

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
 Data File : VW029316.D
 Acq On : 24 Jun 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 25 01:33:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286841	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258141	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	134855	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	83640	21.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
7) Chloroethane-d5	2.899	69	68511	20.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
11) 1,1-Dichloroethene-d2	4.021	65	40773	21.270	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.080%
21) 2-Butanone-d5	7.075	46	49621	41.775	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.540%
24) Chloroform-d	7.654	84	193262	22.586	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.360%
26) 1,2-Dichloroethane-d4	8.307	65	104683	21.308	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.240%
32) Benzene-d6	8.276	84	368268	23.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.276	67	115909	23.255	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.040%
41) Toluene-d8	10.325	98	333577	24.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.575	79	45976	22.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.560%
47) 2-Hexanone-d5	10.922	63	35082	44.900	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89693	22.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	106580	22.769	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	62205	22.228	ug/L	94
3) Chloromethane	2.222	50	85579	21.447	ug/L	97
5) Vinyl chloride	2.375	62	104804	22.871	ug/L	98
6) Bromomethane	2.796	94	62056	22.532	ug/L	94
8) Chloroethane	2.936	64	66972	23.895	ug/L	95
9) Trichlorofluoromethane	3.265	101	102887	28.961	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99752	25.466	ug/L	95
12) 1,1-Dichloroethene	4.045	96	85890	25.842	ug/L	83
13) Acetone	4.118	43	68729	68.086	ug/L	95
14) Carbon disulfide	4.393	76	260035	23.967	ug/L	99
15) Methyl Acetate	4.673	43	44913	22.412	ug/L	99
16) Methylene chloride	4.923	84	101258	20.076	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	94684	25.652	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	147132	24.915	ug/L	99
19) 1,1-Dichloroethane	6.216	63	202122	25.355	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	104017	25.555	ug/L	96
22) 2-Butanone	7.173	43	72000	52.033	ug/L	97
23) Bromochloromethane	7.514	128	44921	24.792	ug/L	86
25) Chloroform	7.679	83	196518	25.245	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
 Data File : VW029316.D
 Acq On : 24 Jun 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 25 01:33:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

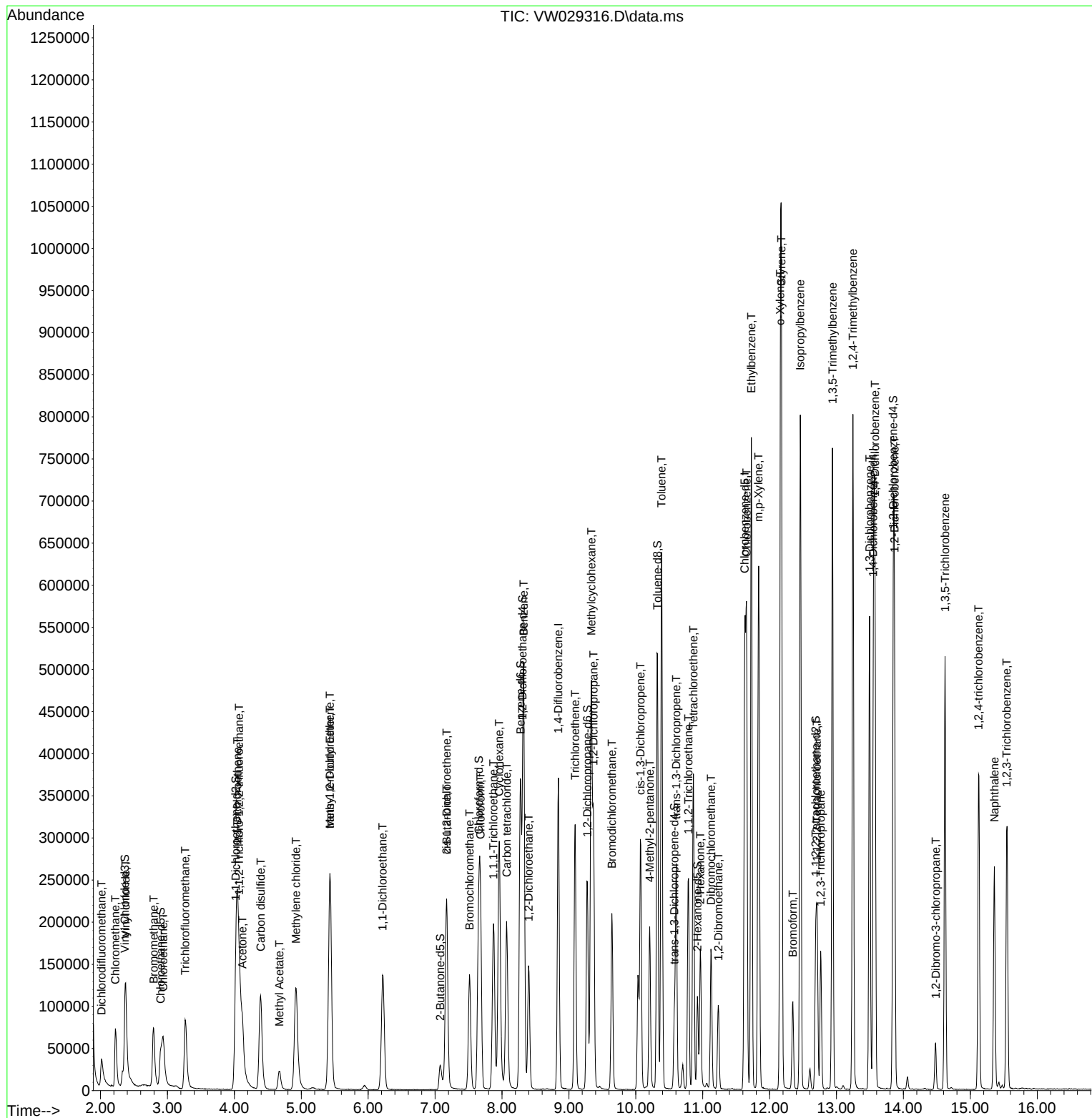
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133047	23.174	ug/L	99
29) Cyclohexane	7.959	56	167075	28.311	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	157831	27.496	ug/L	97
31) Carbon tetrachloride	8.069	117	144935	27.640	ug/L	97
33) Benzene	8.325	78	424518	27.370	ug/L	100
34) Trichloroethene	9.093	95	109160	26.379	ug/L	97
35) Methylcyclohexane	9.337	83	179278	27.548	ug/L	97
37) 1,2-Dichloropropane	9.367	63	115880	26.588	ug/L	99
38) Bromodichloromethane	9.642	83	137359	25.777	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	167448	27.179	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	131908	48.831	ug/L	98
42) Toluene	10.386	91	441930	27.715	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	140113	26.934	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	77708	25.600	ug/L	97
46) Tetrachloroethene	10.861	164	81361	28.126	ug/L	88
48) 2-Hexanone	10.965	43	105449	55.013	ug/L	97
49) Dibromochloromethane	11.123	129	80253	25.292	ug/L	97
50) 1,2-Dibromoethane	11.233	107	68672	25.203	ug/L	99
51) Chlorobenzene	11.654	112	270248	26.100	ug/L	98
52) Ethylbenzene	11.727	91	511687	28.270	ug/L	96
53) m,p-Xylene	11.837	106	187989	28.435	ug/L	89
54) o-Xylene	12.160	106	177581	28.740	ug/L	97
55) Styrene	12.178	104	309460	28.725	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90592	24.127	ug/L	98
59) Bromoform	12.349	173	44893	24.289	ug/L	97
60) Isopropylbenzene	12.458	105	495949	27.600	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65998	22.438	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	380004	29.201	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	401870	28.701	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	210557	27.077	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	213230	25.773	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	187525	26.086	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	14318	20.859	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	142004	27.058	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	114224	26.849	ug/L	97
71) Naphthalene	15.360	128	207257	24.684	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	98244	25.345	ug/L	96

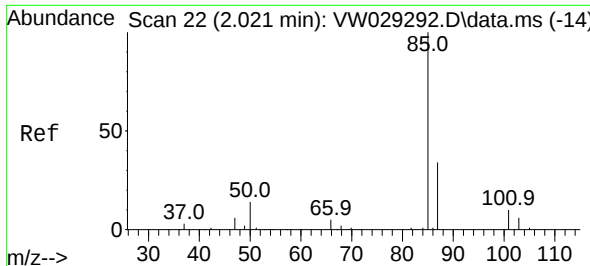
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
Data File : VW029316.D
Acq On : 24 Jun 2024 08:49
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 25 01:33:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 21 22:53:01 2024
Response via : Initial Calibration

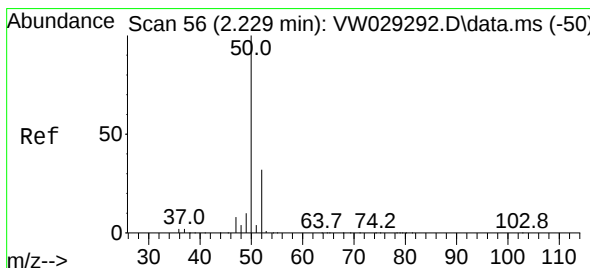
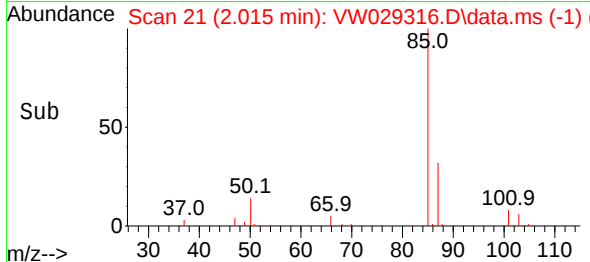
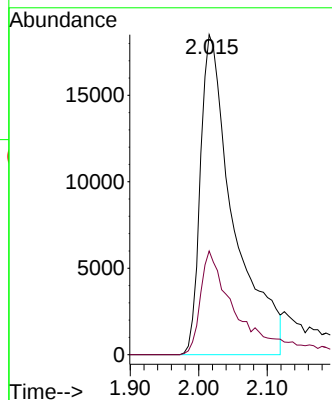
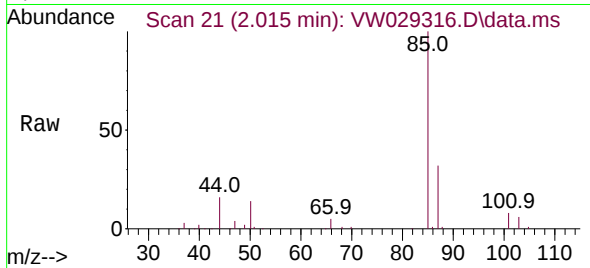




#2
 Dichlorodifluoromethane
 Concen: 22.228 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029316.D
 Acq: 24 Jun 2024 08:49

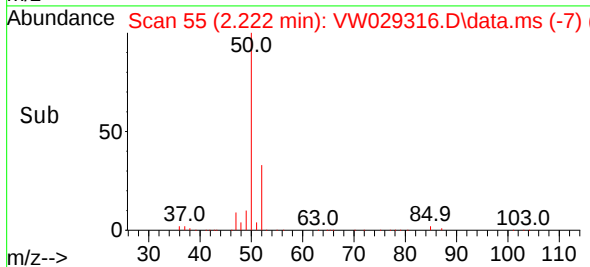
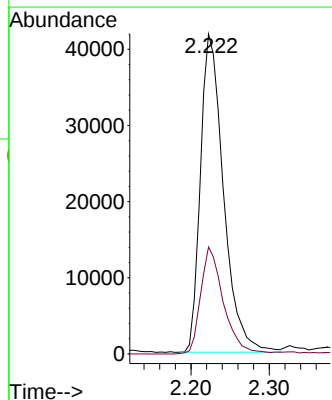
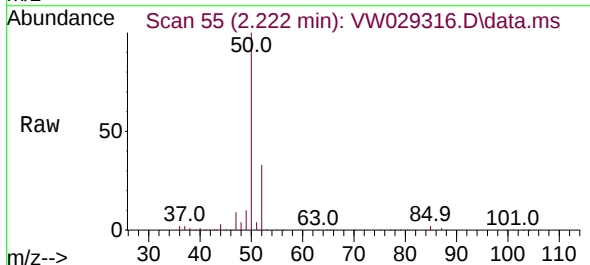
Instrument :
 MSVOA_W
 ClientSampleId :

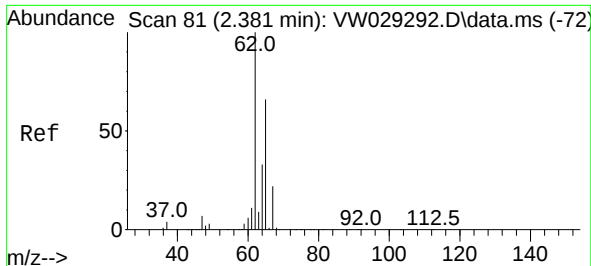
Tgt Ion: 85 Resp: 62205
 Ion Ratio Lower Upper
 85 100
 87 26.2 23.8 35.6



#3
 Chloromethane
 Concen: 21.447 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029316.D
 Acq: 24 Jun 2024 08:49

Tgt Ion: 50 Resp: 85579
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.3 41.5

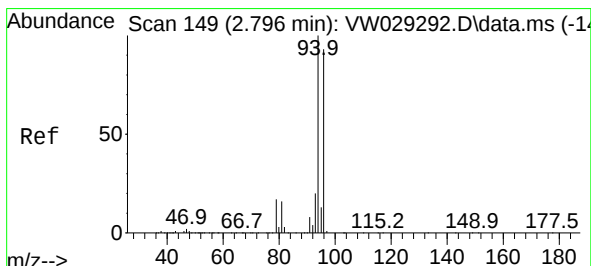
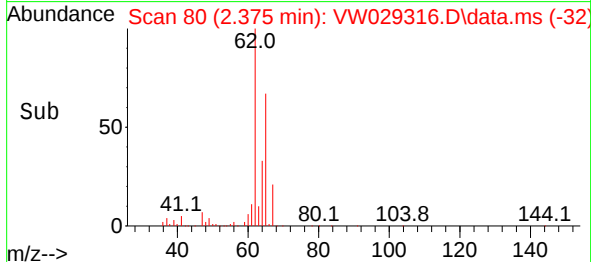
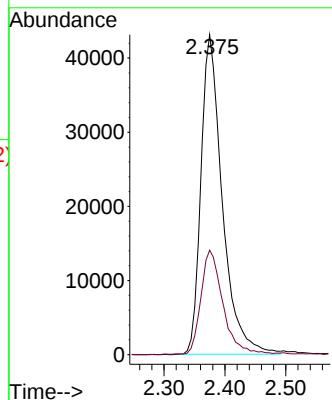
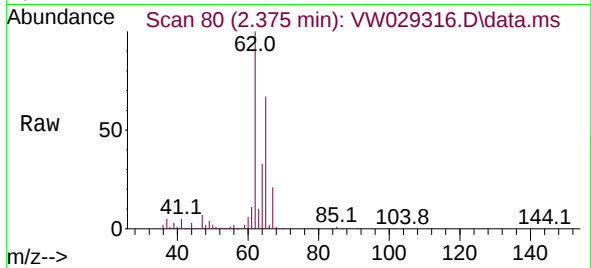




#5
 Vinyl chloride
 Concen: 22.871 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW029316.D
 Acq: 24 Jun 2024 08:49

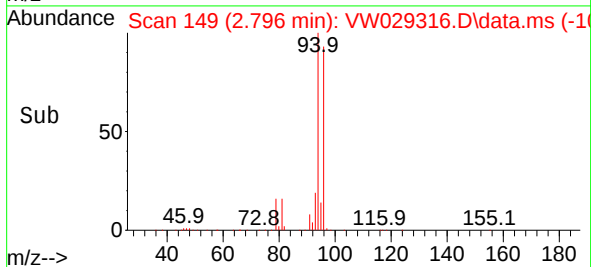
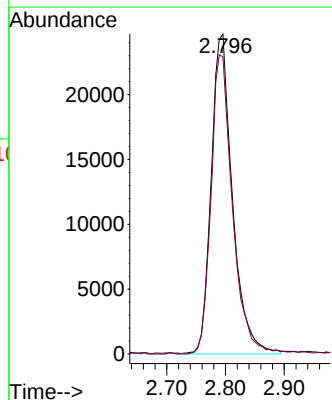
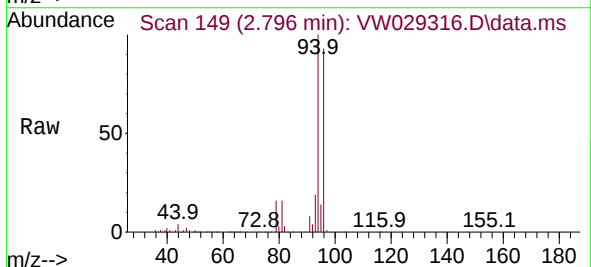
Instrument :
 MSVOA_W
 ClientSampleId :

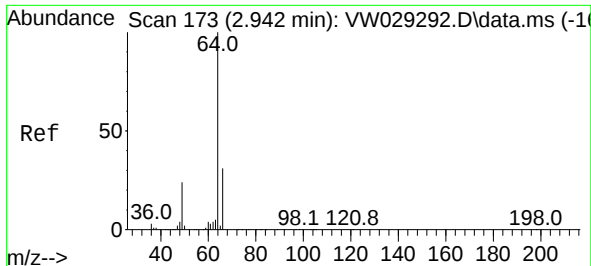
Tgt Ion: 62 Resp: 104804
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.0 40.8



#6
 Bromomethane
 Concen: 22.532 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW029316.D
 Acq: 24 Jun 2024 08:49

Tgt Ion: 94 Resp: 62056
 Ion Ratio Lower Upper
 94 100
 96 92.9 69.5 129.1

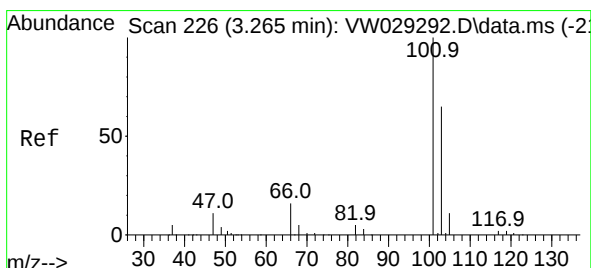
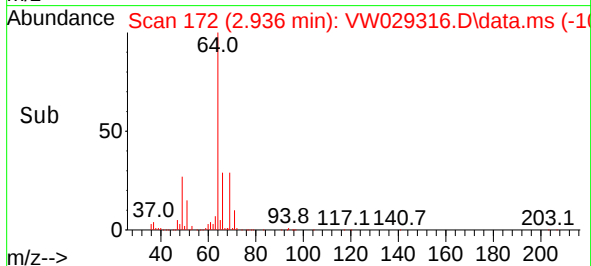
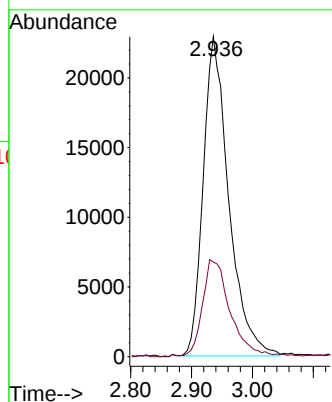
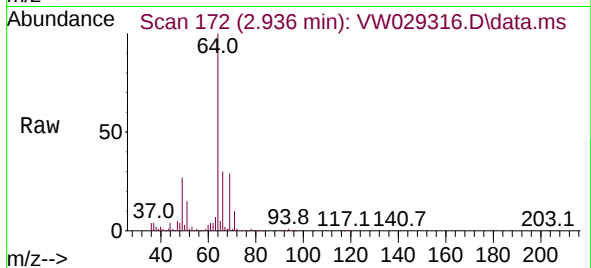




#8
Chloroethane
Concen: 23.895 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

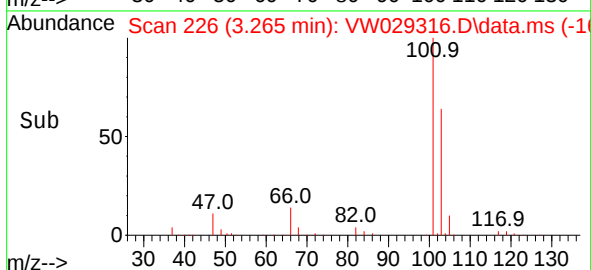
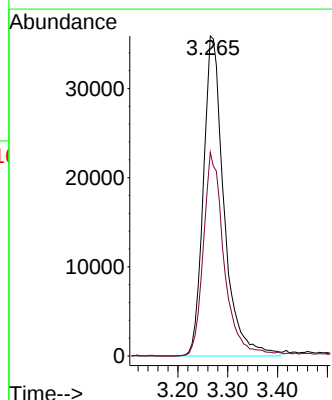
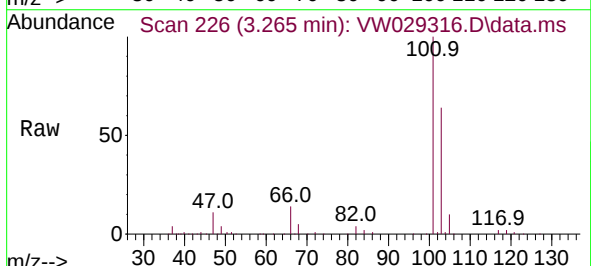
Instrument :
MSVOA_W
ClientSampleId :

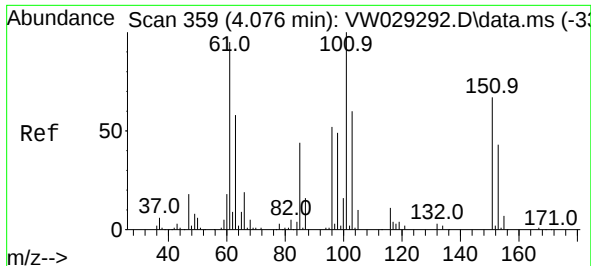
Tgt Ion: 64 Resp: 66972
Ion Ratio Lower Upper
64 100
66 29.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 28.961 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Tgt Ion: 101 Resp: 102887
Ion Ratio Lower Upper
101 100
103 64.0 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.466 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

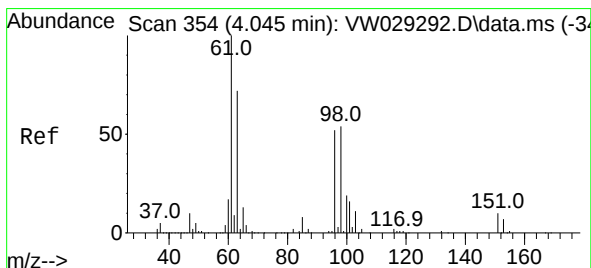
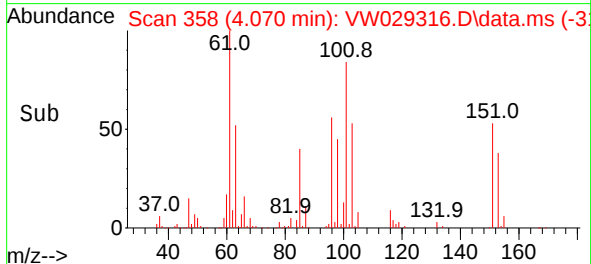
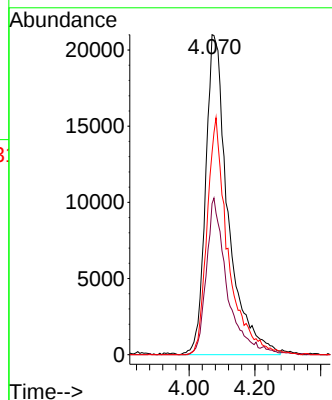
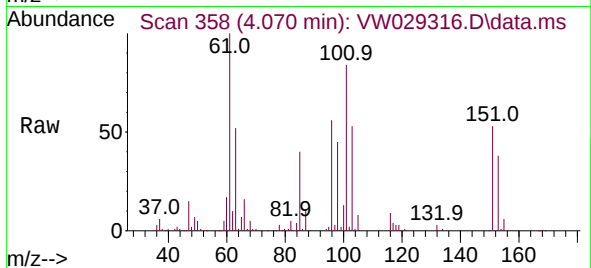
Tgt Ion:101 Resp: 99752

Ion Ratio Lower Upper

101 100

85 43.6 30.2 45.2

151 63.7 52.2 78.4



#12

1,1-Dichloroethene

Concen: 25.842 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

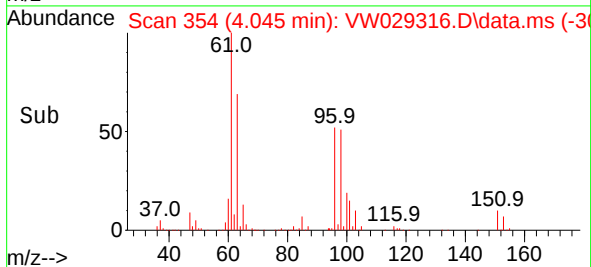
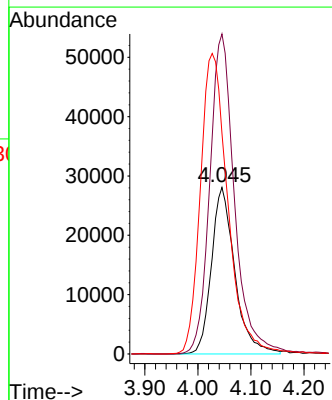
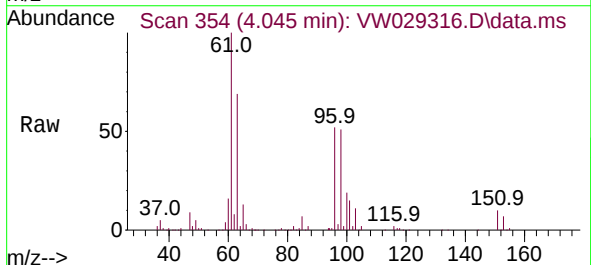
Tgt Ion: 96 Resp: 85890

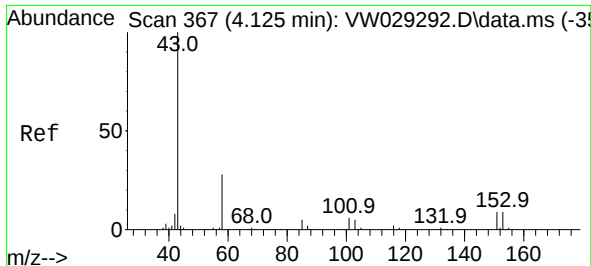
Ion Ratio Lower Upper

96 100

61 192.1 140.1 260.3

63 132.4 122.0 226.6

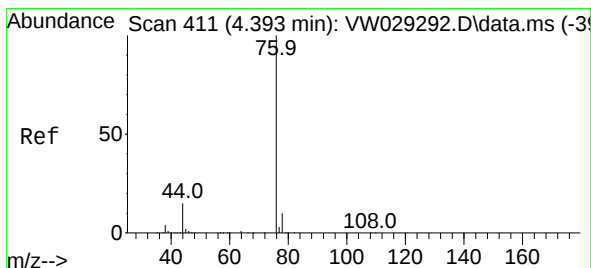
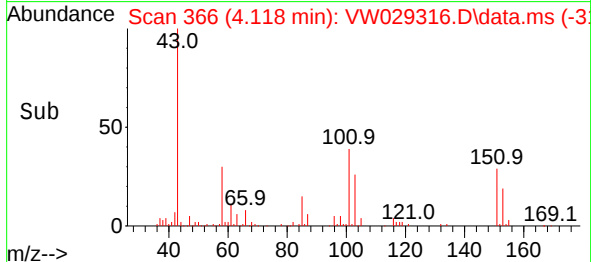
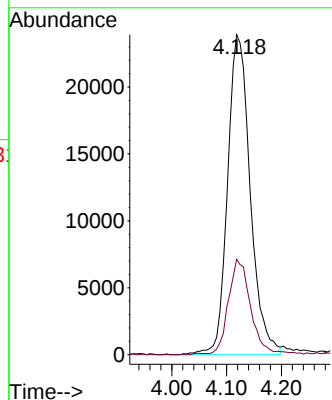
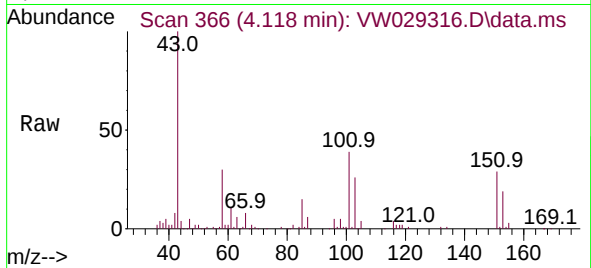




#13
Acetone
Concen: 68.086 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

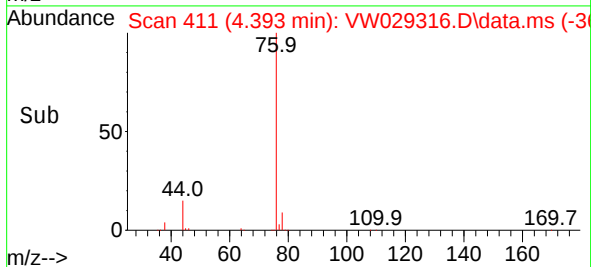
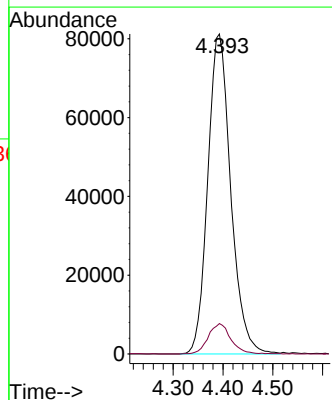
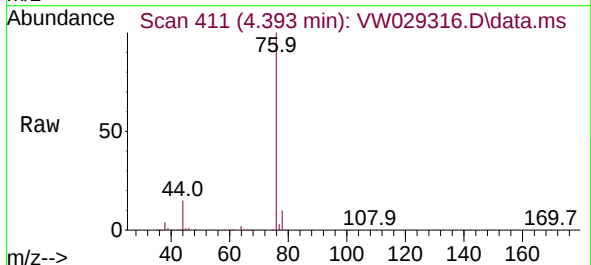
Instrument :
MSVOA_W
ClientSampleId :

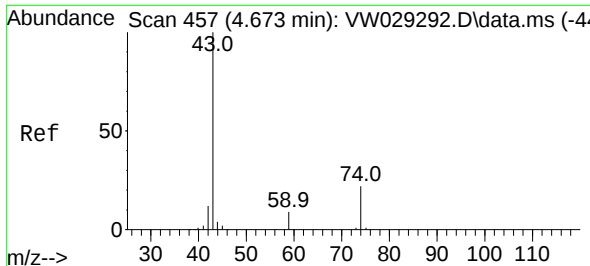
Tgt Ion: 43 Resp: 68729
Ion Ratio Lower Upper
43 100
58 27.9 0.0 61.4



#14
Carbon disulfide
Concen: 23.967 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Tgt Ion: 76 Resp: 260035
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8





#15

Methyl Acetate

Concen: 22.412 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

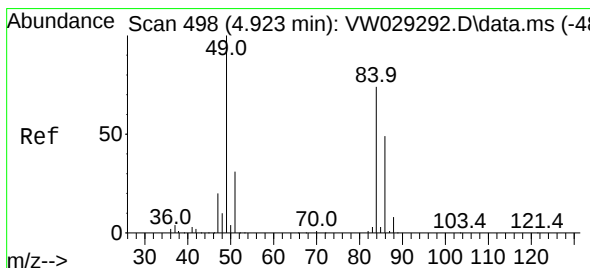
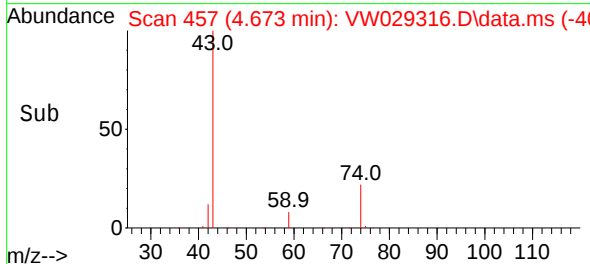
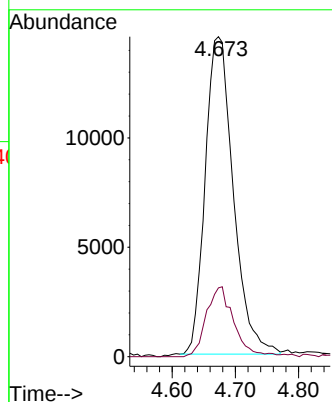
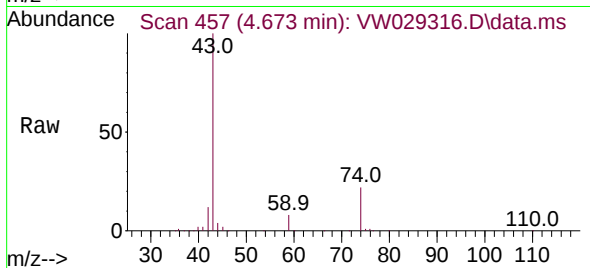
ClientSampleId :

Tgt Ion: 43 Resp: 44913

Ion Ratio Lower Upper

43 100

74 21.1 16.6 25.0



#16

Methylene chloride

Concen: 20.076 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

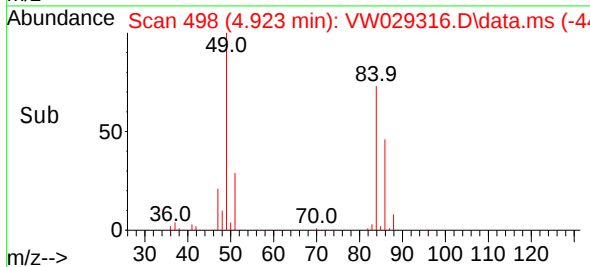
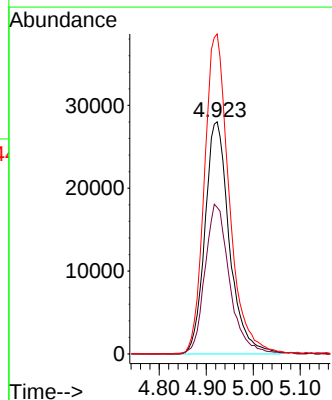
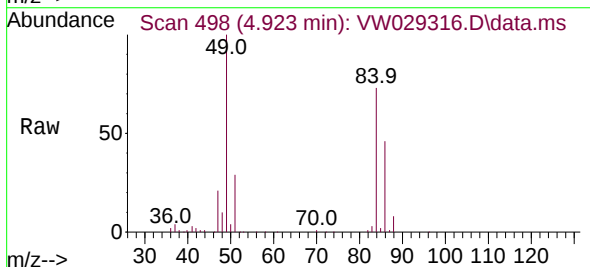
Tgt Ion: 84 Resp: 101258

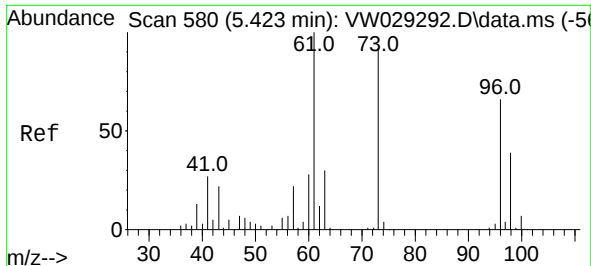
Ion Ratio Lower Upper

84 100

86 63.1 41.4 77.0

49 137.8 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 25.652 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

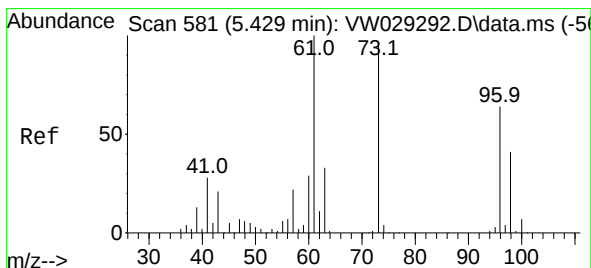
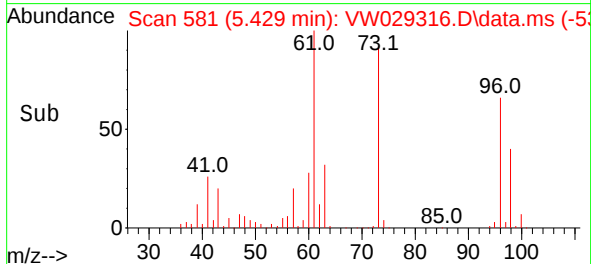
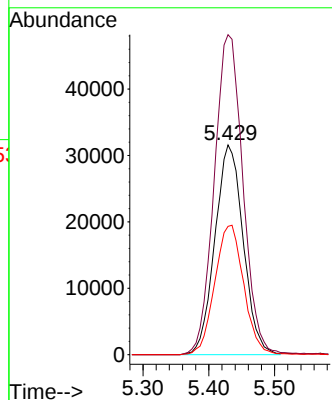
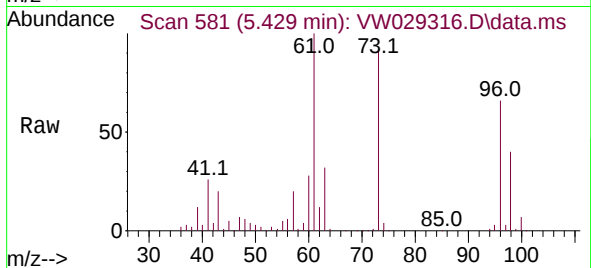
Tgt Ion: 96 Resp: 94684

Ion Ratio Lower Upper

96 100

61 152.6 101.5 188.5

98 61.2 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 24.915 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

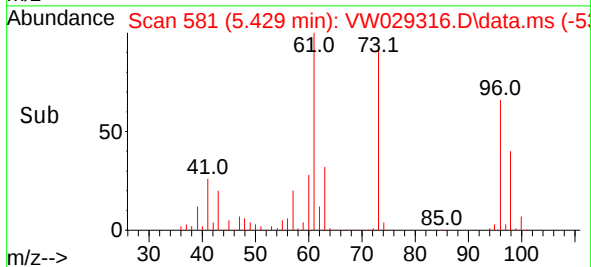
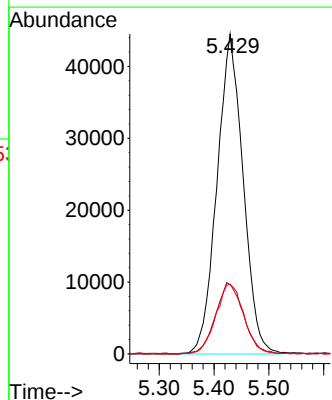
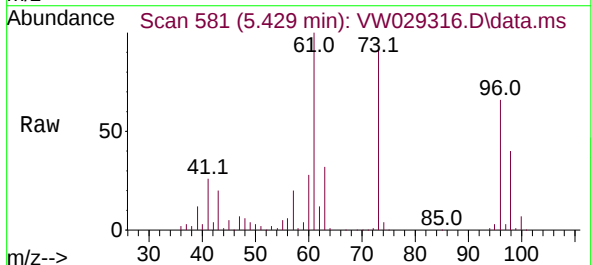
Tgt Ion: 73 Resp: 147132

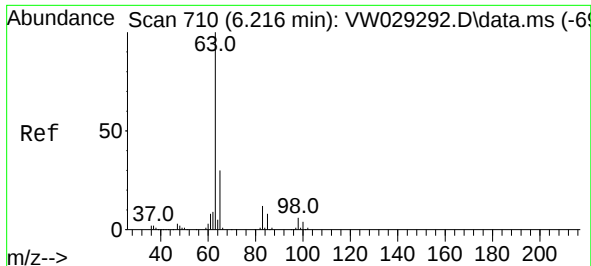
Ion Ratio Lower Upper

73 100

43 24.1 19.5 29.3

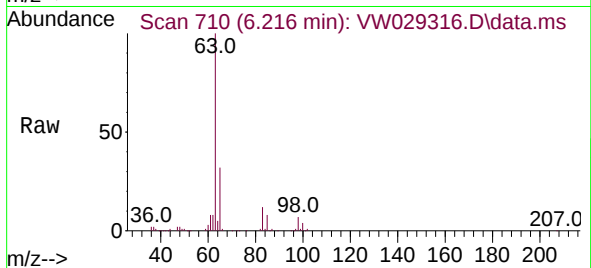
57 23.4 18.4 27.6



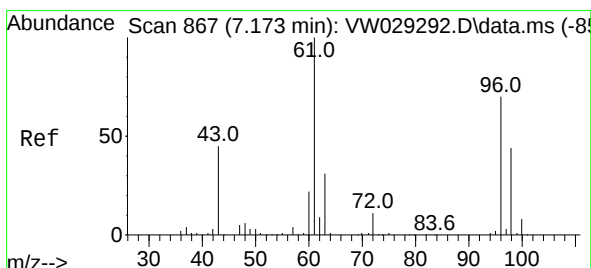
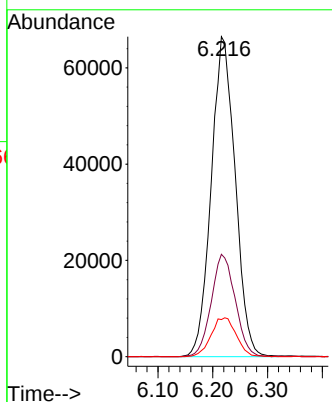
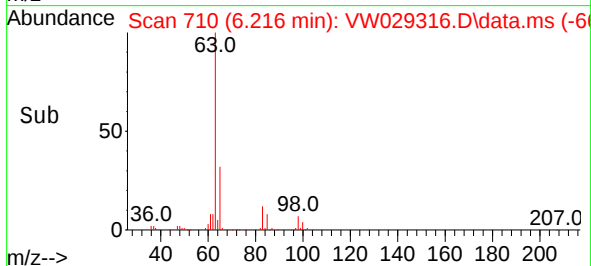


#19
1,1-Dichloroethane
Concen: 25.355 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Instrument :
MSVOA_W
ClientSampleId :

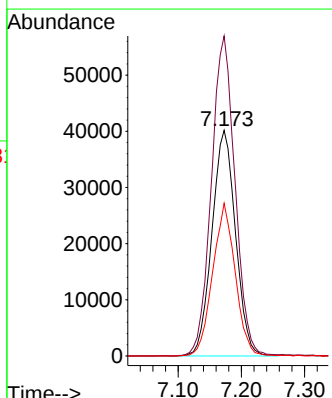
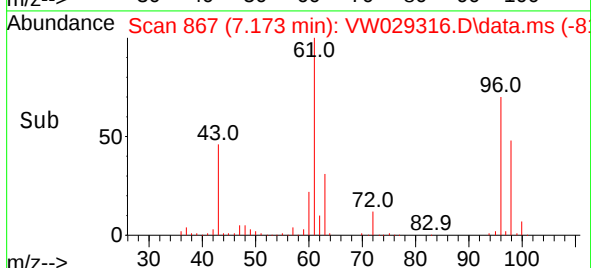
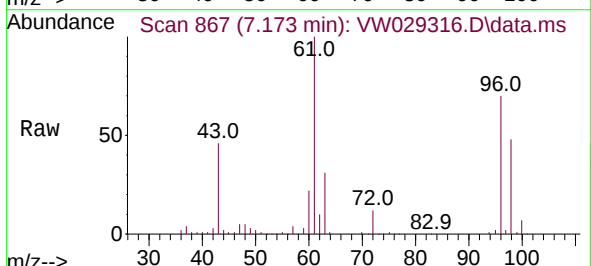


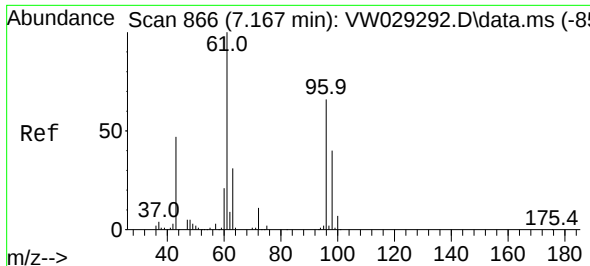
Tgt Ion: 63 Resp: 202122
Ion Ratio Lower Upper
63 100
65 32.0 23.4 43.4
83 11.6 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 25.555 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Tgt Ion: 96 Resp: 104017
Ion Ratio Lower Upper
96 100
61 141.8 97.8 181.6
98 67.7 43.0 79.8

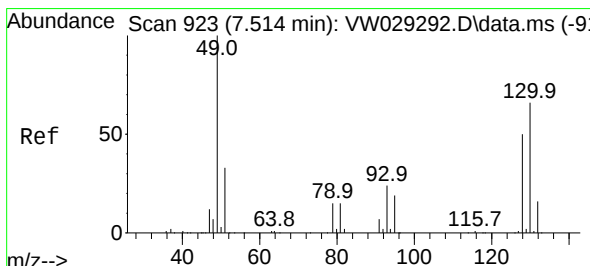
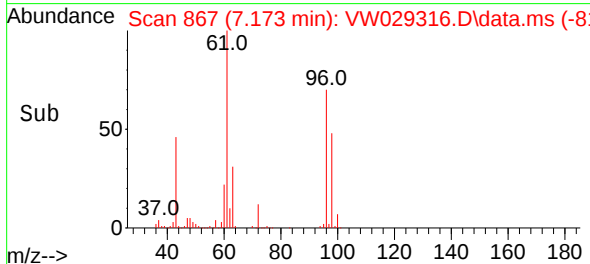
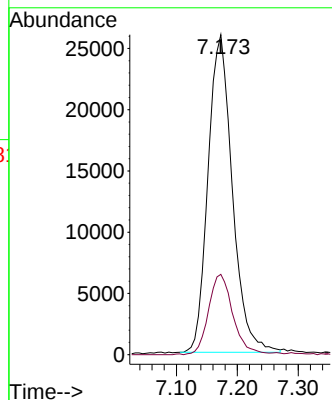
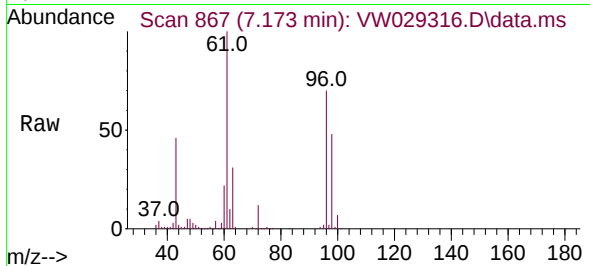




#22
2-Butanone
Concen: 52.033 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

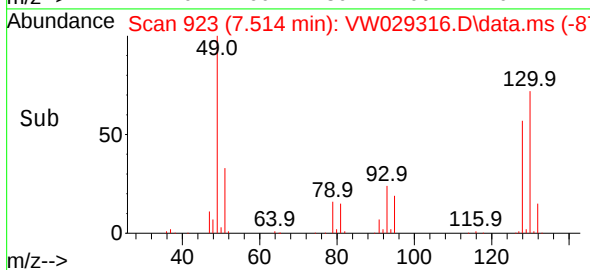
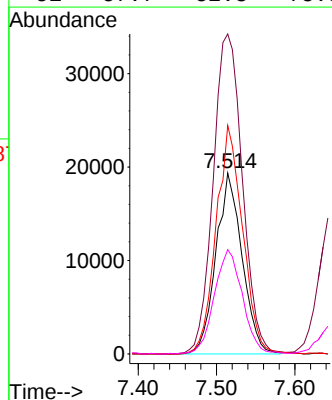
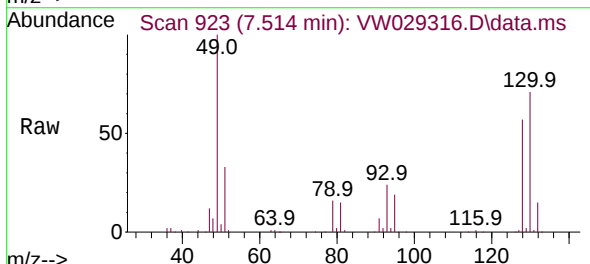
Instrument :
MSVOA_W
ClientSampleId :

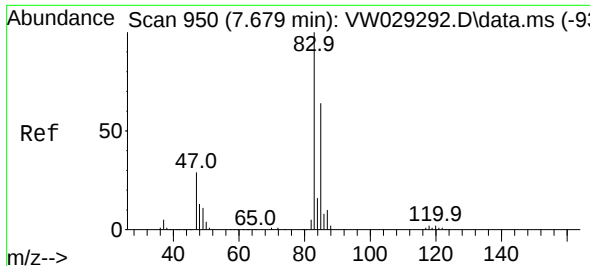
Tgt Ion: 43 Resp: 72000
Ion Ratio Lower Upper
43 100
72 25.2 11.9 35.7



#23
Bromochloromethane
Concen: 24.792 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Tgt Ion:128 Resp: 44921
Ion Ratio Lower Upper
128 100
49 176.9 142.6 264.8
130 126.3 79.7 148.1
51 57.7 52.3 78.5





#25

Chloroform

Concen: 25.245 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

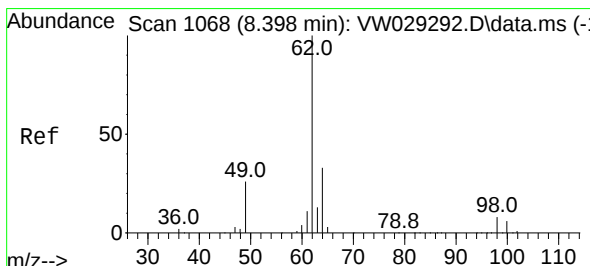
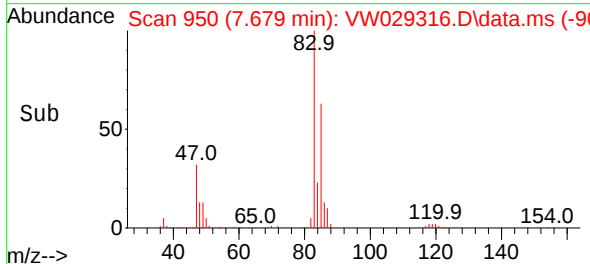
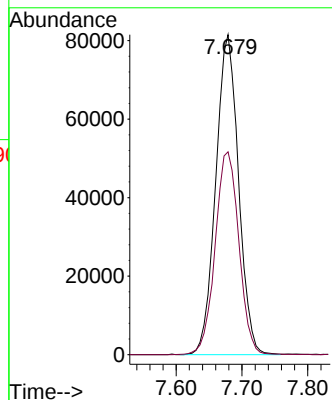
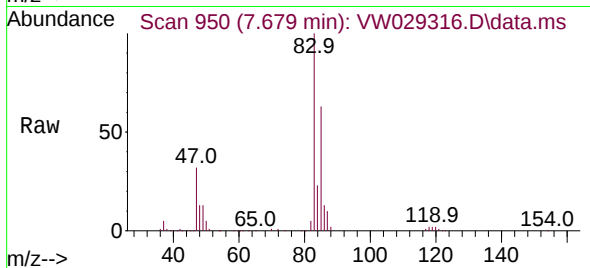
ClientSampleId :

Tgt Ion: 83 Resp: 196518

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 23.174 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029316.D

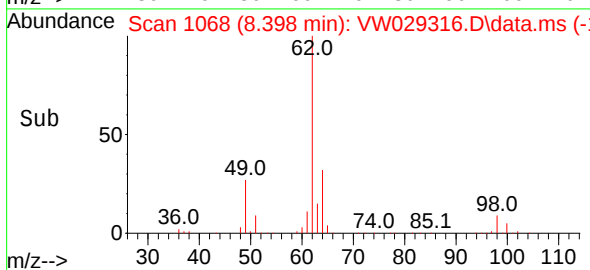
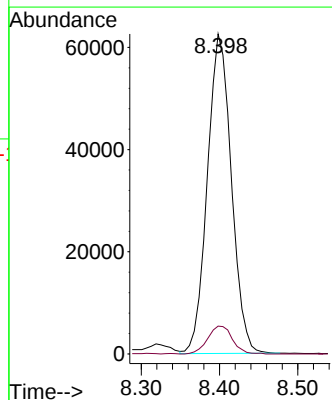
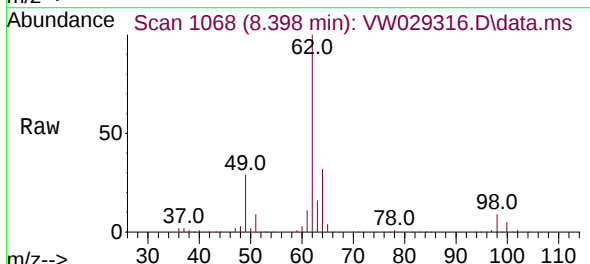
Acq: 24 Jun 2024 08:49

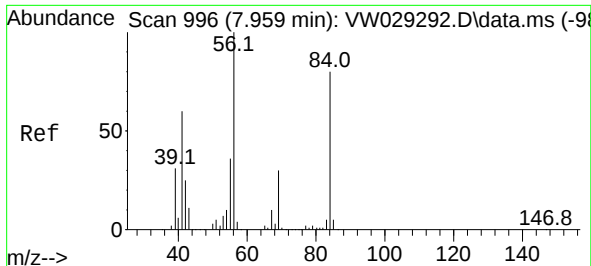
Tgt Ion: 62 Resp: 133047

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 28.311 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

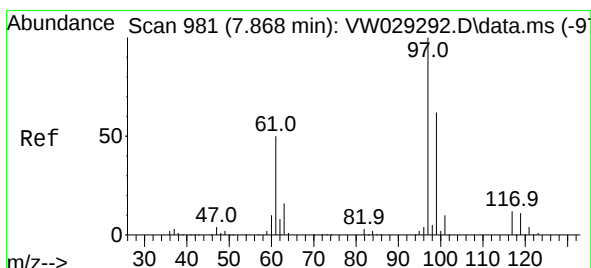
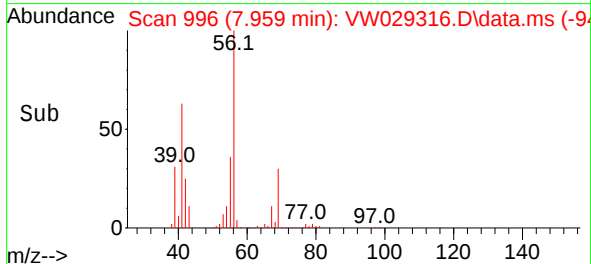
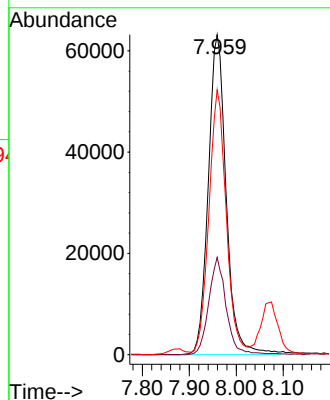
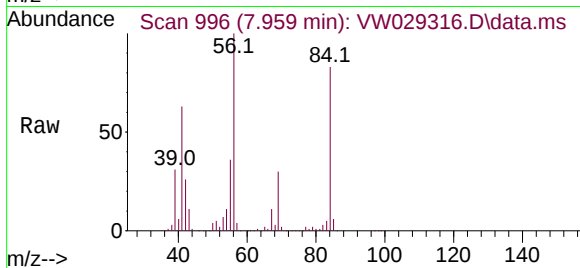
MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 167075

Ion Ratio Lower Upper

56	100		
69	29.0	23.4	35.0
84	79.7	64.5	96.7



#30

1,1,1-Trichloroethane

Concen: 27.496 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

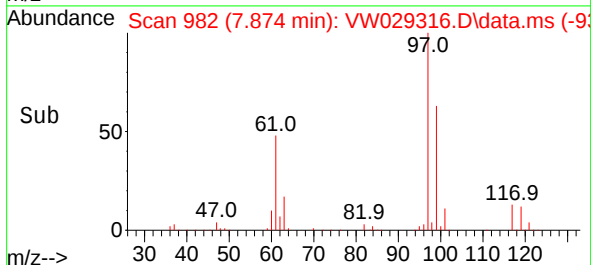
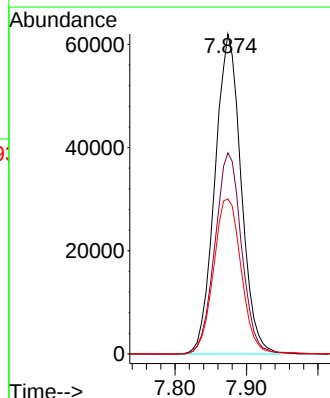
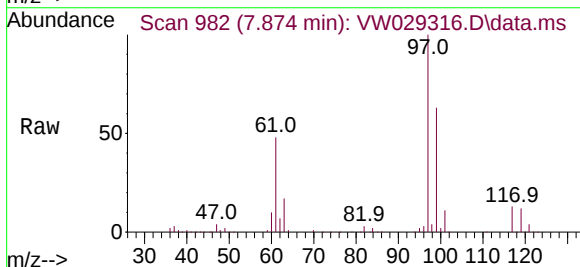
Lab File: VW029316.D

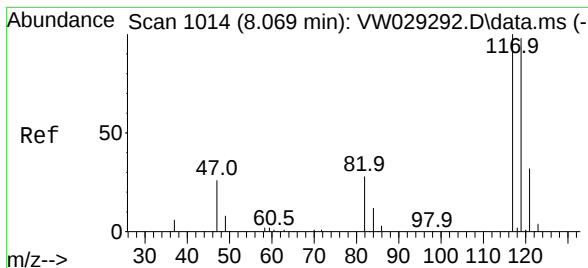
Acq: 24 Jun 2024 08:49

Tgt Ion: 97 Resp: 157831

Ion Ratio Lower Upper

97	100		
99	63.9	53.0	79.4
61	51.2	43.0	64.4





#31

Carbon tetrachloride

Concen: 27.640 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

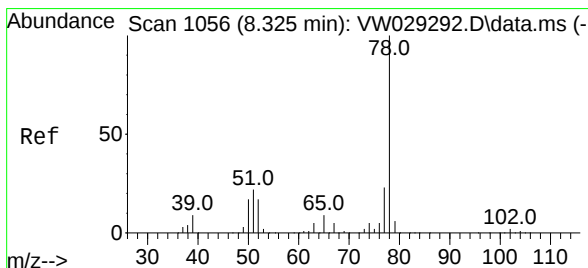
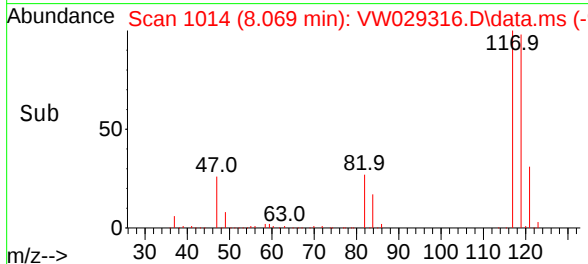
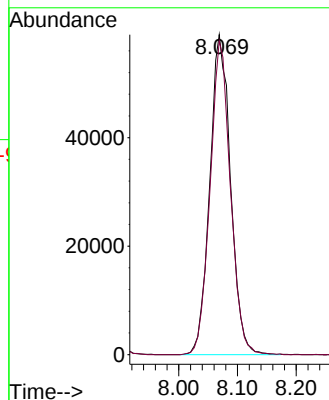
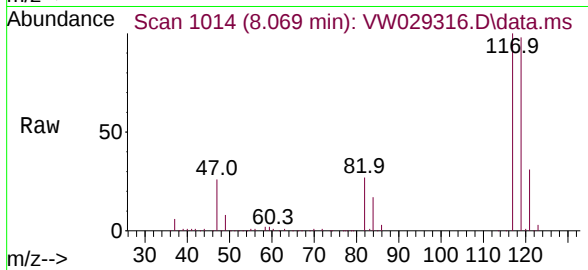
ClientSampleId :

Tgt Ion:117 Resp: 144935

Ion Ratio Lower Upper

117 100

119 96.0 79.0 118.4



#33

Benzene

Concen: 27.370 ug/L

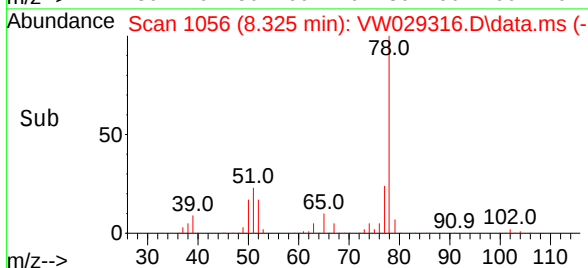
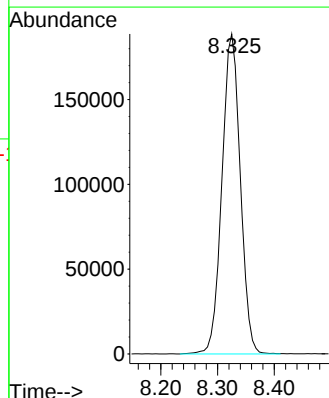
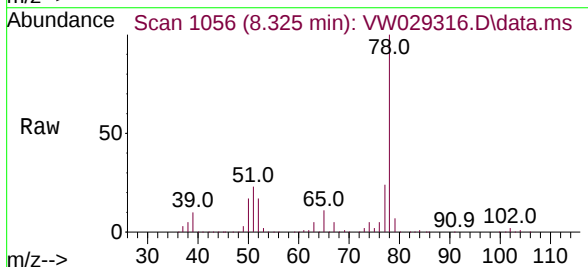
RT: 8.325 min Scan# 1056

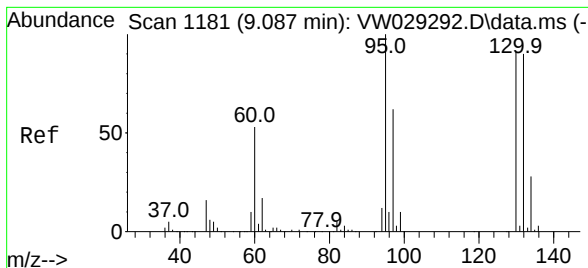
Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Tgt Ion: 78 Resp: 424518





#34

Trichloroethene

Concen: 26.379 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 109160

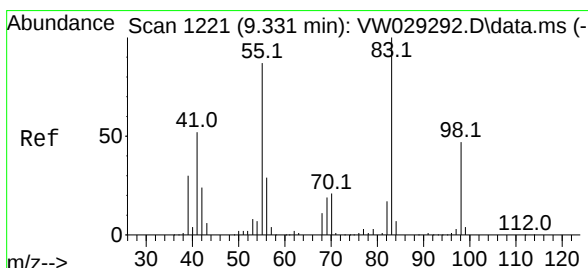
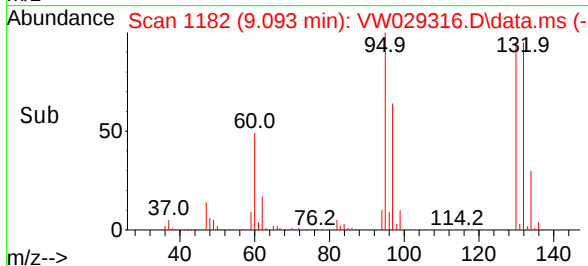
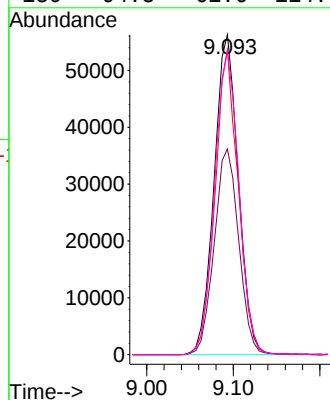
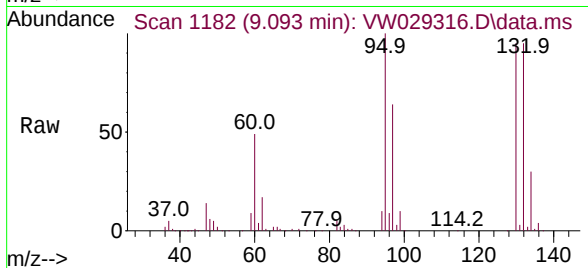
Ion Ratio Lower Upper

95 100

97 64.3 45.7 84.9

132 95.4 66.4 123.4

130 94.8 61.6 114.4



#35

Methylcyclohexane

Concen: 27.548 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

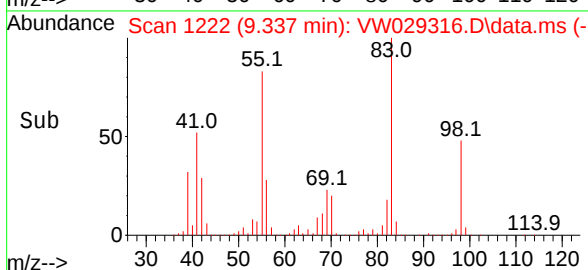
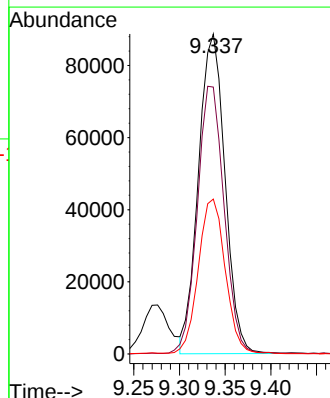
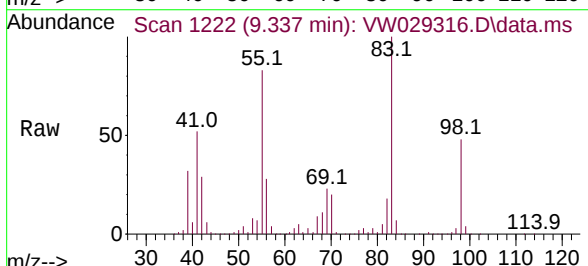
Tgt Ion: 83 Resp: 179278

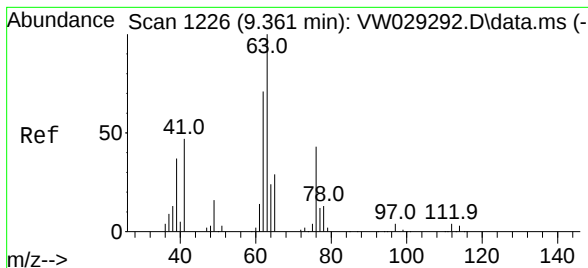
Ion Ratio Lower Upper

83 100

55 84.3 69.5 104.3

98 49.2 38.0 57.0





#37

1,2-Dichloropropane

Concen: 26.588 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

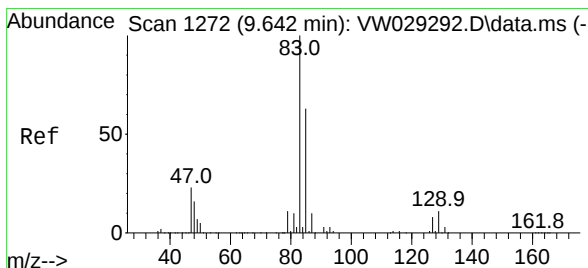
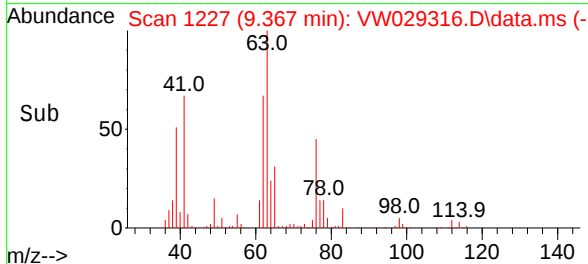
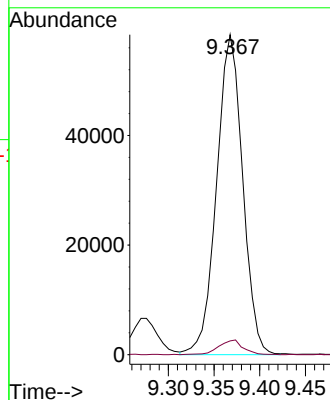
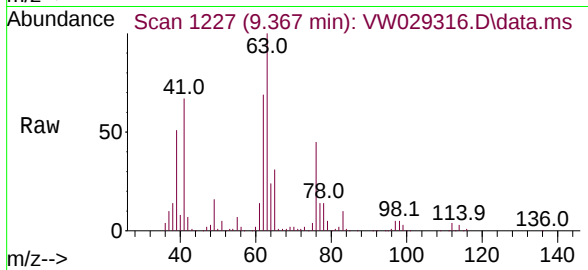
ClientSampleId :

Tgt Ion: 63 Resp: 115880

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 25.777 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

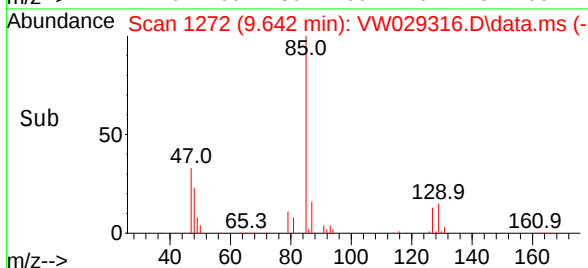
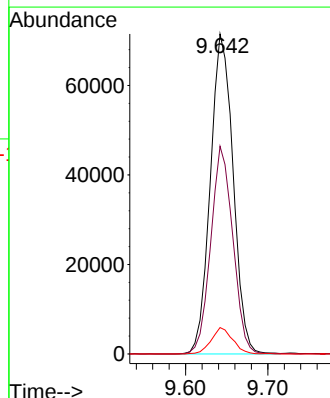
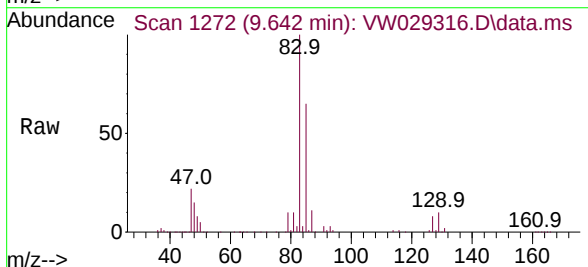
Tgt Ion: 83 Resp: 137359

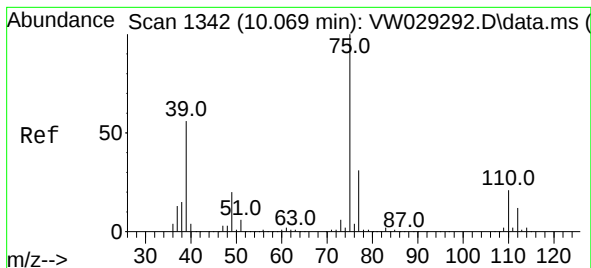
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9

127 8.2 5.8 8.6

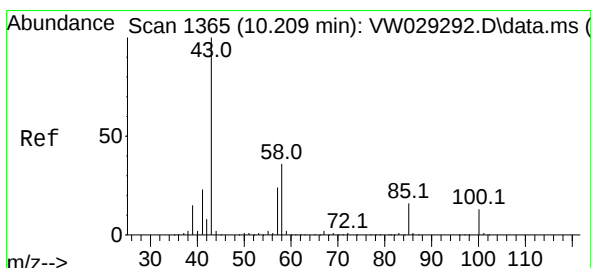
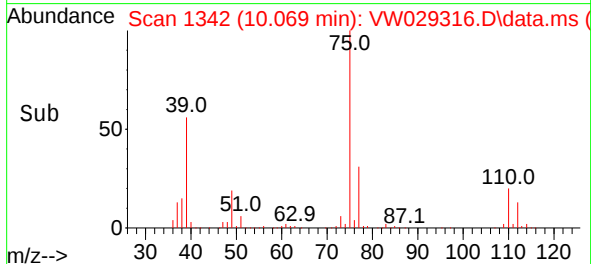
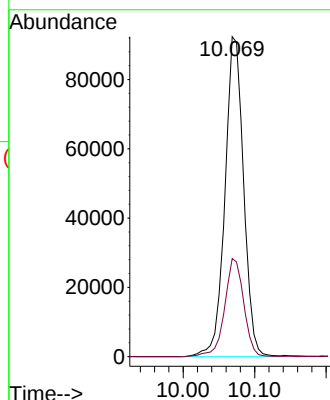
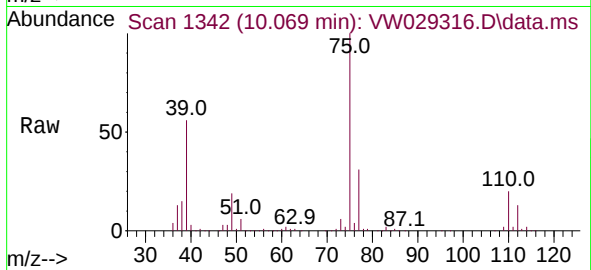




#39
 cis-1,3-Dichloropropene
 Concen: 27.179 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW029316.D
 Acq: 24 Jun 2024 08:49

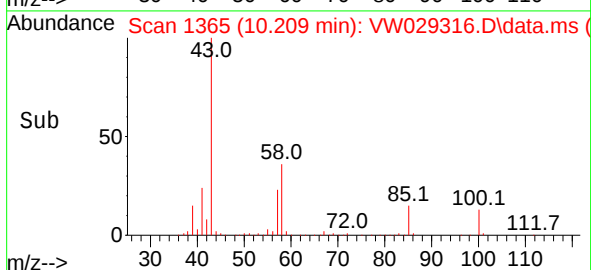
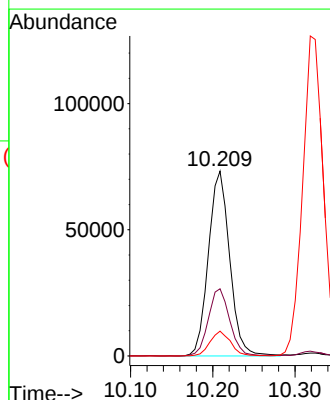
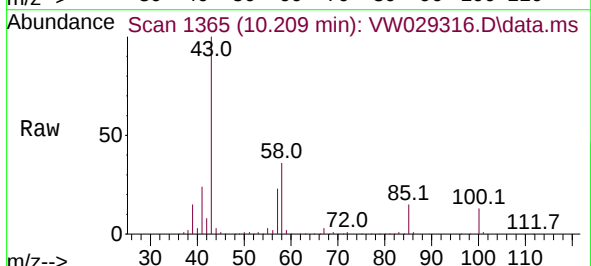
Instrument :
 MSVOA_W
 ClientSampleId :

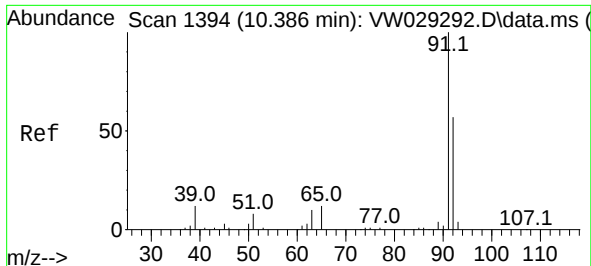
Tgt Ion: 75 Resp: 167448
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 48.831 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW029316.D
 Acq: 24 Jun 2024 08:49

Tgt Ion: 43 Resp: 131908
 Ion Ratio Lower Upper
 43 100
 58 36.4 28.2 42.4
 100 13.0 11.0 16.4





#42

Toluene

Concen: 27.715 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

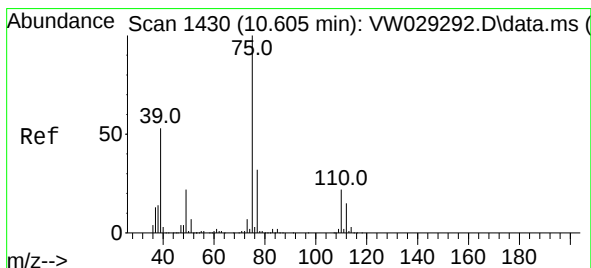
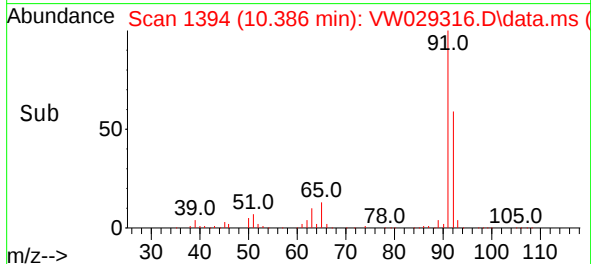
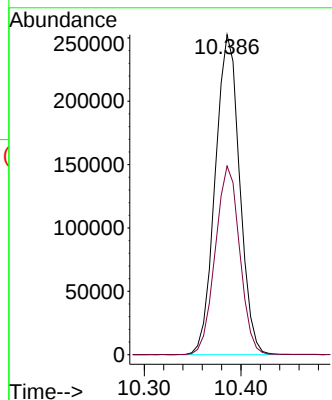
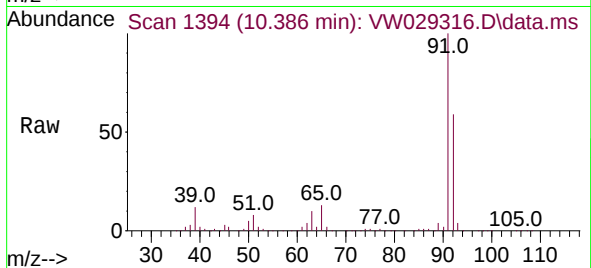
ClientSampleId :

Tgt Ion: 91 Resp: 441930

Ion Ratio Lower Upper

91 100

92 58.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 26.934 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029316.D

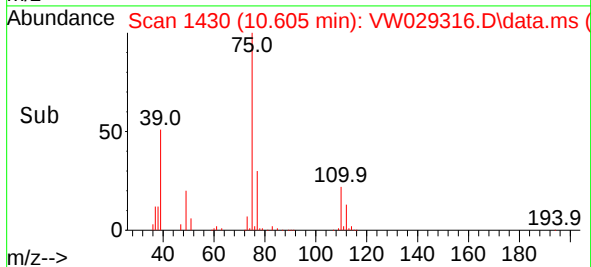
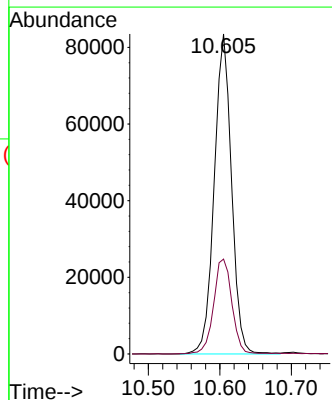
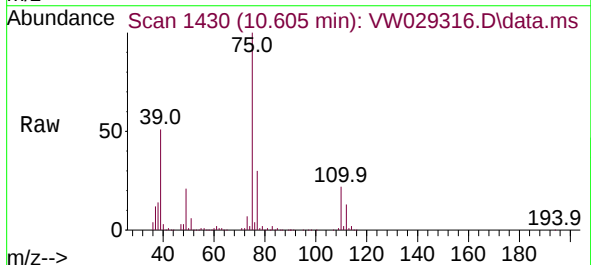
Acq: 24 Jun 2024 08:49

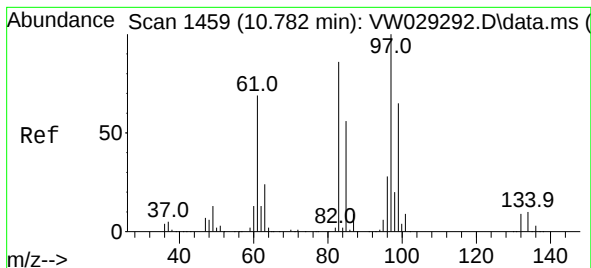
Tgt Ion: 75 Resp: 140113

Ion Ratio Lower Upper

75 100

77 29.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 25.600 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77708

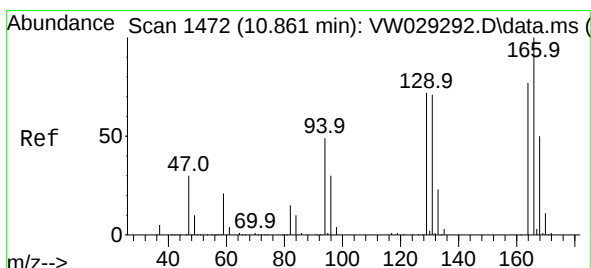
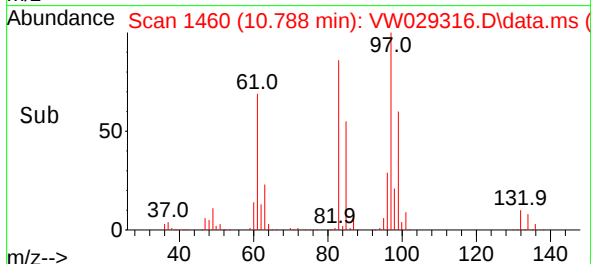
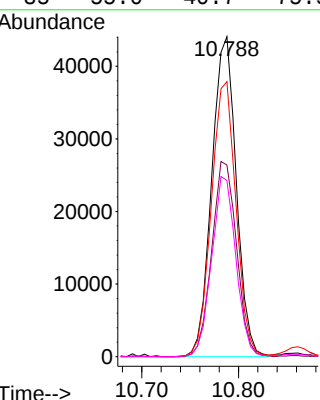
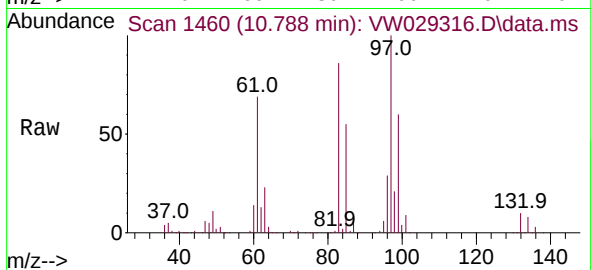
Ion Ratio Lower Upper

97 100

99 59.9 42.3 78.5

83 86.0 57.7 107.1

85 55.0 40.7 75.5



#46

Tetrachloroethene

Concen: 28.126 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Tgt Ion:164 Resp: 81361

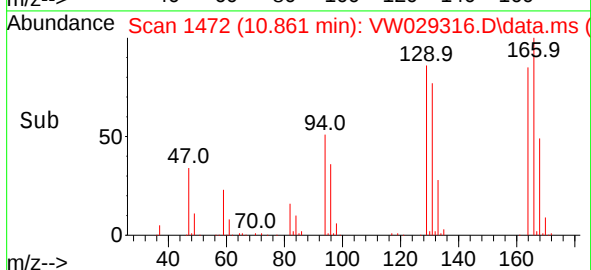
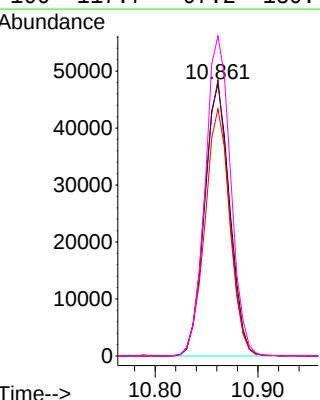
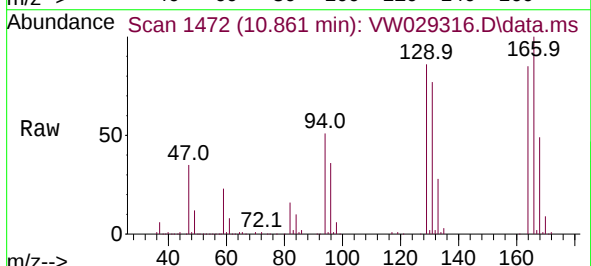
Ion Ratio Lower Upper

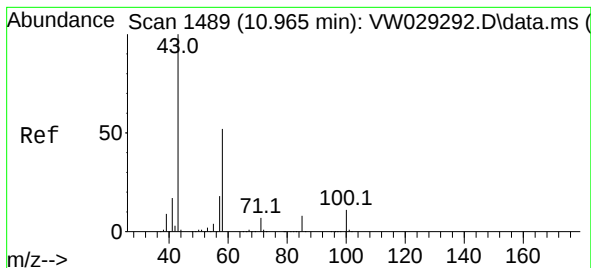
164 100

129 101.5 68.5 127.3

131 90.8 71.8 133.4

166 117.7 97.2 180.4





#48

2-Hexanone

Concen: 55.013 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

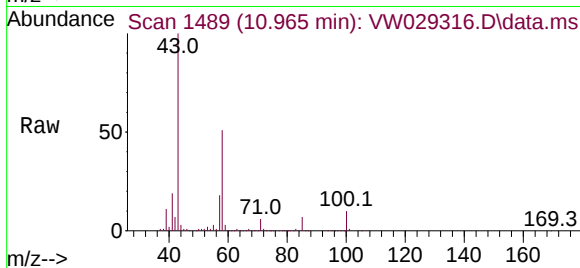
Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 105449

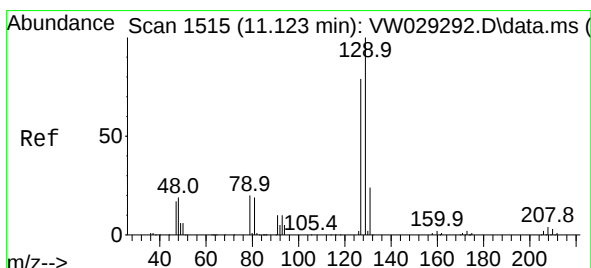
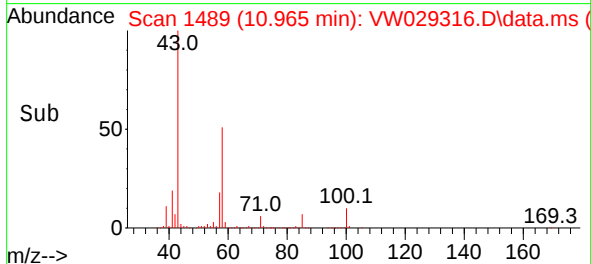
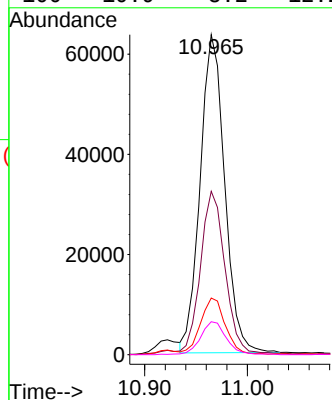
Ion Ratio Lower Upper

43 100

58 52.2 39.6 59.4

57 18.1 14.6 21.8

100 10.9 8.2 12.2



#49

Dibromochloromethane

Concen: 25.292 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW029316.D

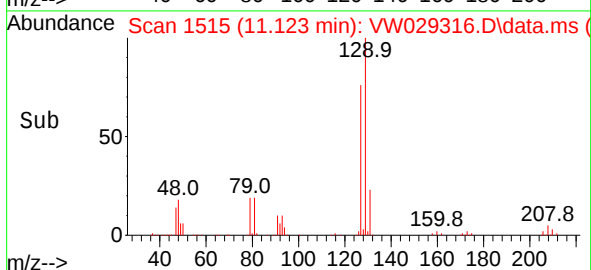
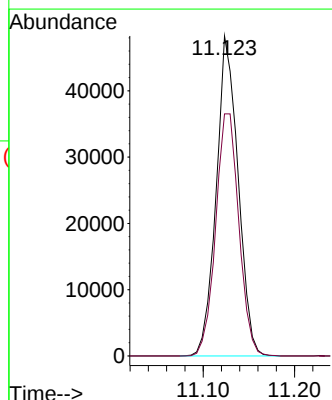
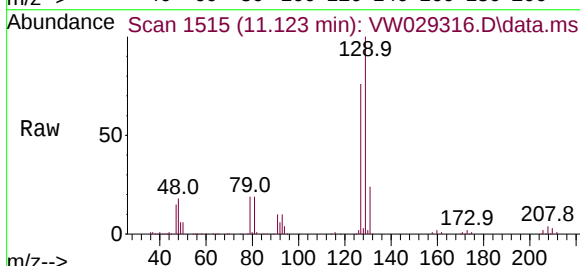
Acq: 24 Jun 2024 08:49

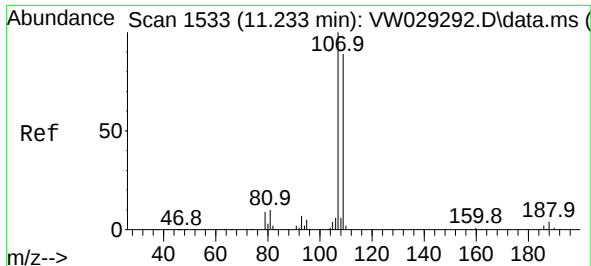
Tgt Ion:129 Resp: 80253

Ion Ratio Lower Upper

129 100

127 75.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 25.203 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

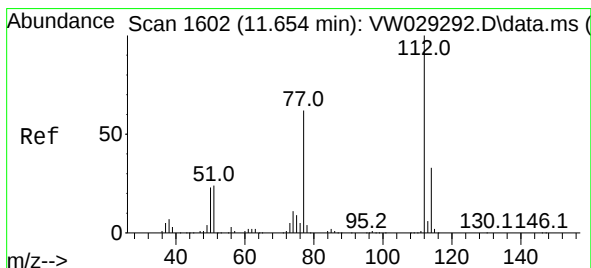
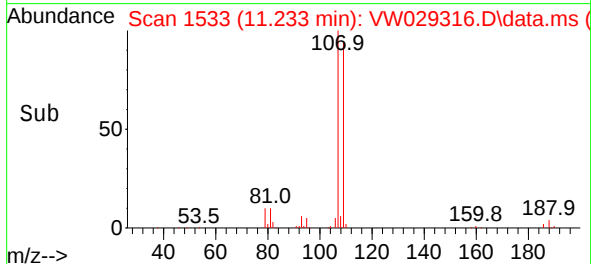
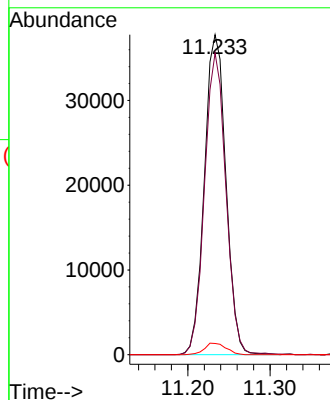
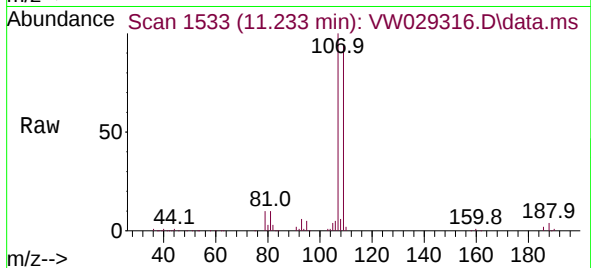
Tgt Ion:107 Resp: 68672

Ion Ratio Lower Upper

107 100

109 94.3 65.5 121.6

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 26.100 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

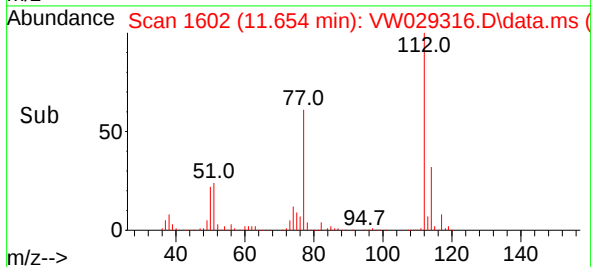
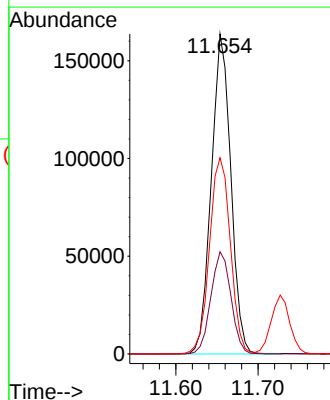
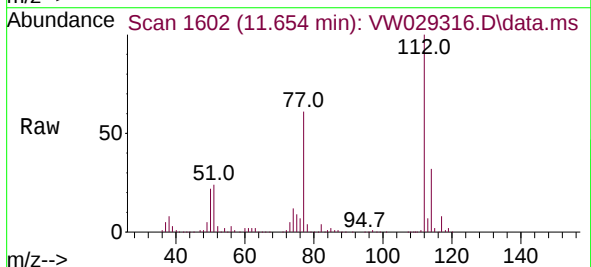
Tgt Ion:112 Resp: 270248

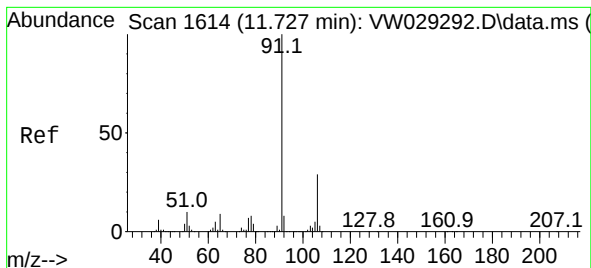
Ion Ratio Lower Upper

112 100

114 32.0 22.6 42.0

77 61.3 51.0 76.6

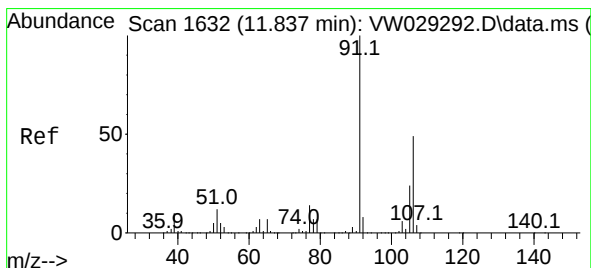
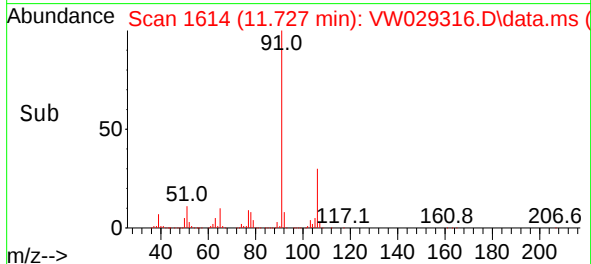
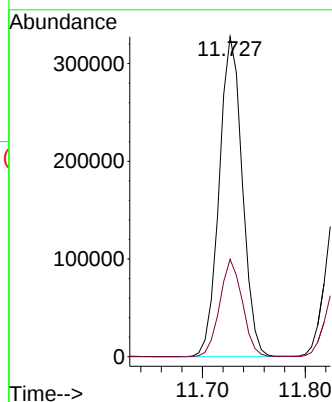
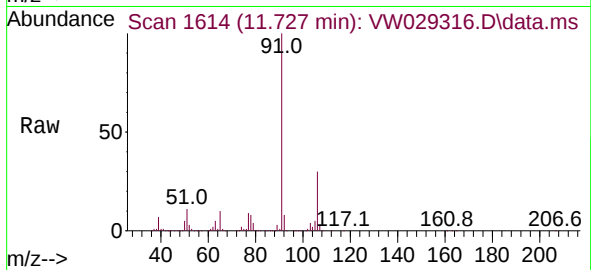




#52
Ethylbenzene
Concen: 28.270 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

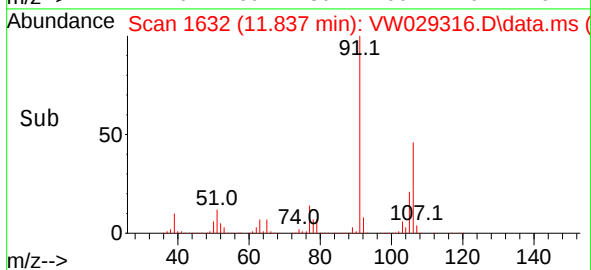
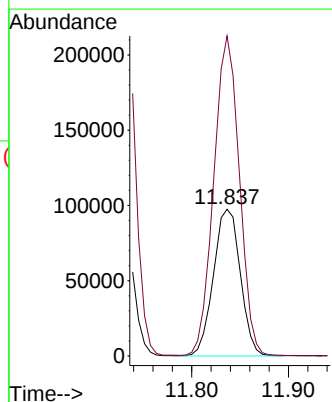
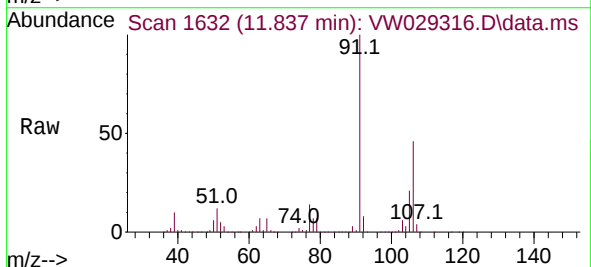
Instrument :
MSVOA_W
ClientSampleId :

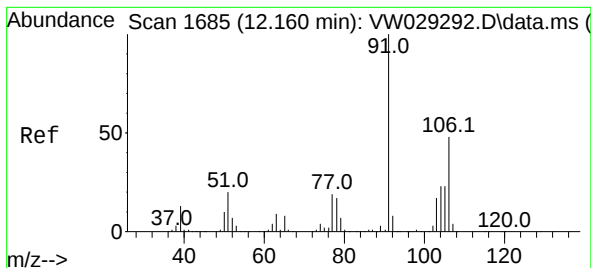
Tgt Ion: 91 Resp: 511687
Ion Ratio Lower Upper
91 100
106 30.5 19.9 37.0



#53
m,p-Xylene
Concen: 28.435 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Tgt Ion:106 Resp: 187989
Ion Ratio Lower Upper
106 100
91 218.1 140.5 260.9





#54

o-Xylene

Concen: 28.740 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

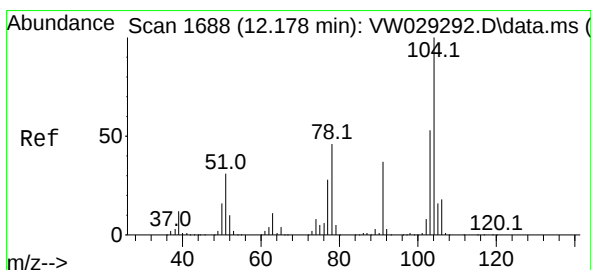
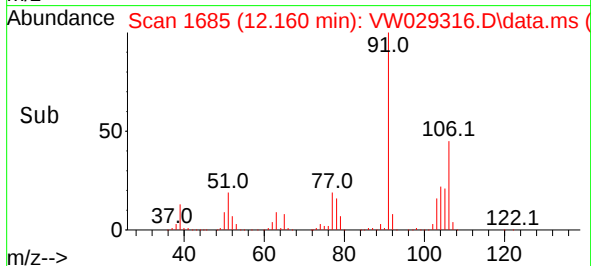
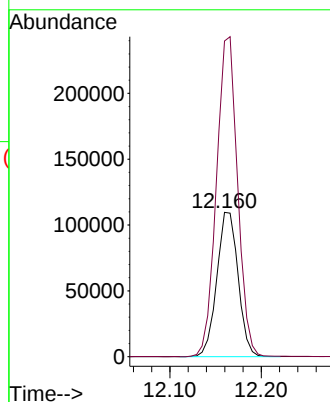
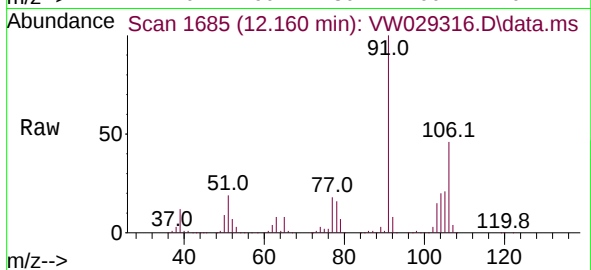
ClientSampleId :

Tgt Ion:106 Resp: 177581

Ion Ratio Lower Upper

106 100

91 218.8 149.9 278.5



#55

Styrene

Concen: 28.725 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029316.D

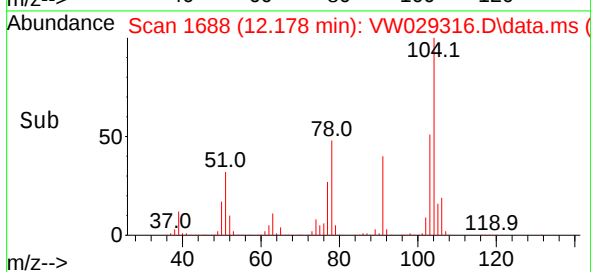
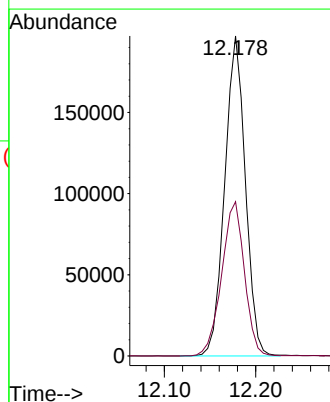
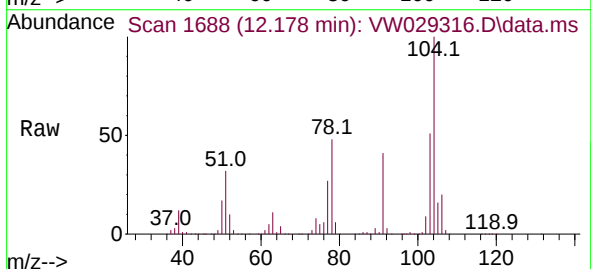
Acq: 24 Jun 2024 08:49

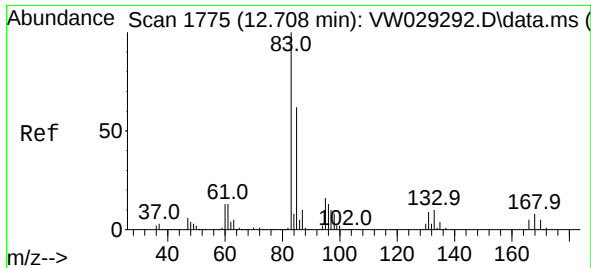
Tgt Ion:104 Resp: 309460

Ion Ratio Lower Upper

104 100

78 48.2 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.127 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

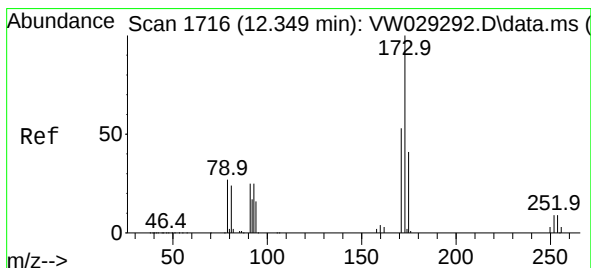
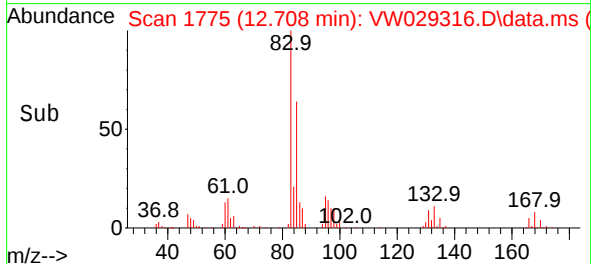
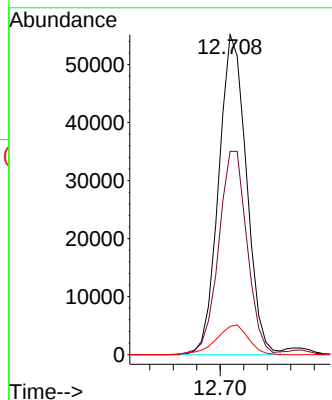
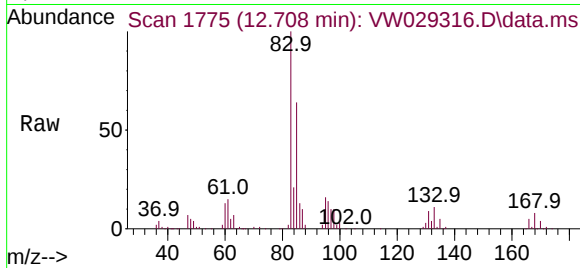
Tgt Ion: 83 Resp: 90592

Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.0

131 8.8 7.8 11.6



#59

Bromoform

Concen: 24.289 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

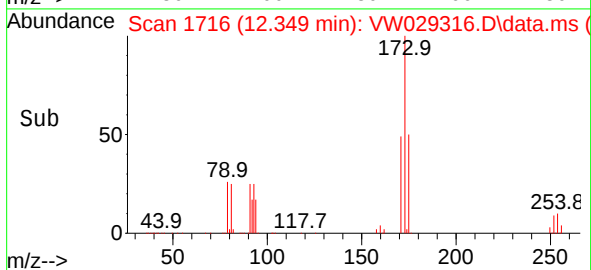
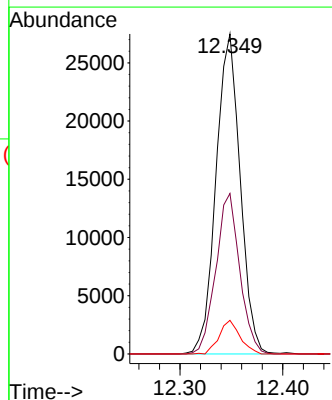
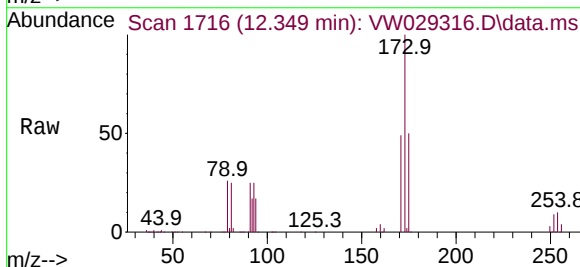
Tgt Ion:173 Resp: 44893

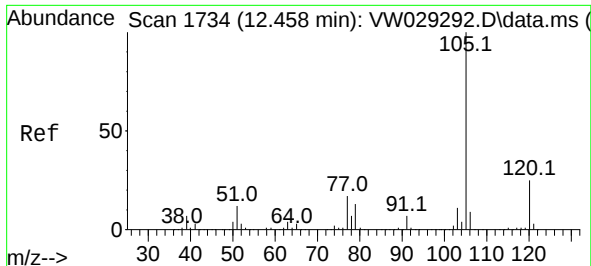
Ion Ratio Lower Upper

173 100

175 49.5 37.8 56.8

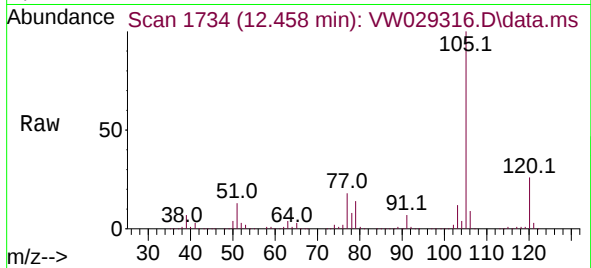
254 9.0 7.8 11.6



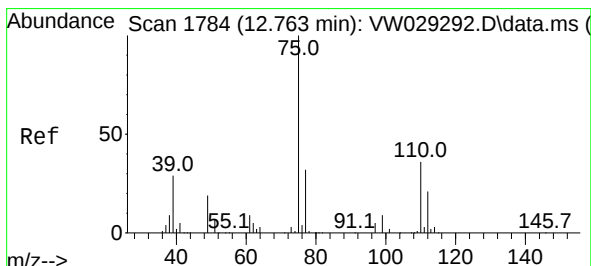
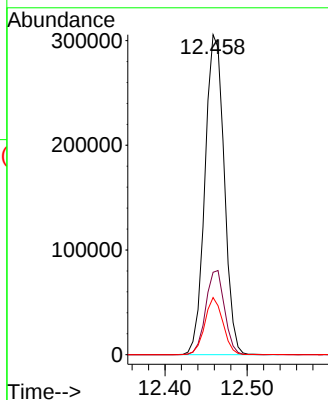
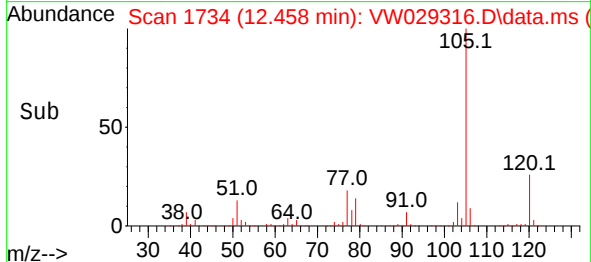


#60
Isopropylbenzene
Concen: 27.600 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

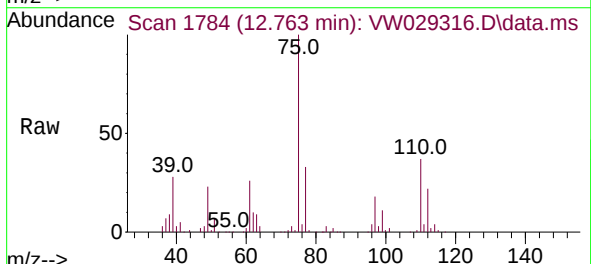
Instrument :
MSVOA_W
ClientSampleId :



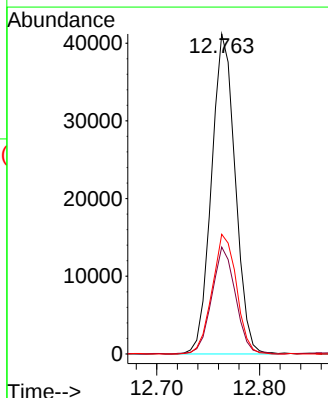
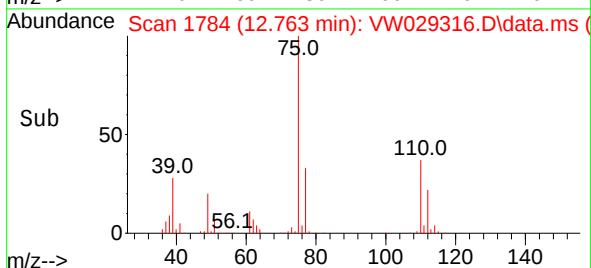
Tgt Ion:105 Resp: 495949
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.9 13.6 20.4

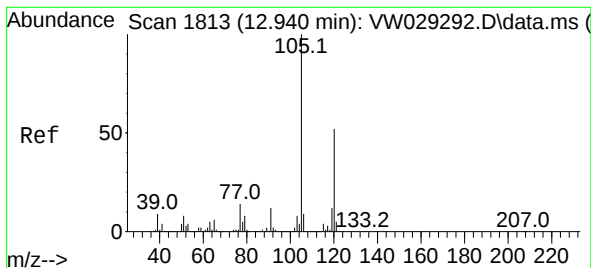


#61
1,2,3-Trichloropropane
Concen: 22.438 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49



Tgt Ion: 75 Resp: 65998
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 38.4 29.5 44.3

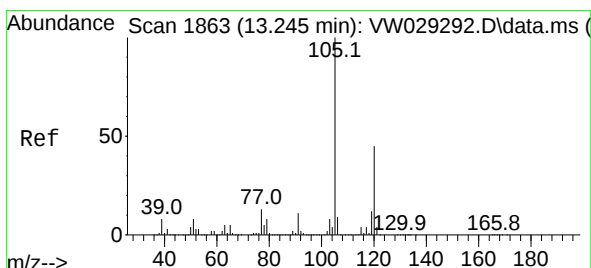
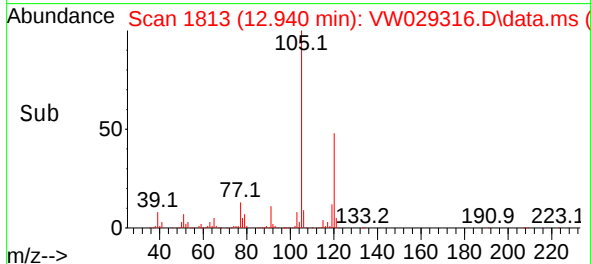
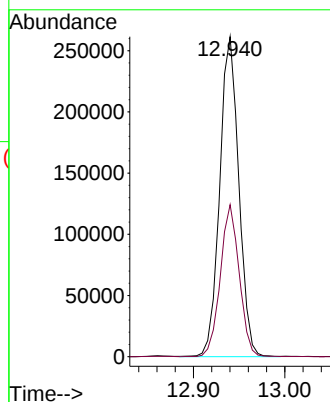
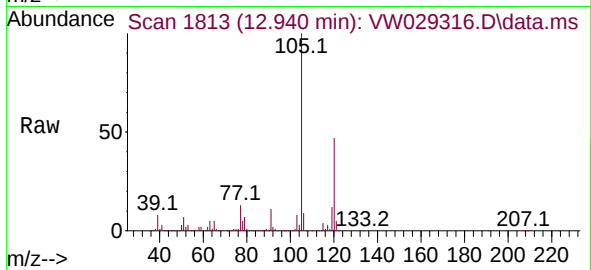




#62
1,3,5-Trimethylbenzene
Concen: 29.201 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

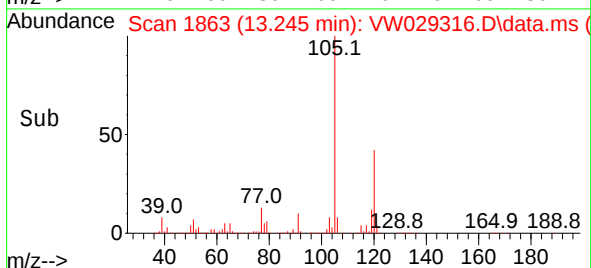
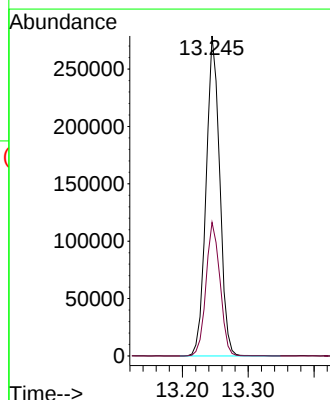
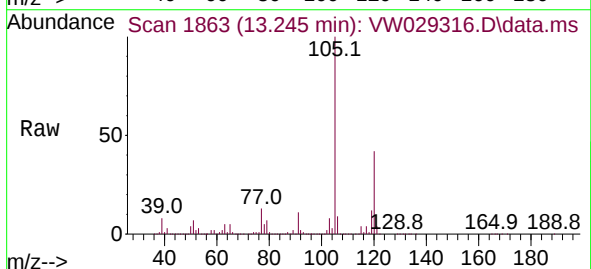
Instrument :
MSVOA_W
ClientSampleId :

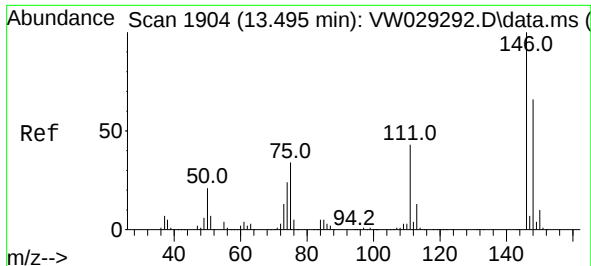
Tgt Ion:105 Resp: 380004
Ion Ratio Lower Upper
105 100
120 47.0 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 28.701 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Tgt Ion:105 Resp: 401870
Ion Ratio Lower Upper
105 100
120 42.8 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 27.077 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

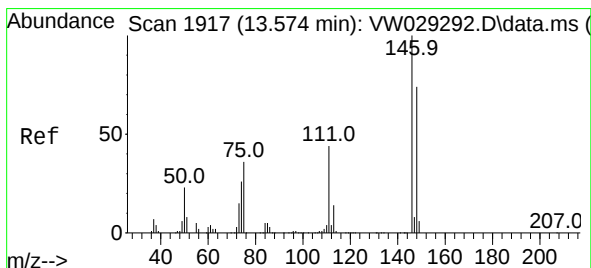
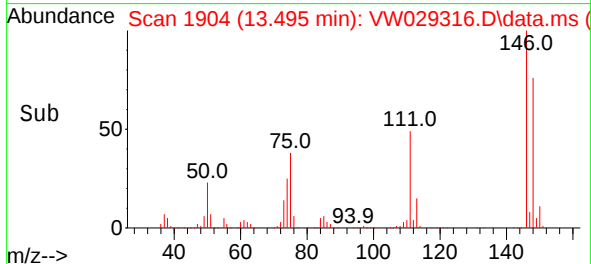
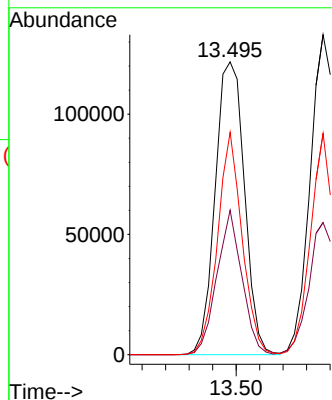
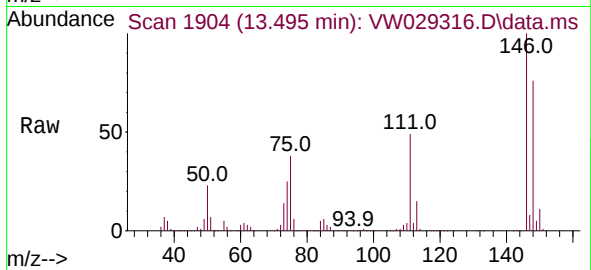
Tgt Ion:146 Resp: 210557

Ion Ratio Lower Upper

146 100

111 49.3 33.0 61.2

148 76.0 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 25.773 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

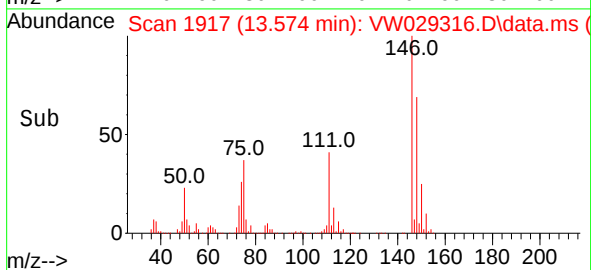
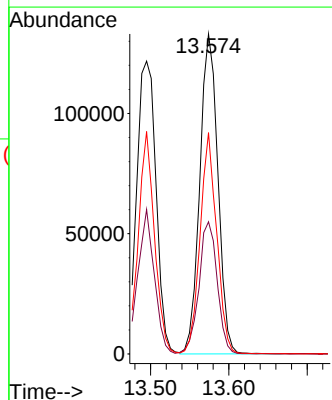
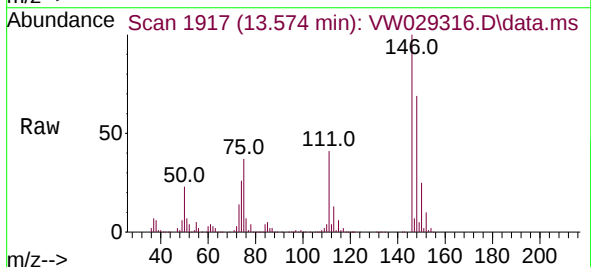
Tgt Ion:146 Resp: 213230

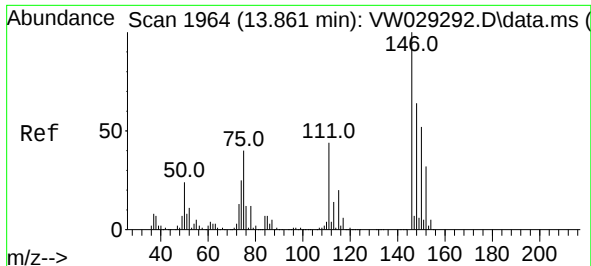
Ion Ratio Lower Upper

146 100

111 41.3 28.9 53.7

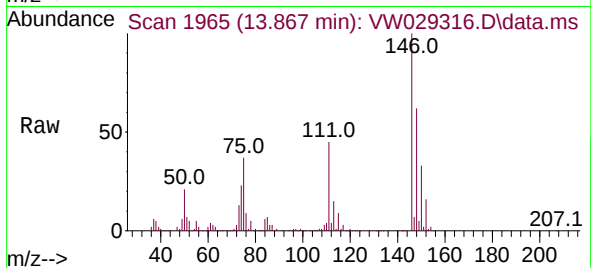
148 69.1 42.0 78.0



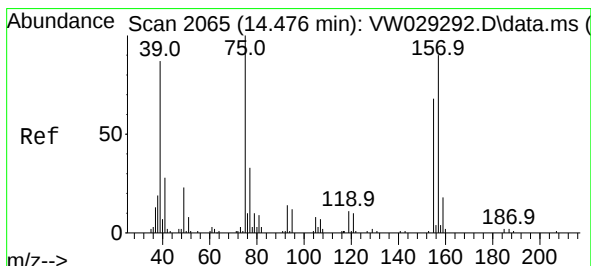
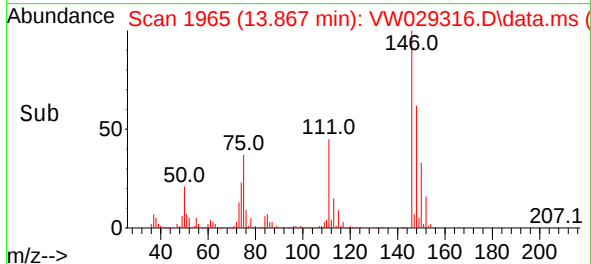
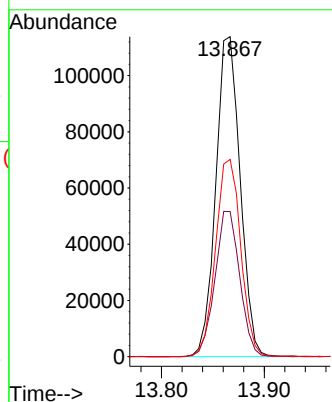


#67
1,2-Dichlorobenzene
Concen: 26.086 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Instrument :
MSVOA_W
ClientSampleId :

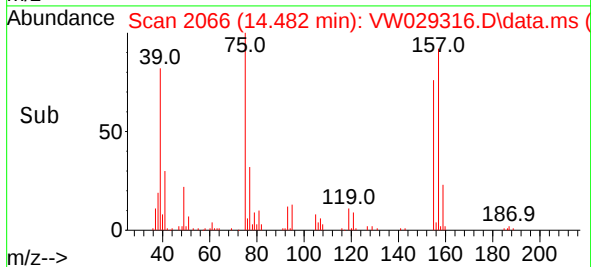
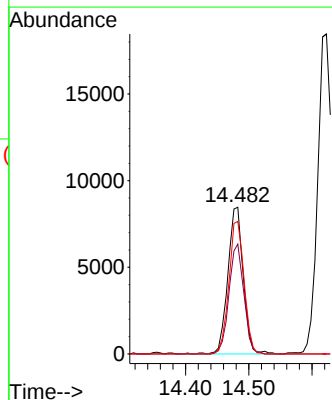
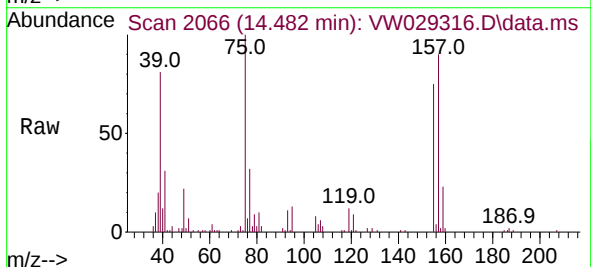


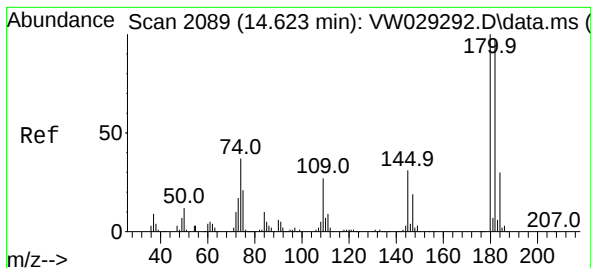
Tgt Ion:146 Resp: 187525
Ion Ratio Lower Upper
146 100
111 45.4 34.2 51.4
148 61.6 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 20.859 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029316.D
Acq: 24 Jun 2024 08:49

Tgt Ion: 75 Resp: 14318
Ion Ratio Lower Upper
75 100
155 74.9 51.0 76.6
157 90.3 58.8 88.2#





#69

1,3,5-Trichlorobenzene

Concen: 27.058 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

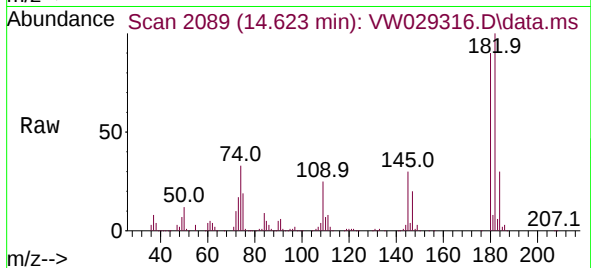
Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 142004

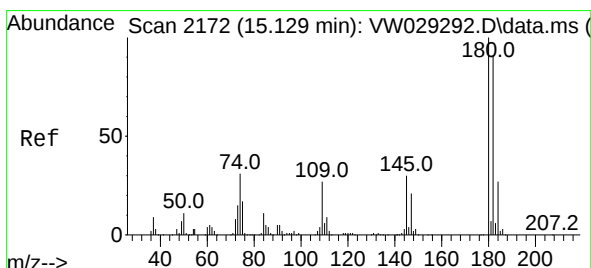
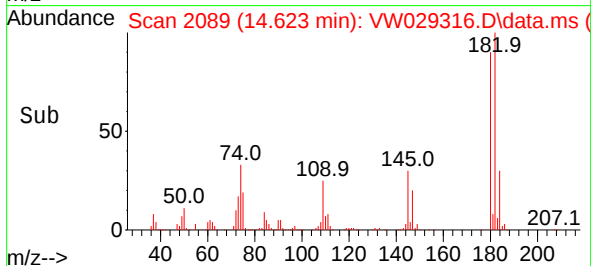
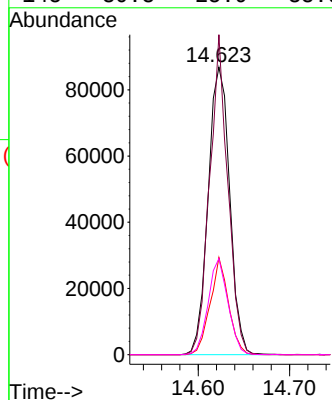
Ion Ratio Lower Upper

180 100

182 94.2 72.9 109.3

184 28.9 23.8 35.6

145 30.8 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 26.849 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

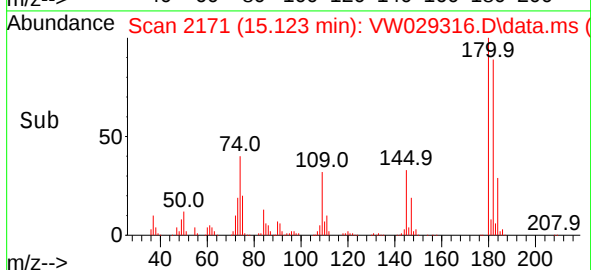
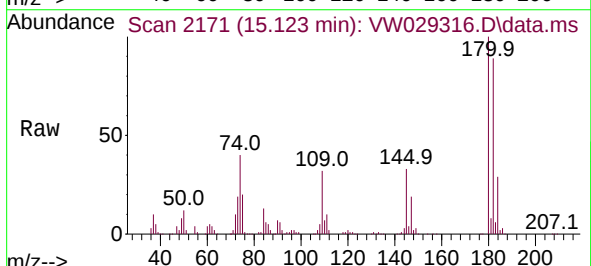
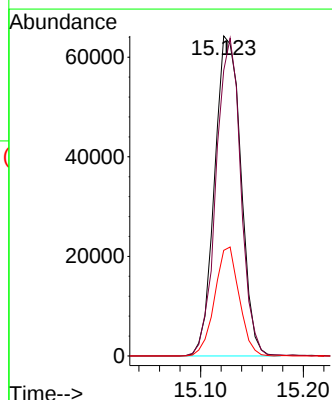
Tgt Ion:180 Resp: 114224

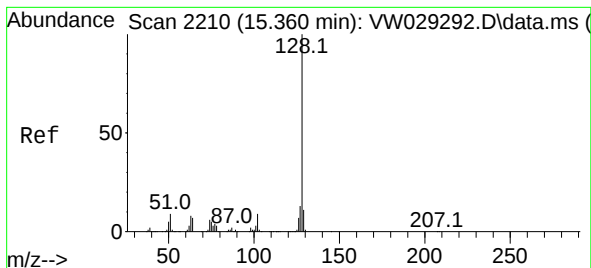
Ion Ratio Lower Upper

180 100

182 93.0 77.7 116.5

145 31.7 25.7 38.5





#71

Naphthalene

Concen: 24.684 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Instrument :

MSVOA_W

ClientSampleId :

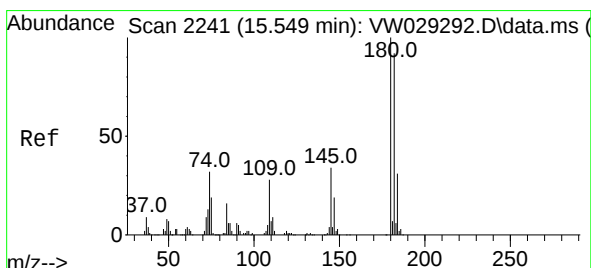
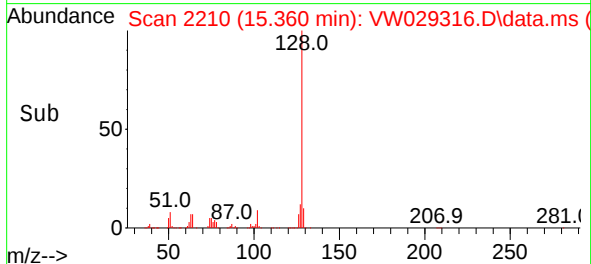
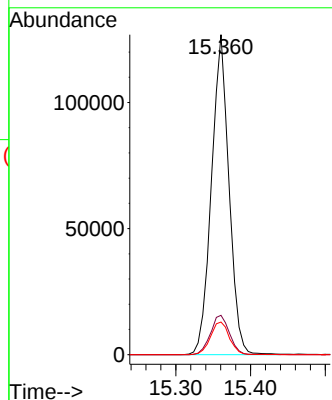
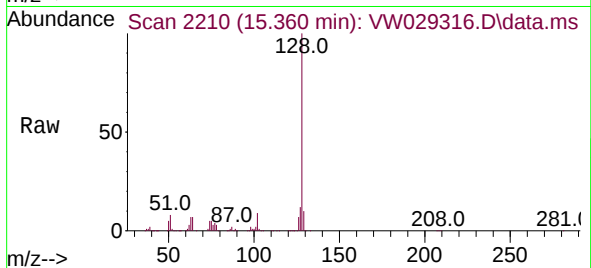
Tgt Ion:128 Resp: 207257

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.345 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029316.D

Acq: 24 Jun 2024 08:49

Tgt Ion:180 Resp: 98244

Ion Ratio Lower Upper

180 100

182 95.9 73.0 109.6

145 34.2 28.1 42.1

