

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027944.D
 Acq On : 05 Feb 2024 10:07
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 06 02:01:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 02:00:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336083	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147002	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	18852	4.789	ug/L	0.00
7) Chloroethane-d5	2.899	69	14084	4.717	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	7738	4.594	ug/L	0.00
21) 2-Butanone-d5	7.094	46	5131	8.371	ug/L	0.01
24) Chloroform-d	7.648	84	37101	4.721	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	17007	4.792	ug/L	0.00
32) Benzene-d6	8.276	84	76699	4.842	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	20853	4.855	ug/L	0.00
41) Toluene-d8	10.325	98	71247	4.700	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	8217	4.652	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	4898	8.383	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15194	4.733	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	24069	4.817	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	14865	5.136	ug/L	95
3) Chloromethane	2.222	50	16544	5.205	ug/L	92
5) Vinyl chloride	2.375	62	22754	5.282	ug/L	99
6) Bromomethane	2.796	94	16513	5.425	ug/L	90
8) Chloroethane	2.942	64	12051	4.951	ug/L	94
9) Trichlorofluoromethane	3.271	101	19508	4.983	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	8352	2.139	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	18802	5.122	ug/L	85
13) Acetone	4.155	43	4699	7.989	ug/L	83
14) Carbon disulfide	4.387	76	57476	5.288	ug/L	99
15) Methyl Acetate	4.685	43	2922	2.951	ug/L	90
16) Methylene chloride	4.917	84	22058	5.251	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	20112	5.099	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	22936	4.905	ug/L #	91
19) 1,1-Dichloroethane	6.222	63	32273	5.037	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	20231	4.857	ug/L	99
22) 2-Butanone	7.185	43	5955	8.674	ug/L #	70
23) Bromochloromethane	7.520	128	9254	5.002	ug/L	88
25) Chloroform	7.673	83	34309	4.981	ug/L	95
27) 1,2-Dichloroethane	8.398	62	18838	4.911	ug/L	98
29) Cyclohexane	7.959	56	26817	5.081	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	28632	5.009	ug/L	98
31) Carbon tetrachloride	8.069	117	26067	4.930	ug/L	99
33) Benzene	8.325	78	75650	5.115	ug/L	100
34) Trichloroethene	9.093	95	21267	5.009	ug/L	90
35) Methylcyclohexane	9.337	83	36253	5.189	ug/L	98
37) 1,2-Dichloropropane	9.367	63	17434	5.017	ug/L	99
38) Bromodichloromethane	9.648	83	23004	4.959	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	25967	4.662	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	11803	8.999	ug/L	98
42) Toluene	10.386	91	82614	4.982	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	20513	4.640	ug/L	96

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 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 06 02:01:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 02:00:18 2024
 Response via : Initial Calibration

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

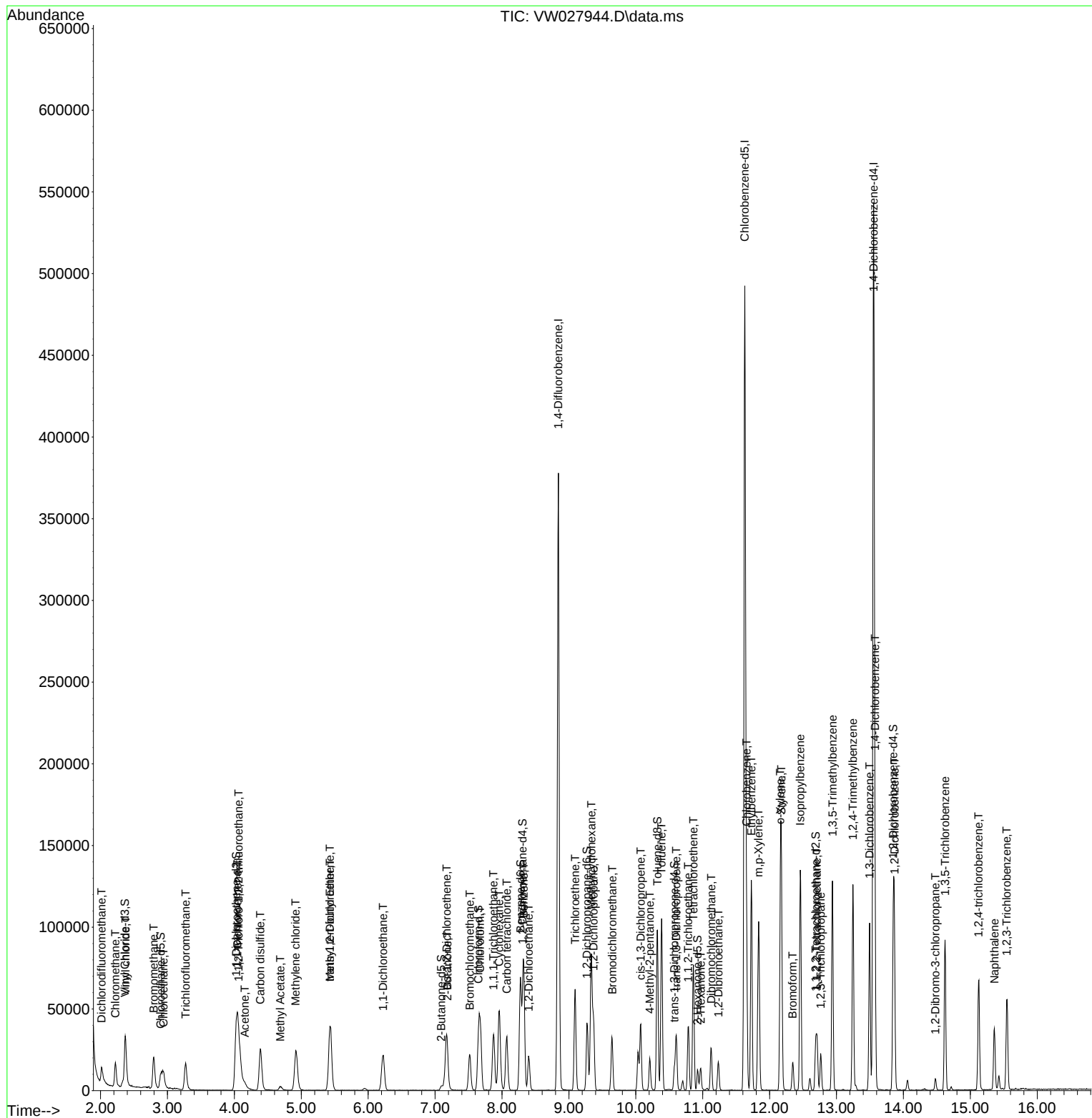
45) 1,1,2-Trichloroethane	10.782	97	13768	5.005	ug/L	94
46) Tetrachloroethene	10.861	164	18715	5.239	ug/L	90
48) 2-Hexanone	10.971	43	8498	8.554	ug/L	94
49) Dibromochloromethane	11.129	129	14487	4.620	ug/L	92
50) 1,2-Dibromoethane	11.233	107	12411	4.834	ug/L	90
51) Chlorobenzene	11.654	112	56726	5.144	ug/L	95
52) Ethylbenzene	11.727	91	92424	4.944	ug/L	97
53) m,p-Xylene	11.837	106	35516	4.844	ug/L	92
54) o-Xylene	12.160	106	33110	4.815	ug/L	95
55) Styrene	12.178	104	54051	4.719	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	14248	4.837	ug/L	100
59) Bromoform	12.343	173	8202	4.727	ug/L	96
60) Isopropylbenzene	12.458	105	91863	5.005	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	9790	4.990	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	72498	4.936	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	70075	4.875	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	42425	5.032	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	44583	5.200	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	36536	4.906	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	1746	4.483	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	32398	5.351	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	23215	4.748	ug/L	96
71) Naphthalene	15.360	128	35097	4.619	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	20228	4.959	ug/L	99

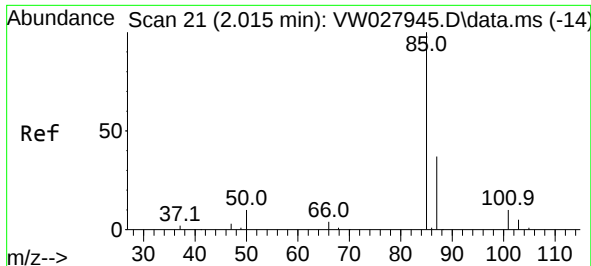
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
Data File : VW027944.D
Acq On : 05 Feb 2024 10:07
Operator : SY/MD
Sample : VSTD005
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 06 02:01:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 06 02:00:18 2024
Response via : Initial Calibration

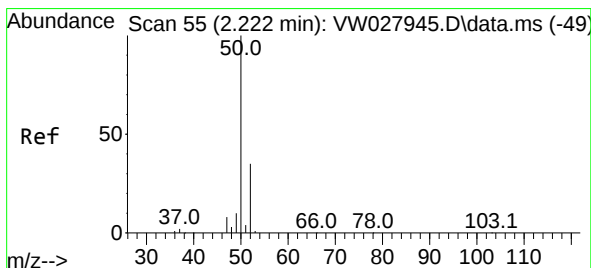
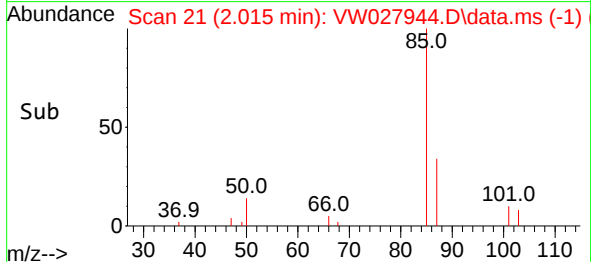
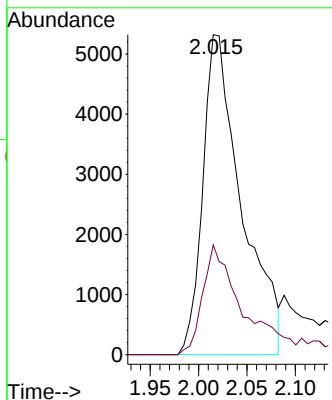
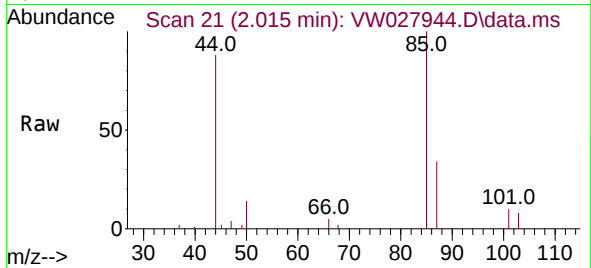




#2
 Dichlorodifluoromethane
 Concen: 5.136 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027944.D
 Acq: 05 Feb 2024 10:07

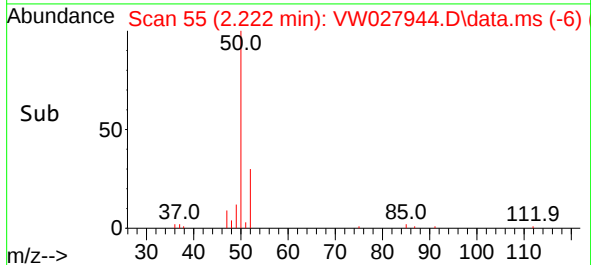
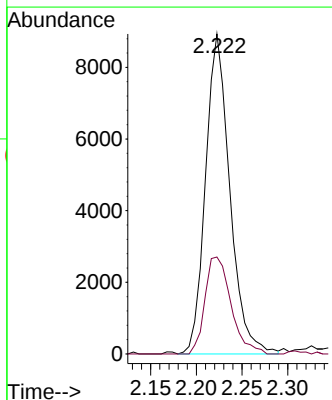
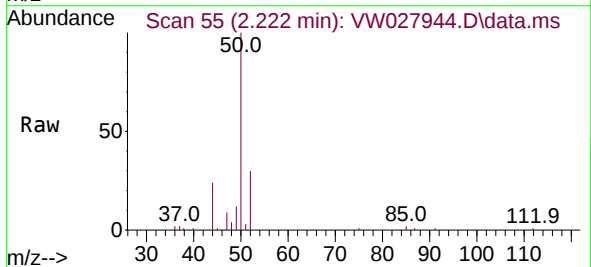
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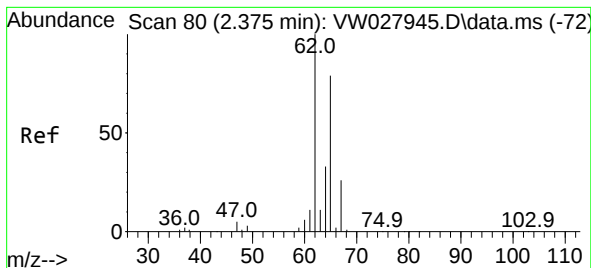
Tgt Ion: 85 Resp: 14865
 Ion Ratio Lower Upper
 85 100
 87 28.6 25.3 37.9



#3
 Chloromethane
 Concen: 5.205 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027944.D
 Acq: 05 Feb 2024 10:07

Tgt Ion: 50 Resp: 16544
 Ion Ratio Lower Upper
 50 100
 52 30.3 24.3 45.1





#5

Vinyl chloride

Concen: 5.282 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

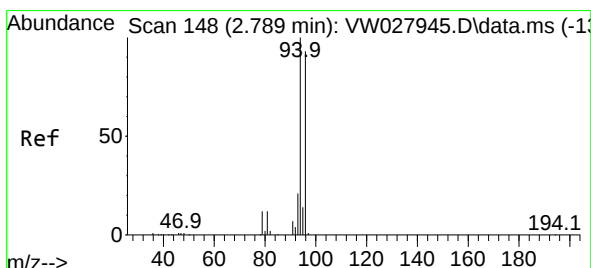
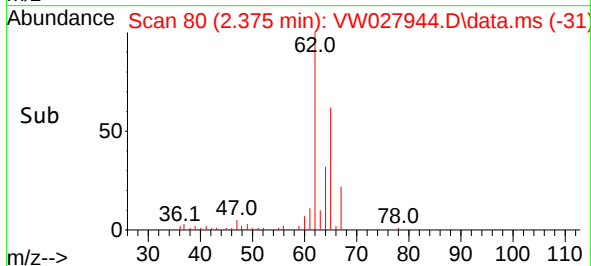
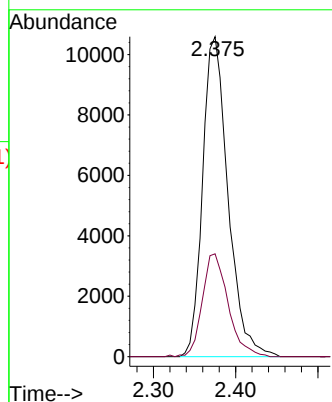
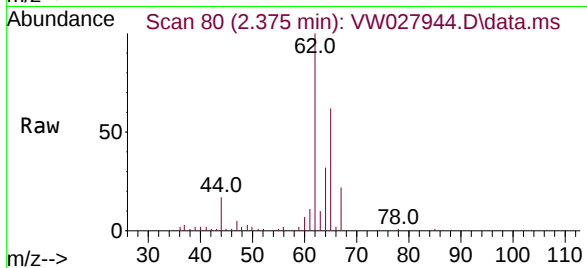
ClientSampleId :

Tgt Ion: 62 Resp: 22754

Ion Ratio Lower Upper

62 100

64 32.2 23.0 42.6



#6

Bromomethane

Concen: 5.425 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW027944.D

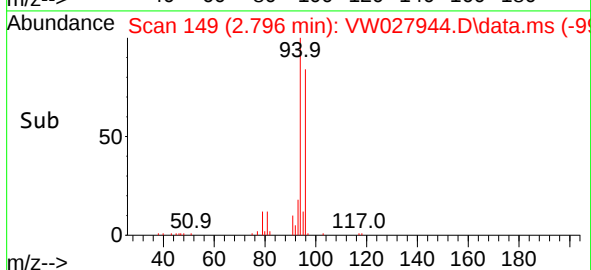
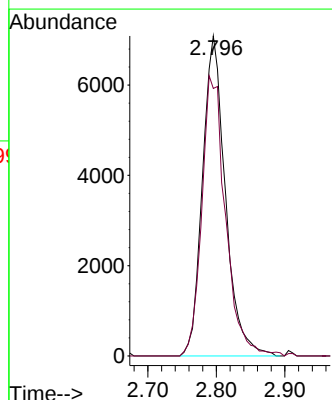
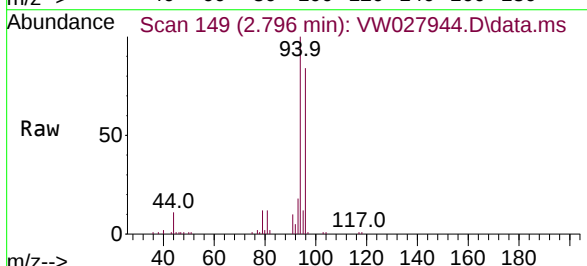
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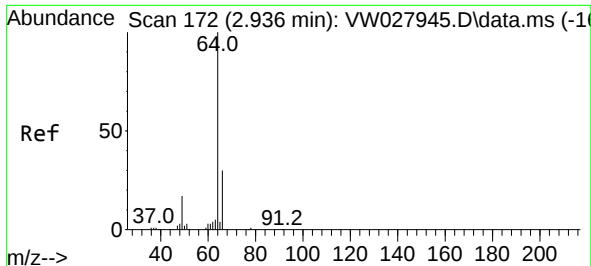
Tgt Ion: 94 Resp: 16513

Ion Ratio Lower Upper

94 100

96 83.6 65.3 121.3

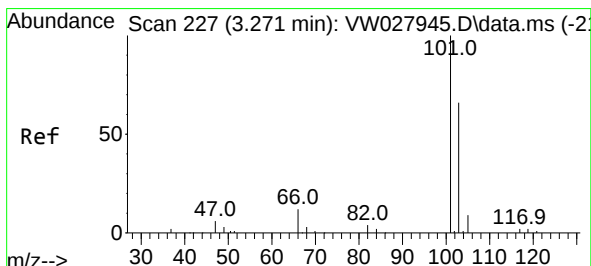
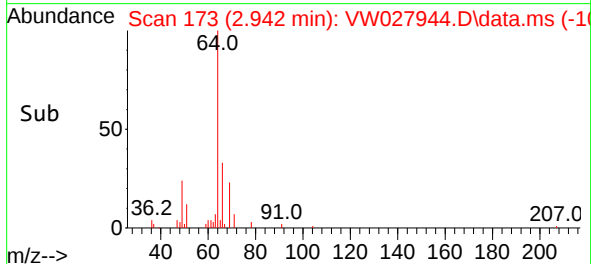
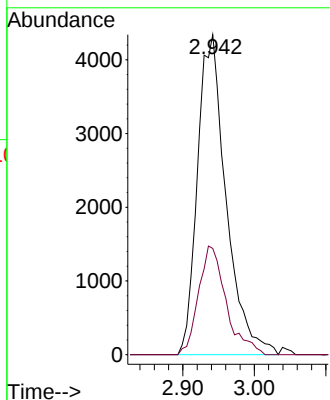
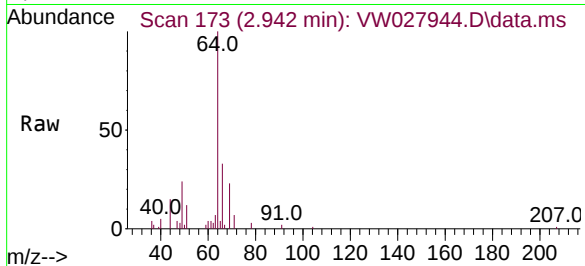




#8
Chloroethane
Concen: 4.951 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

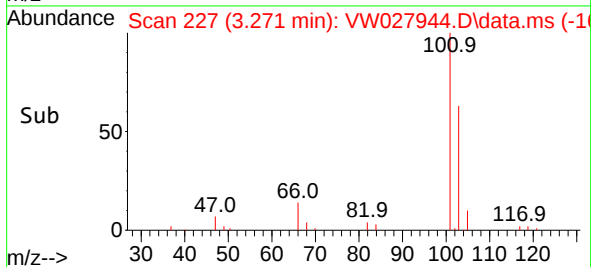
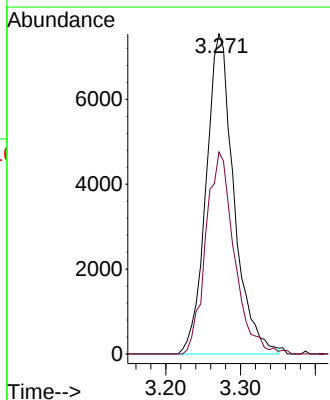
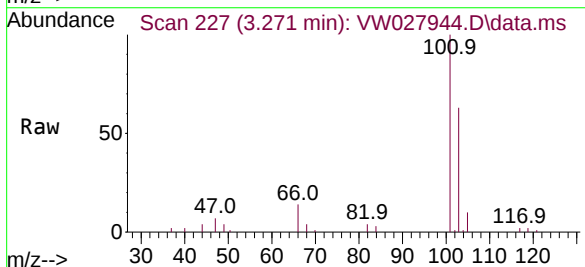
Instrument :
MSVOA_W
ClientSampleId :

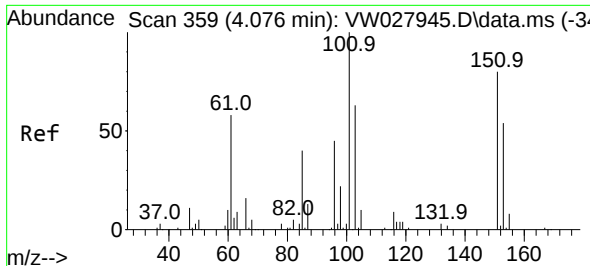
Tgt Ion: 64 Resp: 12051
Ion Ratio Lower Upper
64 100
66 33.2 20.9 38.7



#9
Trichlorofluoromethane
Concen: 4.983 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion:101 Resp: 19508
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4

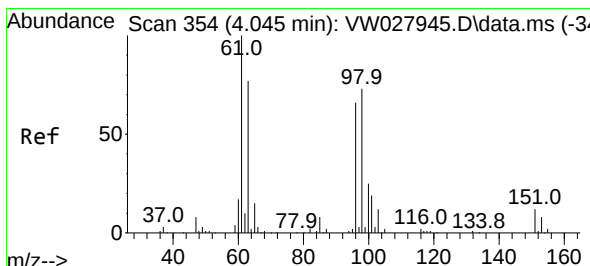
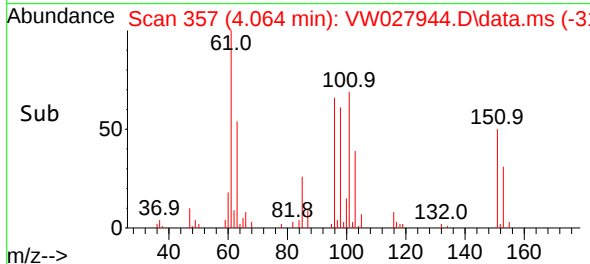
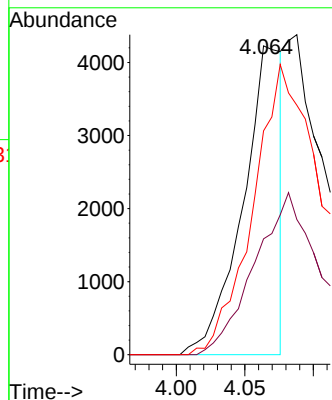
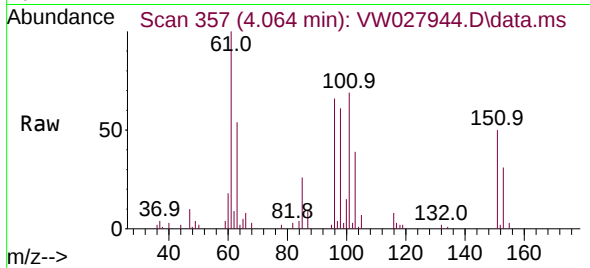




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.139 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.012 min
 Lab File: VW027944.D
 Acq: 05 Feb 2024 10:07

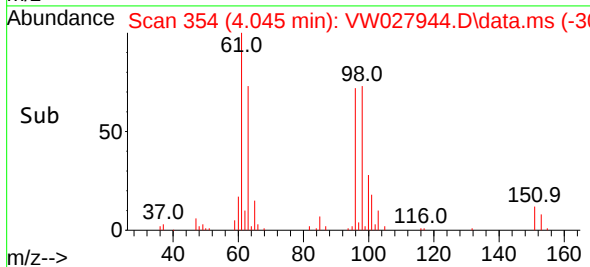
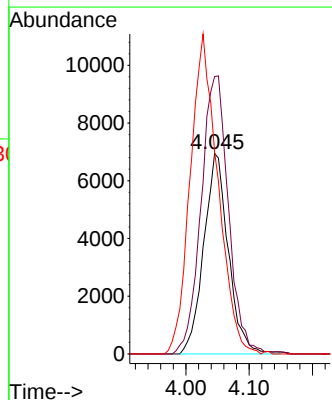
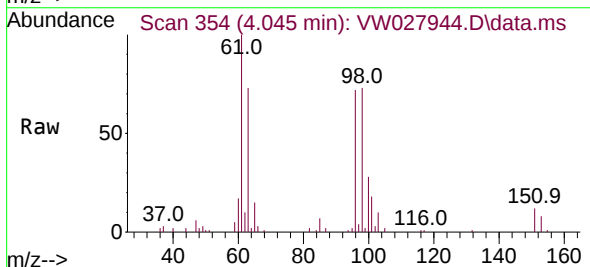
Instrument :
 MSVOA_W
 ClientSampleId :

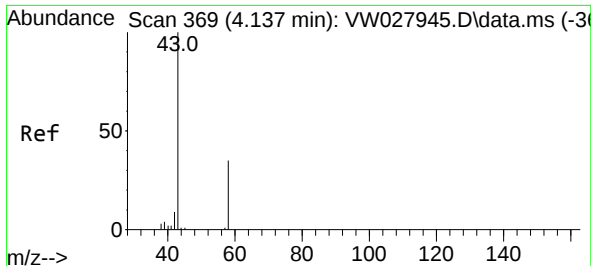
Tgt Ion:101 Resp: 8352
 Ion Ratio Lower Upper
 101 100
 85 93.0 33.8 50.6#
 151 187.5 62.6 93.8#



#12
 1,1-Dichloroethene
 Concen: 5.122 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027944.D
 Acq: 05 Feb 2024 10:07

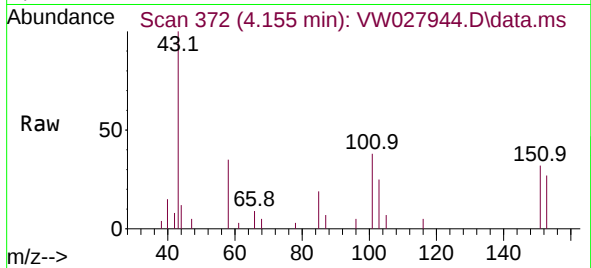
Tgt Ion: 96 Resp: 18802
 Ion Ratio Lower Upper
 96 100
 61 138.4 107.4 199.4
 63 100.7 86.0 159.6



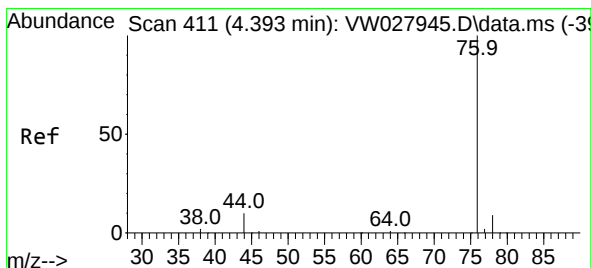
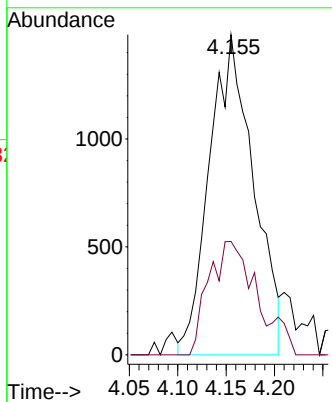
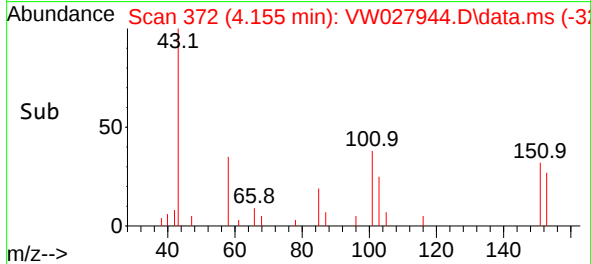


#13
Acetone
Concen: 7.989 ug/L
RT: 4.155 min Scan# 31
Delta R.T. 0.018 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Instrument :
MSVOA_W
ClientSampleId :

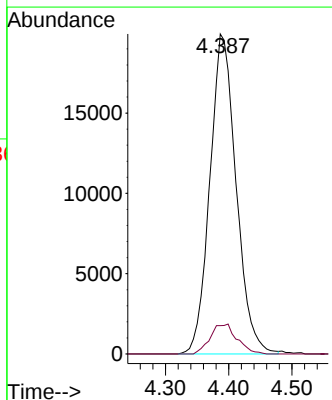
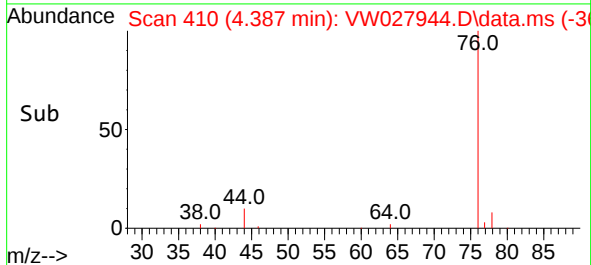
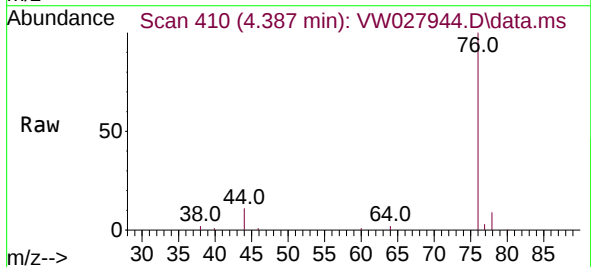


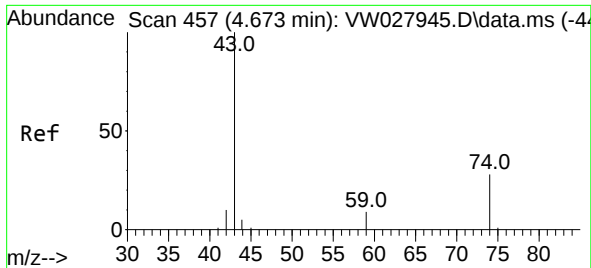
Tgt Ion: 43 Resp: 4699
Ion Ratio Lower Upper
43 100
58 23.3 0.0 66.0



#14
Carbon disulfide
Concen: 5.288 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion: 76 Resp: 57476
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

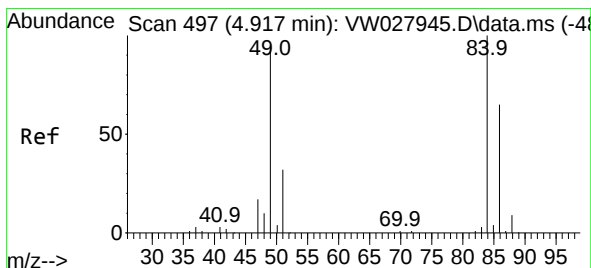
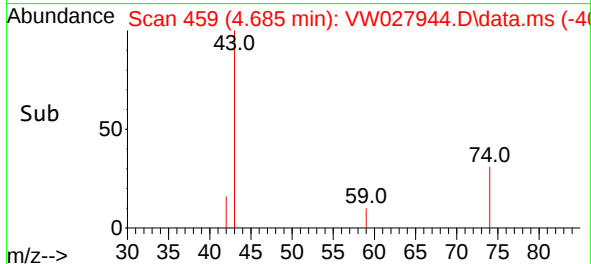
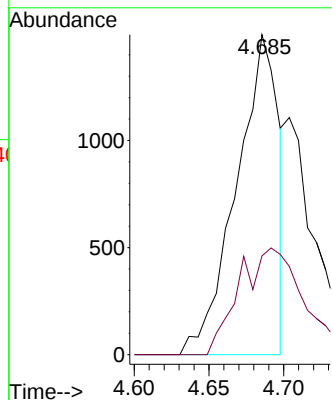
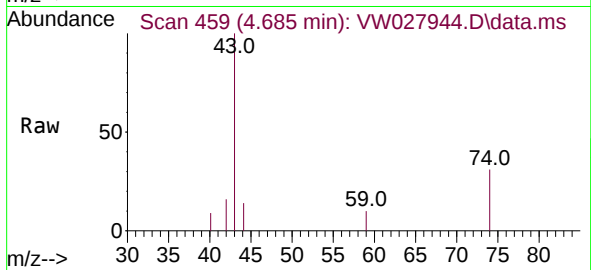




#15
Methyl Acetate
Concen: 2.951 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

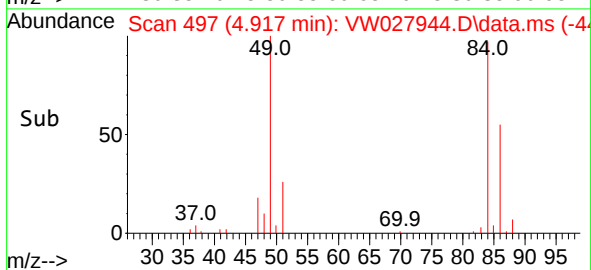
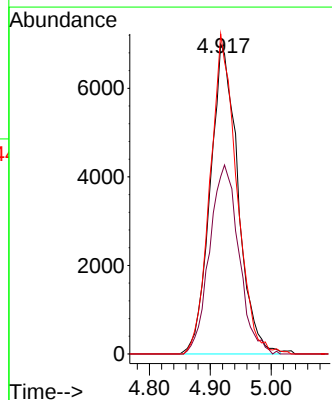
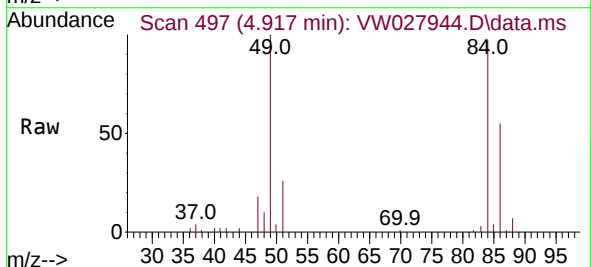
Instrument :
MSVOA_W
ClientSampleId :

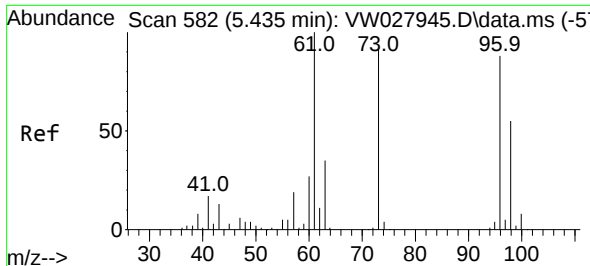
Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
74 35.6 24.2 36.2



#16
Methylene chloride
Concen: 5.251 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion: 84 Resp: 22058
Ion Ratio Lower Upper
84 100
86 57.2 45.4 84.4
49 103.3 66.3 123.1





#17

trans-1,2-Dichloroethene

Concen: 5.099 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

ClientSampleId :

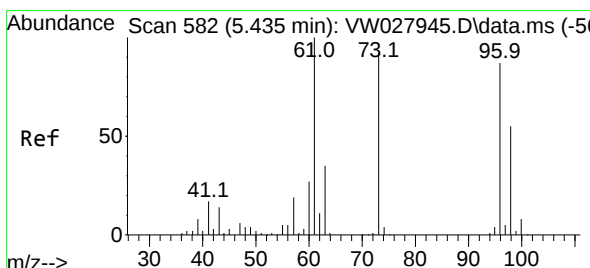
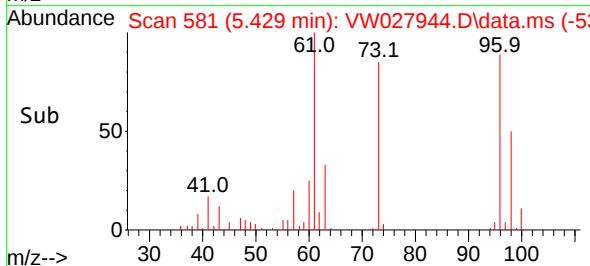
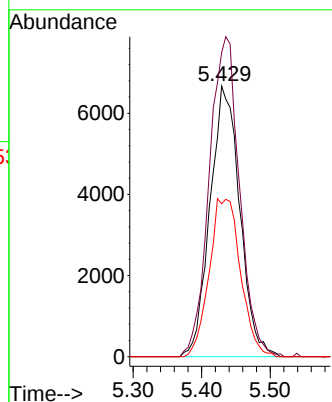
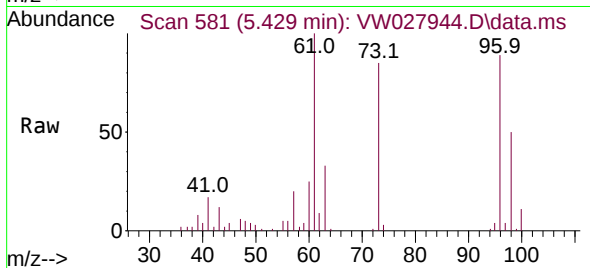
Tgt Ion: 96 Resp: 20112

Ion Ratio Lower Upper

96 100

61 112.3 80.1 148.7

98 56.5 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 4.905 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

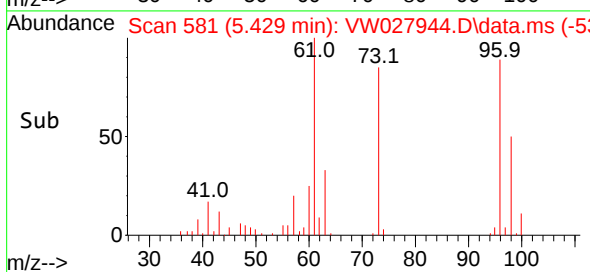
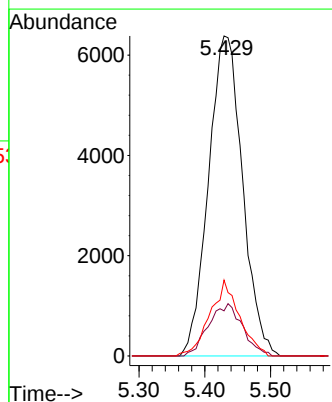
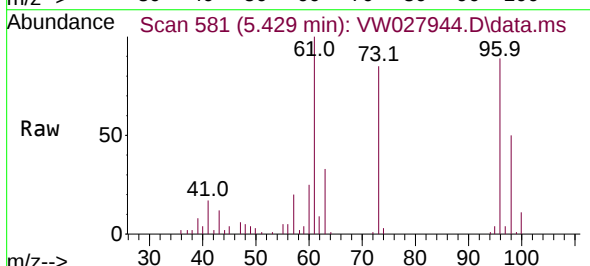
Tgt Ion: 73 Resp: 22936

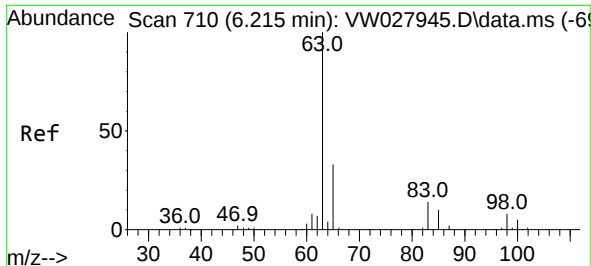
Ion Ratio Lower Upper

73 100

43 8.3 13.4 20.0#

57 20.6 16.3 24.5





#19

1,1-Dichloroethane

Concen: 5.037 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

ClientSampleId :

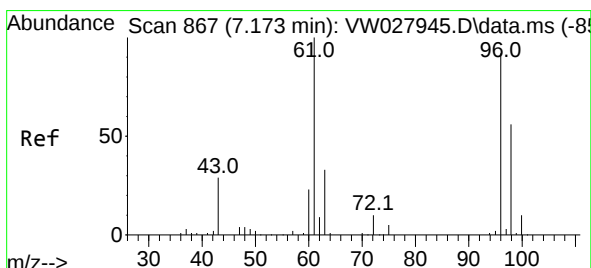
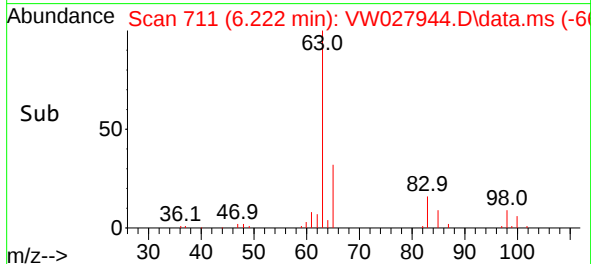
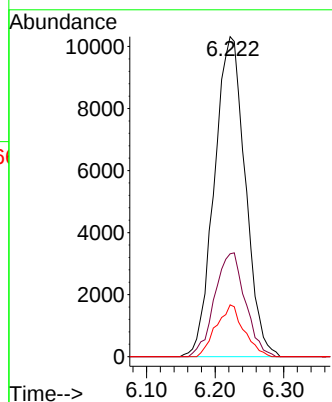
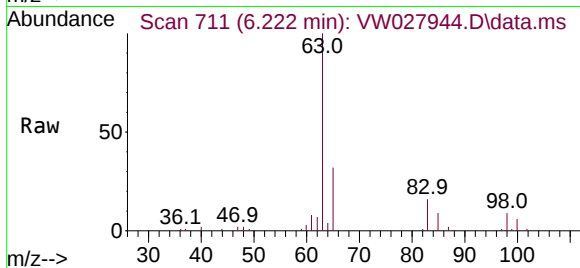
Tgt Ion: 63 Resp: 32273

Ion Ratio Lower Upper

63 100

65 32.2 23.1 42.9

83 16.2 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 4.857 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

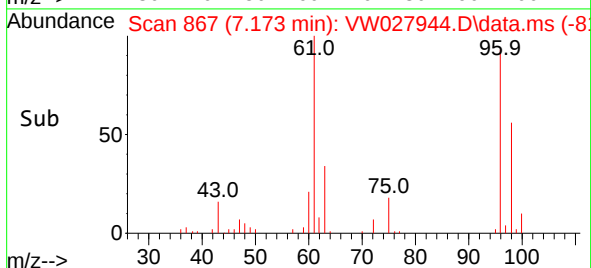
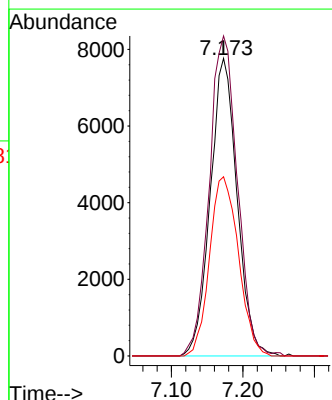
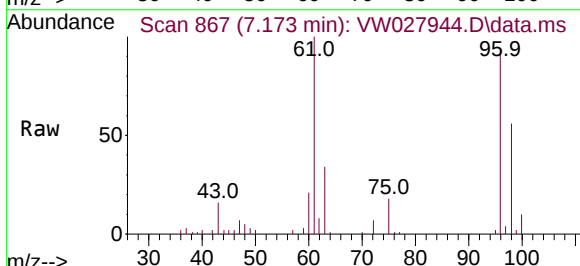
Tgt Ion: 96 Resp: 20231

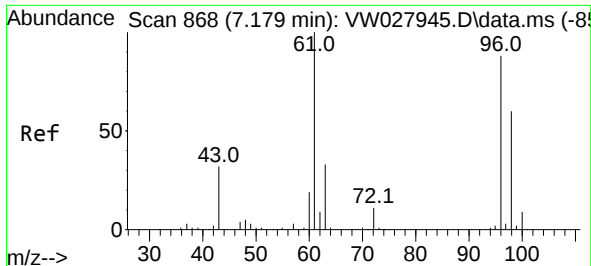
Ion Ratio Lower Upper

96 100

61 107.5 76.3 141.7

98 60.2 42.9 79.7





#22

2-Butanone

Concen: 8.674 ug/L

RT: 7.185 min Scan# 869

Delta R.T. 0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

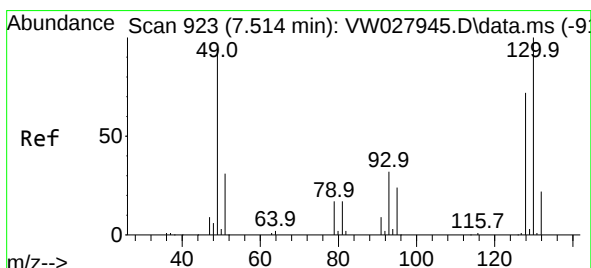
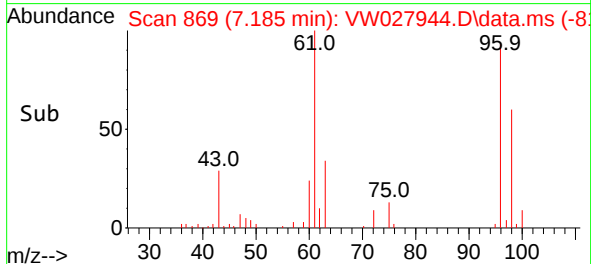
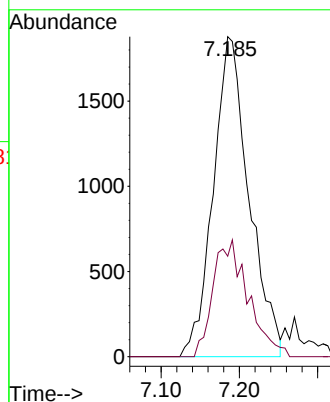
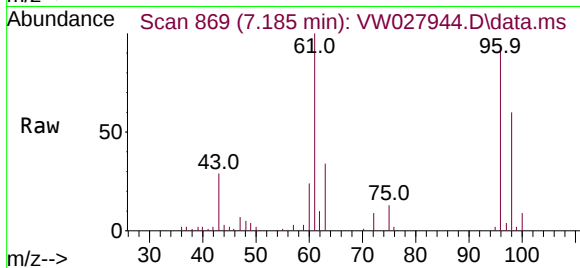
ClientSampleId :

Tgt Ion: 43 Resp: 5955

Ion Ratio Lower Upper

43 100

72 16.6 17.0 50.9#



#23

Bromochloromethane

Concen: 5.002 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Tgt Ion: 128 Resp: 9254

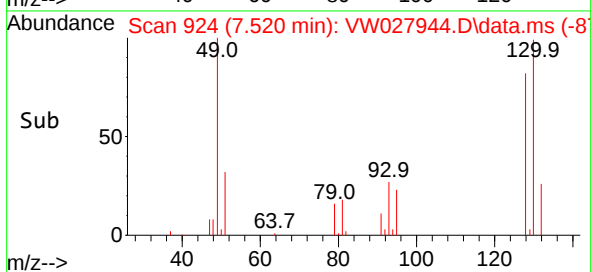
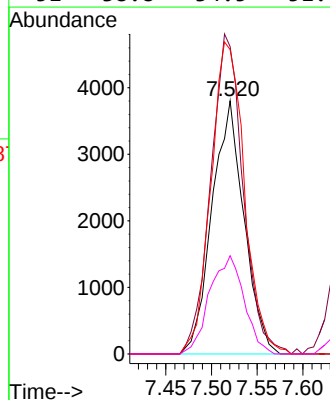
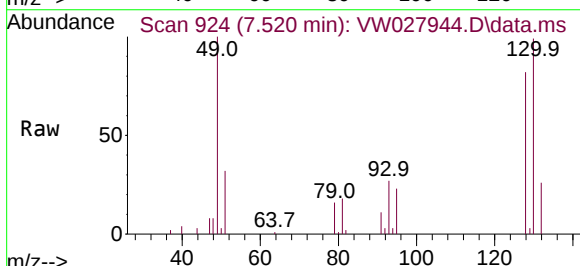
Ion Ratio Lower Upper

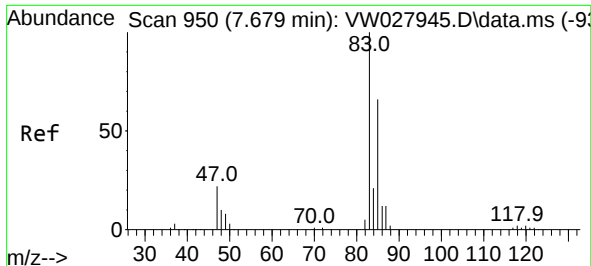
128 100

49 121.4 93.2 173.2

130 120.2 97.4 180.8

51 38.8 34.5 51.7

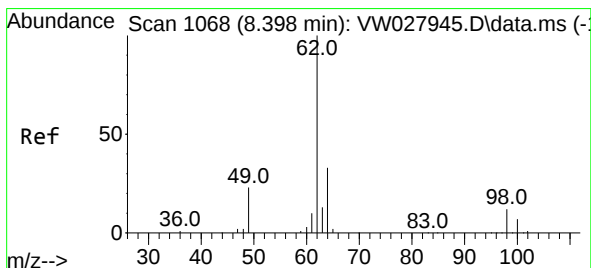
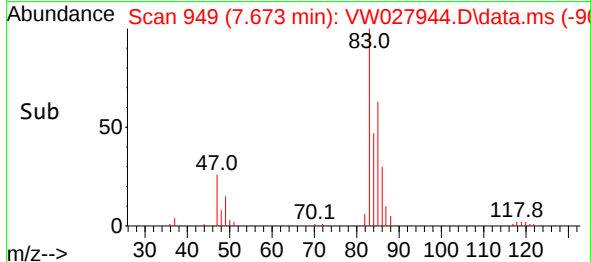
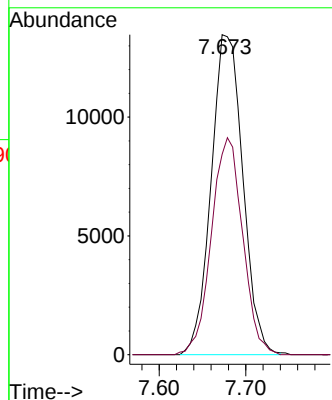
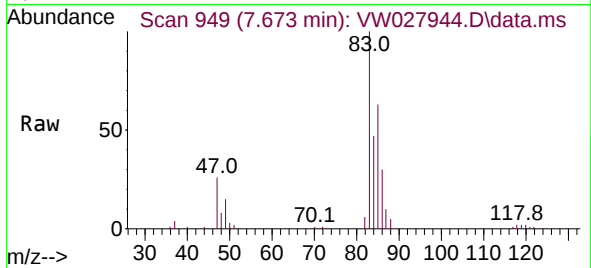




#25
Chloroform
Concen: 4.981 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

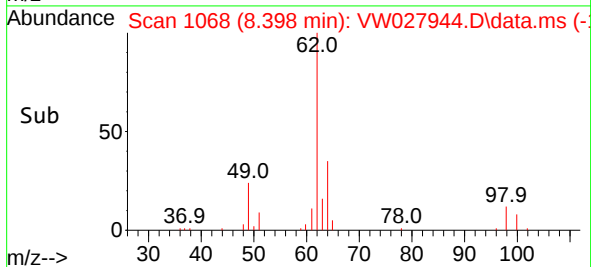
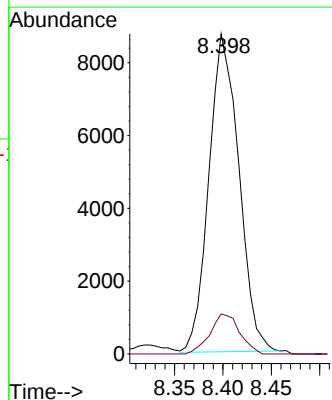
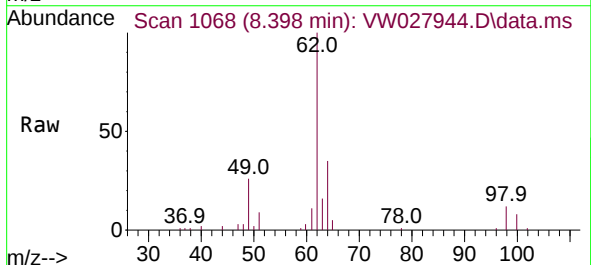
Instrument :
MSVOA_W
ClientSampleId :

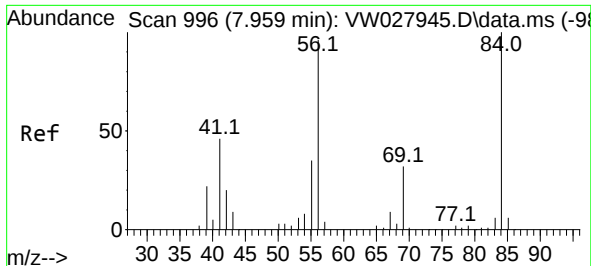
Tgt Ion: 83 Resp: 34309
Ion Ratio Lower Upper
83 100
85 62.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 4.911 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion: 62 Resp: 18838
Ion Ratio Lower Upper
62 100
98 12.5 9.4 14.2

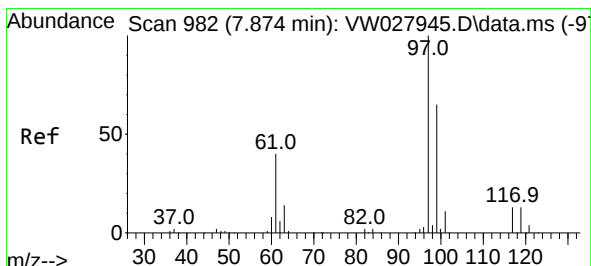
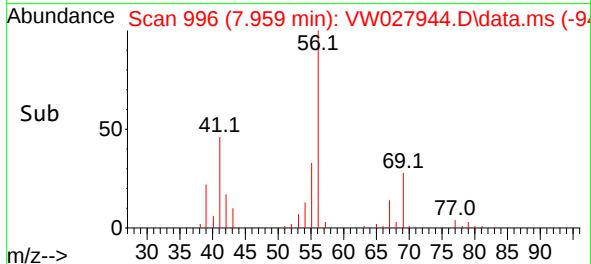
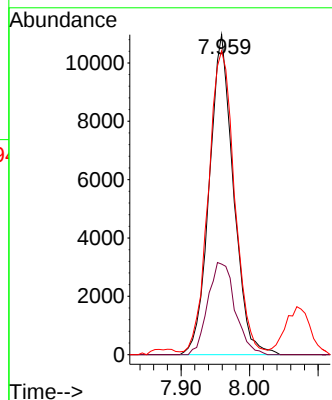
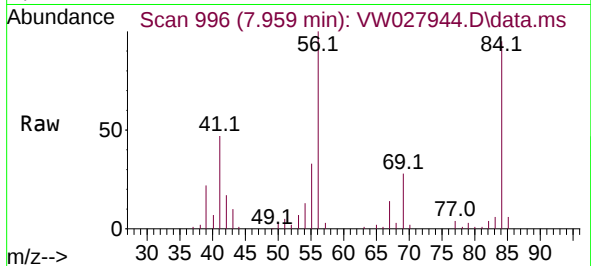




#29
Cyclohexane
Concen: 5.081 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

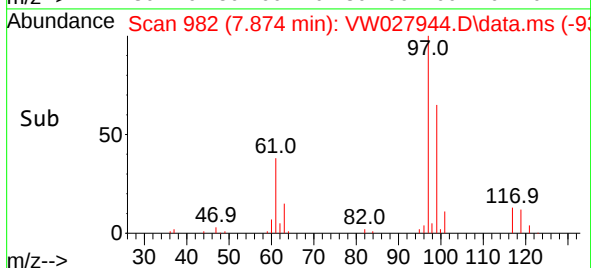
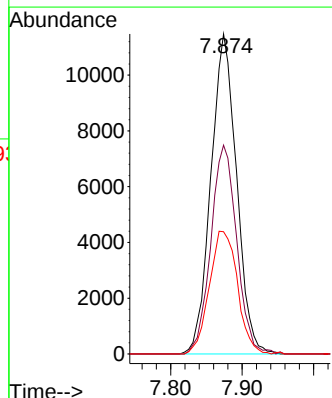
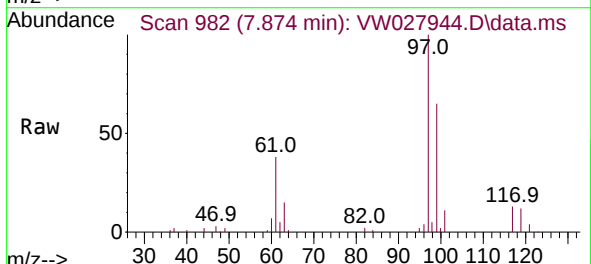
Instrument :
MSVOA_W
ClientSampleId :

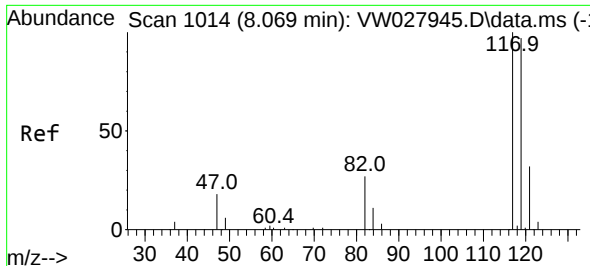
Tgt Ion:	56	Resp:	26817
Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.3	39.5
84	103.5	81.6	122.4



#30
1,1,1-Trichloroethane
Concen: 5.009 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

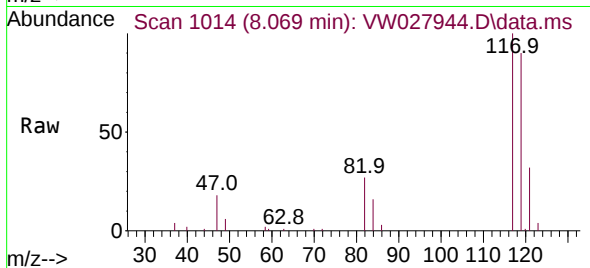
Tgt Ion:	97	Resp:	28632
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.0
61	42.0	32.9	49.3



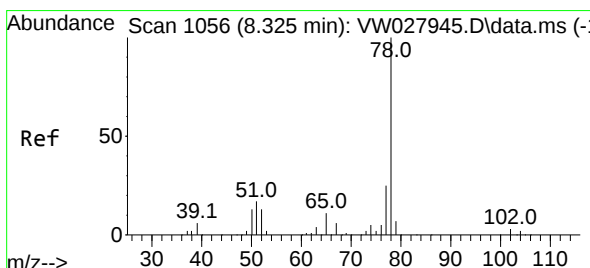
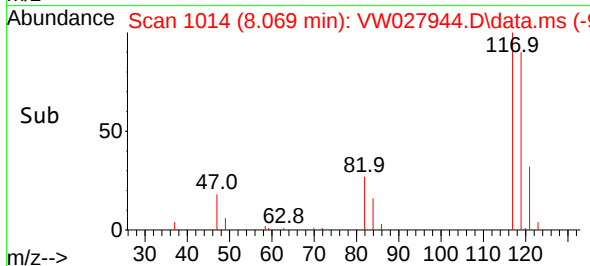
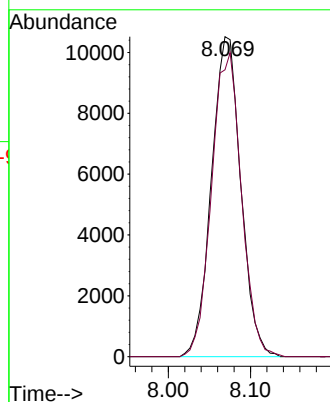


#31
Carbon tetrachloride
Concen: 4.930 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Instrument :
MSVOA_W
ClientSampleId :

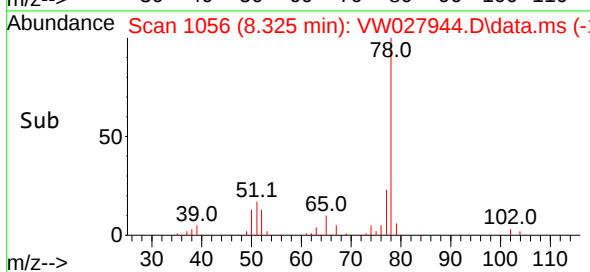
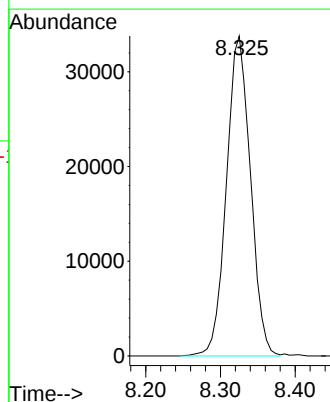
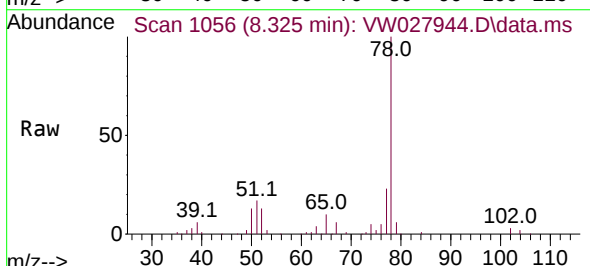


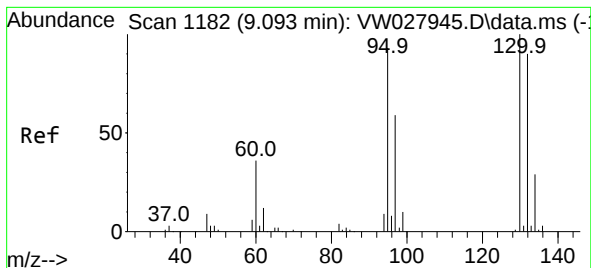
Tgt Ion:117 Resp: 26067
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7



#33
Benzene
Concen: 5.115 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion: 78 Resp: 75650





#34

Trichloroethene

Concen: 5.009 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 21267

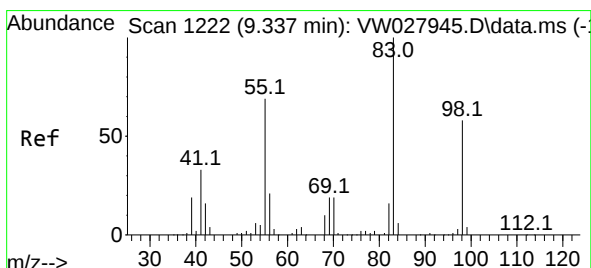
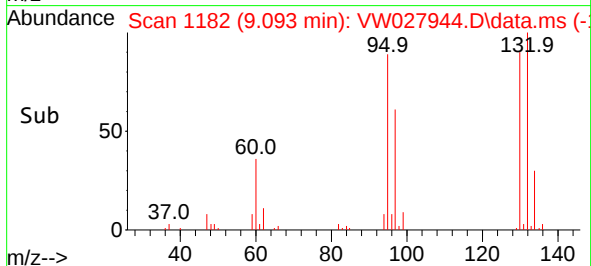
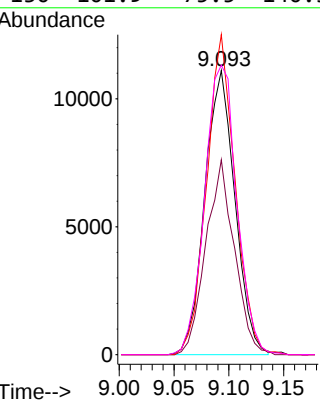
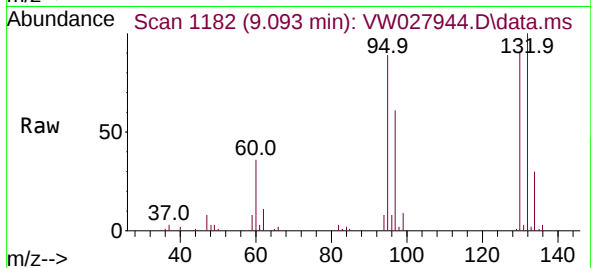
Ion Ratio Lower Upper

95 100

97 68.6 44.3 82.3

132 112.6 68.0 126.2

130 101.9 75.5 140.3



#35

Methylcyclohexane

Concen: 5.189 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

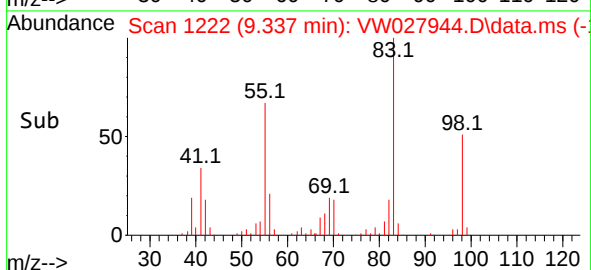
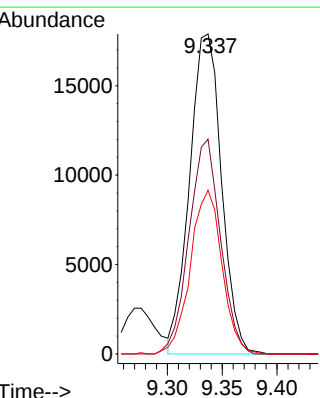
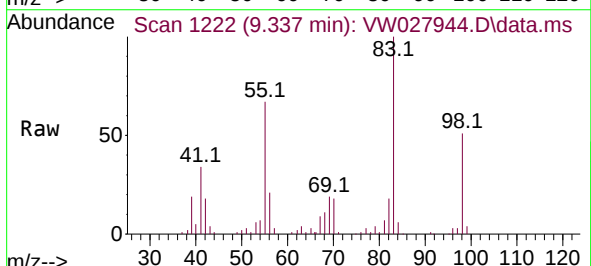
Tgt Ion: 83 Resp: 36253

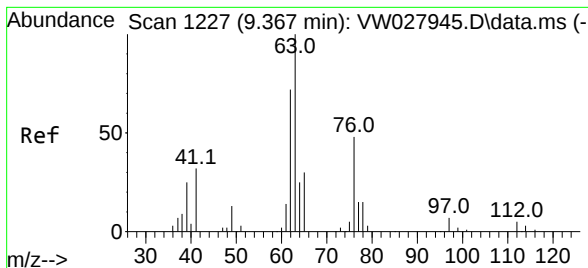
Ion Ratio Lower Upper

83 100

55 66.1 52.3 78.5

98 50.7 41.9 62.9





#37

1,2-Dichloropropane

Concen: 5.017 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

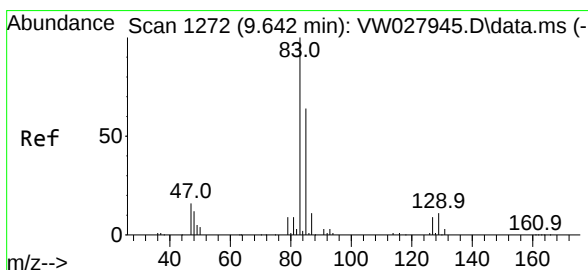
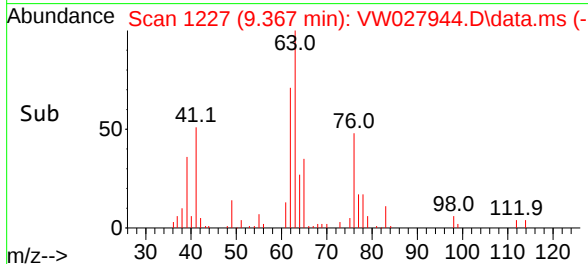
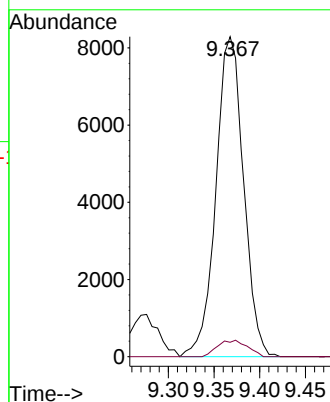
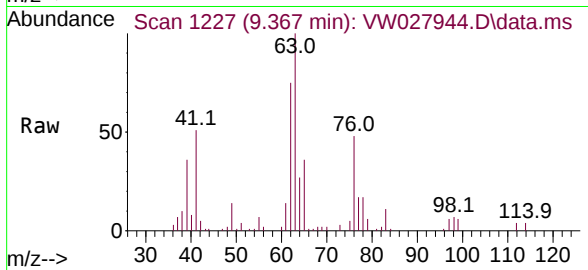
ClientSampleId :

Tgt Ion: 63 Resp: 17434

Ion Ratio Lower Upper

63 100

112 5.5 4.2 6.2



#38

Bromodichloromethane

Concen: 4.959 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

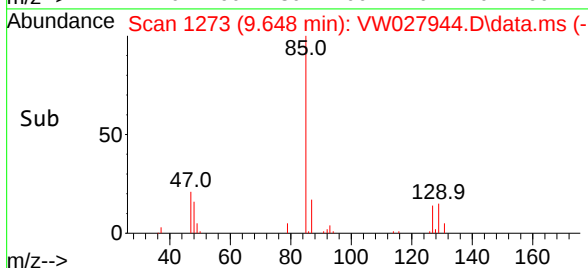
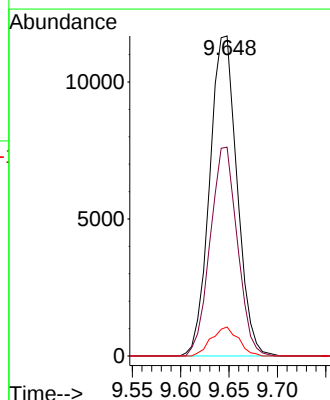
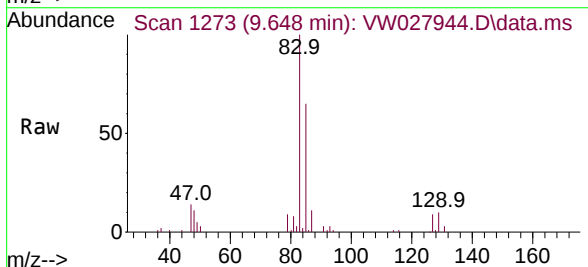
Tgt Ion: 83 Resp: 23004

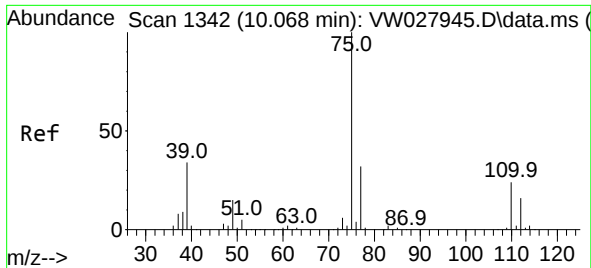
Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1

127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.662 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

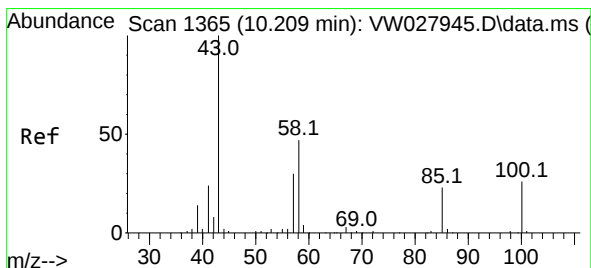
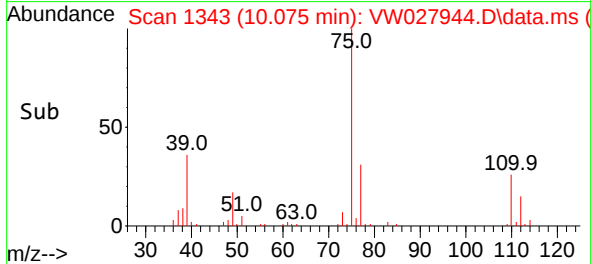
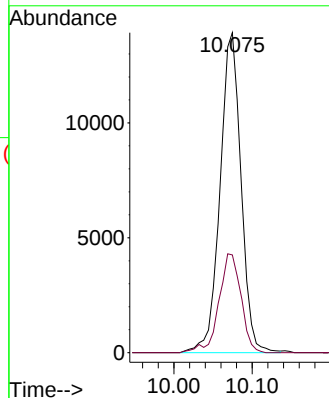
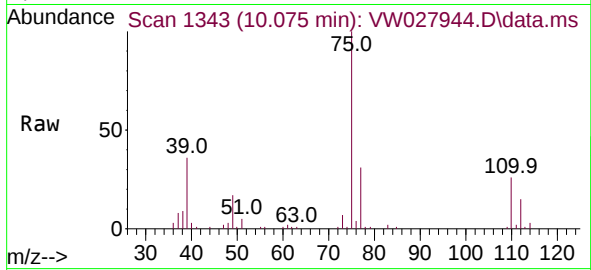
ClientSampleId :

Tgt Ion: 75 Resp: 25967

Ion Ratio Lower Upper

75 100

77 30.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 8.999 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

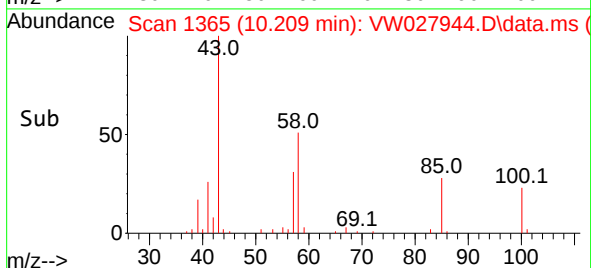
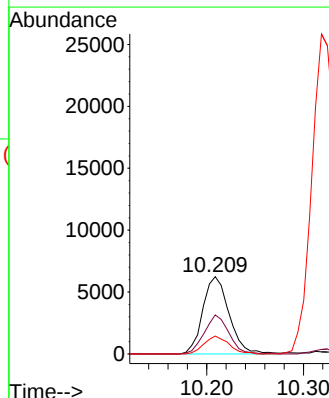
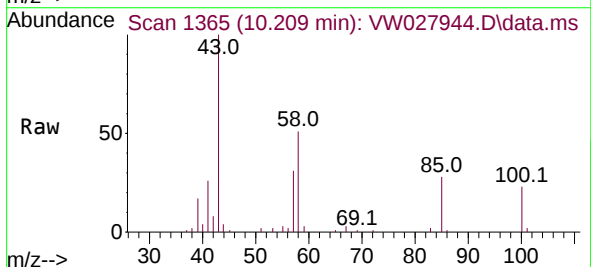
Tgt Ion: 43 Resp: 11803

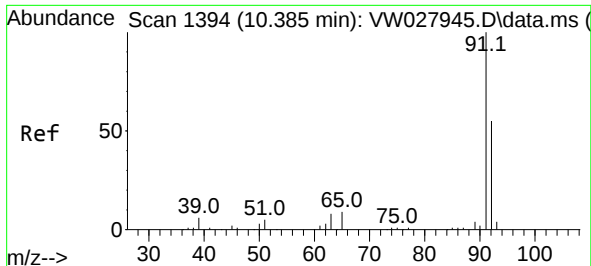
Ion Ratio Lower Upper

43 100

58 46.9 36.7 55.1

100 21.6 18.4 27.6





#42

Toluene

Concen: 4.982 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

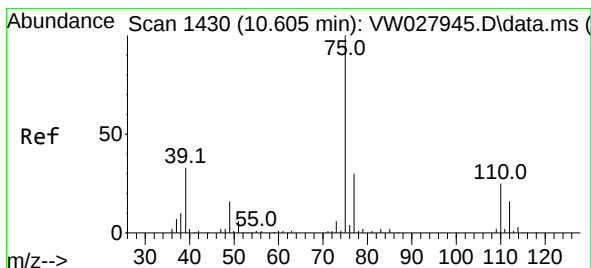
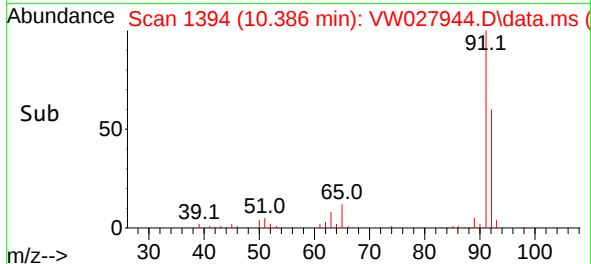
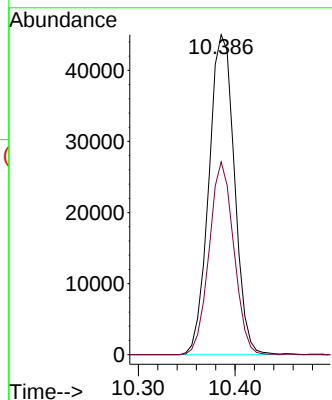
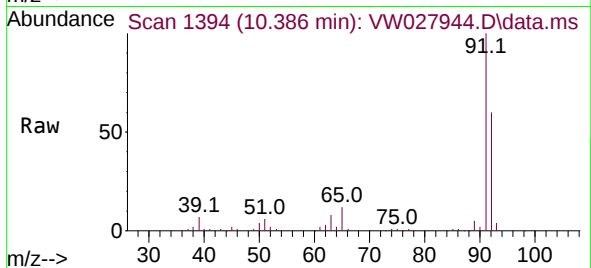
ClientSampleId :

Tgt Ion: 91 Resp: 82614

Ion Ratio Lower Upper

91 100

92 60.3 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 4.640 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027944.D

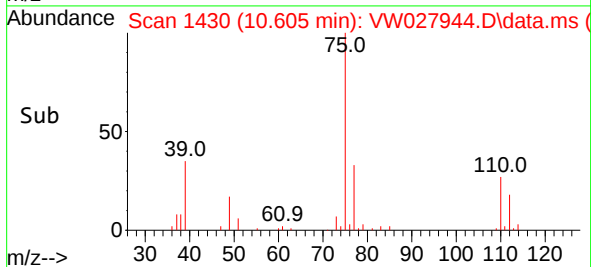
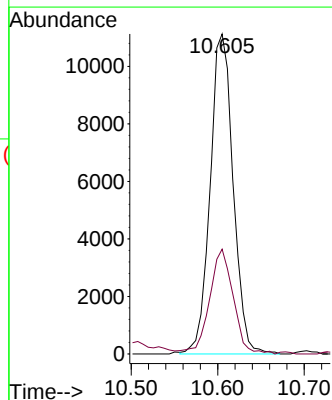
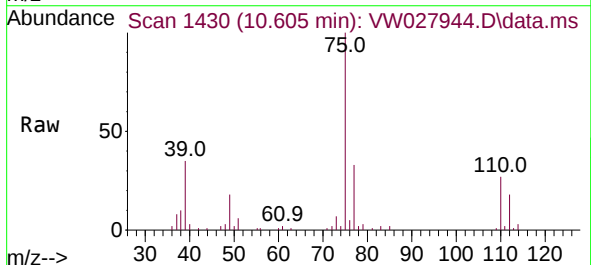
Acq: 05 Feb 2024 10:07

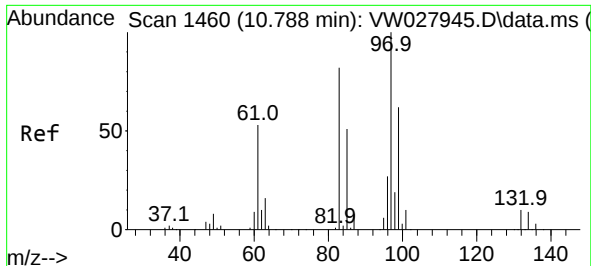
Tgt Ion: 75 Resp: 20513

Ion Ratio Lower Upper

75 100

77 32.8 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 5.005 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 13768

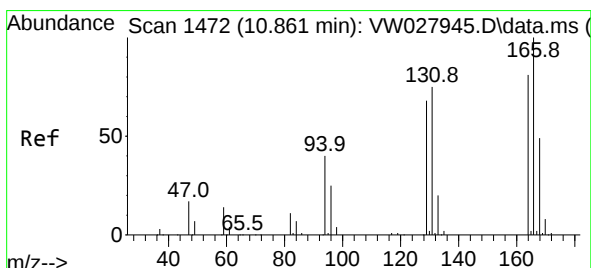
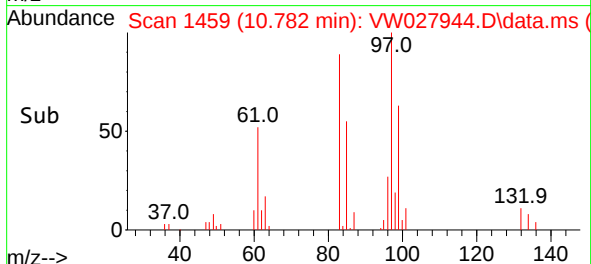
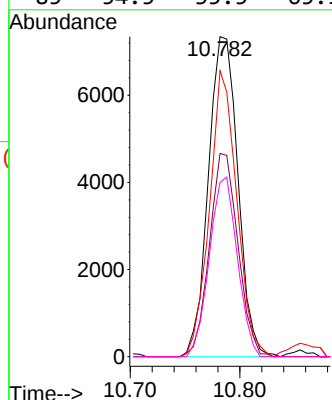
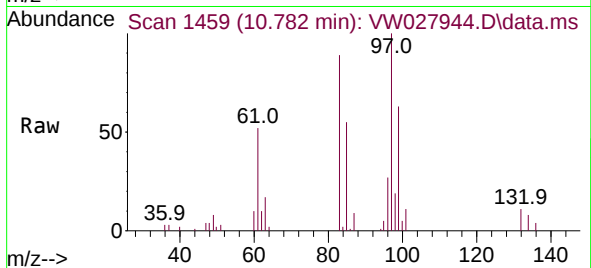
Ion Ratio Lower Upper

97 100

99 63.5 43.3 80.5

83 89.4 57.2 106.2

85 54.5 35.5 65.9



#46

Tetrachloroethene

Concen: 5.239 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Tgt Ion:164 Resp: 18715

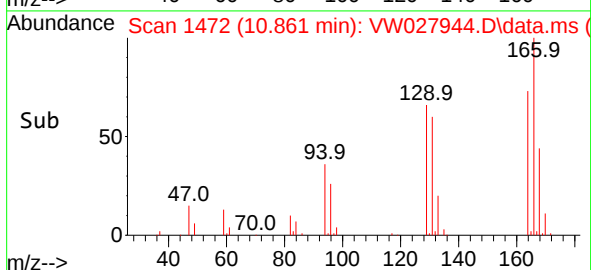
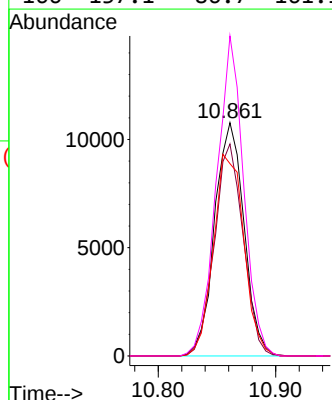
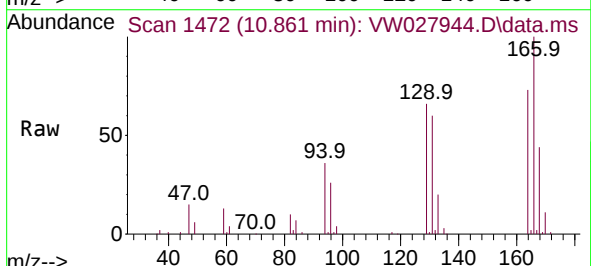
Ion Ratio Lower Upper

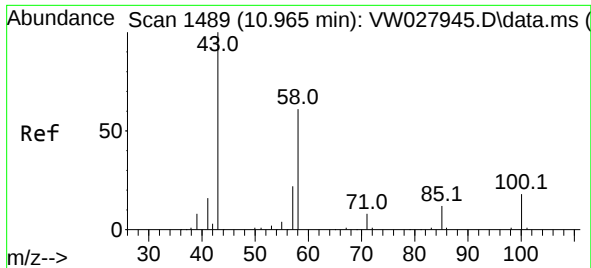
164 100

129 90.8 59.4 110.2

131 82.4 65.0 120.6

166 137.1 86.7 161.1

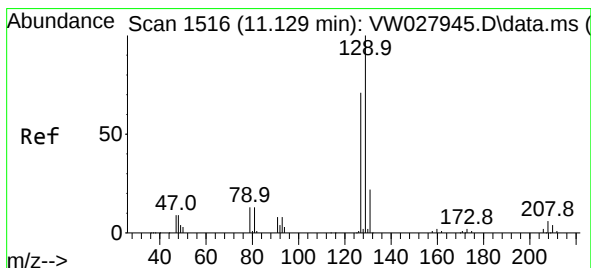
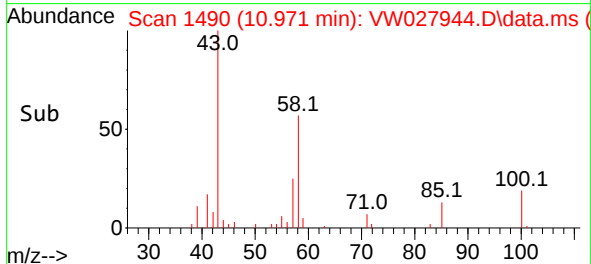
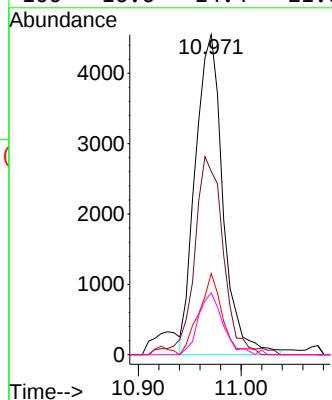
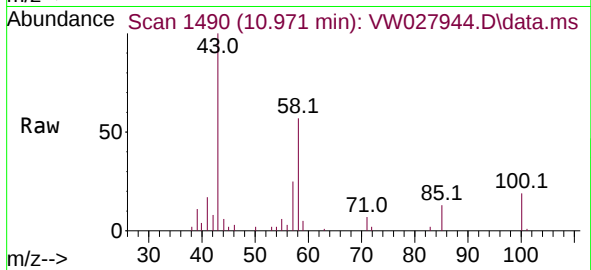




#48
2-Hexanone
Concen: 8.554 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

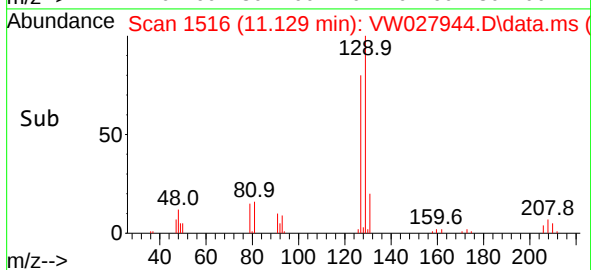
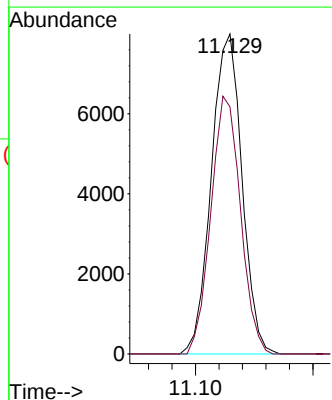
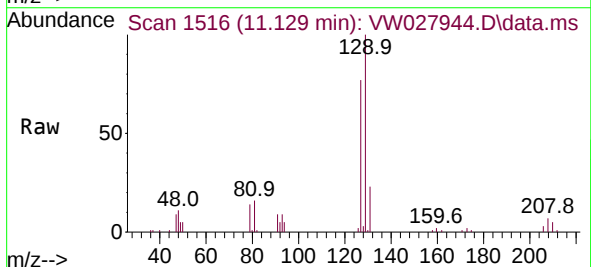
Instrument :
MSVOA_W
ClientSampleId :

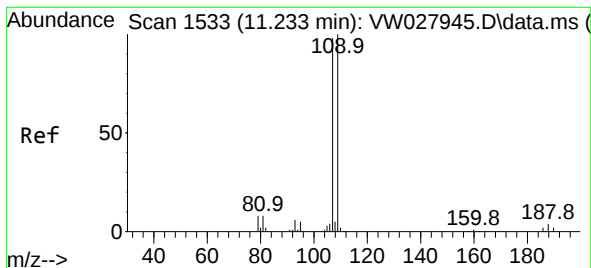
Tgt Ion: 43	Resp: 8498
Ion Ratio	Lower Upper
43 100	
58 58.3	51.4 77.2
57 21.0	17.4 26.2
100 16.6	14.4 21.6



#49
Dibromochloromethane
Concen: 4.620 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion:129	Resp:	14487	
Ion	Ratio	Lower	Upper
129	100		
127	77.3	49.6	92.0





#50

1,2-Dibromoethane

Concen: 4.834 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027944.D

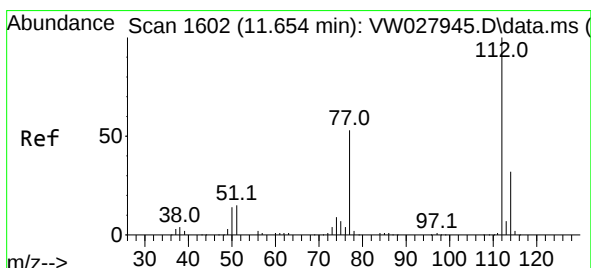
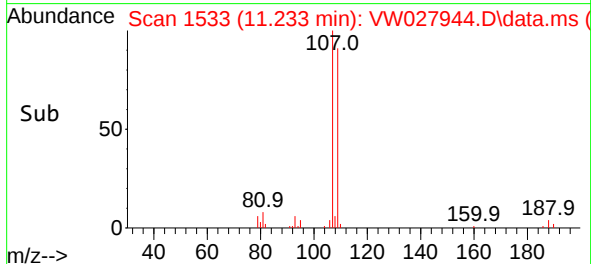
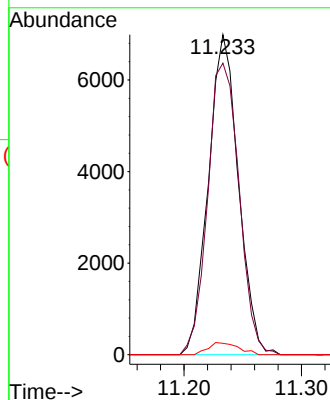
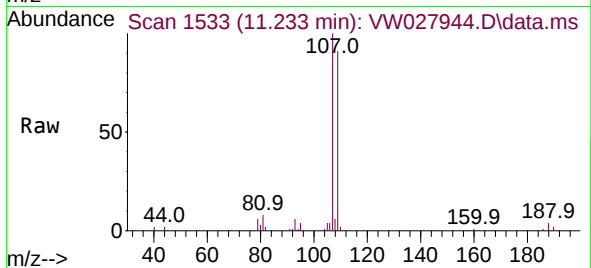
Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	12411
Ion	Ratio	Lower Upper
107	100	
109	91.1	71.2 132.2
188	3.5	3.1 4.7



#51

Chlorobenzene

Concen: 5.144 ug/L

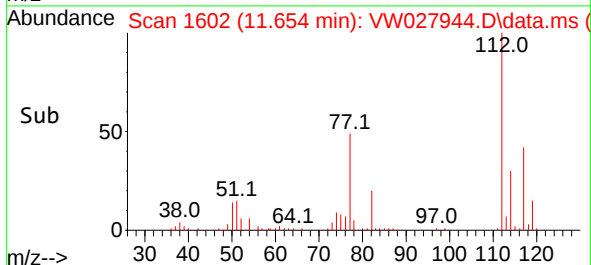
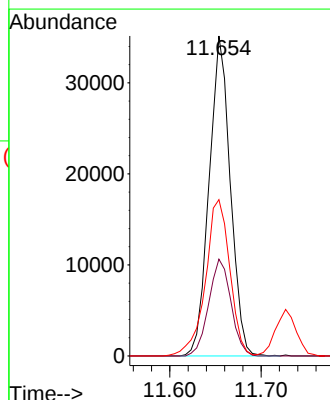
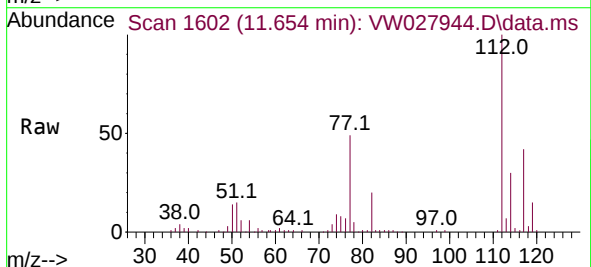
RT: 11.654 min Scan# 1602

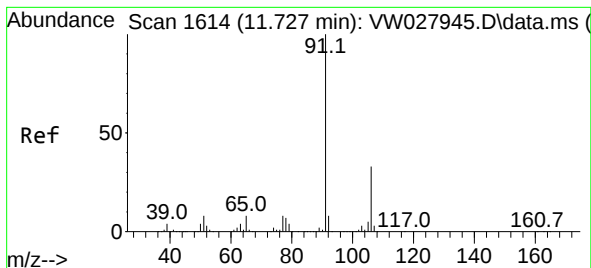
Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Tgt Ion:112	Resp:	56726
Ion	Ratio	Lower Upper
112	100	
114	30.3	22.7 42.3
77	48.8	42.6 64.0

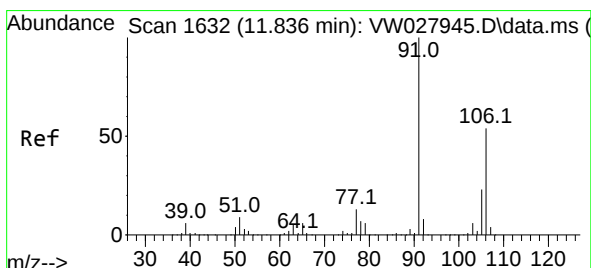
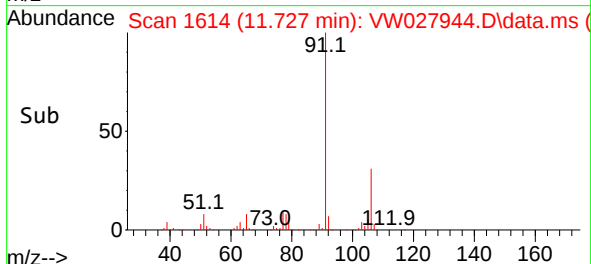
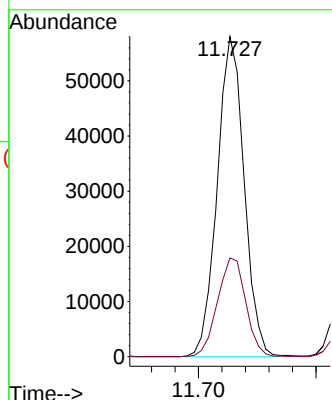
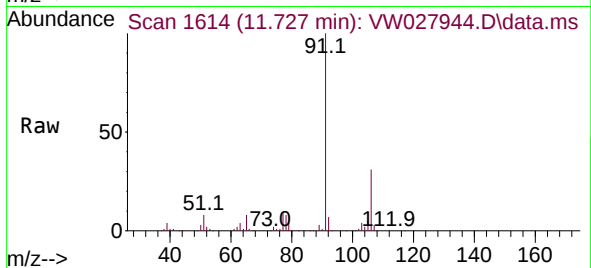




#52
Ethylbenzene
Concen: 4.944 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

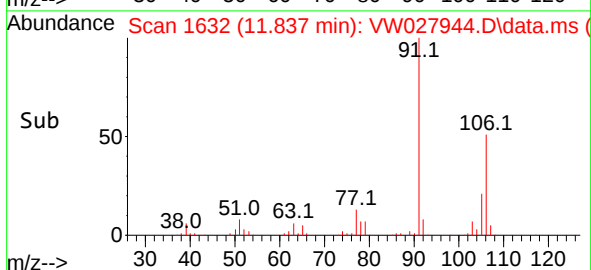
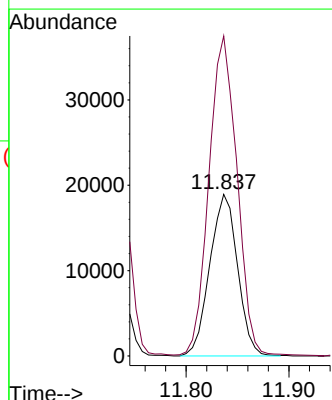
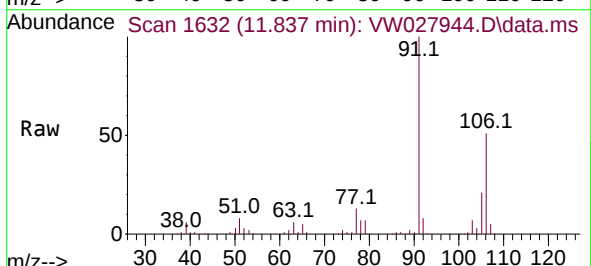
Instrument :
MSVOA_W
ClientSampleId :

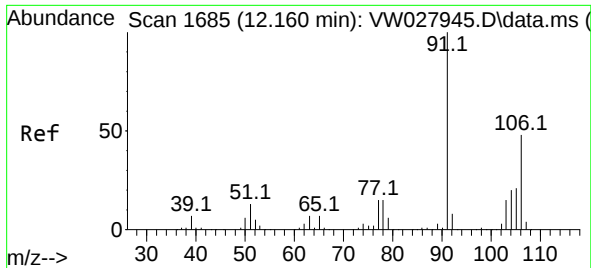
Tgt Ion: 91 Resp: 92424
Ion Ratio Lower Upper
91 100
106 30.8 22.8 42.4



#53
m,p-Xylene
Concen: 4.844 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion:106 Resp: 35516
Ion Ratio Lower Upper
106 100
91 198.0 130.0 241.4

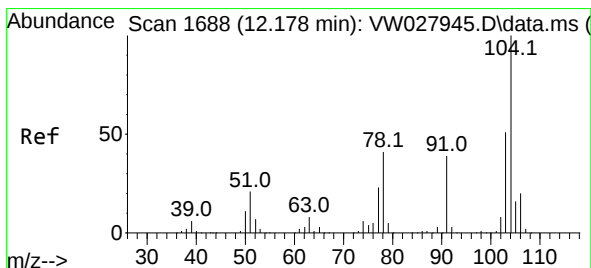
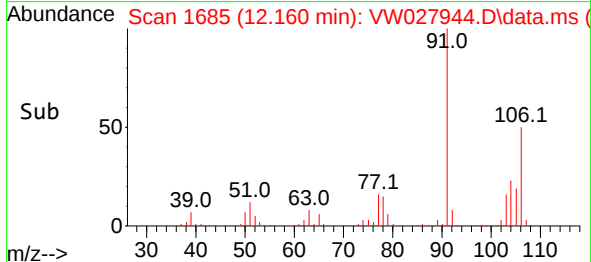
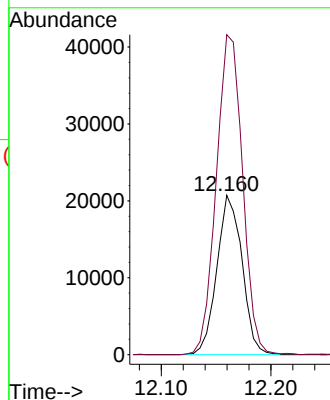
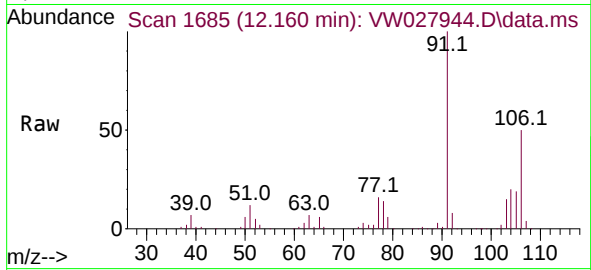




#54
o-Xylene
Concen: 4.815 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

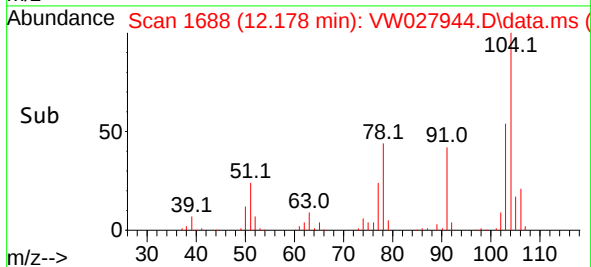
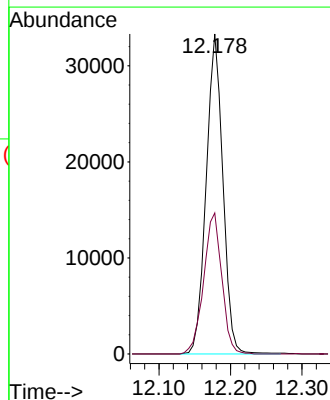
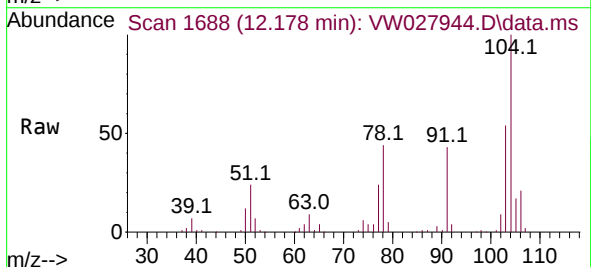
Instrument :
MSVOA_W
ClientSampleId :

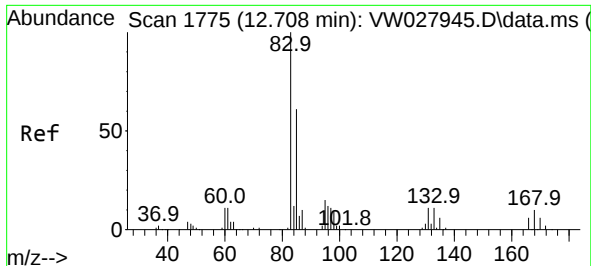
Tgt Ion:106 Resp: 33110
Ion Ratio Lower Upper
106 100
91 200.9 146.4 272.0



#55
Styrene
Concen: 4.719 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion:104 Resp: 54051
Ion Ratio Lower Upper
104 100
78 44.0 28.3 52.7

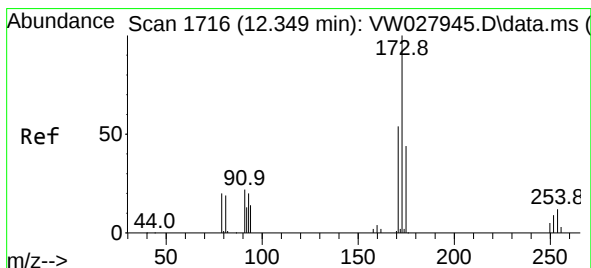
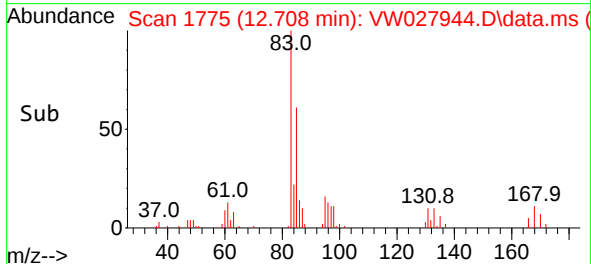
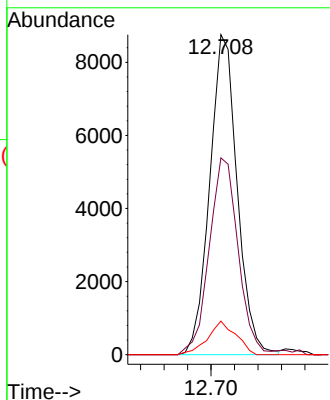
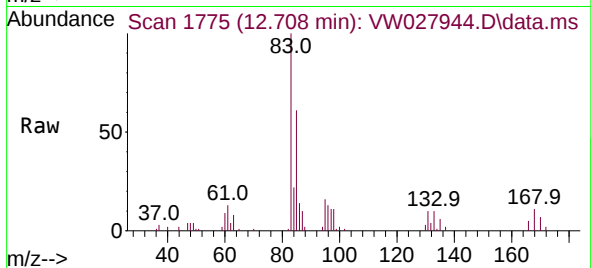




#57
1,1,2,2-Tetrachloroethane
Concen: 4.837 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

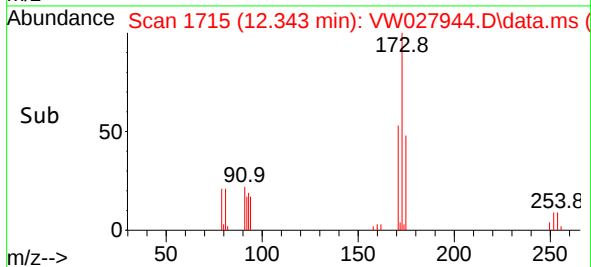
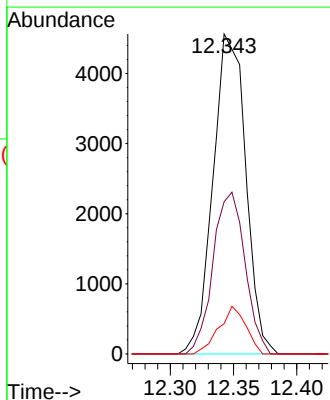
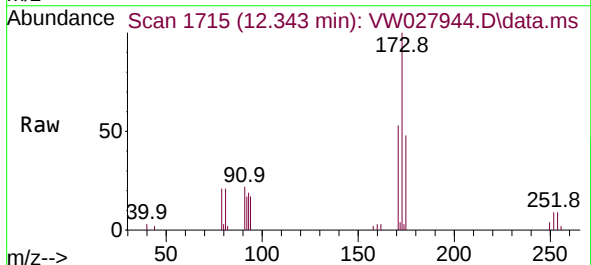
Instrument :
MSVOA_W
ClientSampleId :

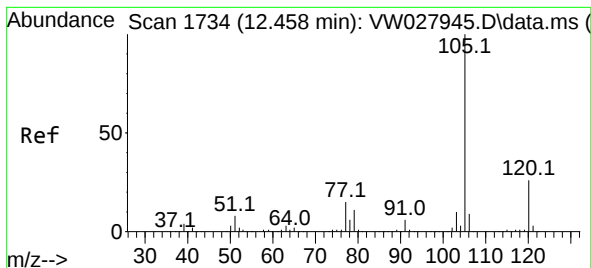
Tgt Ion: 83 Resp: 14248
Ion Ratio Lower Upper
83 100
85 61.5 42.9 79.7
131 10.5 8.7 13.1



#59
Bromoform
Concen: 4.727 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion: 173 Resp: 8202
Ion Ratio Lower Upper
173 100
175 49.5 37.8 56.8
254 12.3 8.4 12.6





#60

Isopropylbenzene

Concen: 5.005 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027944.D

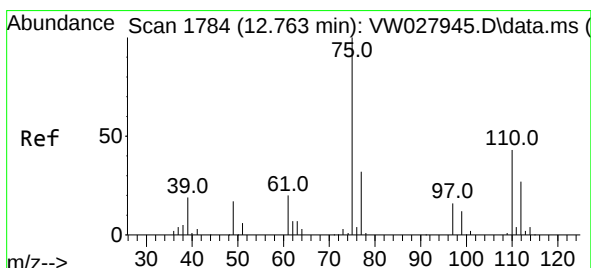
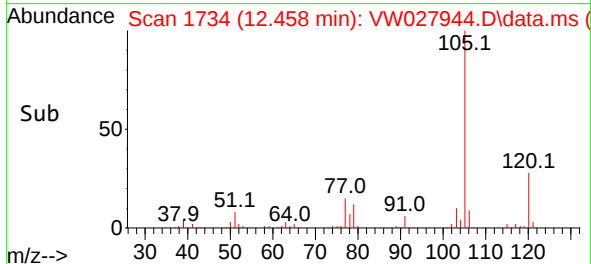
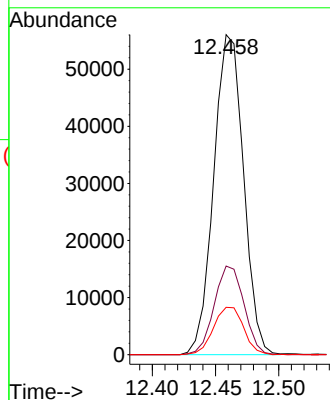
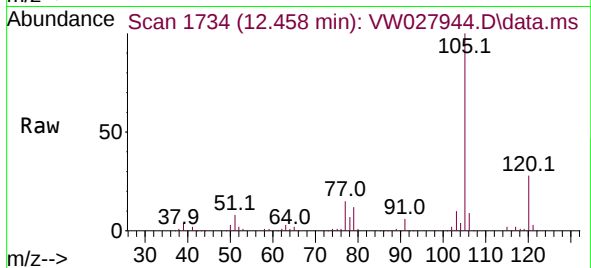
Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	91863
Ion Ratio	Lower	Upper	
105	100		
120	27.6	22.2	33.2
77	15.0	11.8	17.6



#61

1,2,3-Trichloropropane

Concen: 4.990 ug/L

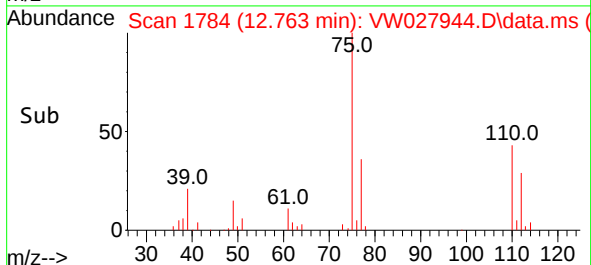
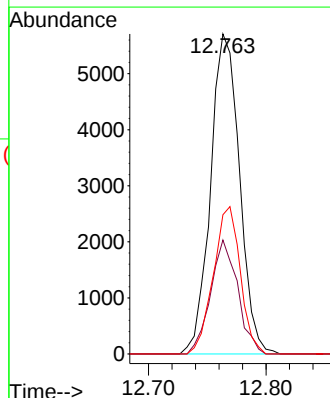
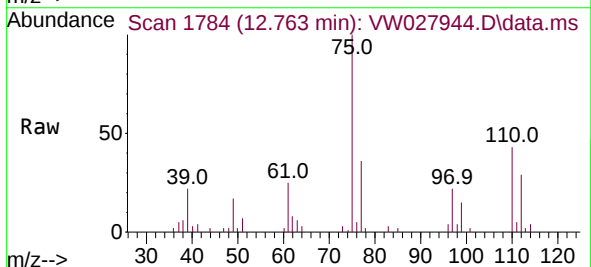
RT: 12.763 min Scan# 1784

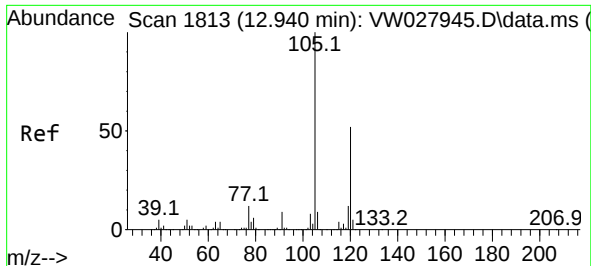
Delta R.T. 0.000 min

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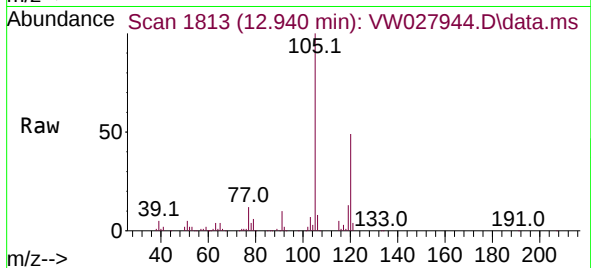
Tgt Ion:	75	Resp:	9790
Ion Ratio	Lower	Upper	
75	100		
77	33.3	26.5	39.7
110	42.8	35.8	53.8



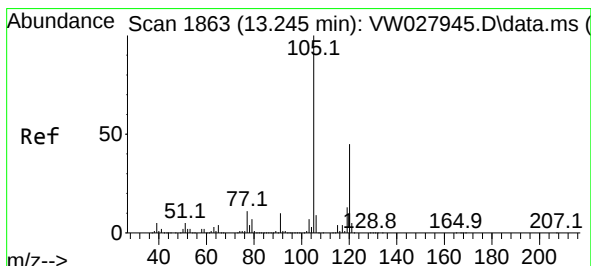
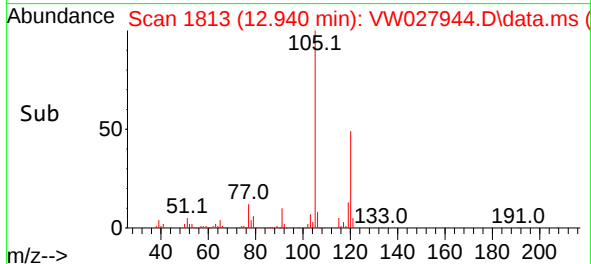
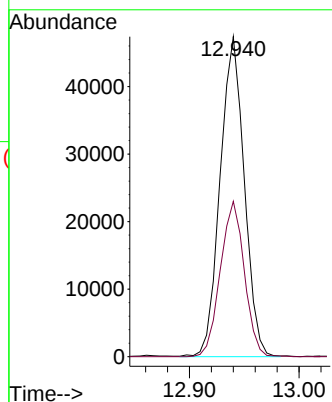


#62
1,3,5-Trimethylbenzene
Concen: 4.936 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Instrument :
MSVOA_W
ClientSampleId :

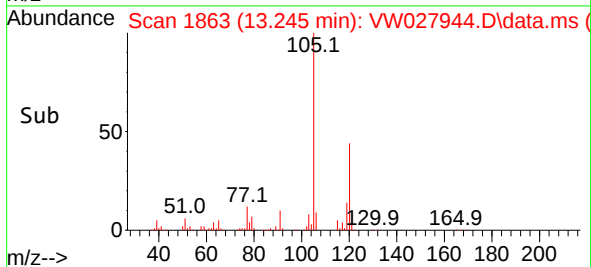
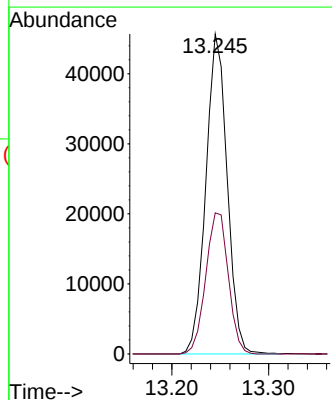
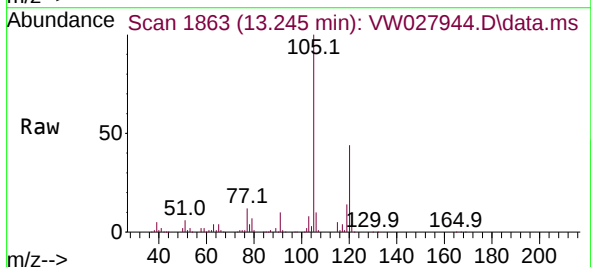


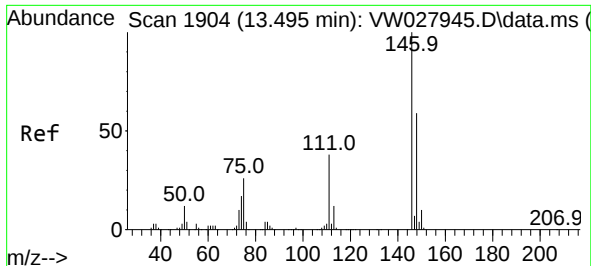
Tgt Ion:105 Resp: 72498
Ion Ratio Lower Upper
105 100
120 48.1 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 4.875 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion:105 Resp: 70075
Ion Ratio Lower Upper
105 100
120 46.6 36.4 54.6

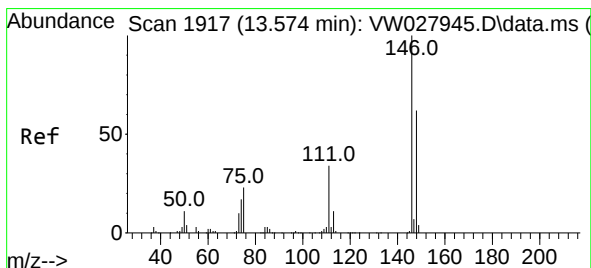
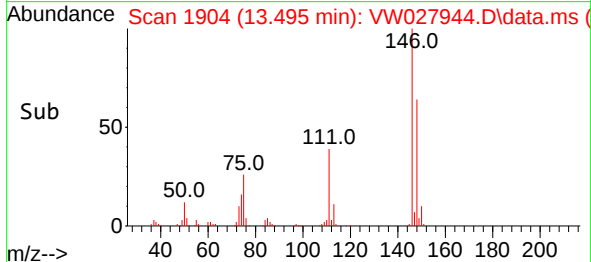
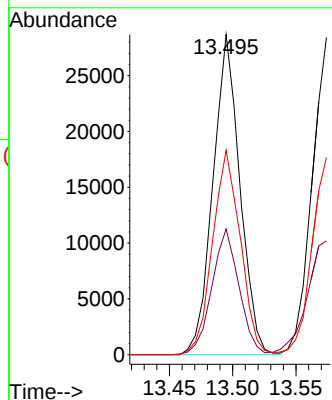
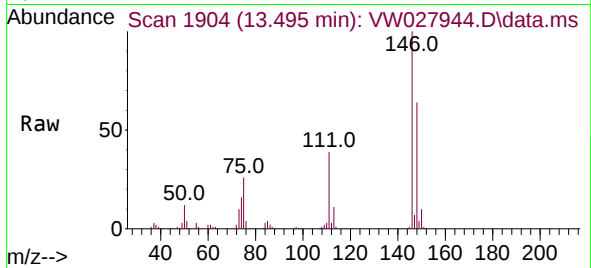




#64
1,3-Dichlorobenzene
Concen: 5.032 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

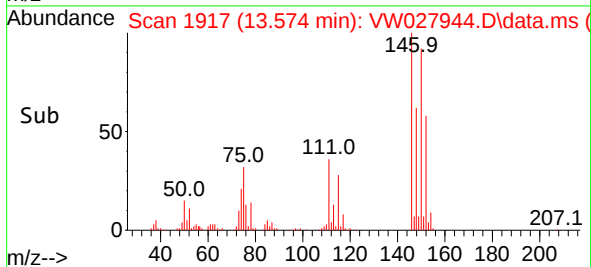
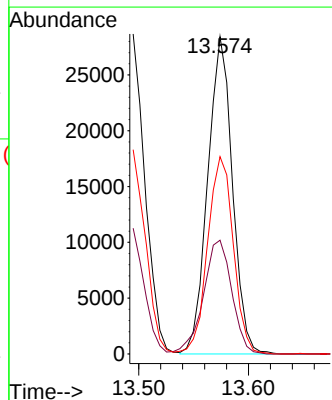
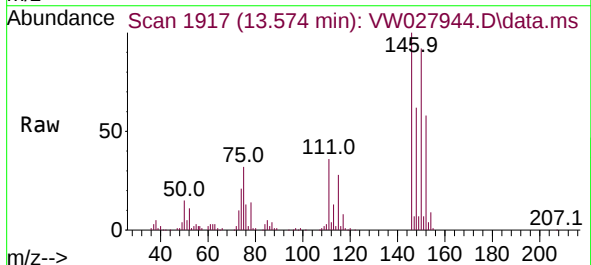
Instrument :
MSVOA_W
ClientSampleId :

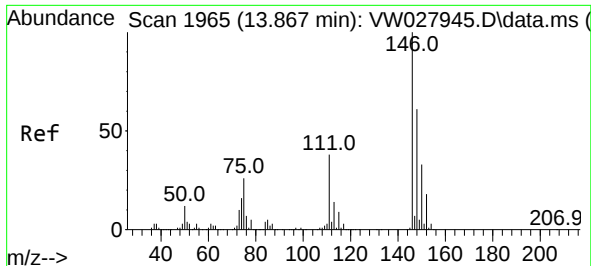
Tgt Ion:146 Resp: 42425
Ion Ratio Lower Upper
146 100
111 39.3 26.9 49.9
148 63.8 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 5.200 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027944.D
Acq: 05 Feb 2024 10:07

Tgt Ion:146 Resp: 44583
Ion Ratio Lower Upper
146 100
111 35.9 24.1 44.8
148 62.2 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.906 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

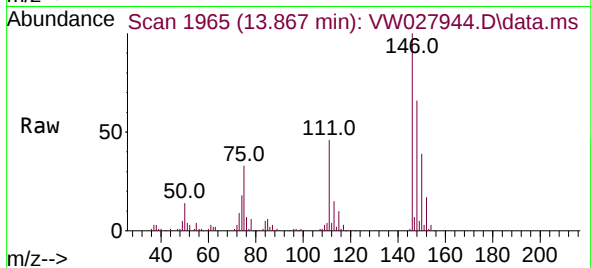
Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

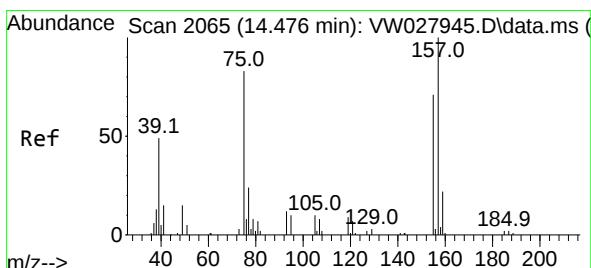
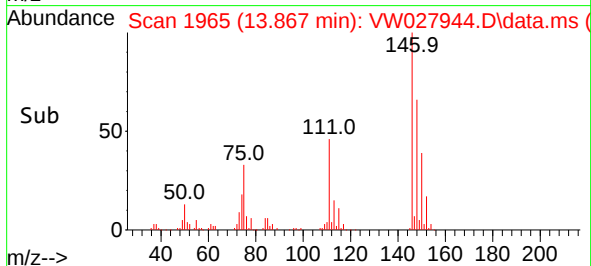
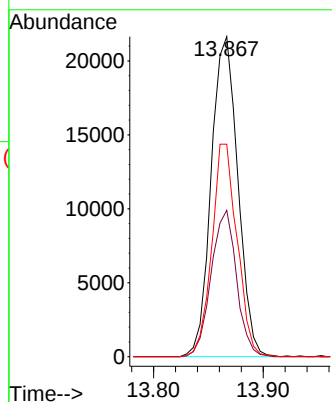
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	146	Resp:	36536
Ion Ratio	Lower	Upper	
146	100		
111	45.8	30.6	46.0
148	66.4	48.6	72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.483 ug/L

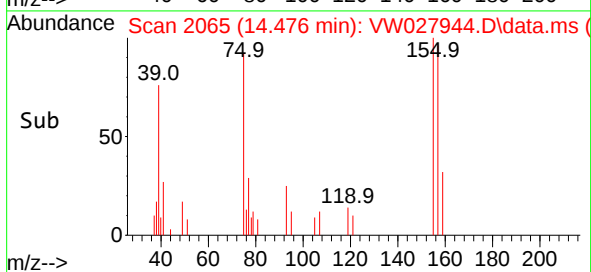
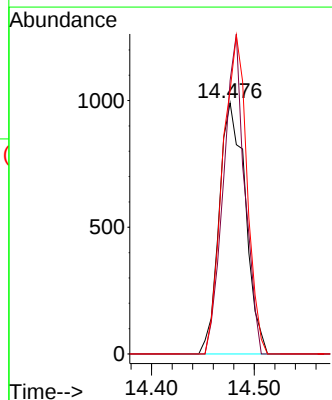
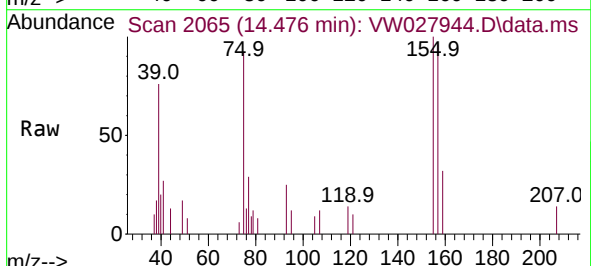
RT: 14.476 min Scan# 2065

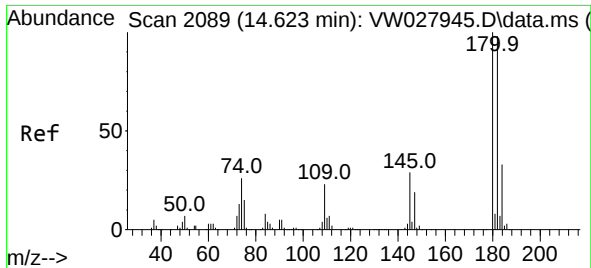
Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Tgt Ion:	75	Resp:	1746
Ion Ratio	Lower	Upper	
75	100		
155	108.9	68.7	103.1#
157	104.9	96.7	145.1





#69

1,3,5-Trichlorobenzene

Concen: 5.351 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

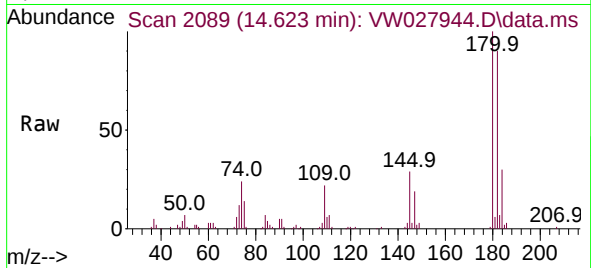
Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 32398

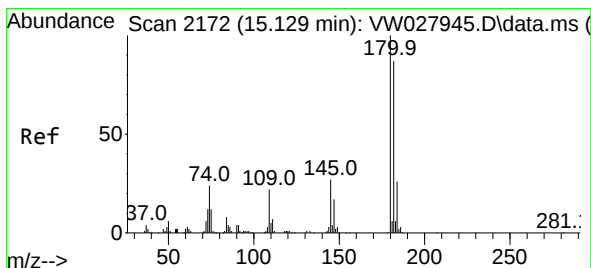
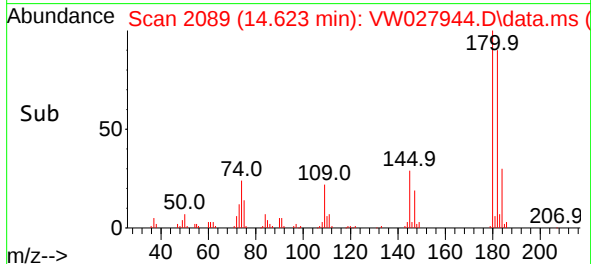
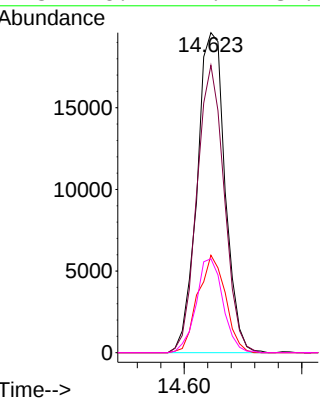
Ion Ratio Lower Upper

180 100

182 87.5 72.1 108.1

184 29.9 24.4 36.6

145 28.2 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 4.748 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

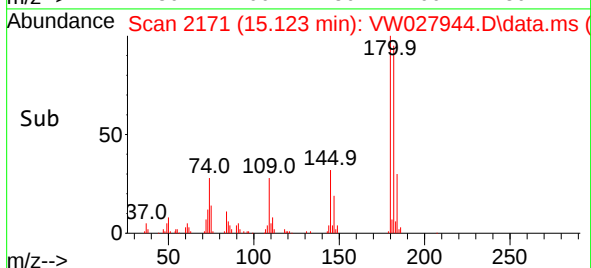
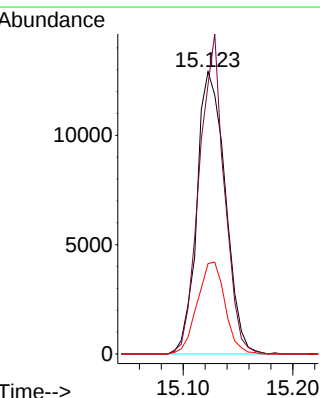
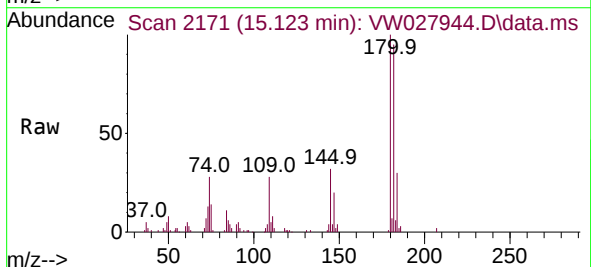
Tgt Ion:180 Resp: 23215

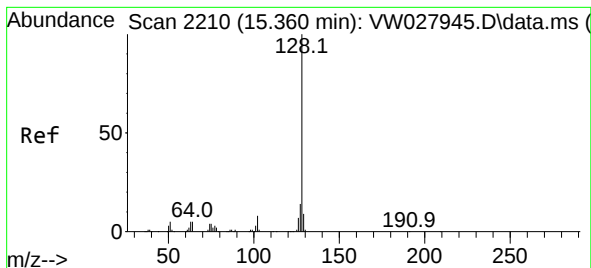
Ion Ratio Lower Upper

180 100

182 99.6 77.0 115.6

145 31.8 23.4 35.0





#71

Naphthalene

Concen: 4.619 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Instrument :

MSVOA_W

ClientSampleId :

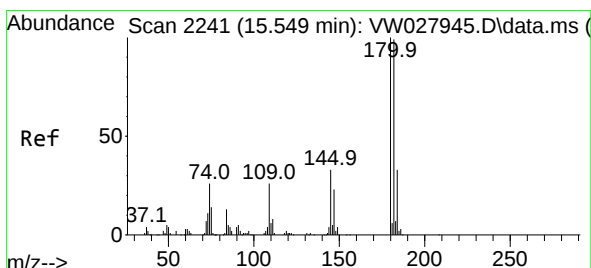
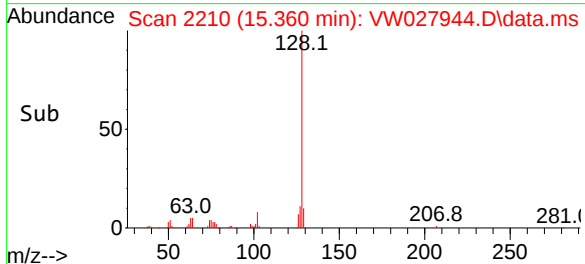
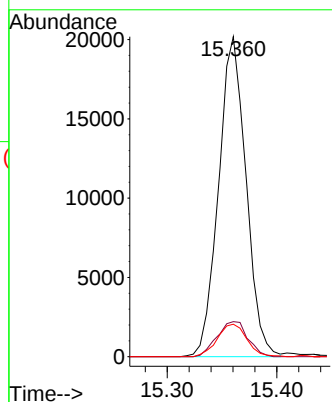
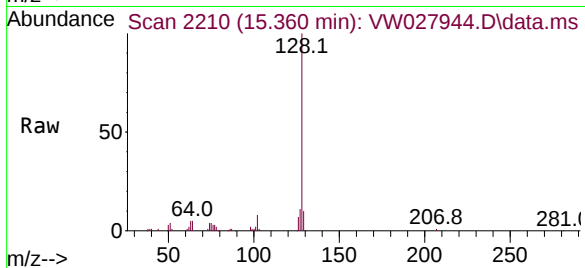
Tgt Ion:128 Resp: 35097

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 10.9 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 4.959 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW027944.D

Acq: 05 Feb 2024 10:07

Tgt Ion:180 Resp: 20228

Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

145 32.3 25.8 38.8

