

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027963.D
 Acq On : 05 Feb 2024 18:55
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 06 04:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 04:06:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	344057	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	321218	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	164424	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81524	20.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
7) Chloroethane-d5	2.899	69	73828	24.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	4.027	65	38561	22.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.075	46	46868	74.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.700%#
24) Chloroform-d	7.648	84	202401	25.159	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.640%
26) 1,2-Dichloroethane-d4	8.301	65	105839	29.130	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.520%
32) Benzene-d6	8.270	84	402386	23.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.270	67	112655	24.176	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.319	98	386824	23.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	10.575	79	53638	27.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.960%
47) 2-Hexanone-d5	10.922	63	48194	76.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.080%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108105	31.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.160%#
66) 1,2-Dichlorobenzene-d4	13.849	152	142957	25.580	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	65654	22.159	ug/L	98
3) Chloromethane	2.229	50	64705	19.886	ug/L	97
5) Vinyl chloride	2.375	62	84115	19.073	ug/L	99
6) Bromomethane	2.790	94	70241	22.541	ug/L	99
8) Chloroethane	2.936	64	58448	23.456	ug/L	97
9) Trichlorofluoromethane	3.265	101	79628	19.867	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	85934	21.271	ug/L #	82
12) 1,1-Dichloroethene	4.045	96	84024	22.357	ug/L	93
13) Acetone	4.131	43	39790	65.353	ug/L	94
14) Carbon disulfide	4.393	76	219135	19.695	ug/L	99
15) Methyl Acetate	4.679	43	34462	34.000	ug/L	99
16) Methylene chloride	4.923	84	100910	23.465	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	94960	23.518	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	143655	30.011	ug/L	99
19) 1,1-Dichloroethane	6.216	63	159011	24.241	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	105860	24.827	ug/L	93
22) 2-Butanone	7.173	43	51289	72.977	ug/L	96
23) Bromochloromethane	7.508	128	51399	27.138	ug/L	89
25) Chloroform	7.673	83	180715	25.627	ug/L	96

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 Response via : Initial Calibration

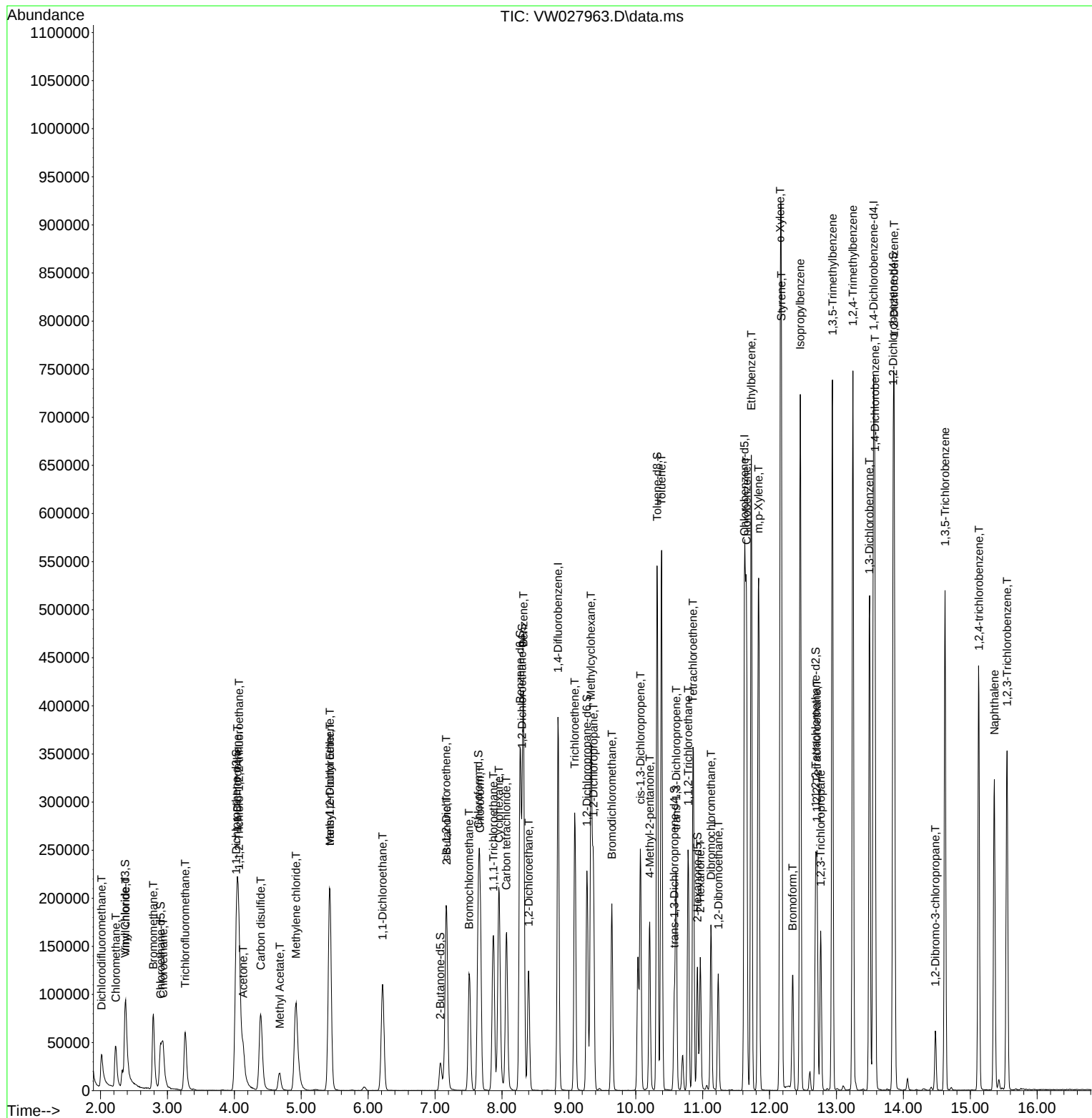
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114948	29.271	ug/L	96
29) Cyclohexane	7.953	56	125029	21.838	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	143977	23.219	ug/L	99
31) Carbon tetrachloride	8.063	117	134724	23.485	ug/L	99
33) Benzene	8.319	78	371494	23.155	ug/L	100
34) Trichloroethene	9.087	95	105836	22.979	ug/L	99
35) Methylcyclohexane	9.331	83	168262	22.201	ug/L	99
37) 1,2-Dichloropropane	9.368	63	91465	24.261	ug/L	100
38) Bromodichloromethane	9.642	83	131429	26.117	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	158791	26.278	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	102764	72.218	ug/L	99
42) Toluene	10.386	91	420547	23.379	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	133768	27.891	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	83134	27.859	ug/L	98
46) Tetrachloroethene	10.855	164	85986	22.188	ug/L	95
48) 2-Hexanone	10.965	43	77310	71.730	ug/L	99
49) Dibromochloromethane	11.123	129	93269	27.416	ug/L	94
50) 1,2-Dibromoethane	11.233	107	82017	29.446	ug/L	91
51) Chlorobenzene	11.654	112	287409	24.023	ug/L	98
52) Ethylbenzene	11.727	91	482505	23.791	ug/L	98
53) m,p-Xylene	11.837	106	183663	23.091	ug/L	94
54) o-Xylene	12.160	106	182400	24.451	ug/L	94
55) Styrene	12.178	104	316234	25.451	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	99039	30.993	ug/L	97
59) Bromoform	12.343	173	58380	30.082	ug/L #	38
60) Isopropylbenzene	12.459	105	495570	24.139	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69013	31.450	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	413107	25.145	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	411088	25.571	ug/L	99
64) 1,3-Dichlorobenzene	13.489	146	222494	23.592	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	235136	24.522	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	209262	25.122	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	15570	35.738	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	166176	24.538	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	141915	25.950	ug/L	97
71) Naphthalene	15.360	128	288906	33.996	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	128215	28.101	ug/L	96

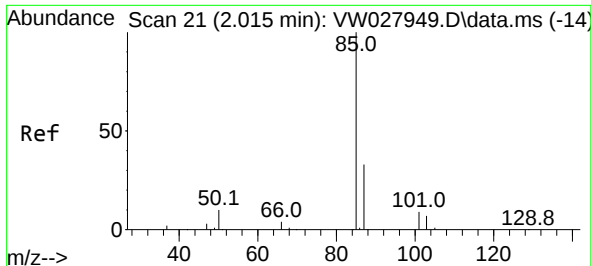
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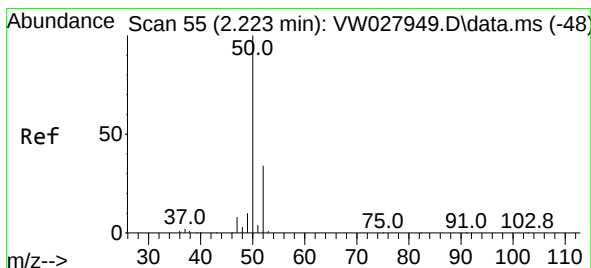
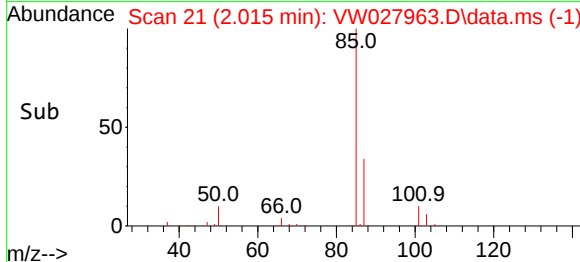
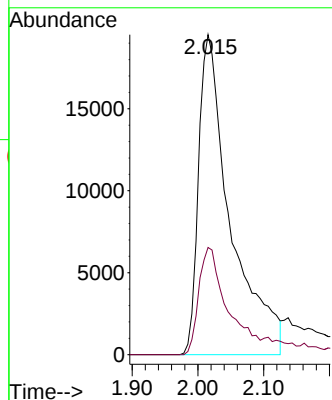
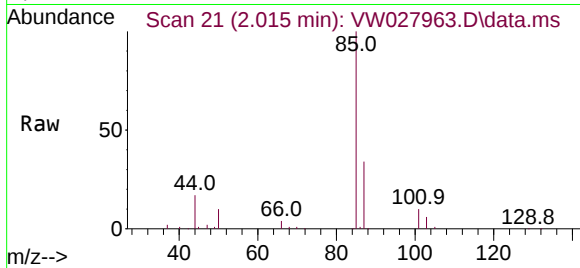




#2
 Dichlorodifluoromethane
 Concen: 22.159 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027963.D
 Acq: 05 Feb 2024 18:55

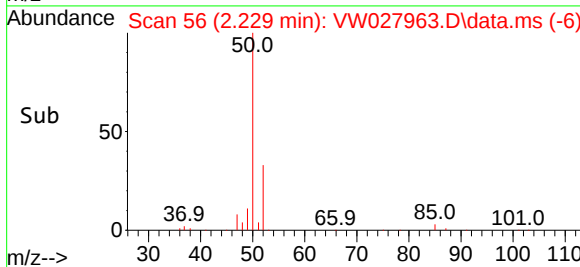
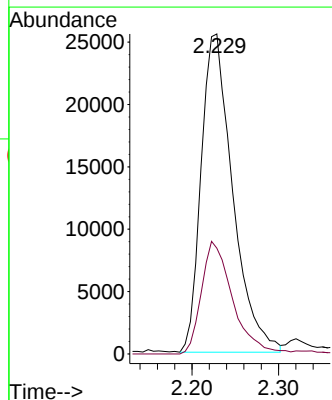
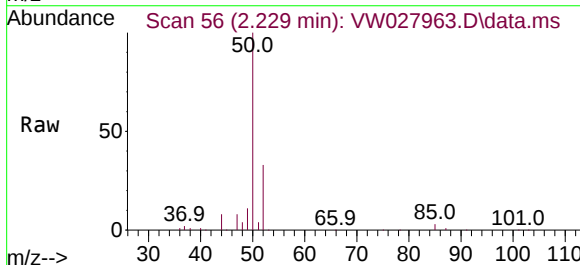
Instrument :
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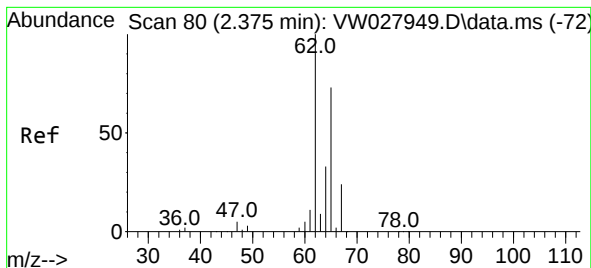
Tgt Ion: 85 Resp: 65654
 Ion Ratio Lower Upper
 85 100
 87 30.3 25.3 37.9



#3
 Chloromethane
 Concen: 19.886 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027963.D
 Acq: 05 Feb 2024 18:55

Tgt Ion: 50 Resp: 64705
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.3 45.1





#5

Vinyl chloride

Concen: 19.073 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

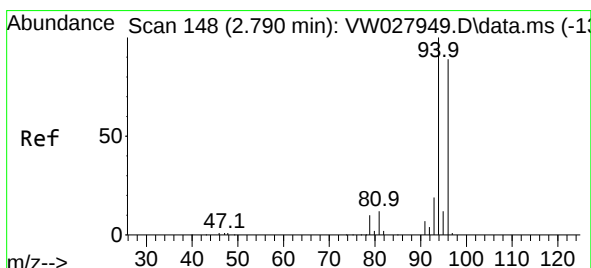
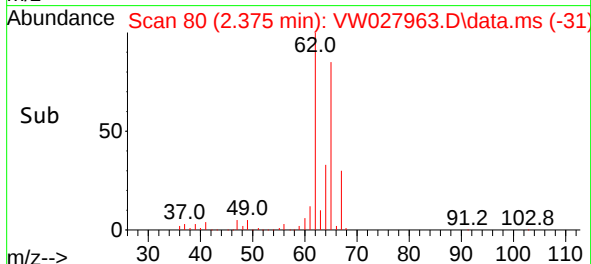
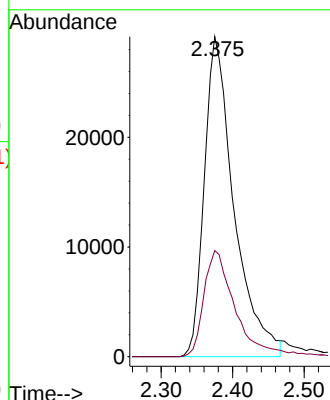
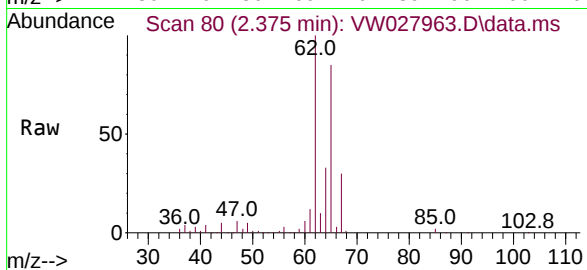
ClientSampleId :

Tgt Ion: 62 Resp: 84115

Ion Ratio Lower Upper

62 100

64 33.2 23.0 42.6



#6

Bromomethane

Concen: 22.541 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW027963.D

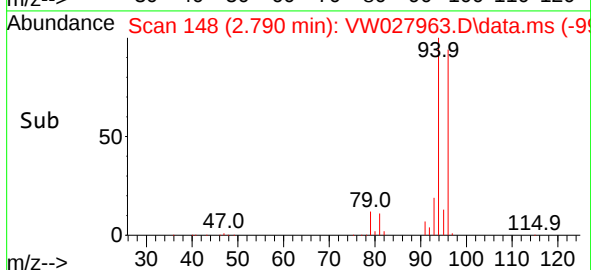
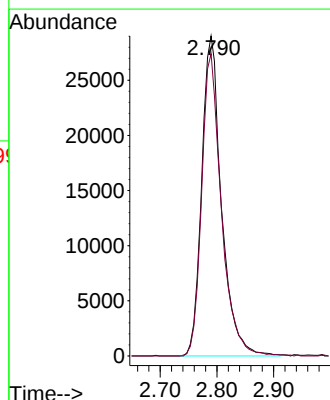
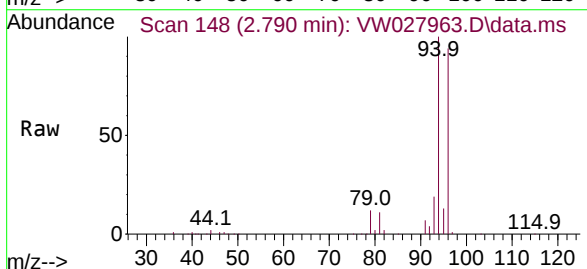
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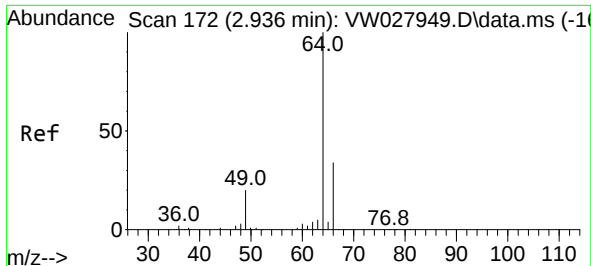
Tgt Ion: 94 Resp: 70241

Ion Ratio Lower Upper

94 100

96 94.4 65.3 121.3

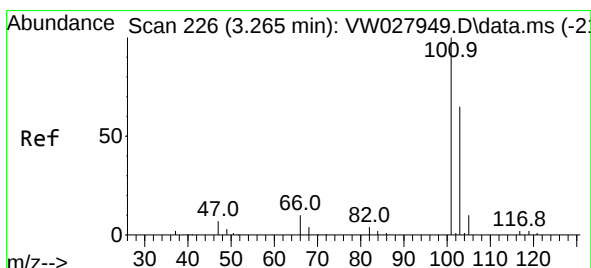
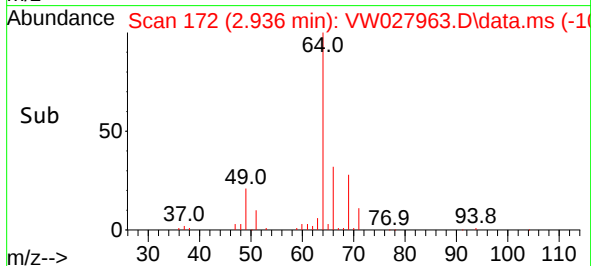
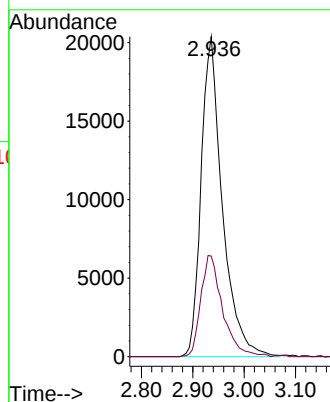
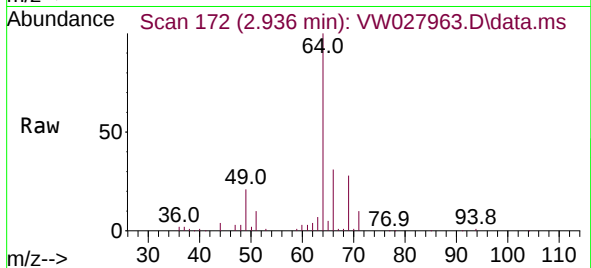




#8
Chloroethane
Concen: 23.456 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

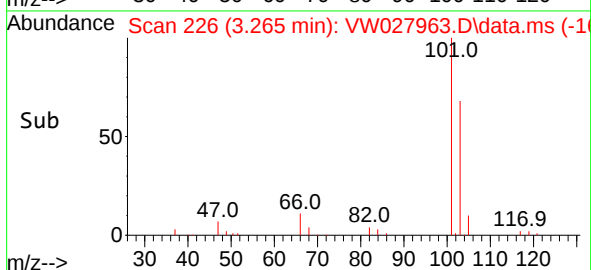
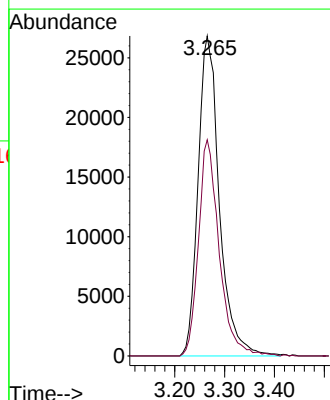
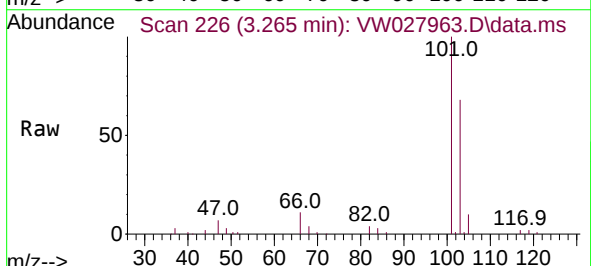
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MSVOA_W
ClientSampleId :

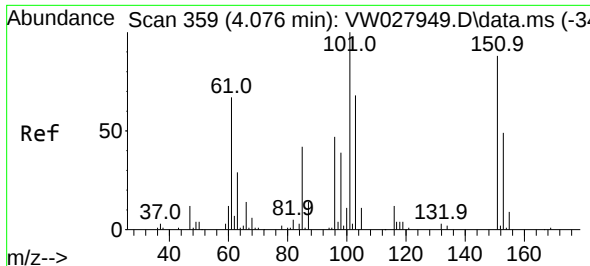
Tgt Ion: 64 Resp: 58448
Ion Ratio Lower Upper
64 100
66 31.5 20.9 38.7



#9
Trichlorofluoromethane
Concen: 19.867 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion:101 Resp: 79628
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

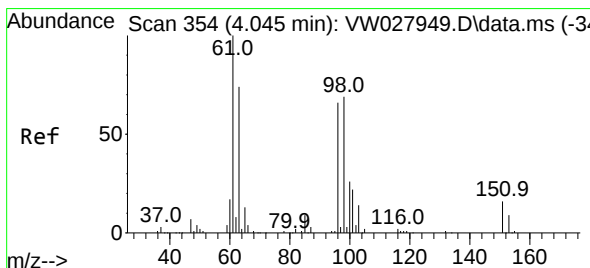
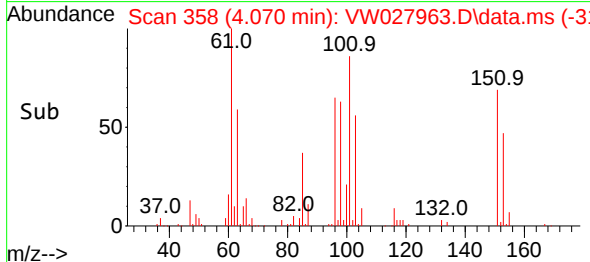
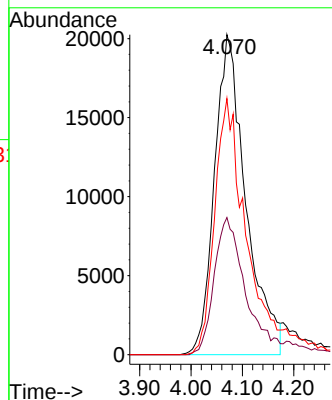
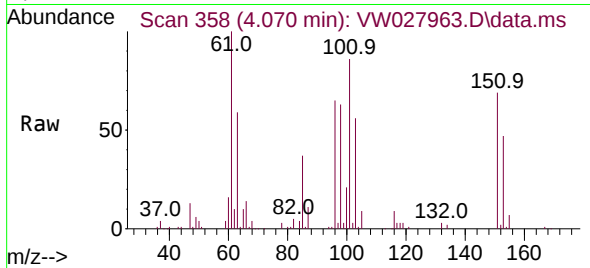




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.271 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027963.D
 Acq: 05 Feb 2024 18:55

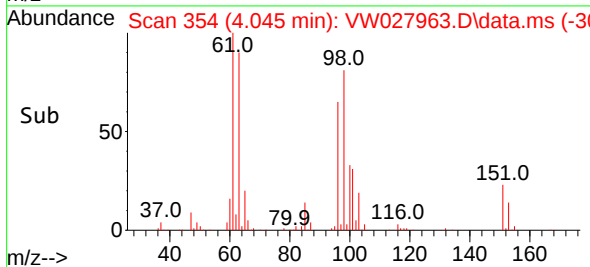
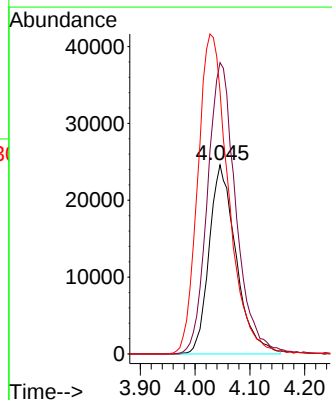
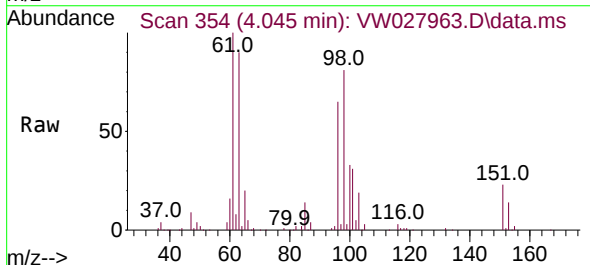
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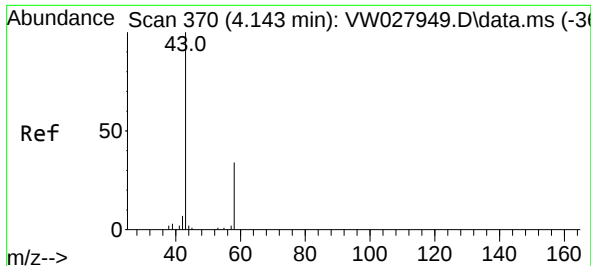
Tgt Ion:101 Resp: 85934
 Ion Ratio Lower Upper
 101 100
 85 40.3 33.8 50.6
 151 55.2 62.6 93.8#



#12
 1,1-Dichloroethene
 Concen: 22.357 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027963.D
 Acq: 05 Feb 2024 18:55

Tgt Ion: 96 Resp: 84024
 Ion Ratio Lower Upper
 96 100
 61 154.2 107.4 199.4
 63 139.0 86.0 159.6

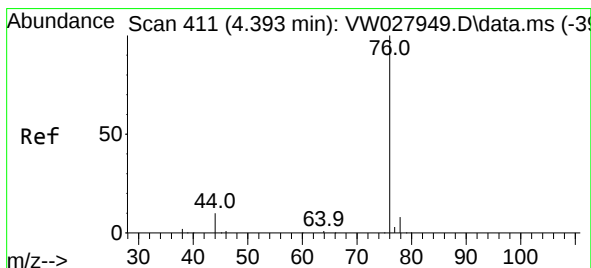
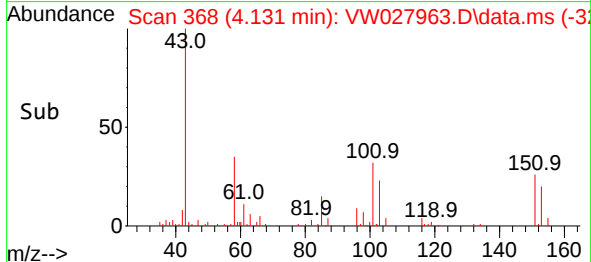
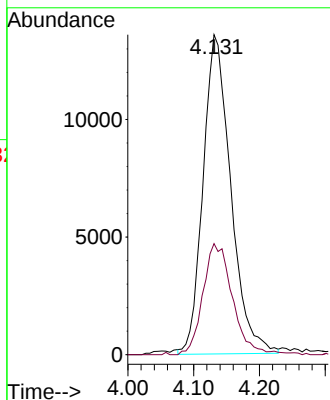
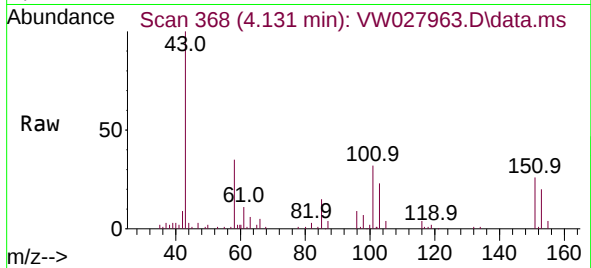




#13
Acetone
Concen: 65.353 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.012 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

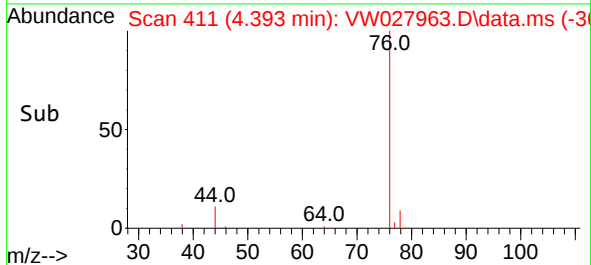
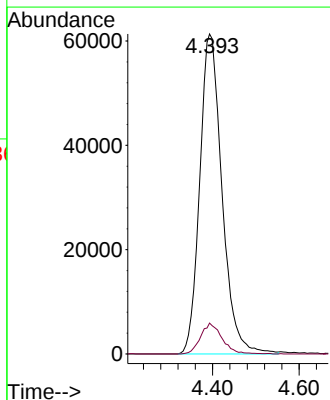
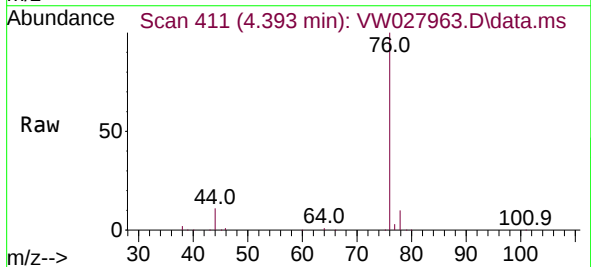
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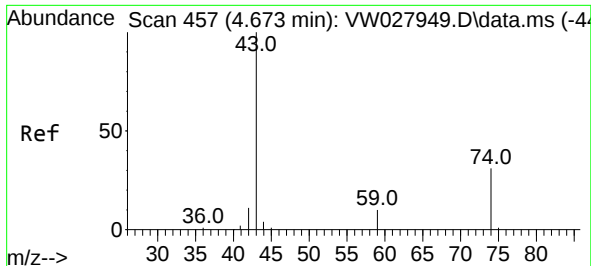
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Ion Ratio Lower Upper
43 100
58 36.4 0.0 66.0



#14
Carbon disulfide
Concen: 19.695 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 219135
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

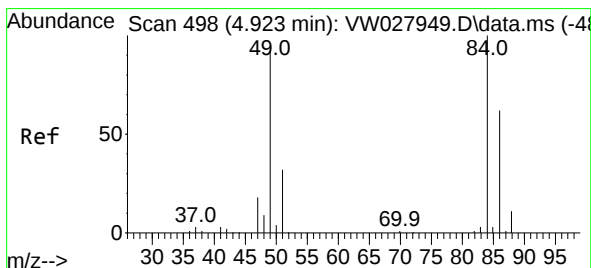
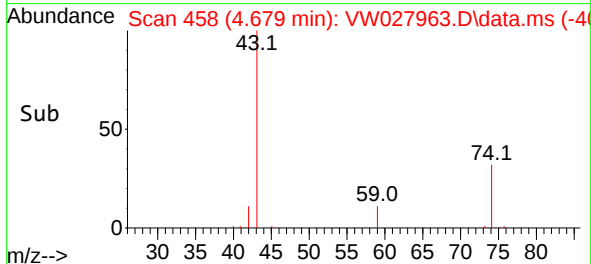
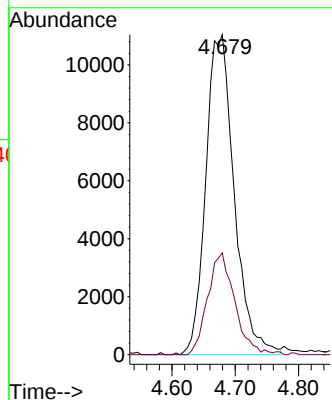
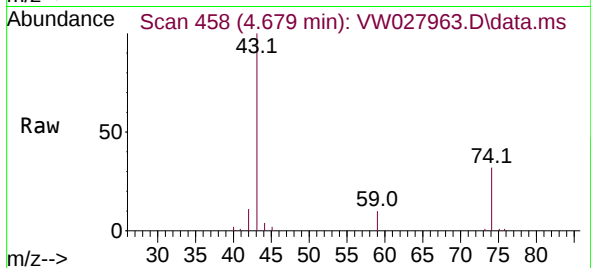




#15
Methyl Acetate
Concen: 34.000 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

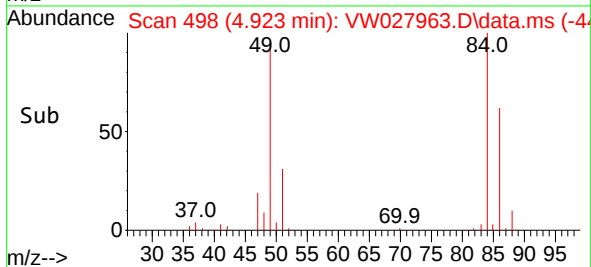
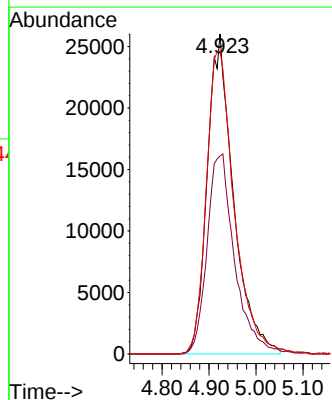
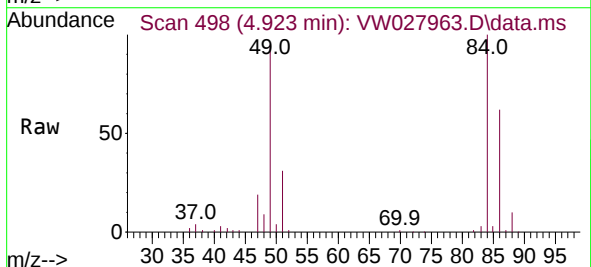
Instrument :
MSVOA_W
ClientSampleId :

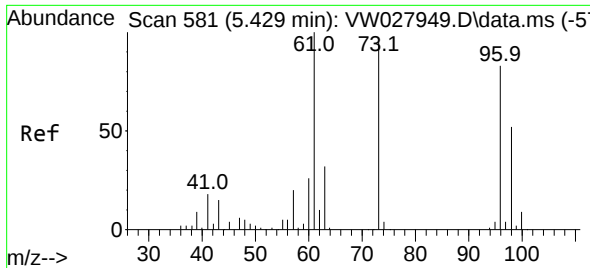
Tgt Ion: 43 Resp: 34462
Ion Ratio Lower Upper
43 100
74 29.8 24.2 36.2



#16
Methylene chloride
Concen: 23.465 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

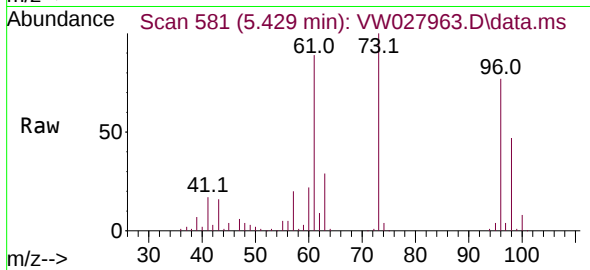
Tgt Ion: 84 Resp: 100910
Ion Ratio Lower Upper
84 100
86 61.9 45.4 84.4
49 94.7 66.3 123.1



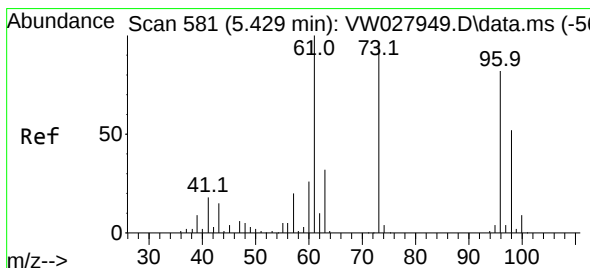
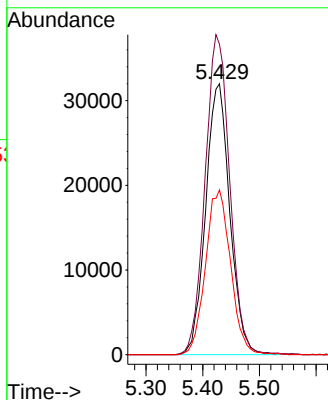
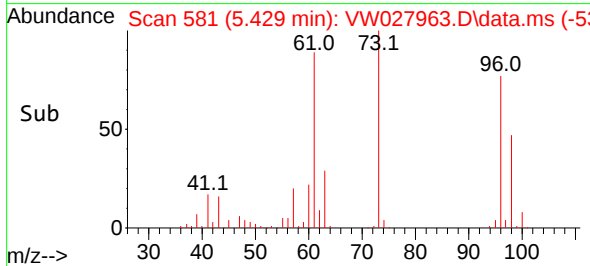


#17
 trans-1,2-Dichloroethene
 Concen: 23.518 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW027963.D
 Acq: 05 Feb 2024 18:55

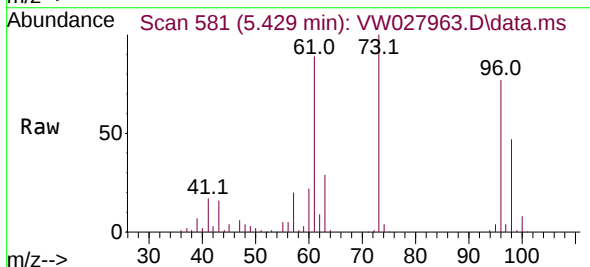
Instrument :
 MSVOA_W
 ClientSampleId :



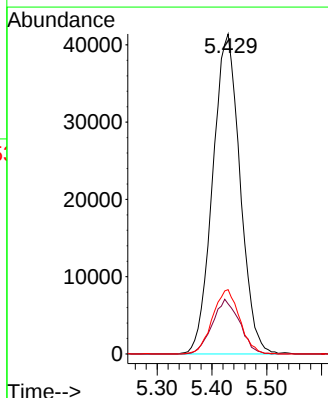
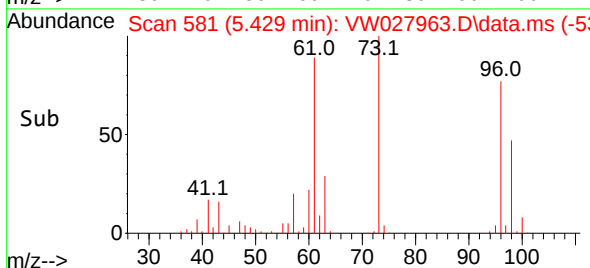
Tgt Ion:	96	Resp:	94960
Ion	Ratio	Lower	Upper
96	100		
61	114.6	80.1	148.7
98	60.9	43.8	81.4

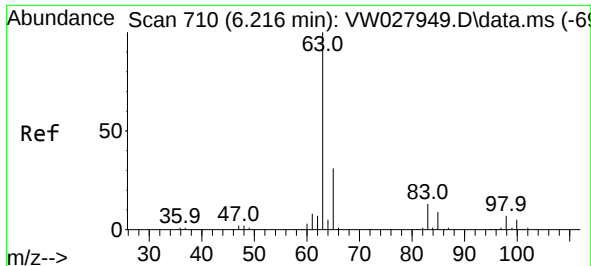


#18
 Methyl tert-butyl Ether
 Concen: 30.011 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW027963.D
 Acq: 05 Feb 2024 18:55



Tgt Ion:	73	Resp:	143655
Ion	Ratio	Lower	Upper
73	100		
43	17.0	13.4	20.0
57	19.9	16.3	24.5

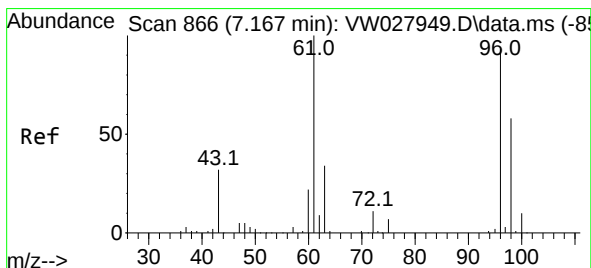
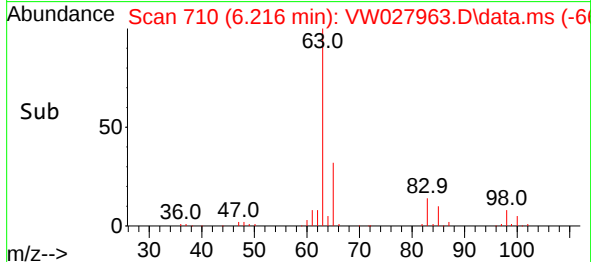
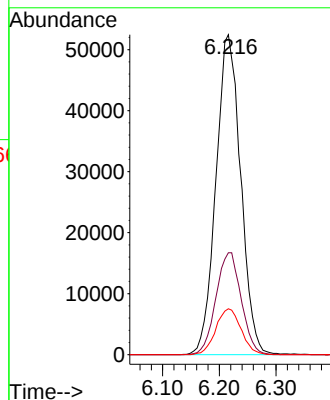
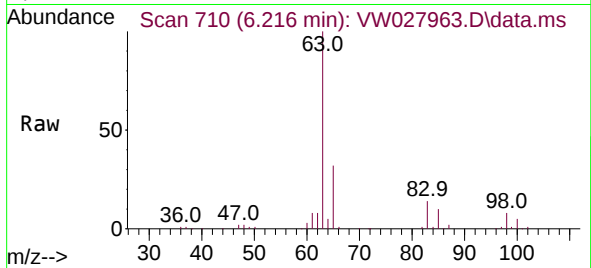




#19
1,1-Dichloroethane
Concen: 24.241 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

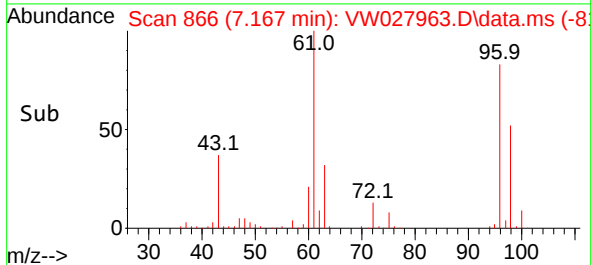
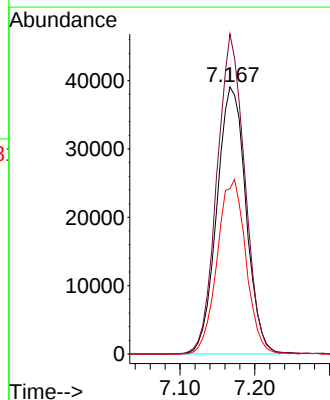
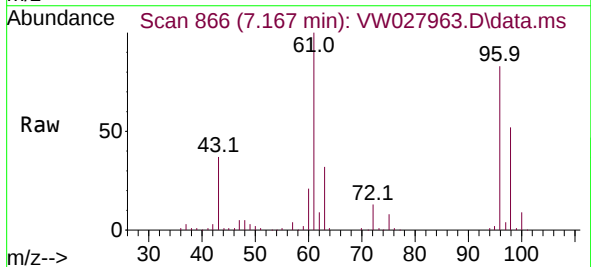
Instrument :
MSVOA_W
ClientSampleId :

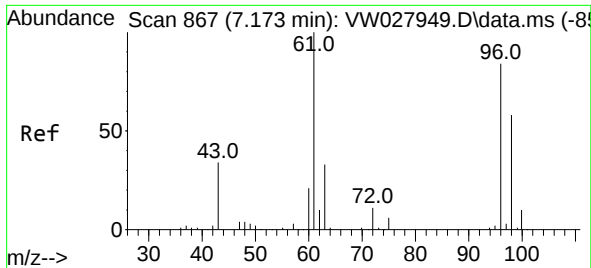
Tgt Ion: 63 Resp: 159011
Ion Ratio Lower Upper
63 100
65 31.9 23.1 42.9
83 14.3 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 24.827 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion: 96 Resp: 105860
Ion Ratio Lower Upper
96 100
61 119.8 76.3 141.7
98 61.9 42.9 79.7

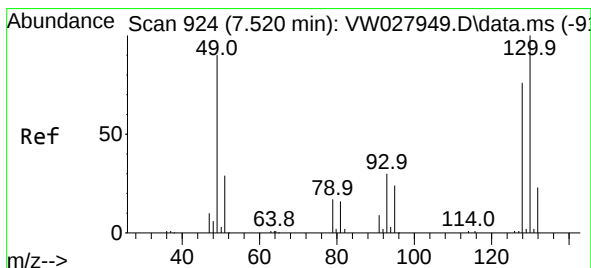
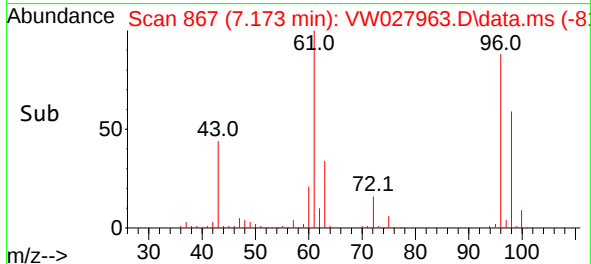
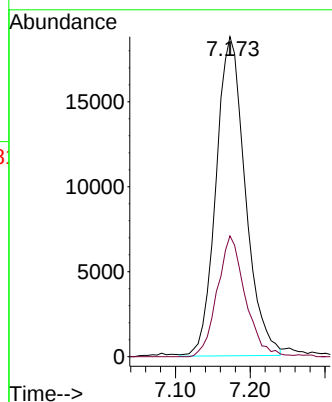
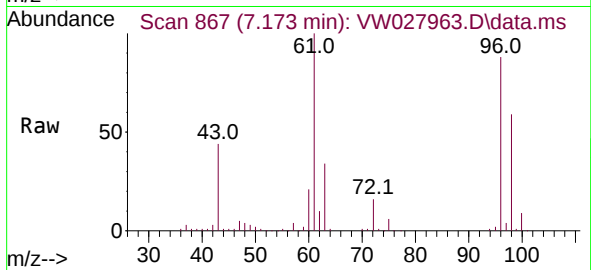




#22
2-Butanone
Concen: 72.977 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

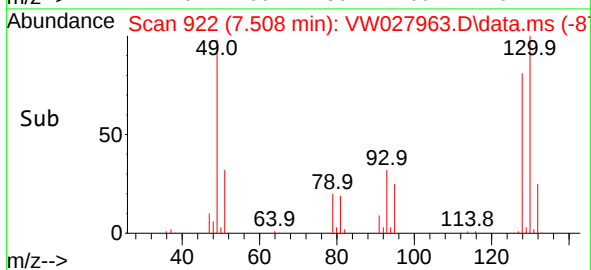
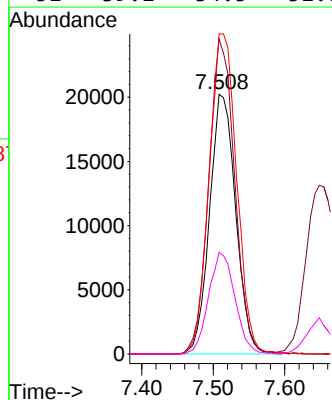
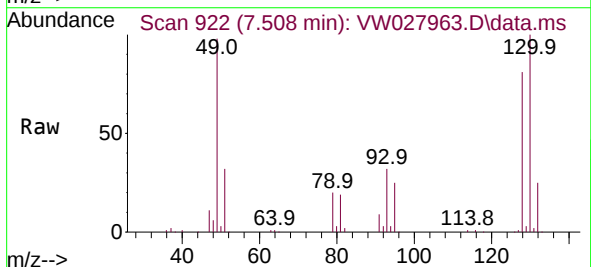
Instrument :
MSVOA_W
ClientSampleId :

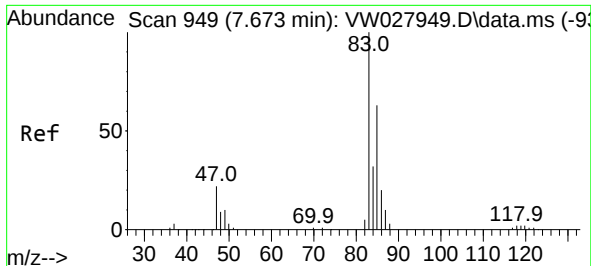
Tgt Ion: 43 Resp: 51289
Ion Ratio Lower Upper
43 100
72 36.1 17.0 50.9



#23
Bromochloromethane
Concen: 27.138 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.012 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion: 128 Resp: 51399
Ion Ratio Lower Upper
128 100
49 121.3 93.2 173.2
130 123.2 97.4 180.8
51 39.1 34.5 51.7

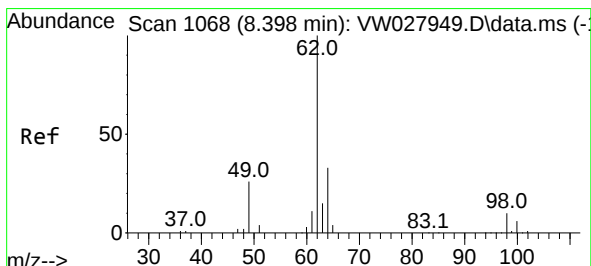
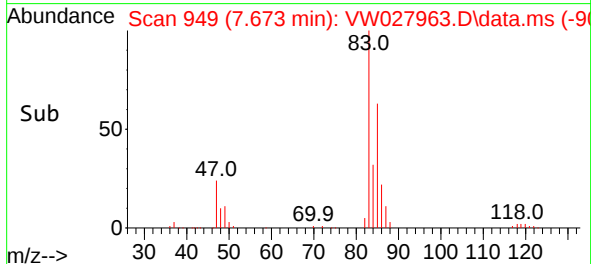
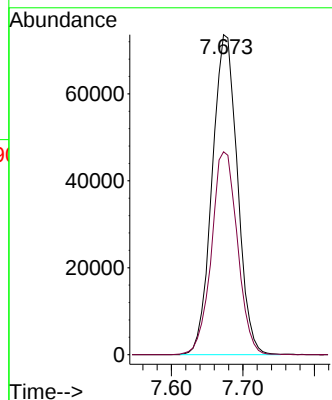
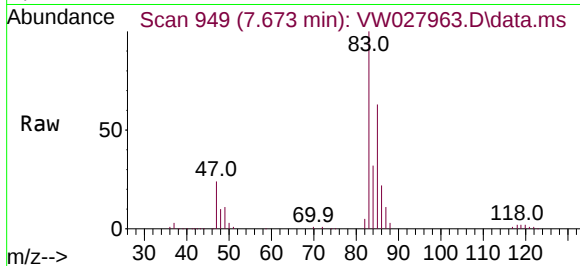




#25
Chloroform
Concen: 25.627 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

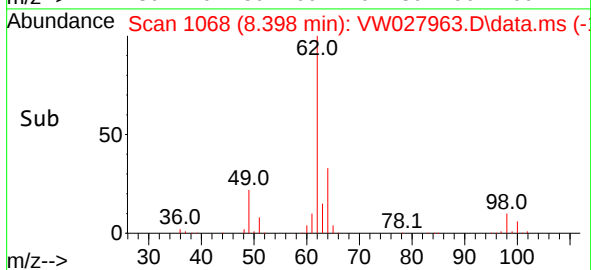
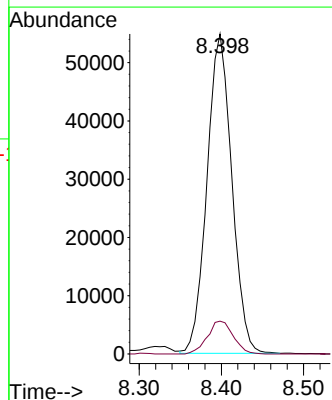
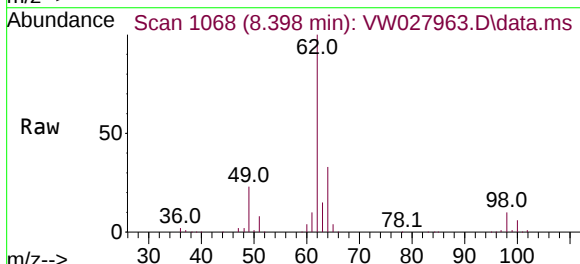
Instrument :
MSVOA_W
ClientSampleId :

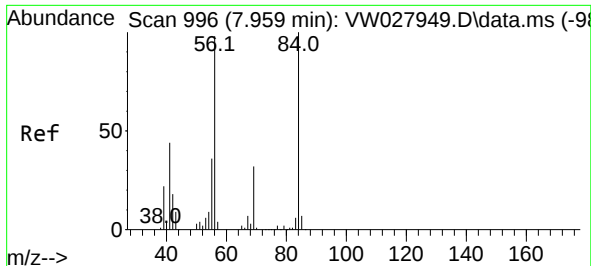
Tgt Ion: 83 Resp: 180715
Ion Ratio Lower Upper
83 100
85 63.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 29.271 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

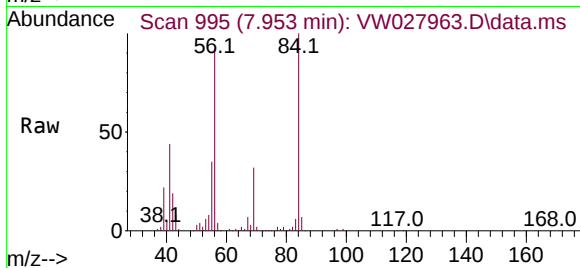
Tgt Ion: 62 Resp: 114948
Ion Ratio Lower Upper
62 100
98 10.2 9.4 14.2



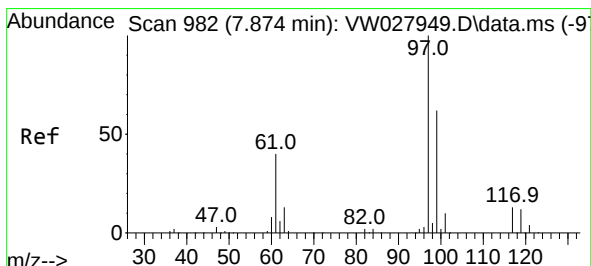
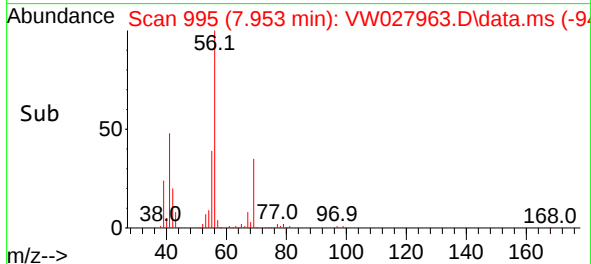
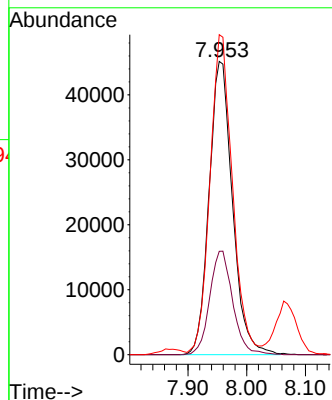


#29
Cyclohexane
Concen: 21.838 ug/L
RT: 7.953 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Instrument :
MSVOA_W
ClientSampleId :

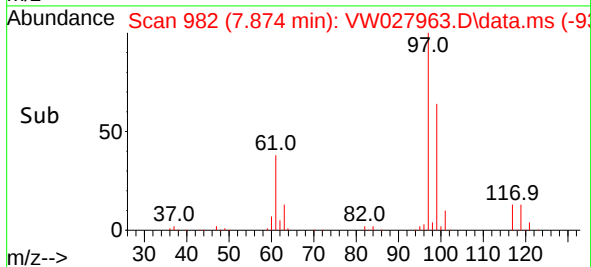
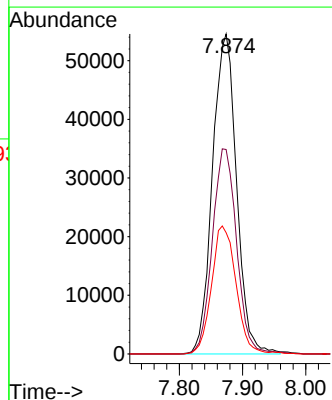
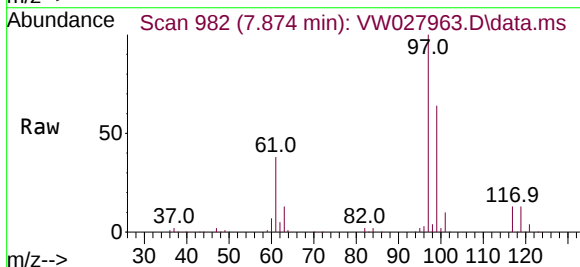


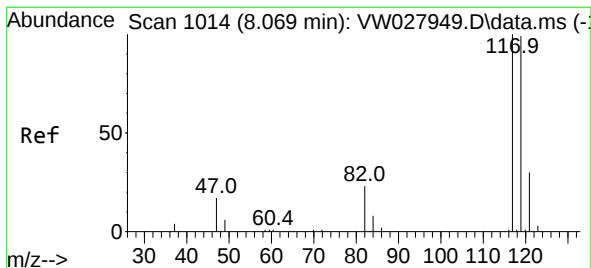
Tgt Ion: 56 Resp: 125029
Ion Ratio Lower Upper
56 100
69 34.7 26.3 39.5
84 104.8 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 23.219 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion: 97 Resp: 143977
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 40.6 32.9 49.3





#31

Carbon tetrachloride

Concen: 23.485 ug/L

RT: 8.063 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

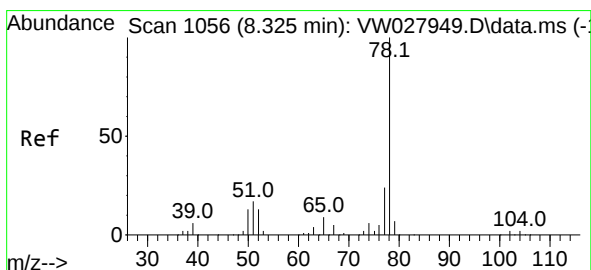
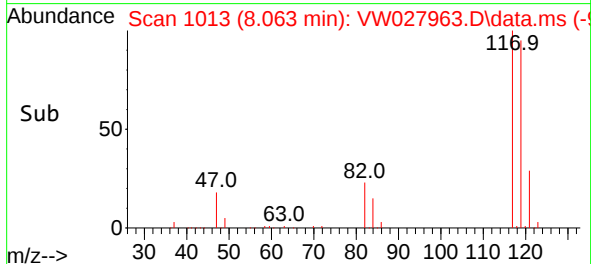
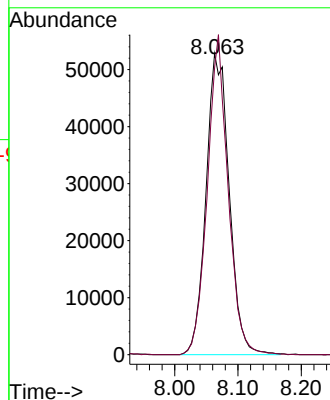
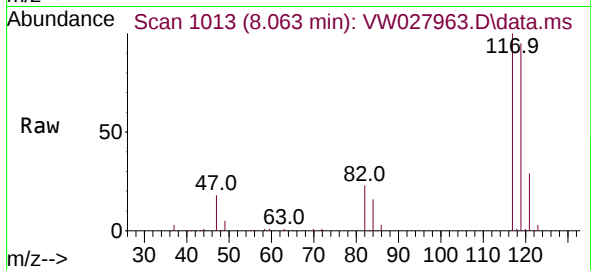
ClientSampleId :

Tgt Ion:117 Resp: 134724

Ion Ratio Lower Upper

117 100

119 95.0 76.5 114.7



#33

Benzene

Concen: 23.155 ug/L

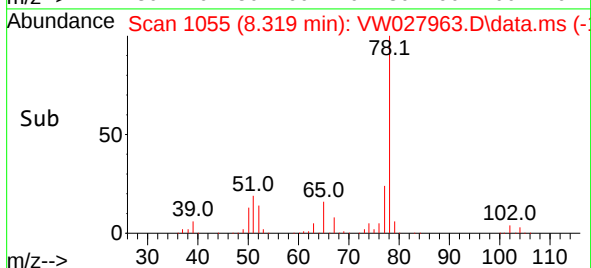
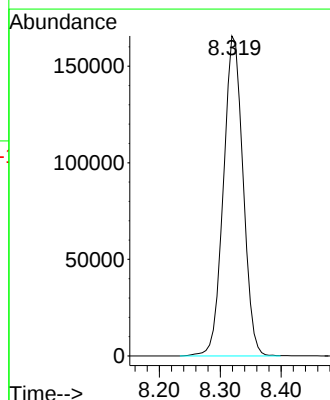
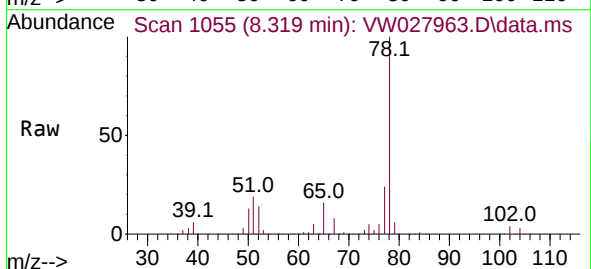
RT: 8.319 min Scan# 1055

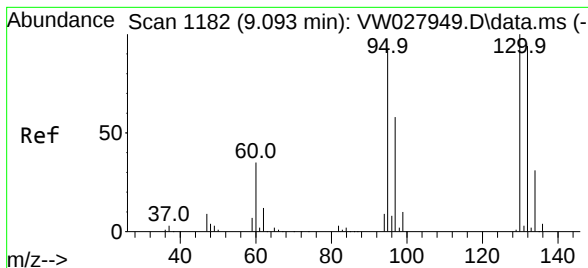
Delta R.T. -0.006 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Tgt Ion: 78 Resp: 371494





#34

Trichloroethene

Concen: 22.979 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 105836

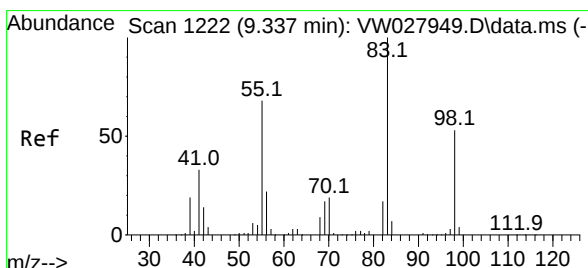
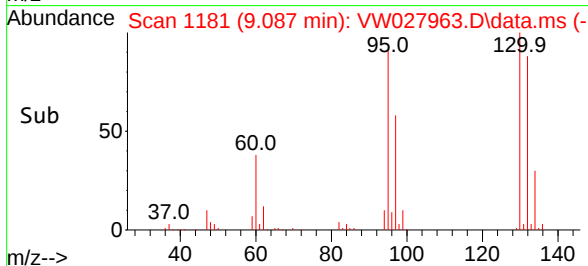
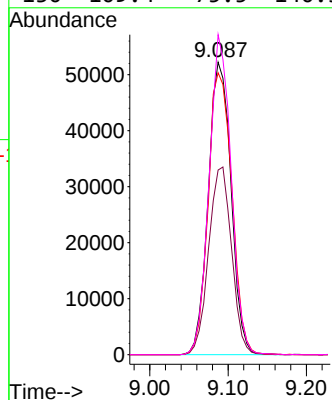
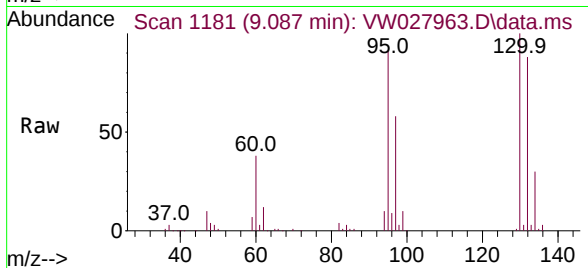
Ion Ratio Lower Upper

95 100

97 63.1 44.3 82.3

132 96.4 68.0 126.2

130 109.4 75.5 140.3



#35

Methylcyclohexane

Concen: 22.201 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

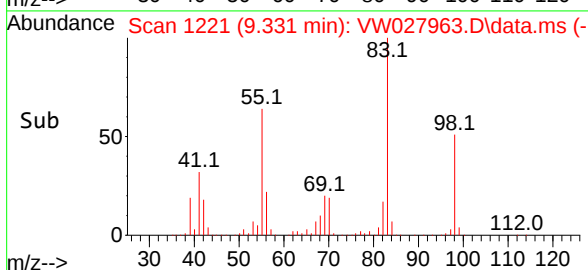
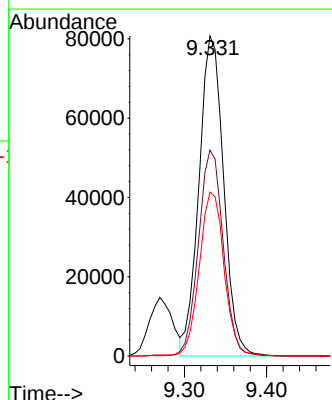
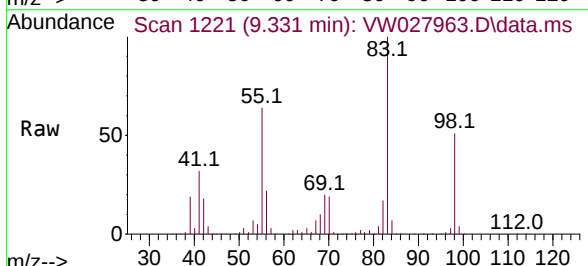
Tgt Ion: 83 Resp: 168262

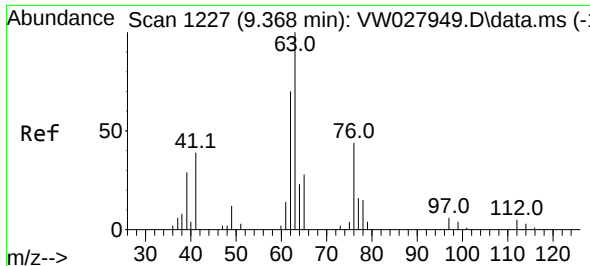
Ion Ratio Lower Upper

83 100

55 64.3 52.3 78.5

98 51.6 41.9 62.9





#37

1,2-Dichloropropane

Concen: 24.261 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

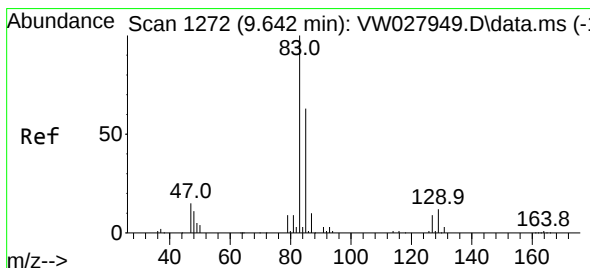
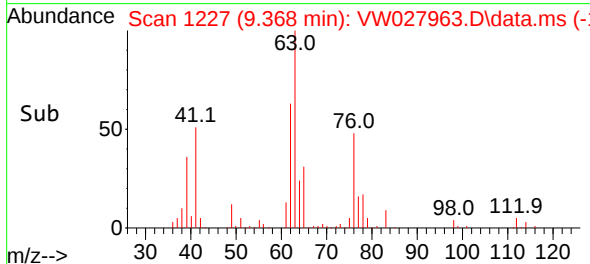
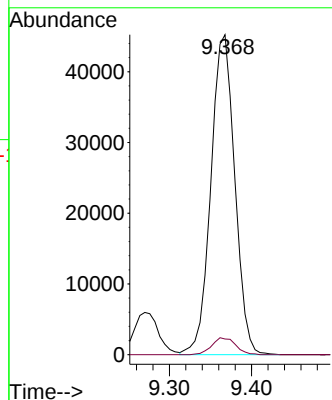
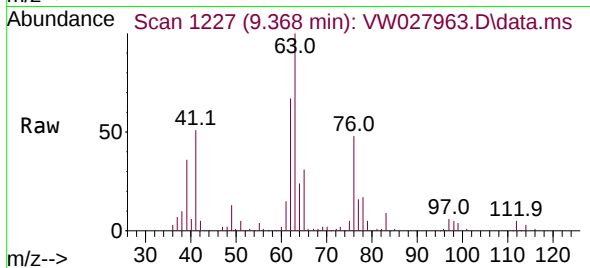
ClientSampleId :

Tgt Ion: 63 Resp: 91465

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 26.117 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

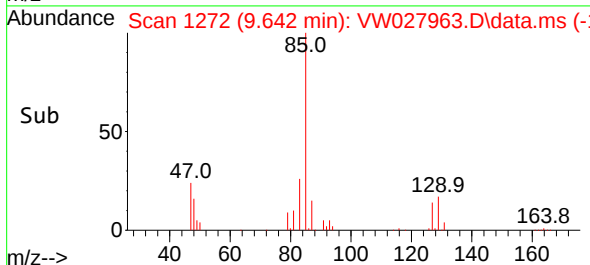
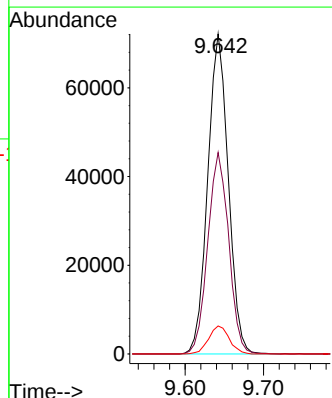
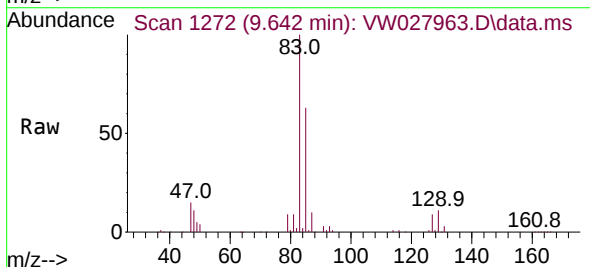
Tgt Ion: 83 Resp: 131429

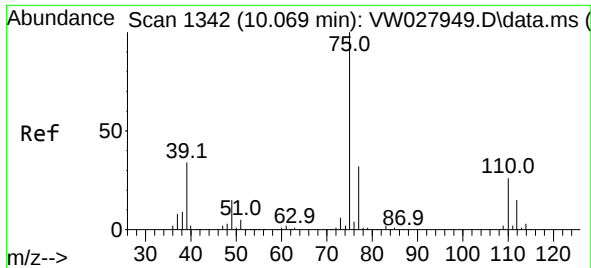
Ion Ratio Lower Upper

83 100

85 62.9 44.7 83.1

127 8.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.278 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

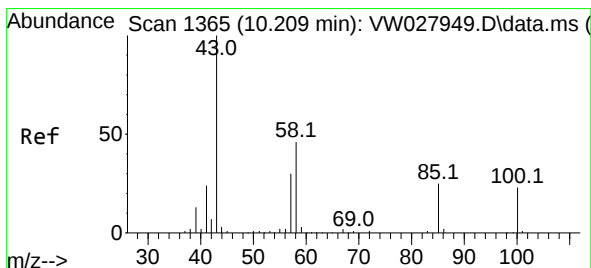
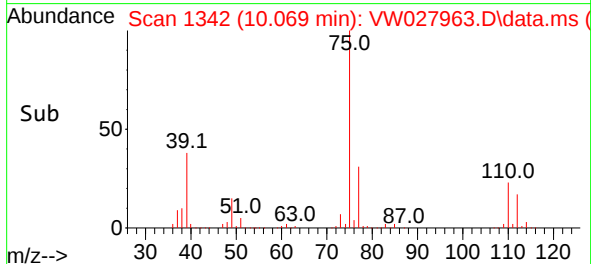
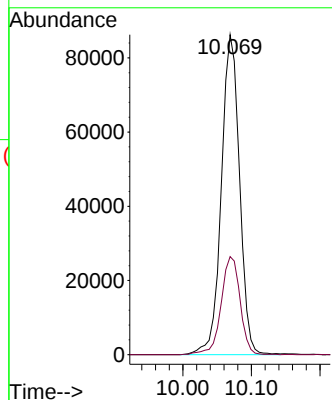
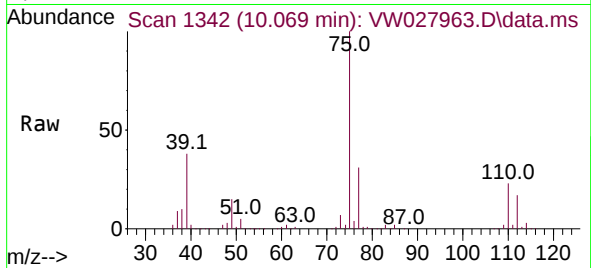
ClientSampleId :

Tgt Ion: 75 Resp: 158791

Ion Ratio Lower Upper

75 100

77 30.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 72.218 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

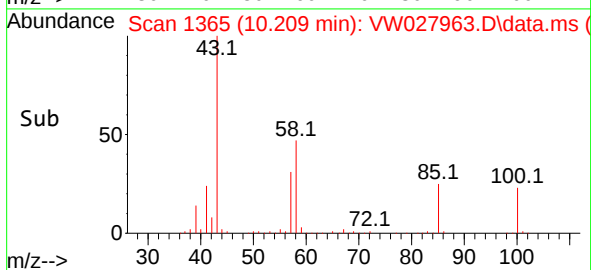
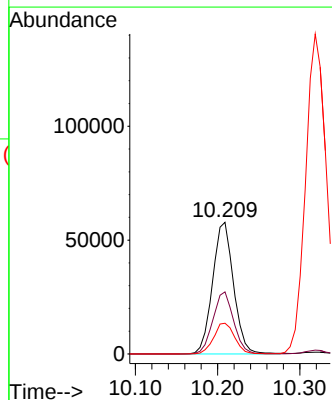
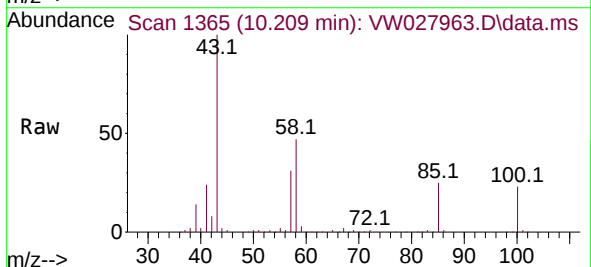
Tgt Ion: 43 Resp: 102764

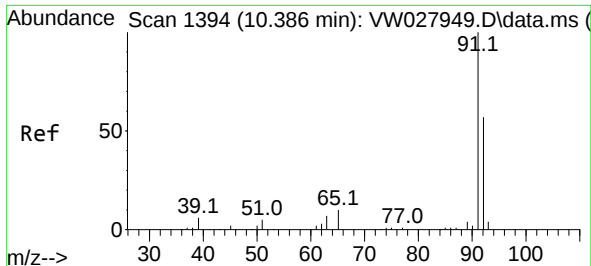
Ion Ratio Lower Upper

43 100

58 46.4 36.7 55.1

100 23.4 18.4 27.6





#42

Toluene

Concen: 23.379 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

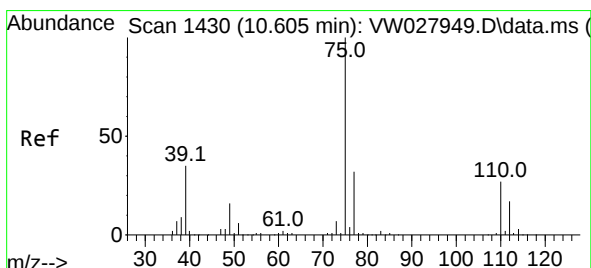
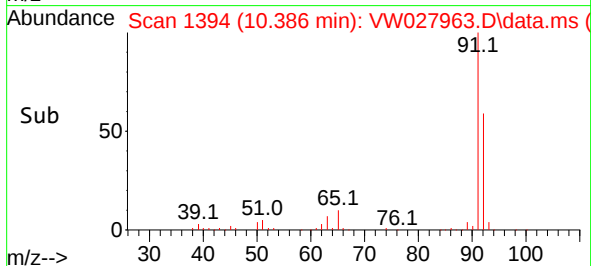
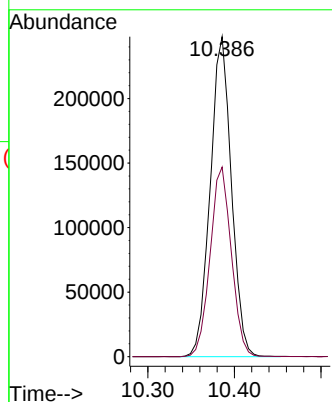
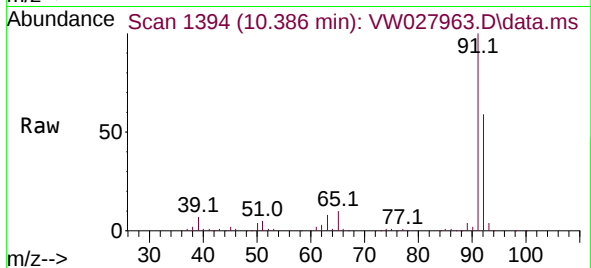
ClientSampleId :

Tgt Ion: 91 Resp: 420547

Ion Ratio Lower Upper

91 100

92 59.3 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 27.891 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027963.D

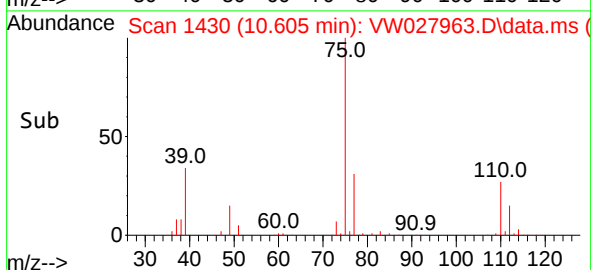
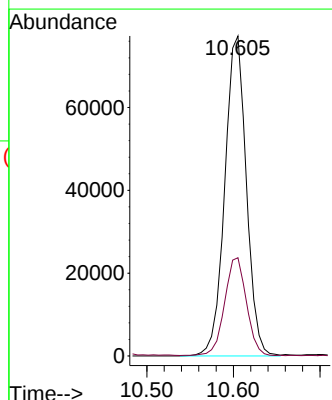
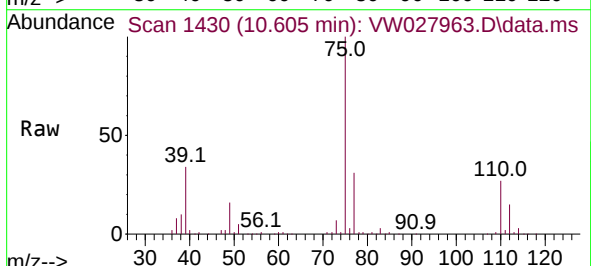
Acq: 05 Feb 2024 18:55

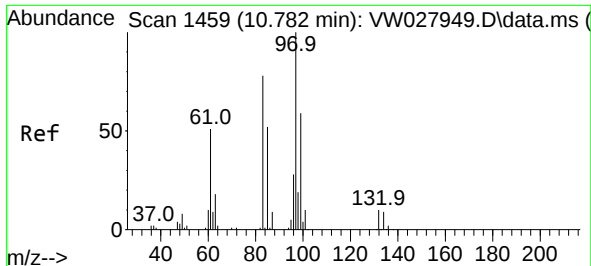
Tgt Ion: 75 Resp: 133768

Ion Ratio Lower Upper

75 100

77 30.7 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 27.859 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 83134

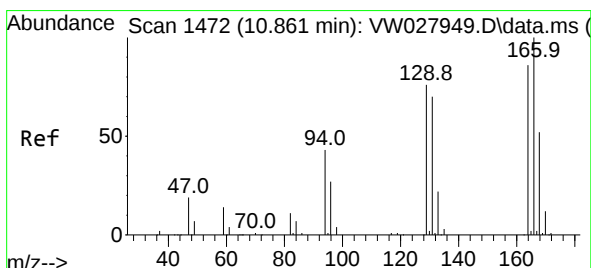
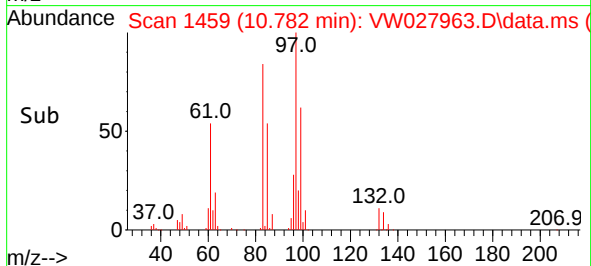
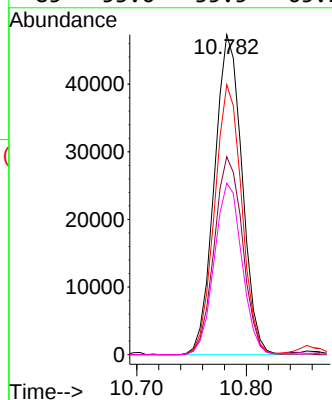
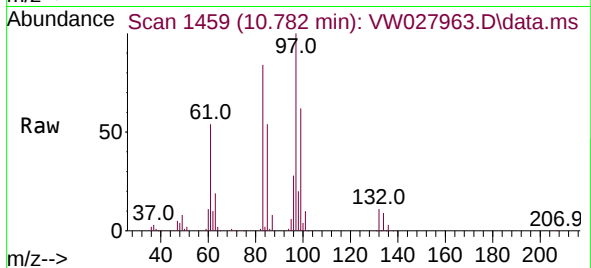
Ion Ratio Lower Upper

97 100

99 61.8 43.3 80.5

83 84.4 57.2 106.2

85 53.6 35.5 65.9



#46

Tetrachloroethene

Concen: 22.188 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Tgt Ion:164 Resp: 85986

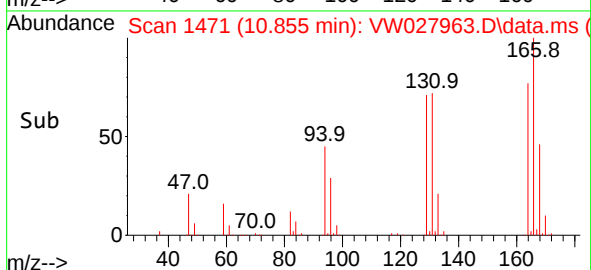
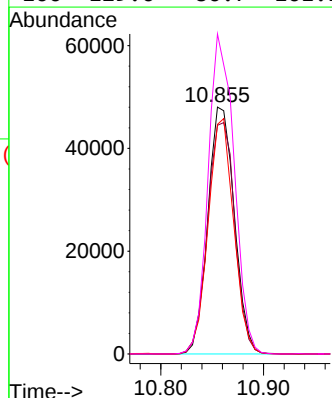
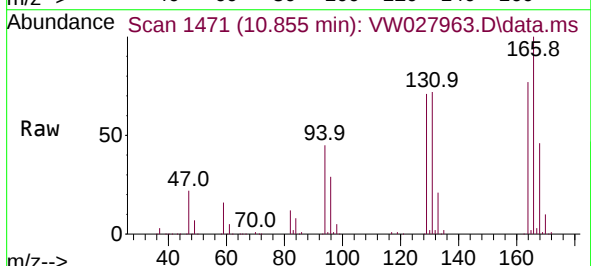
Ion Ratio Lower Upper

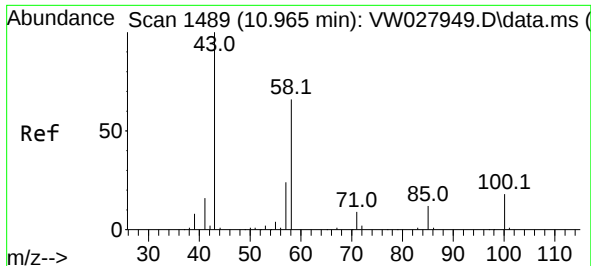
164 100

129 92.6 59.4 110.2

131 93.0 65.0 120.6

166 129.6 86.7 161.1

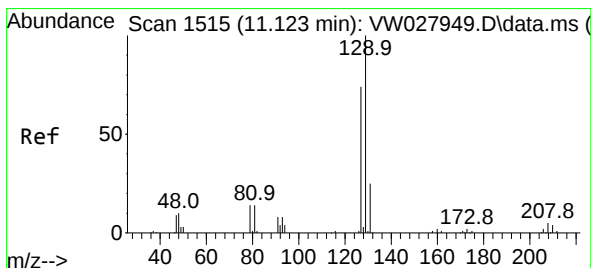
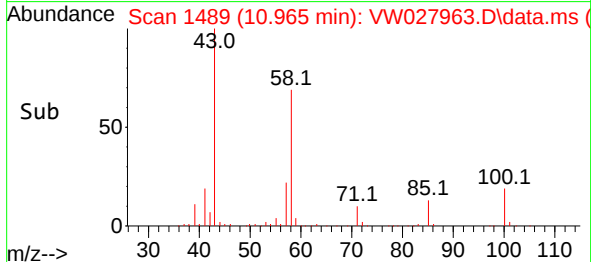
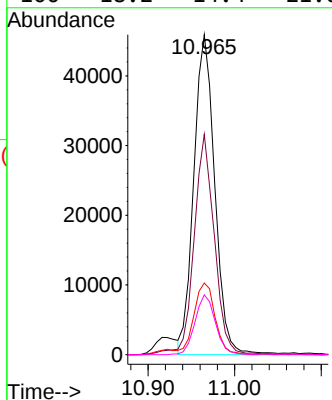
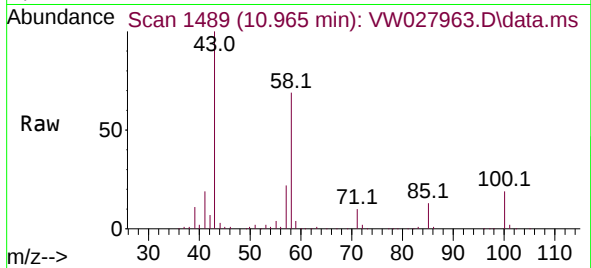




#48
2-Hexanone
Concen: 71.730 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

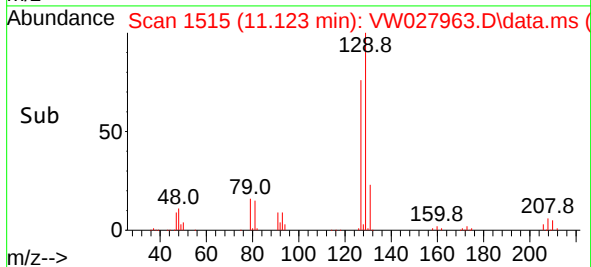
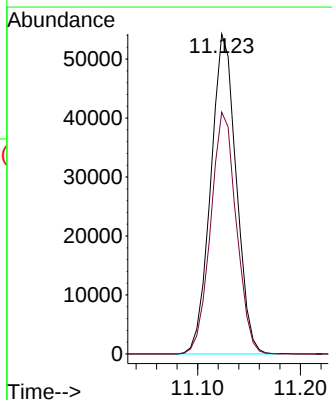
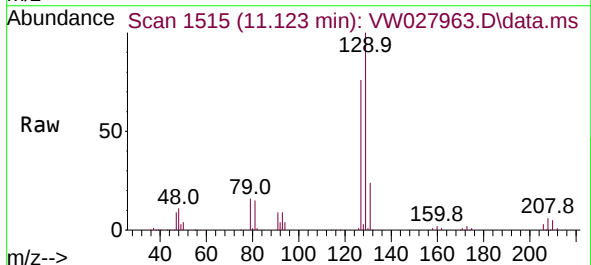
Instrument :
MSVOA_W
ClientSampleId :

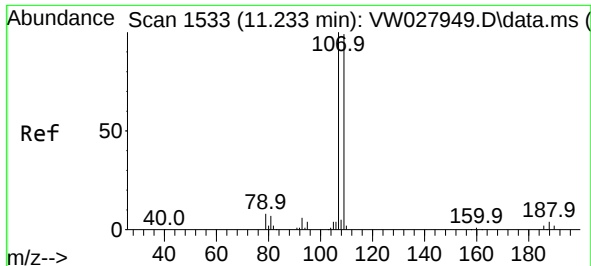
Tgt Ion:	43	Resp:	77310
Ion	Ratio	Lower	Upper
43	100		
58	63.7	51.4	77.2
57	22.6	17.4	26.2
100	18.2	14.4	21.6



#49
Dibromochloromethane
Concen: 27.416 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion:	129	Resp:	93269
Ion	Ratio	Lower	Upper
129	100		
127	75.6	49.6	92.0





#50

1,2-Dibromoethane

Concen: 29.446 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027963.D

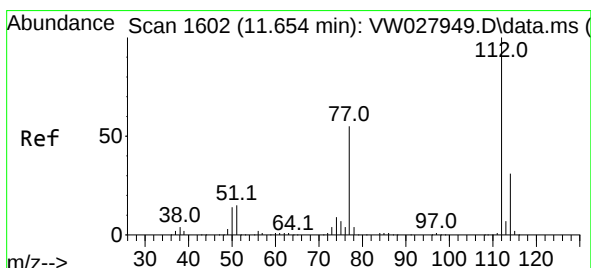
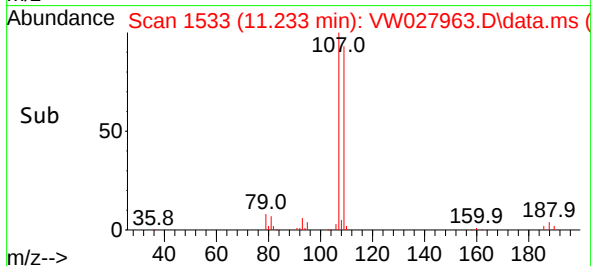
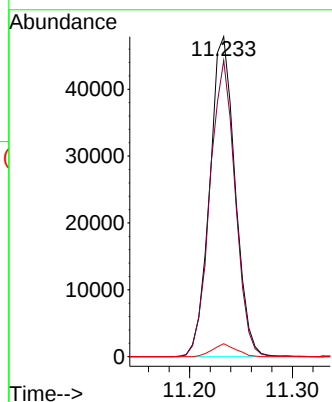
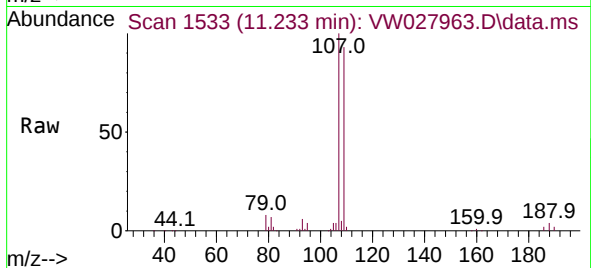
Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	82017
Ion	Ratio	Lower	Upper
107	100		
109	92.6	71.2	132.2
188	4.0	3.1	4.7



#51

Chlorobenzene

Concen: 24.023 ug/L

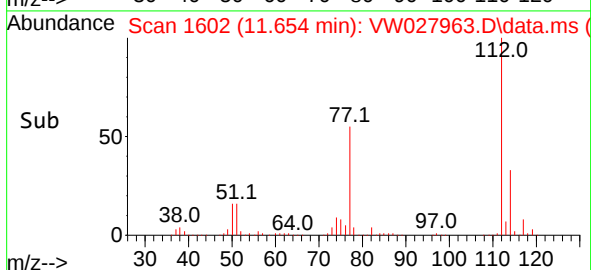
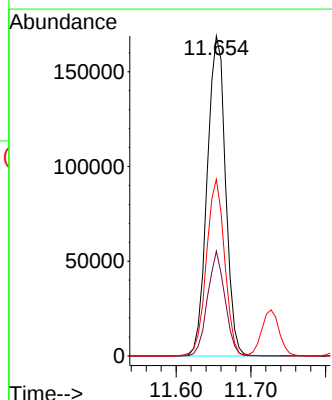
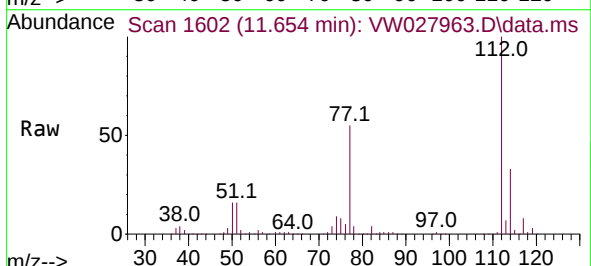
RT: 11.654 min Scan# 1602

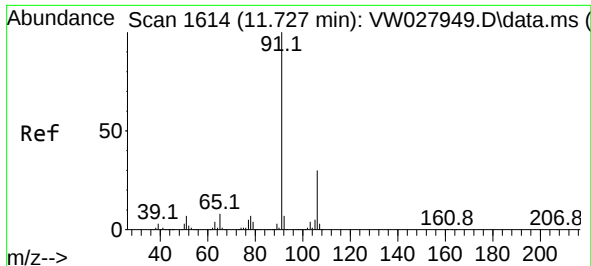
Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Tgt Ion:	112	Resp:	287409
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.3
77	55.2	42.6	64.0

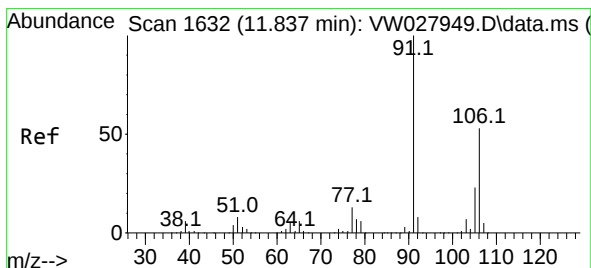
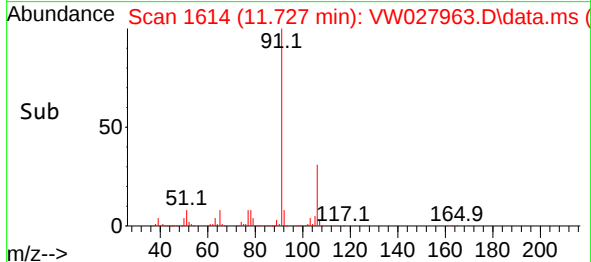
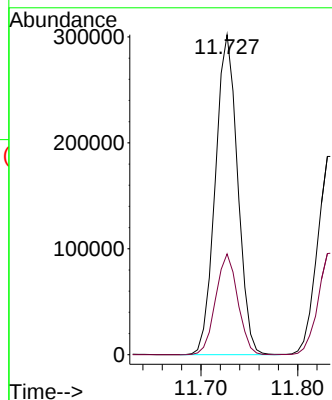
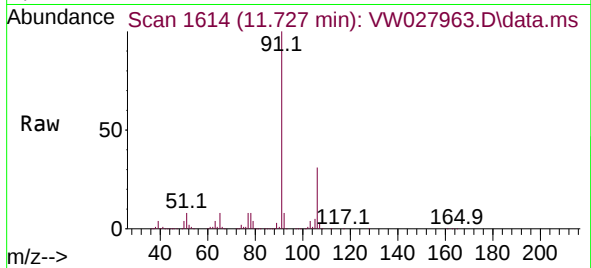




#52
Ethylbenzene
Concen: 23.791 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

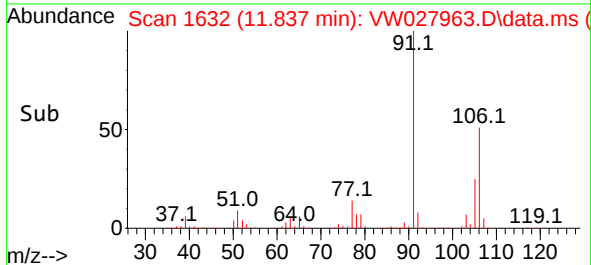
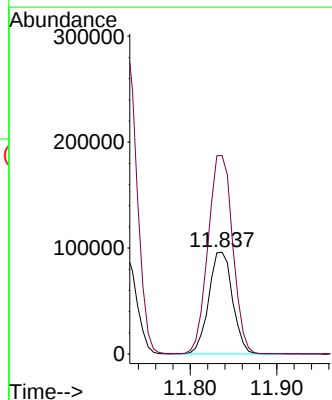
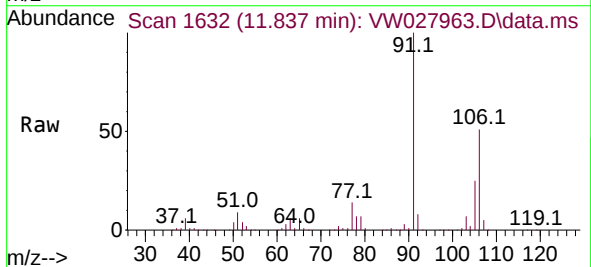
Instrument :
MSVOA_W
ClientSampleId :

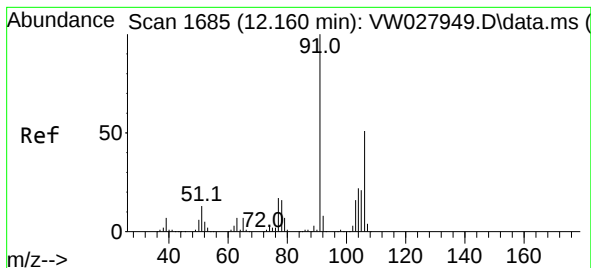
Tgt Ion: 91 Resp: 482505
Ion Ratio Lower Upper
91 100
106 31.5 22.8 42.4



#53
m,p-Xylene
Concen: 23.091 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion:106 Resp: 183663
Ion Ratio Lower Upper
106 100
91 194.8 130.0 241.4





#54

o-Xylene

Concen: 24.451 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

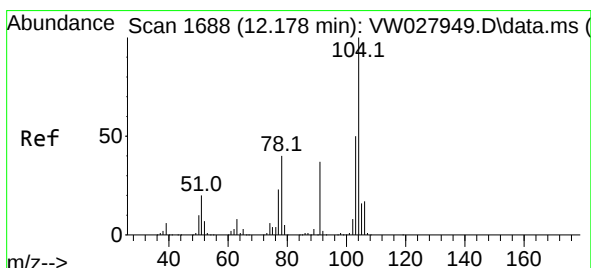
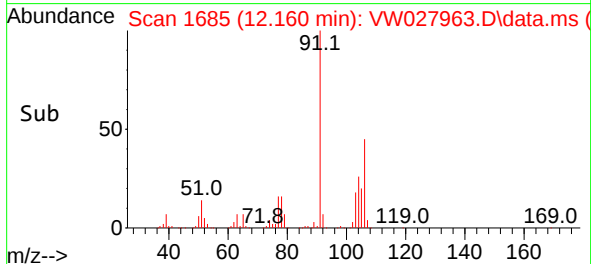
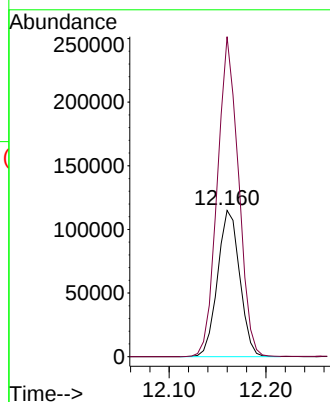
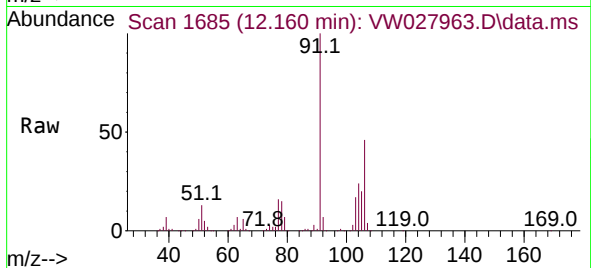
ClientSampleId :

Tgt Ion:106 Resp: 182400

Ion Ratio Lower Upper

106 100

91 218.8 146.4 272.0



#55

Styrene

Concen: 25.451 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027963.D

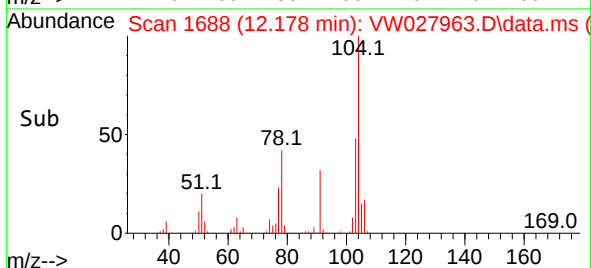
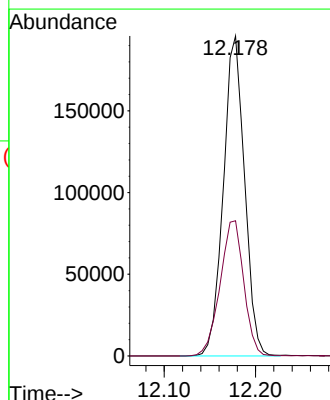
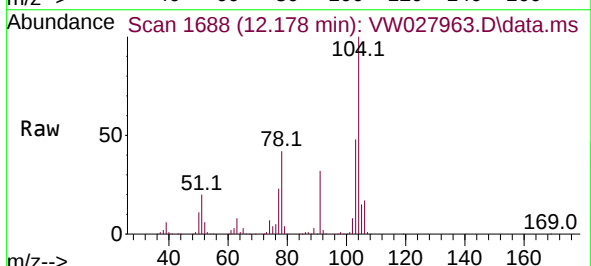
Acq: 05 Feb 2024 18:55

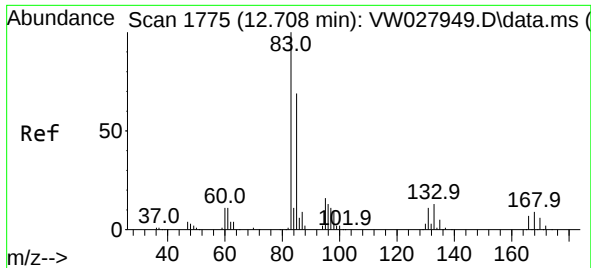
Tgt Ion:104 Resp: 316234

Ion Ratio Lower Upper

104 100

78 42.2 28.3 52.7

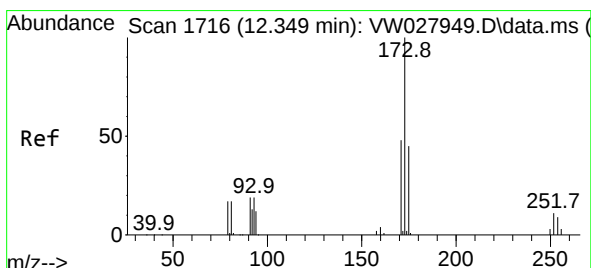
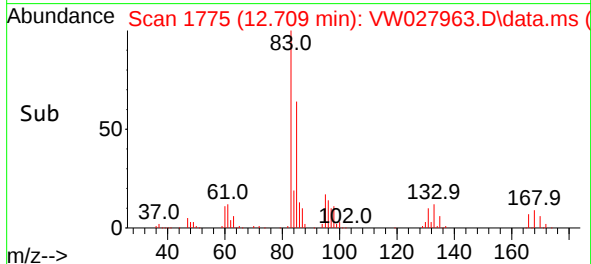
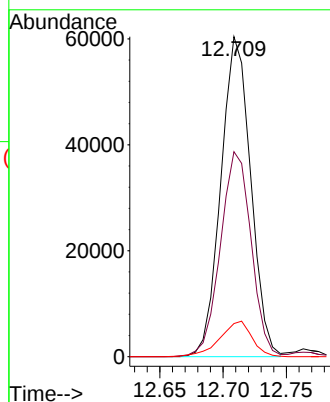
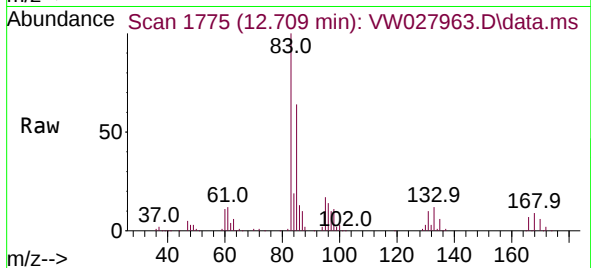




#57
1,1,2-Tetrachloroethane
Concen: 30.993 ug/L
RT: 12.709 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

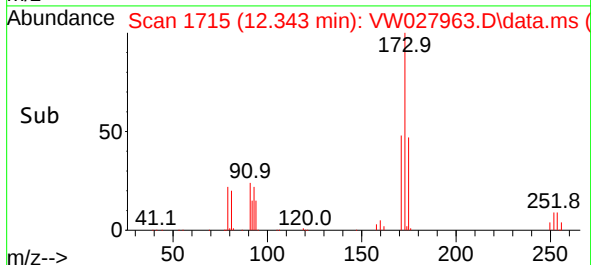
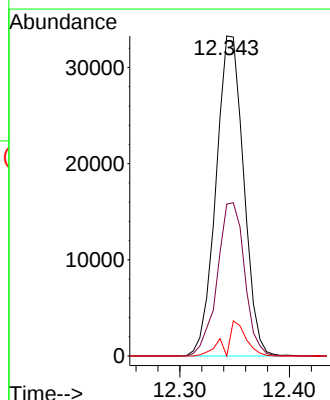
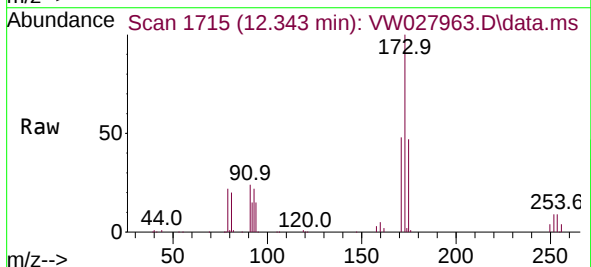
Instrument :
MSVOA_W
ClientSampleId :

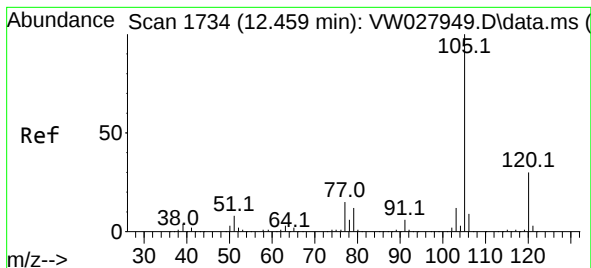
Tgt Ion: 83 Resp: 99039
Ion Ratio Lower Upper
83 100
85 64.0 42.9 79.7
131 10.4 8.7 13.1



#59
Bromoform
Concen: 30.082 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion:173 Resp: 58380
Ion Ratio Lower Upper
173 100
175 0.0 37.8 56.8#
254 1.9 8.4 12.6#





#60

Isopropylbenzene

Concen: 24.139 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

Instrument :

MSVOA_W

ClientSampleId :

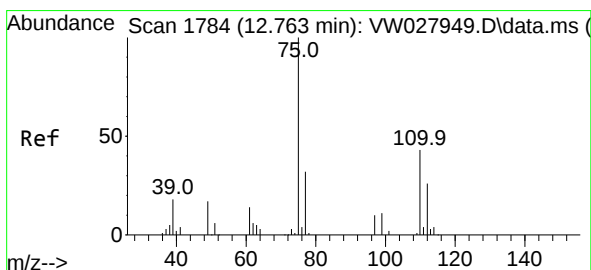
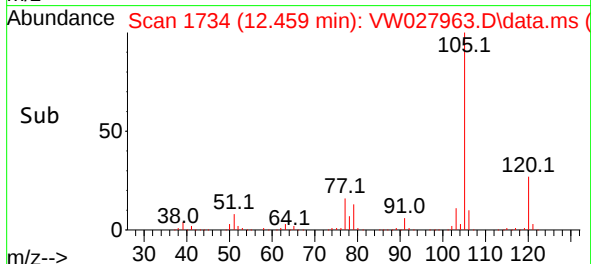
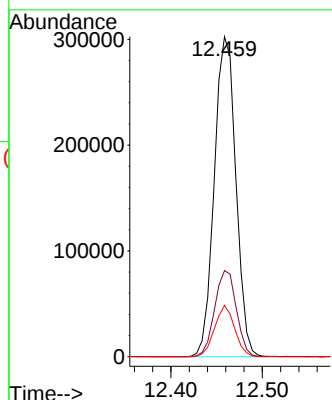
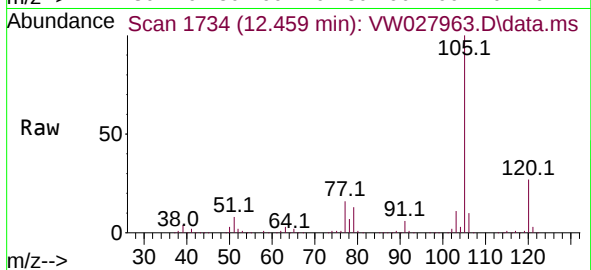
Tgt Ion:105 Resp: 495570

Ion Ratio Lower Upper

105 100

120 27.1 22.2 33.2

77 14.9 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 31.450 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027963.D

Acq: 05 Feb 2024 18:55

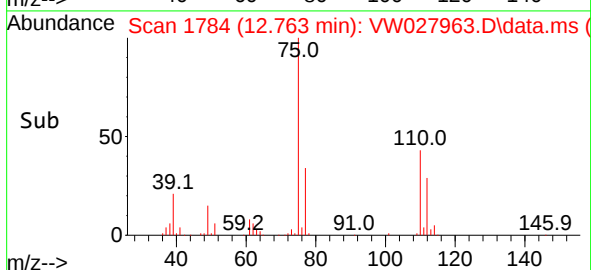
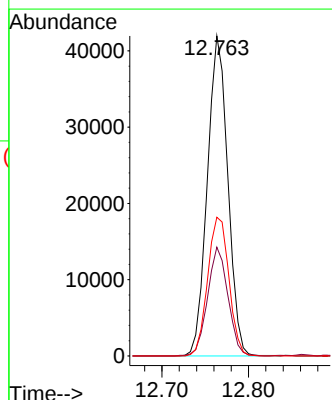
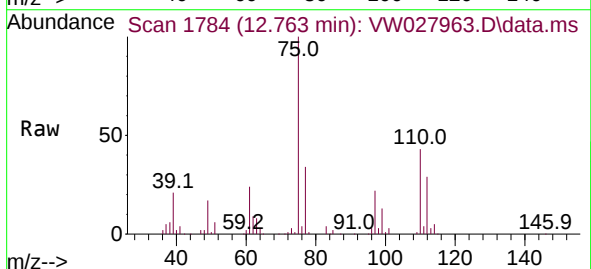
Tgt Ion: 75 Resp: 69013

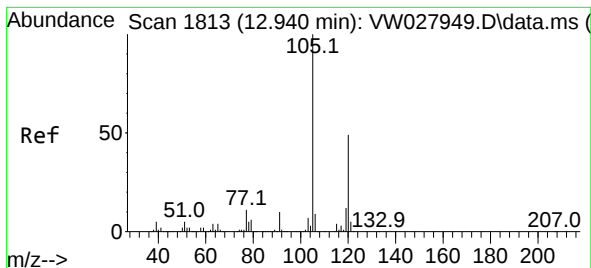
Ion Ratio Lower Upper

75 100

77 33.8 26.5 39.7

110 44.9 35.8 53.8

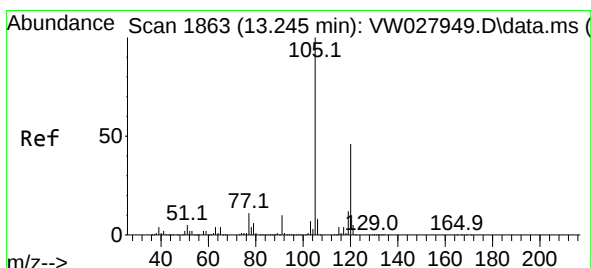
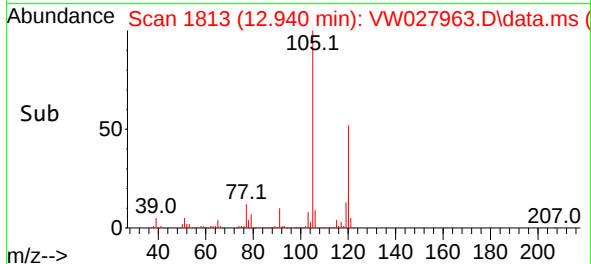
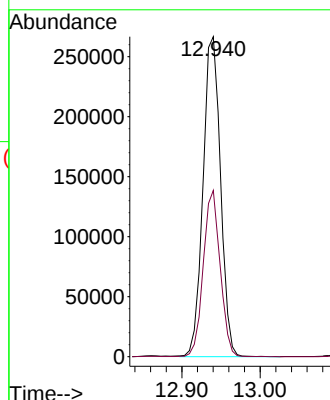
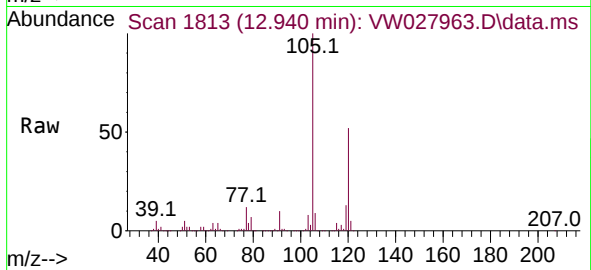




#62
1,3,5-Trimethylbenzene
Concen: 25.145 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

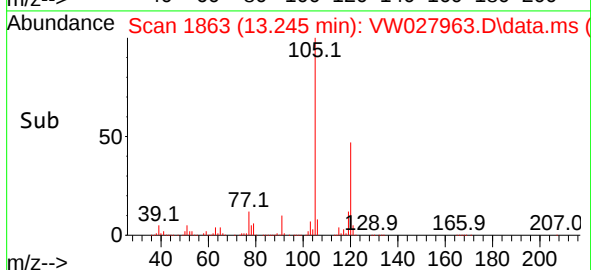
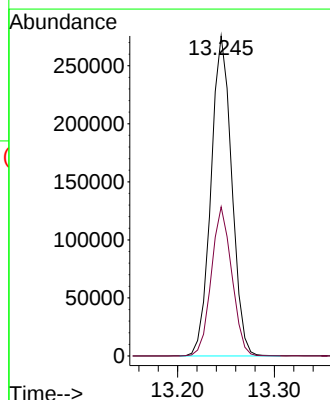
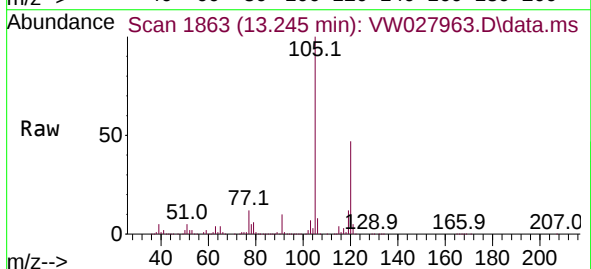
Instrument :
MSVOA_W
ClientSampleId :

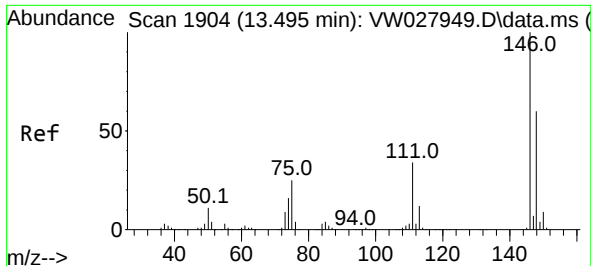
Tgt Ion:105 Resp: 413107
Ion Ratio Lower Upper
105 100
120 50.0 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 25.571 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion:105 Resp: 411088
Ion Ratio Lower Upper
105 100
120 45.9 36.4 54.6

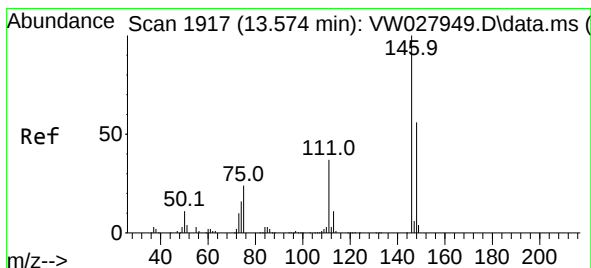
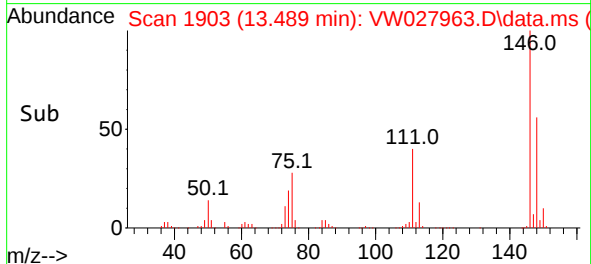
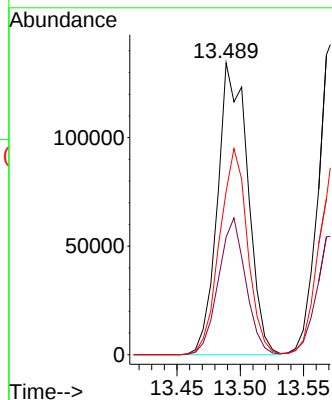
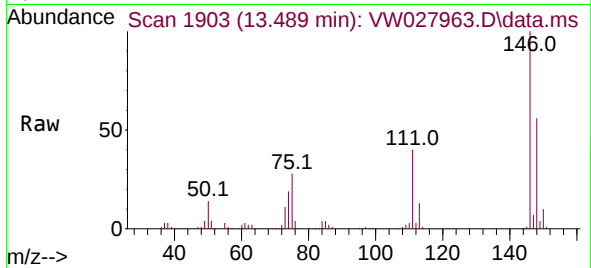




#64
1,3-Dichlorobenzene
Concen: 23.592 ug/L
RT: 13.489 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

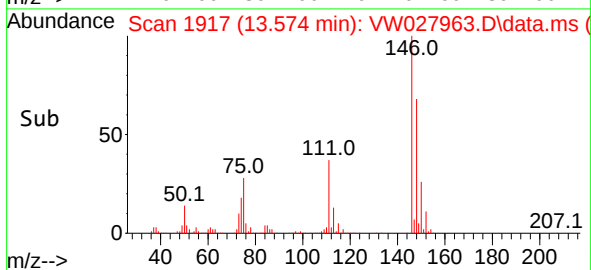
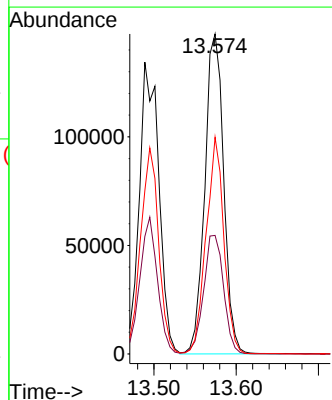
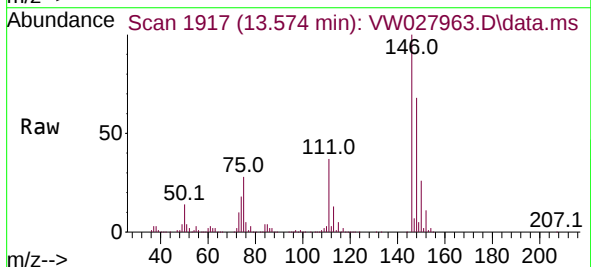
Instrument :
MSVOA_W
ClientSampleId :

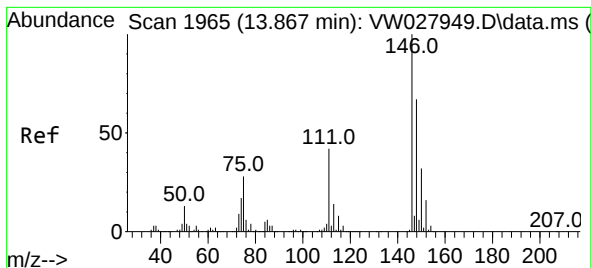
Tgt Ion:146 Resp: 222494
Ion Ratio Lower Upper
146 100
111 40.3 26.9 49.9
148 56.0 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 24.522 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

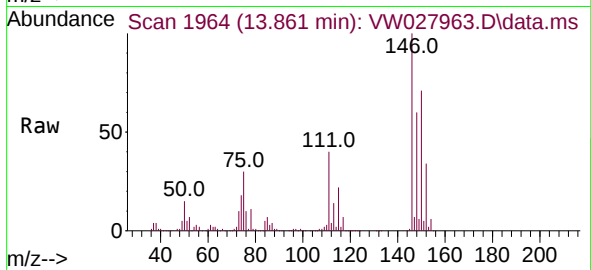
Tgt Ion:146 Resp: 235136
Ion Ratio Lower Upper
146 100
111 37.1 24.1 44.8
148 67.7 43.6 81.0



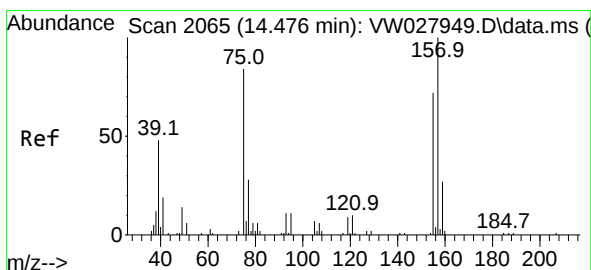
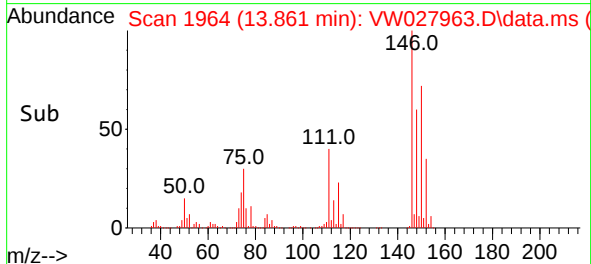
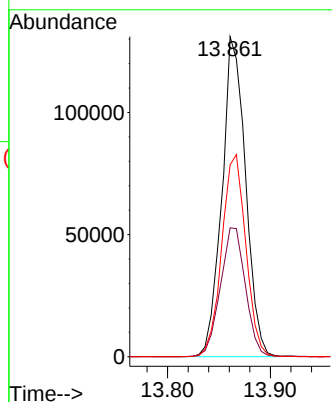


#67
1,2-Dichlorobenzene
Concen: 25.122 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Instrument :
MSVOA_W
ClientSampleId :

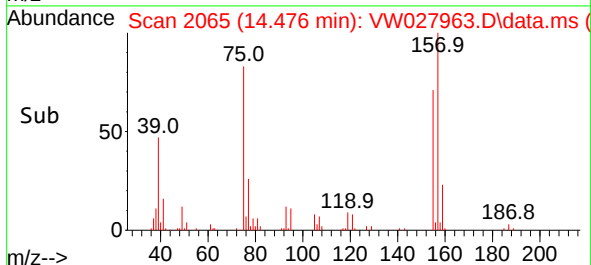
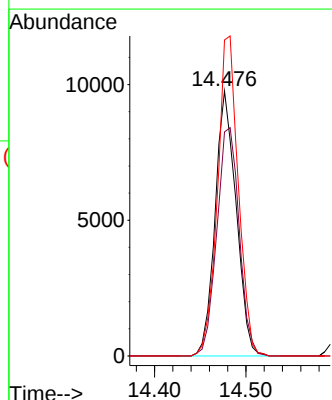
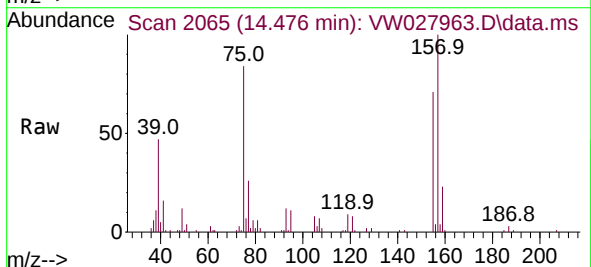


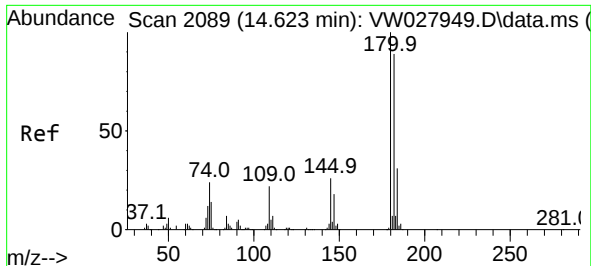
Tgt Ion:146 Resp: 209262
Ion Ratio Lower Upper
146 100
111 40.3 30.6 46.0
148 60.0 48.6 72.8



#68
1,2-Dibromo-3-chloropropane
Concen: 35.738 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

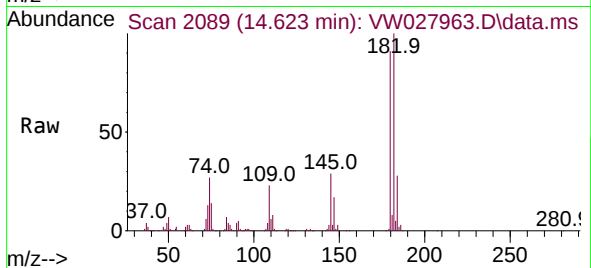
Tgt Ion: 75 Resp: 15570
Ion Ratio Lower Upper
75 100
155 84.6 68.7 103.1
157 119.2 96.7 145.1



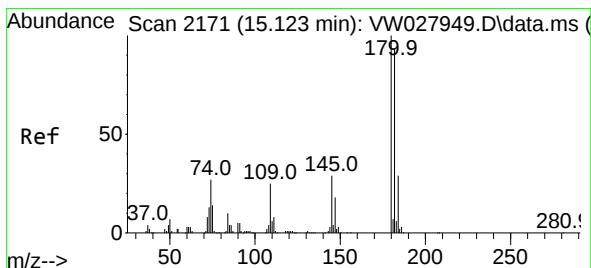
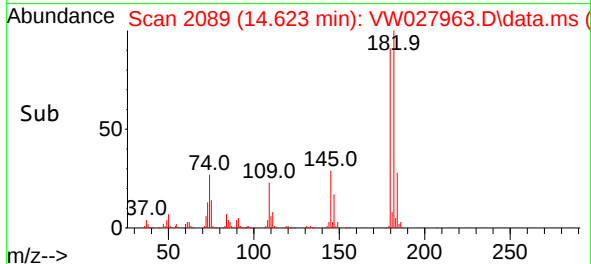
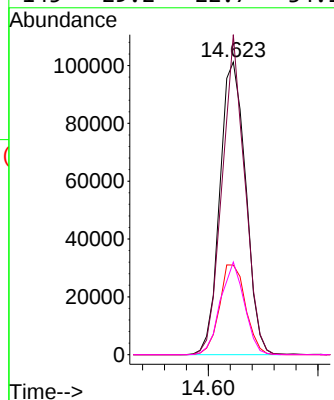


#69
1,3,5-Trichlorobenzene
Concen: 24.538 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Instrument :
MSVOA_W
ClientSampleId :

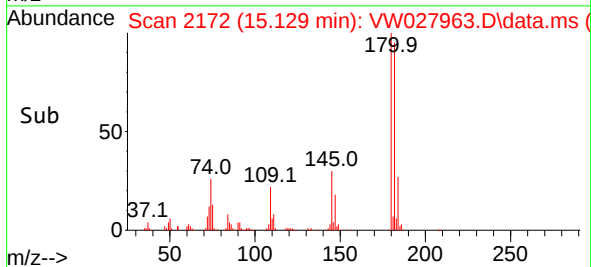
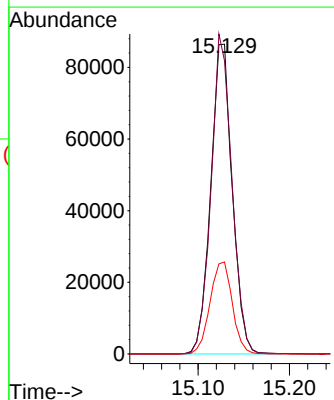
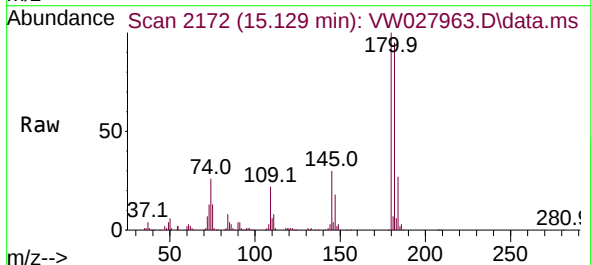


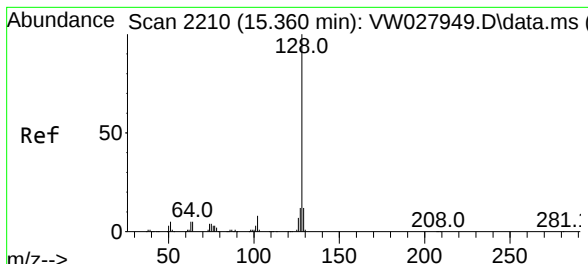
Tgt Ion:180 Resp: 166176
Ion Ratio Lower Upper
180 100
182 95.7 72.1 108.1
184 31.0 24.4 36.6
145 29.2 22.7 34.1



#70
1,2,4-trichlorobenzene
Concen: 25.950 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion:180 Resp: 141915
Ion Ratio Lower Upper
180 100
182 99.4 77.0 115.6
145 30.6 23.4 35.0



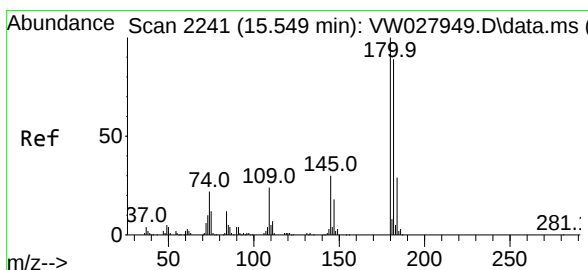
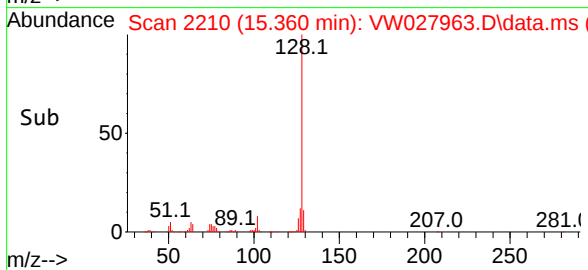
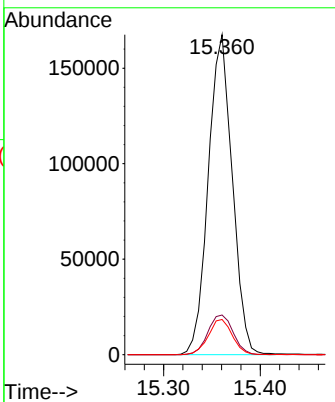
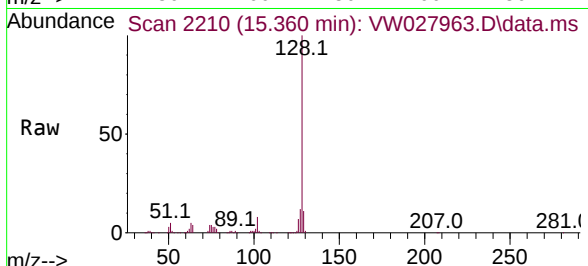


#71
Naphthalene
Concen: 33.996 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 288906

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.4	12.6



#72
1,2,3-Trichlorobenzene
Concen: 28.101 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027963.D
Acq: 05 Feb 2024 18:55

Tgt Ion:180 Resp: 128215

Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.5	114.7
145	31.5	25.8	38.8

