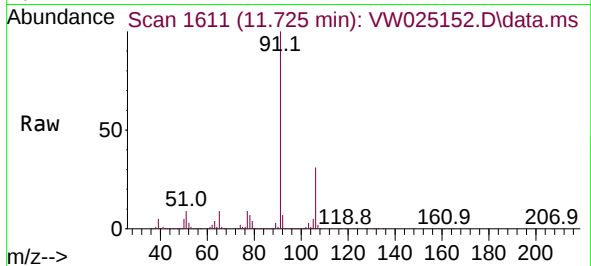




#52
Ethylbenzene
Concen: 25.081 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

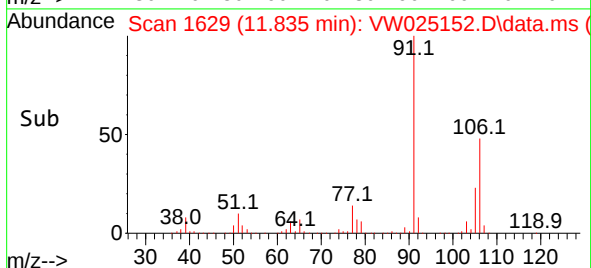
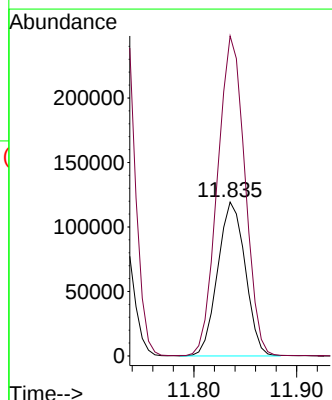
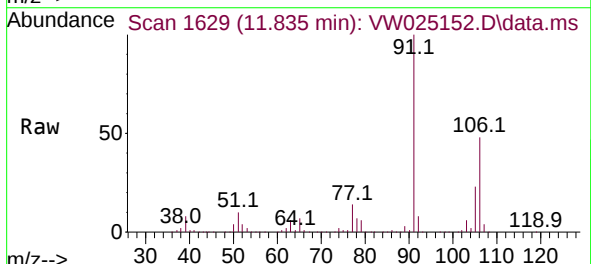
Instrument :
MSVOA_W
ClientSampleId :

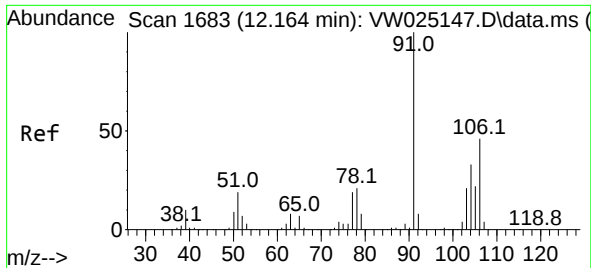
Tgt Ion: 91 Resp: 574951
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 25.383 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion:106 Resp: 222214
Ion Ratio Lower Upper
106 100
91 207.9 139.7 259.4

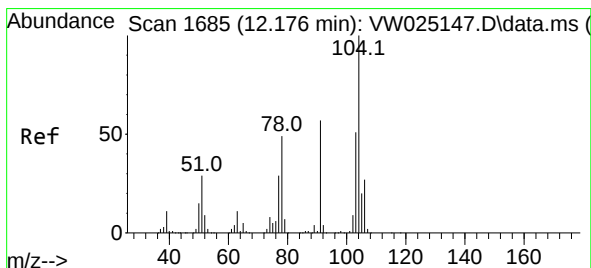
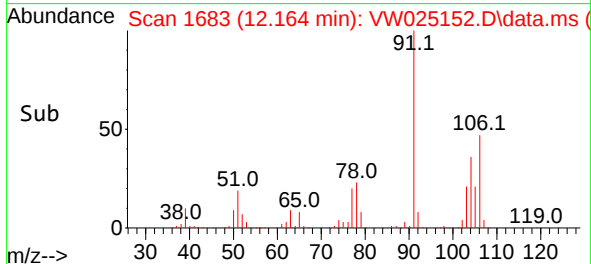
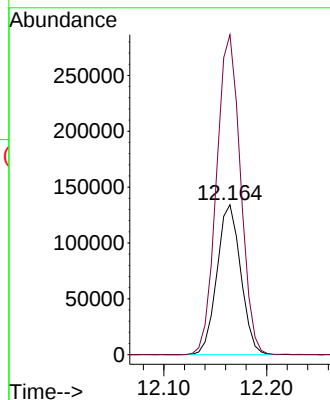
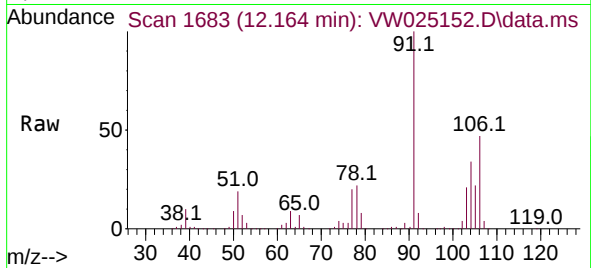




#54
o-Xylene
Concen: 25.838 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

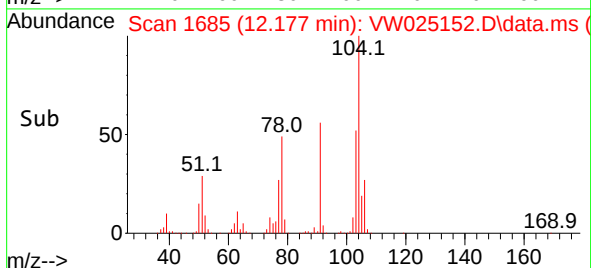
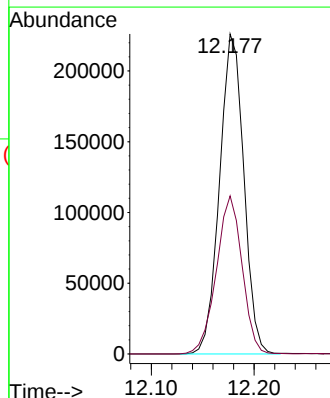
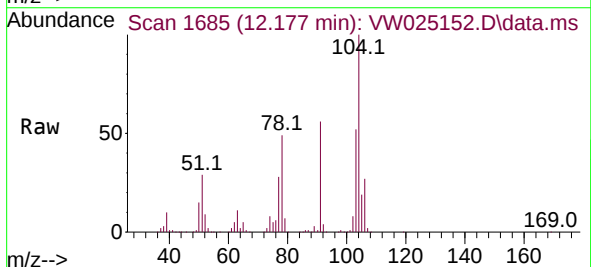
Instrument :
MSVOA_W
ClientSampleId :

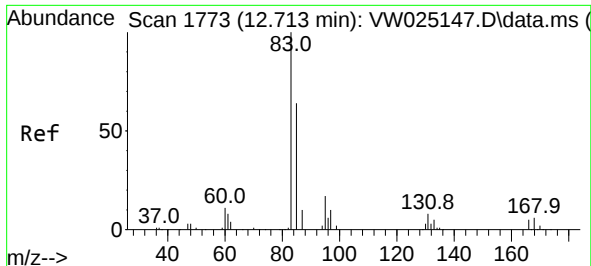
Tgt Ion:106 Resp: 215579
Ion Ratio Lower Upper
106 100
91 213.3 148.8 276.4



#55
Styrene
Concen: 26.188 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion:104 Resp: 370022
Ion Ratio Lower Upper
104 100
78 49.4 34.4 63.8

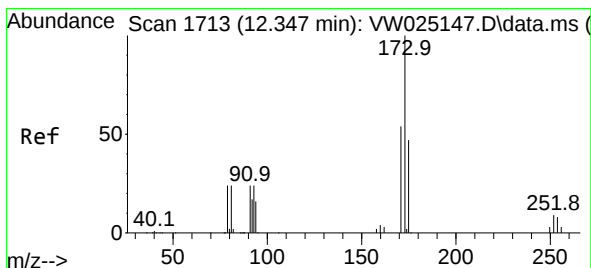
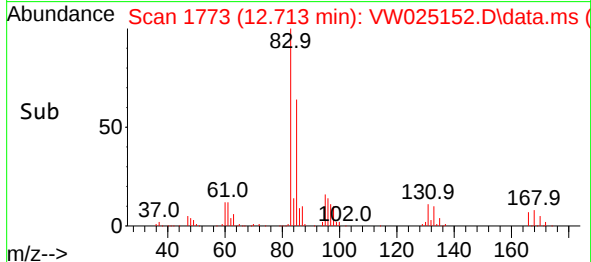
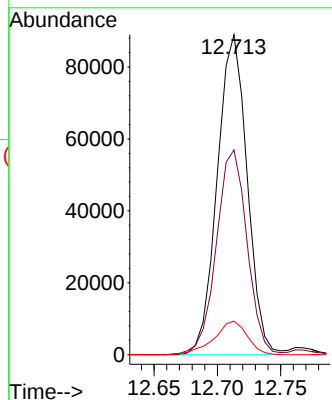
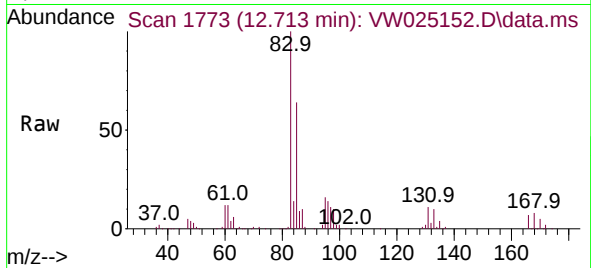




#57
1,1,2,2-Tetrachloroethane
Concen: 37.634 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

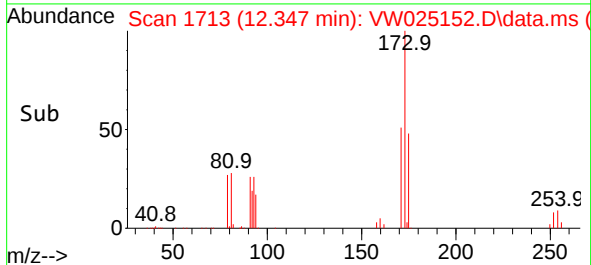
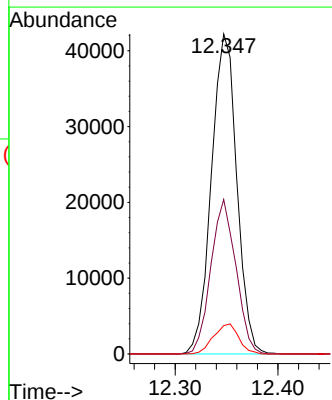
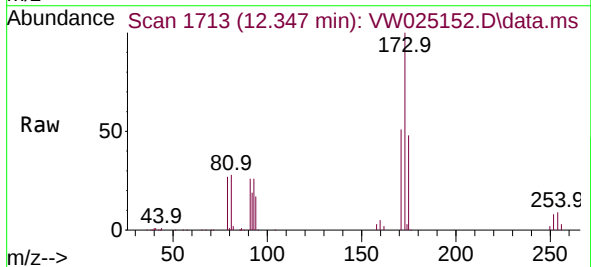
Instrument :
MSVOA_W
ClientSampleId :

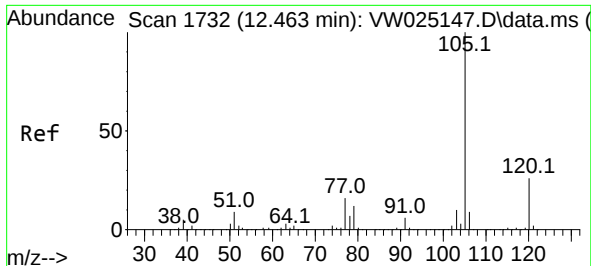
Tgt Ion: 83 Resp: 146257
Ion Ratio Lower Upper
83 100
85 64.0 46.8 87.0
131 10.5 8.2 12.2



#59
Bromoform
Concen: 35.198 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion:173 Resp: 72336
Ion Ratio Lower Upper
173 100
175 47.6 37.4 56.0
254 9.3 6.8 10.2

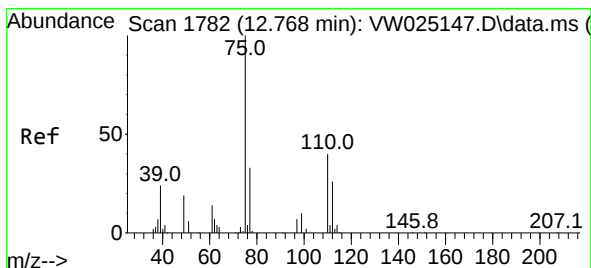
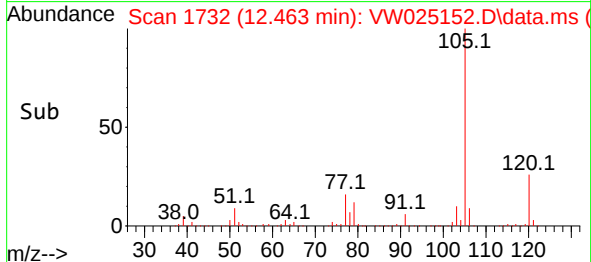
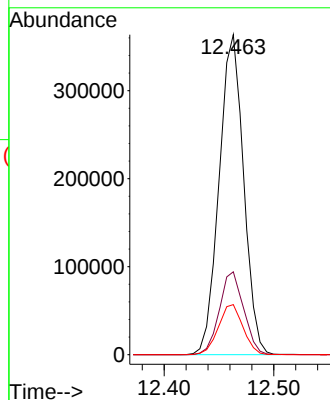
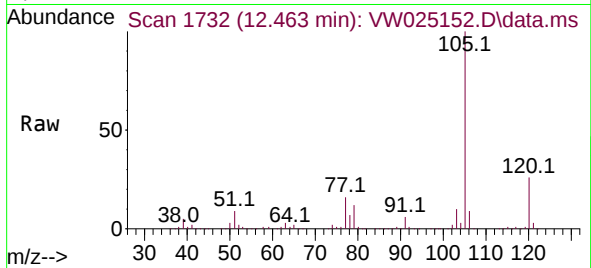




#60
Isopropylbenzene
Concen: 24.616 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

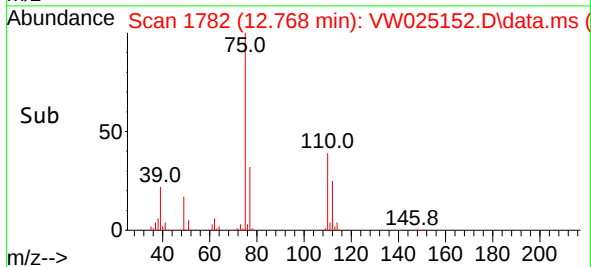
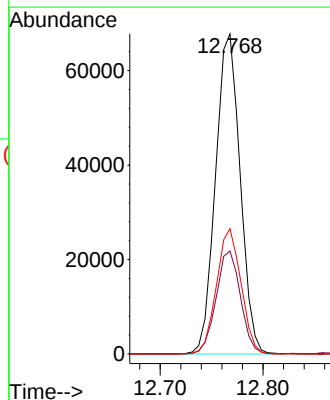
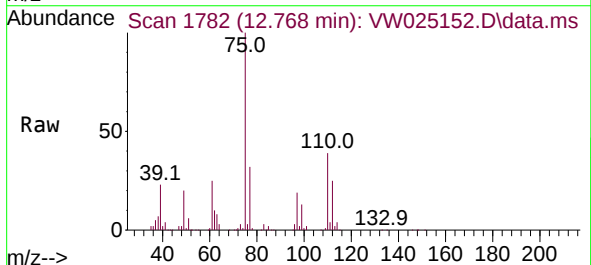
Instrument :
MSVOA_W
ClientSampleId :

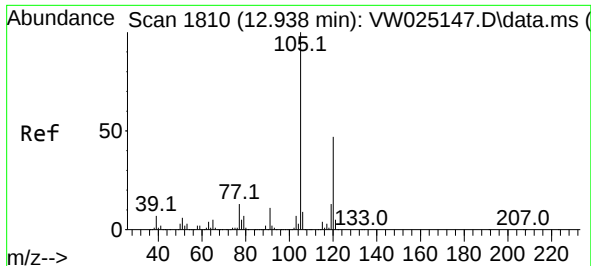
Tgt Ion:105 Resp: 564674
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 39.172 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion: 75 Resp: 112680
Ion Ratio Lower Upper
75 100
77 31.9 26.6 40.0
110 38.9 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 24.414 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

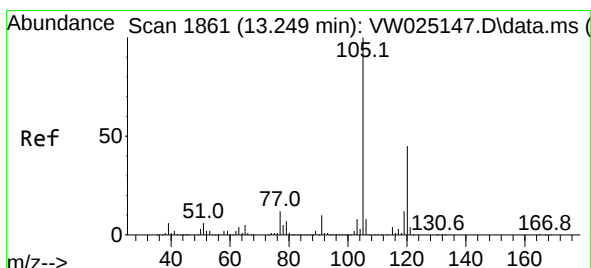
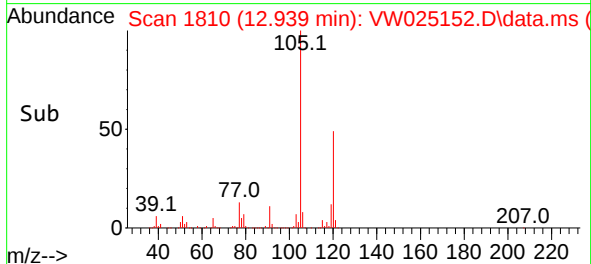
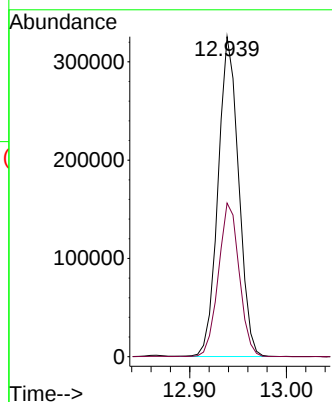
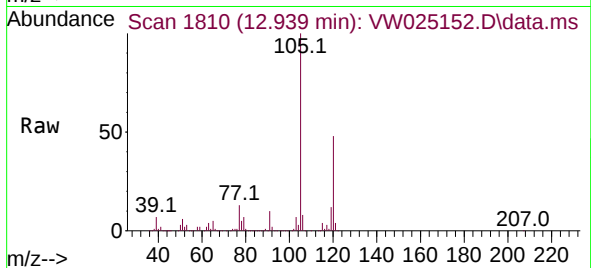
ClientSampleId :

Tgt Ion:105 Resp: 479708

Ion Ratio Lower Upper

105 100

120 48.4 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 24.950 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW025152.D

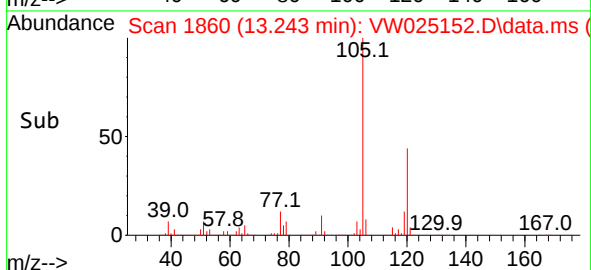
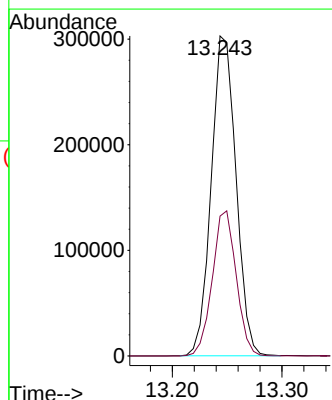
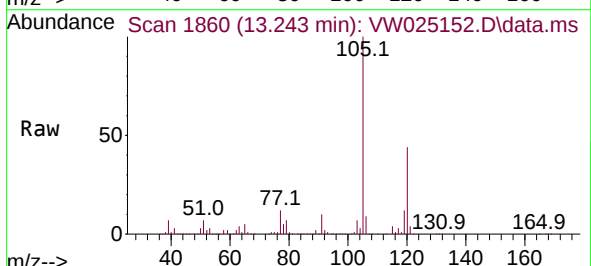
Acq: 22 Dec 2022 12:54

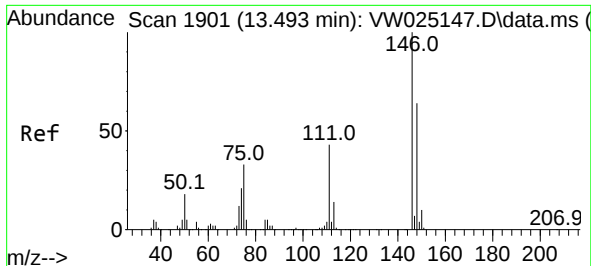
Tgt Ion:105 Resp: 476275

Ion Ratio Lower Upper

105 100

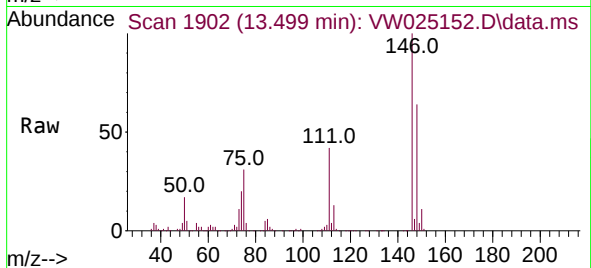
120 43.7 36.1 54.1



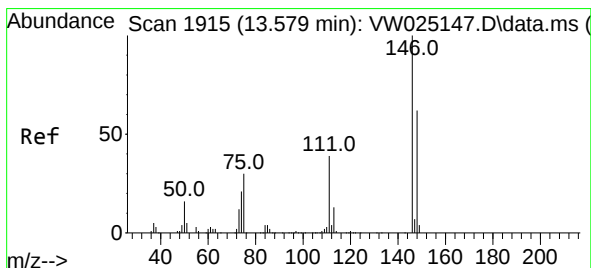
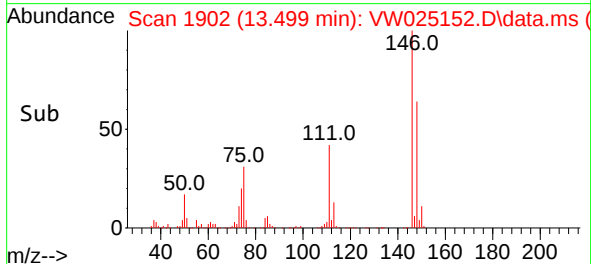
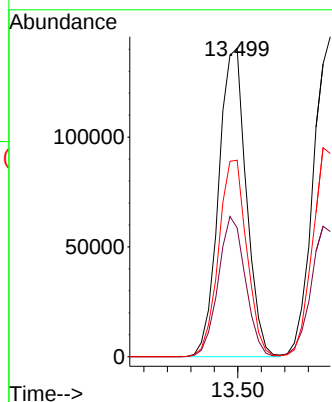


#64
1,3-Dichlorobenzene
Concen: 24.475 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Instrument :
MSVOA_W
ClientSampleId :

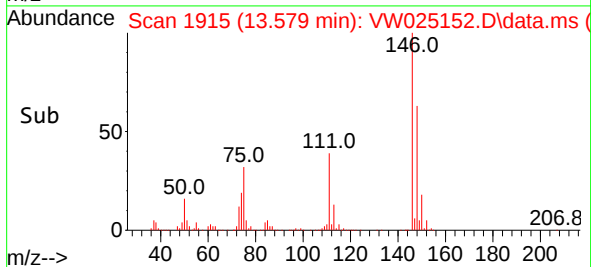
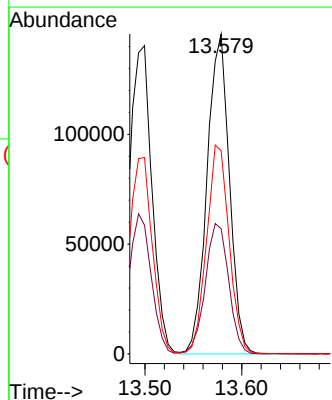
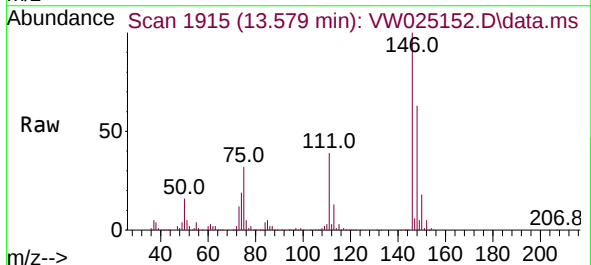


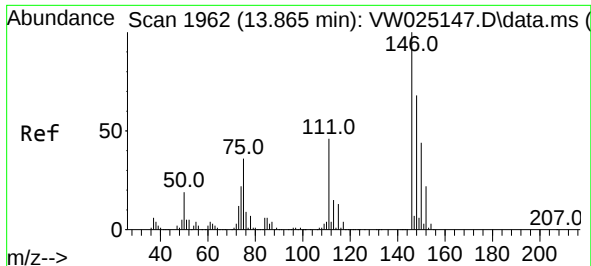
Tgt Ion:146 Resp: 229847
Ion Ratio Lower Upper
146 100
111 41.8 30.2 56.0
148 63.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 24.792 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025152.D
Acq: 22 Dec 2022 12:54

Tgt Ion:146 Resp: 234466
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 63.5 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 27.365 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

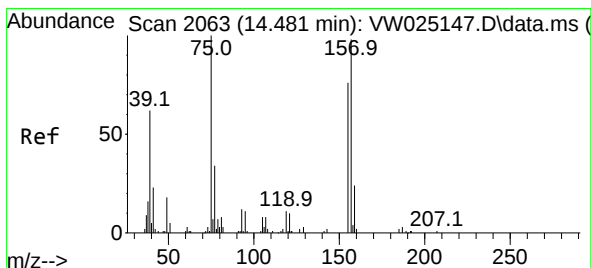
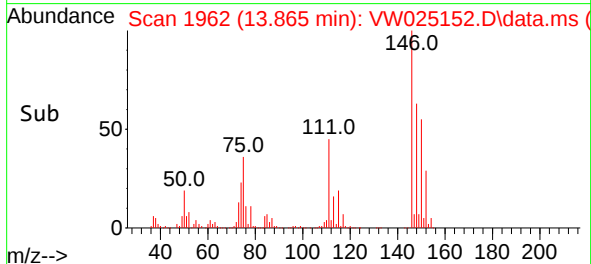
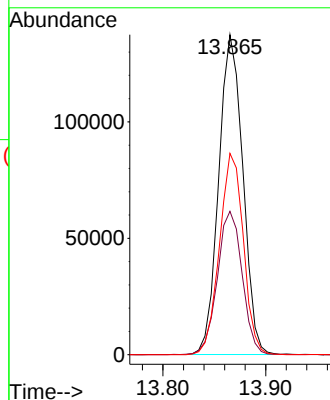
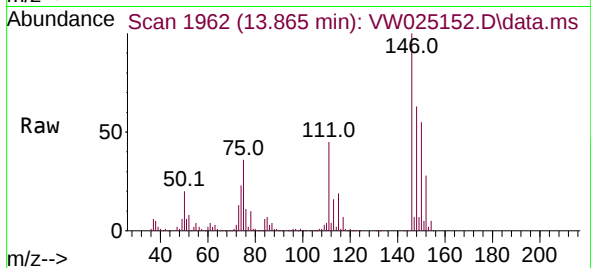
Tgt Ion:146 Resp: 224120

Ion Ratio Lower Upper

146 100

111 44.8 34.3 51.5

148 62.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 37.008 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

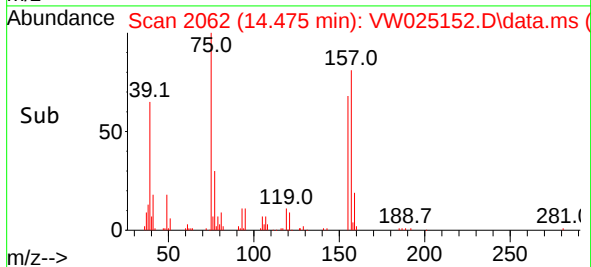
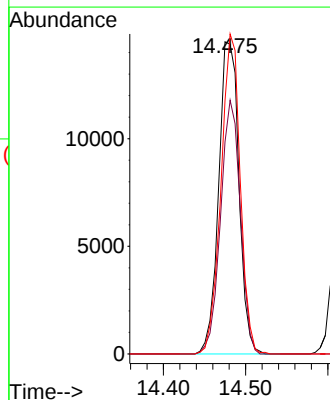
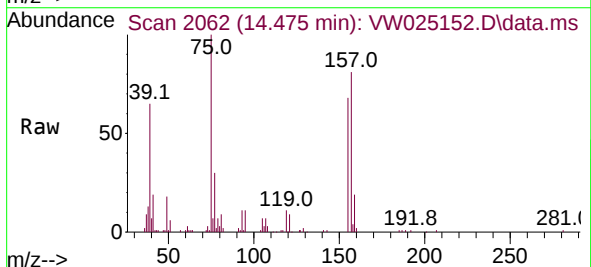
Tgt Ion: 75 Resp: 24820

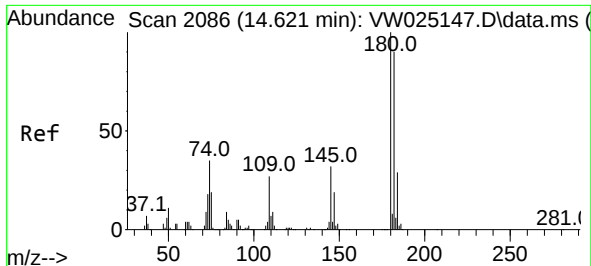
Ion Ratio Lower Upper

75 100

155 67.9 60.3 90.5

157 81.1 84.9 127.3#





#69

1,3,5-Trichlorobenzene

Concen: 17.600 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

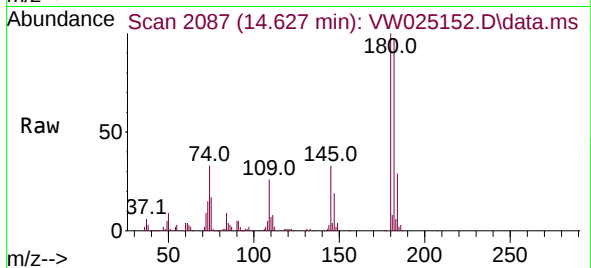
Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 117363

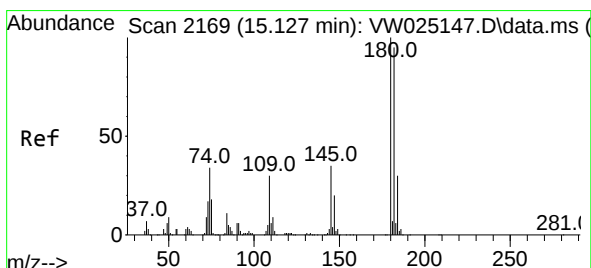
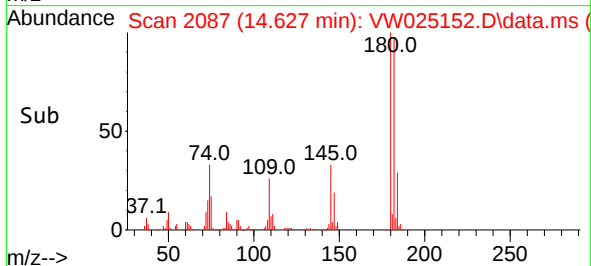
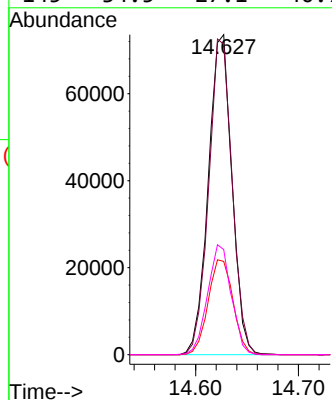
Ion Ratio Lower Upper

180 100

182 97.6 77.8 116.6

184 31.2 24.3 36.5

145 34.5 27.1 40.7



#70

1,2,4-trichlorobenzene

Concen: 19.415 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

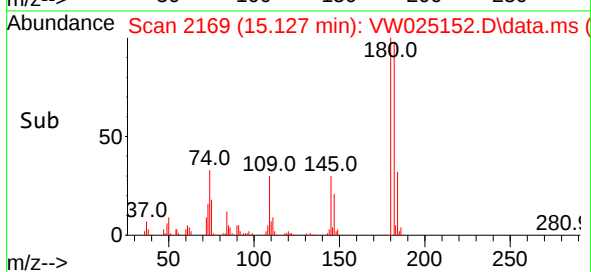
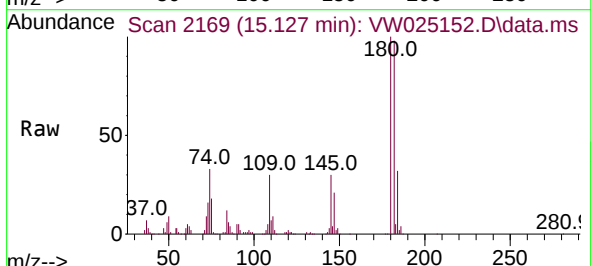
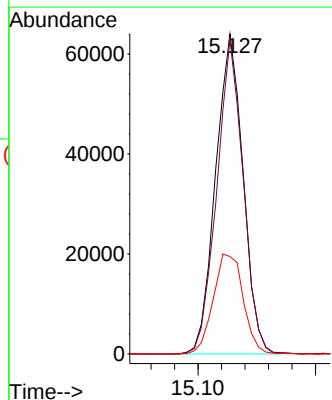
Tgt Ion:180 Resp: 103878

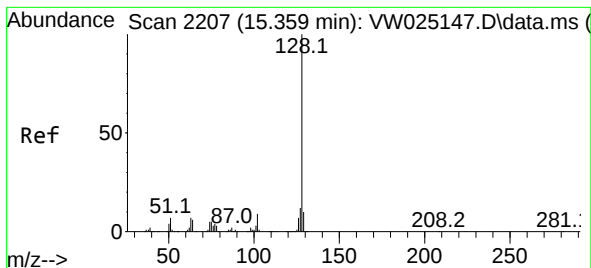
Ion Ratio Lower Upper

180 100

182 94.1 77.2 115.8

145 34.1 26.9 40.3





#71

Naphthalene

Concen: 27.852 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

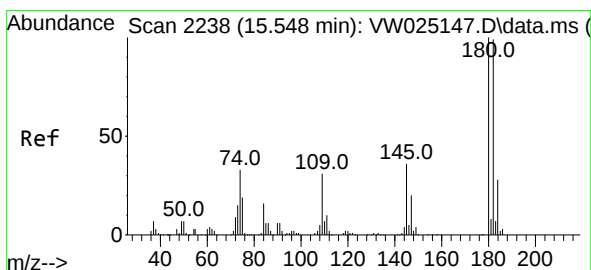
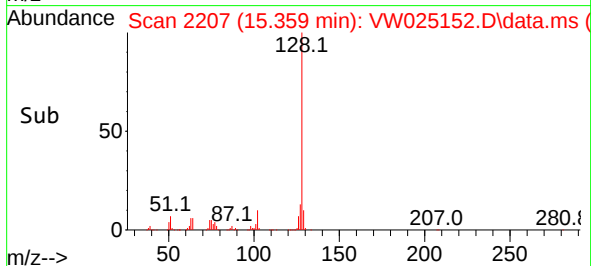
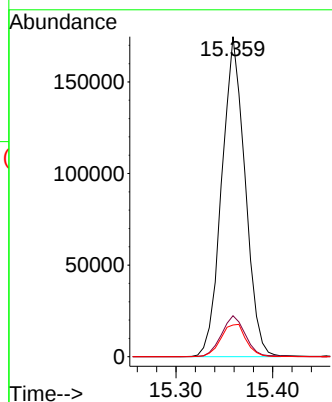
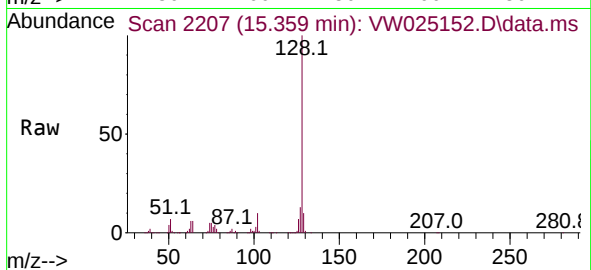
Tgt Ion:128 Resp: 292125

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.134 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW025152.D

Acq: 22 Dec 2022 12:54

Tgt Ion:180 Resp: 108473

Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

145 35.8 29.6 44.4

