

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029437.D
 Acq On : 02 Jul 2024 11:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 03 05:39:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	262087	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120502	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	61500	16.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.800%
7) Chloroethane-d5	2.899	69	54259	17.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.840%
11) 1,1-Dichloroethene-d2	4.021	65	33044	18.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.480%
21) 2-Butanone-d5	7.075	46	46067	42.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.900%
24) Chloroform-d	7.648	84	166375	21.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.307	65	89884	20.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	8.276	84	315196	21.211	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.840%
36) 1,2-Dichloropropane-d6	9.270	67	103388	21.888	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.560%
41) Toluene-d8	10.325	98	274176	20.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	10.575	79	39451	20.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.920%
47) 2-Hexanone-d5	10.922	63	31839	42.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75712	20.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	94101	22.497	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53042	20.744	ug/L	98
3) Chloromethane	2.223	50	70729	19.400	ug/L	98
5) Vinyl chloride	2.375	62	92328	22.051	ug/L	98
6) Bromomethane	2.789	94	53674	21.329	ug/L	95
8) Chloroethane	2.936	64	57784	22.564	ug/L	100
9) Trichlorofluoromethane	3.271	101	88195	27.170	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	84546	23.623	ug/L #	91
12) 1,1-Dichloroethene	4.045	96	79492	26.176	ug/L #	77
13) Acetone	4.119	43	61552	66.735	ug/L	96
14) Carbon disulfide	4.387	76	215415	21.729	ug/L	99
15) Methyl Acetate	4.667	43	41011	22.398	ug/L	99
16) Methylene chloride	4.917	84	91787	19.917	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	85275	25.285	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	140411	26.023	ug/L	99
19) 1,1-Dichloroethane	6.216	63	186877	25.656	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	99256	26.689	ug/L	96
22) 2-Butanone	7.173	43	68175	53.922	ug/L	100
23) Bromochloromethane	7.514	128	39788	24.033	ug/L	93
25) Chloroform	7.679	83	183683	25.825	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029437.D
 Acq On : 02 Jul 2024 11:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 03 05:39:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

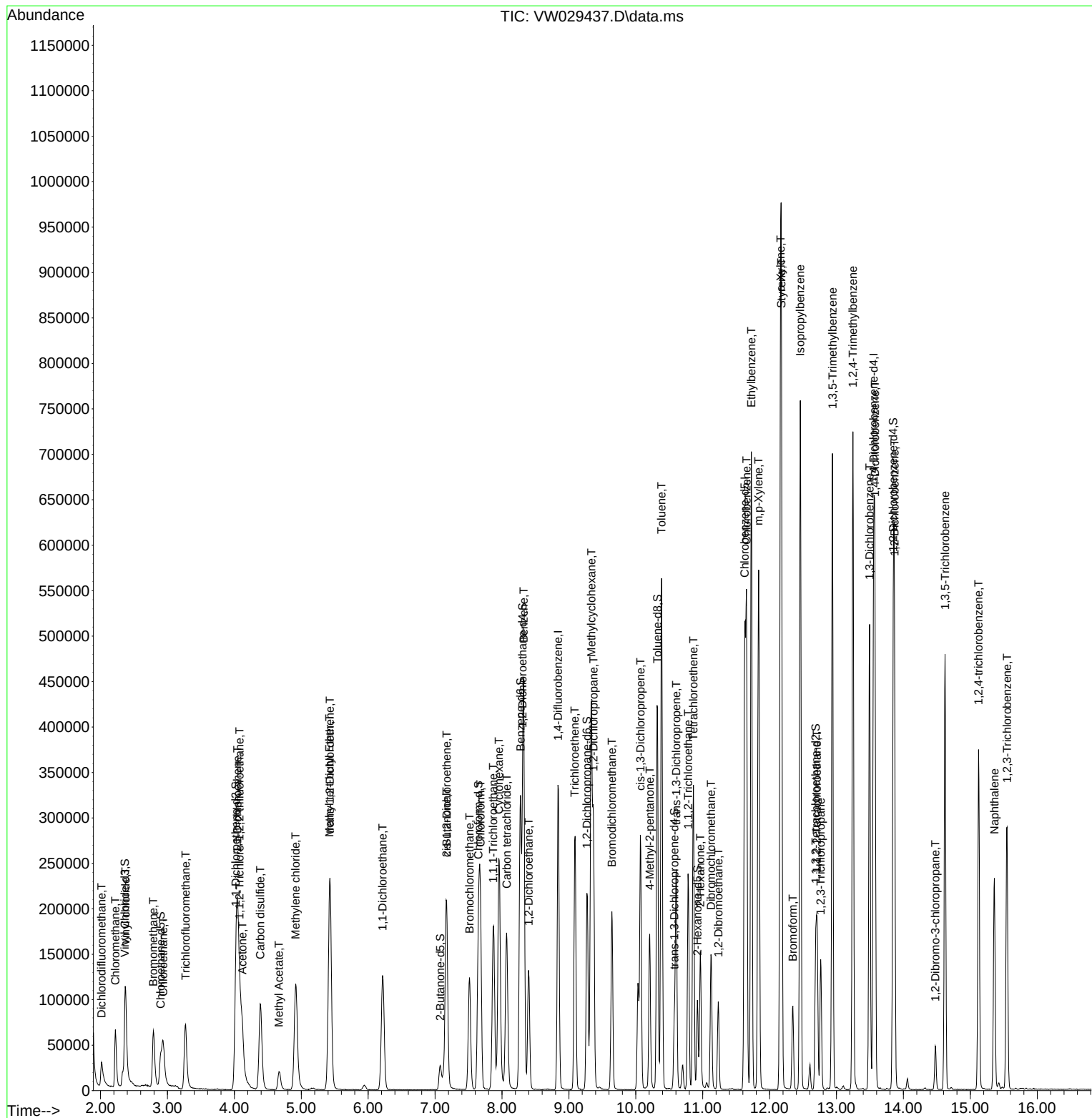
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123188	23.484	ug/L	100
29) Cyclohexane	7.953	56	148957	26.634	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	147938	27.194	ug/L	97
31) Carbon tetrachloride	8.069	117	130480	26.256	ug/L	97
33) Benzene	8.325	78	386469	26.291	ug/L	100
34) Trichloroethene	9.087	95	100311	25.578	ug/L	95
35) Methylcyclohexane	9.337	83	162771	26.391	ug/L	97
37) 1,2-Dichloropropane	9.368	63	107749	26.086	ug/L	98
38) Bromodichloromethane	9.642	83	130515	25.844	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	155730	26.672	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	118674	46.355	ug/L	98
42) Toluene	10.386	91	391495	25.907	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	127572	25.876	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70024	24.342	ug/L	93
46) Tetrachloroethene	10.861	164	71361	26.030	ug/L	94
48) 2-Hexanone	10.965	43	98732	54.350	ug/L	100
49) Dibromochloromethane	11.123	129	77012	25.610	ug/L	94
50) 1,2-Dibromoethane	11.233	107	63492	24.587	ug/L #	95
51) Chlorobenzene	11.654	112	255067	25.992	ug/L	96
52) Ethylbenzene	11.727	91	471419	27.482	ug/L	99
53) m,p-Xylene	11.837	106	172213	27.485	ug/L	92
54) o-Xylene	12.166	106	164853	28.152	ug/L	97
55) Styrene	12.178	104	283441	27.761	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	82259	23.117	ug/L	100
59) Bromoform	12.349	173	39390	23.850	ug/L	96
60) Isopropylbenzene	12.458	105	467348	29.107	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59537	22.652	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	357188	30.717	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	371291	29.676	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	194059	27.928	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	197102	26.661	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	169604	26.403	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12458	20.311	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	138244	29.480	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	108063	28.427	ug/L	97
71) Naphthalene	15.360	128	190650	25.410	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92226	26.626	ug/L	96

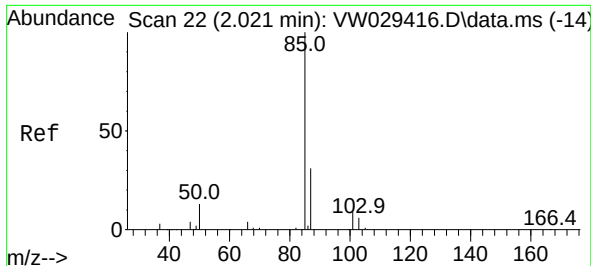
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
Data File : VW029437.D
Acq On : 02 Jul 2024 11:44
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 03 05:39:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 29 02:05:50 2024
Response via : Initial Calibration

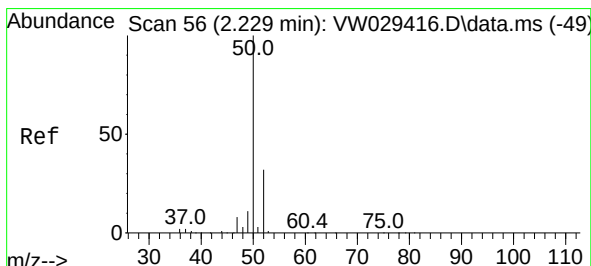
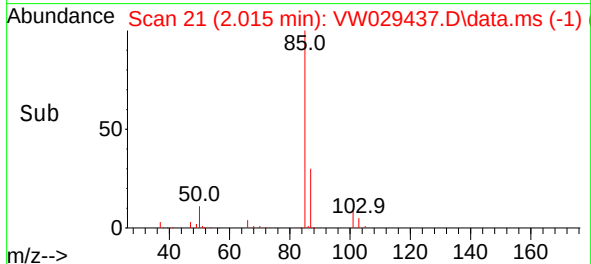
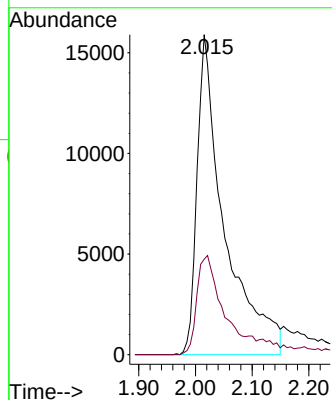
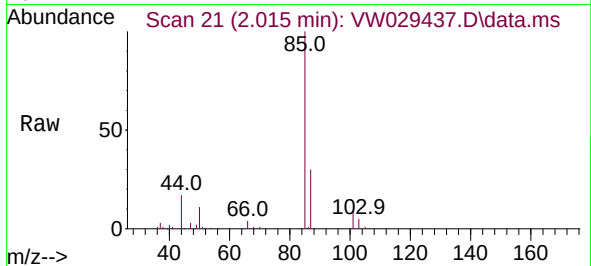




#2
Dichlorodifluoromethane
Concen: 20.744 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

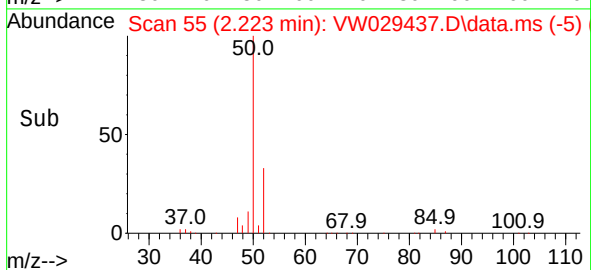
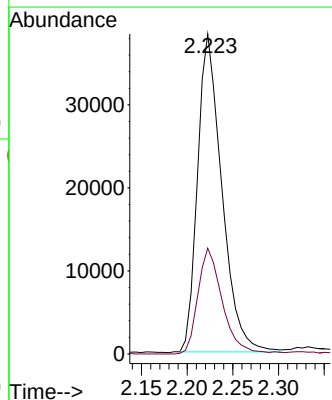
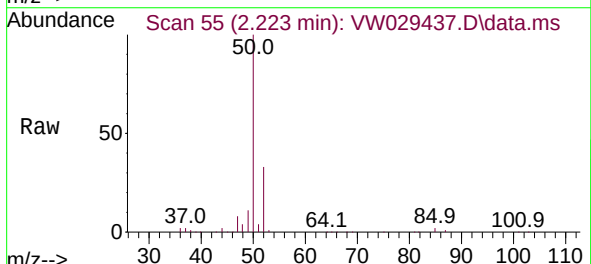
Instrument :
MSVOA_W
ClientSampleId :

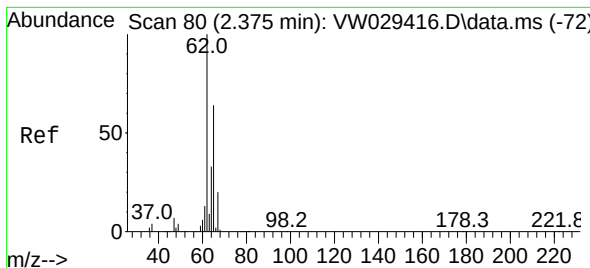
Tgt Ion: 85 Resp: 53042
Ion Ratio Lower Upper
85 100
87 28.8 23.8 35.6



#3
Chloromethane
Concen: 19.400 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

Tgt Ion: 50 Resp: 70729
Ion Ratio Lower Upper
50 100
52 33.1 22.3 41.5





#5

Vinyl chloride

Concen: 22.051 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

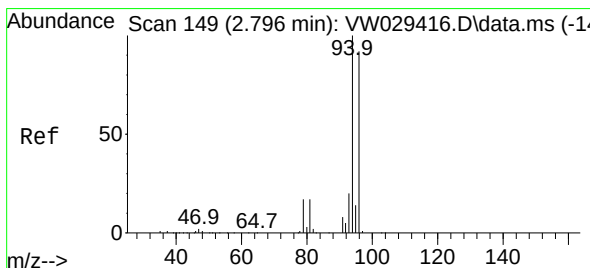
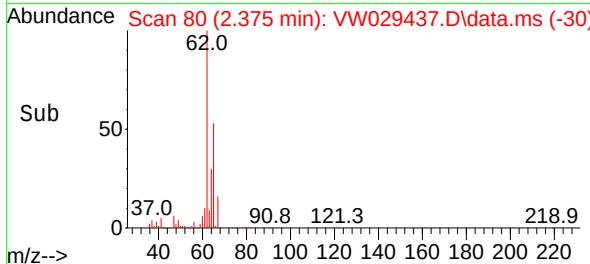
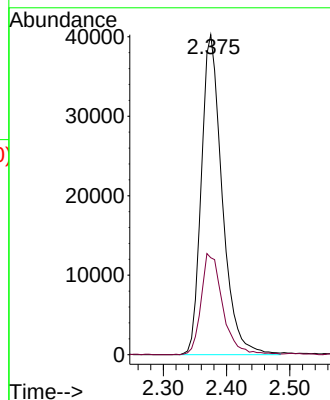
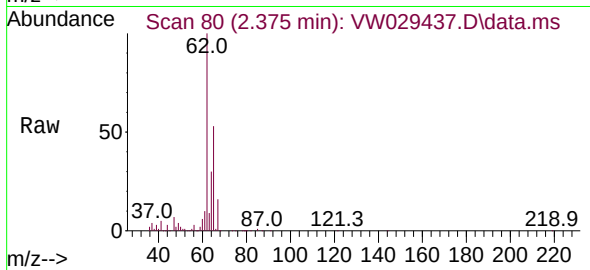
ClientSampleId :

Tgt Ion: 62 Resp: 92328

Ion Ratio Lower Upper

62 100

64 30.3 22.0 40.8



#6

Bromomethane

Concen: 21.329 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029437.D

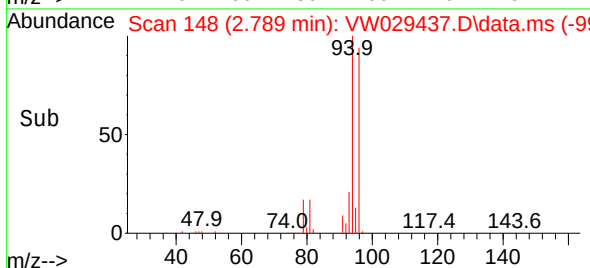
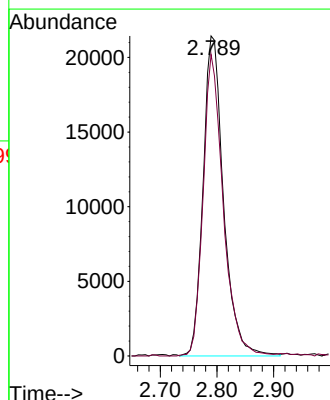
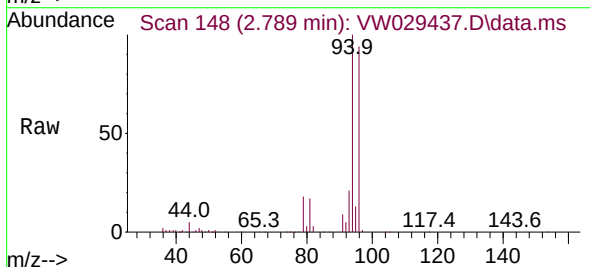
Acq: 02 Jul 2024 11:44

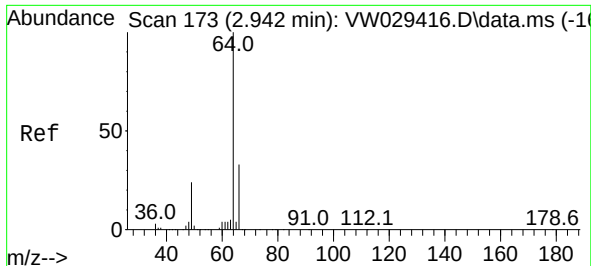
Tgt Ion: 94 Resp: 53674

Ion Ratio Lower Upper

94 100

96 94.2 69.5 129.1

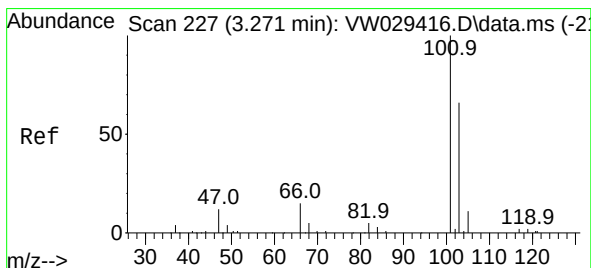
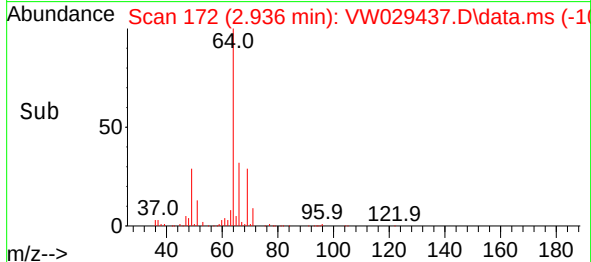
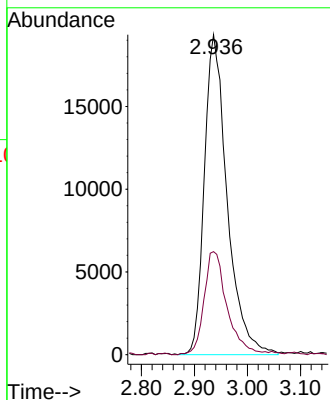
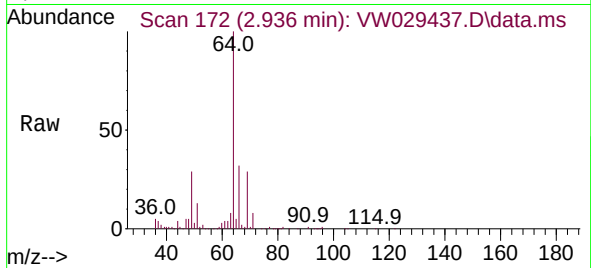




#8
Chloroethane
Concen: 22.564 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

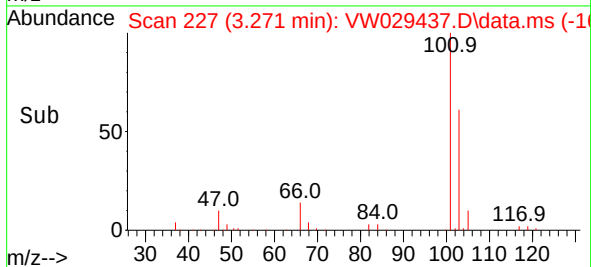
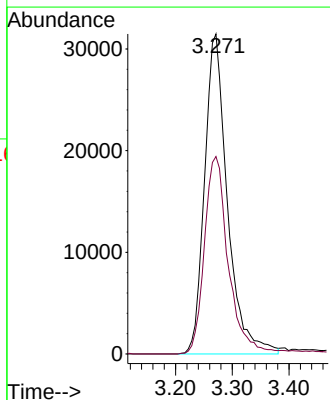
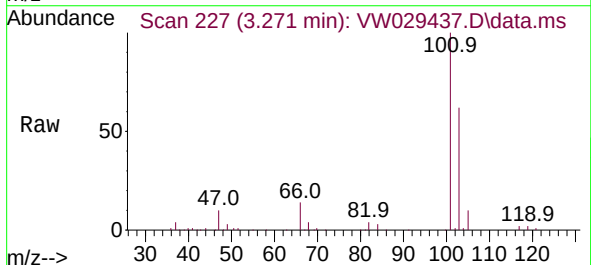
Instrument :
MSVOA_W
ClientSampleId :

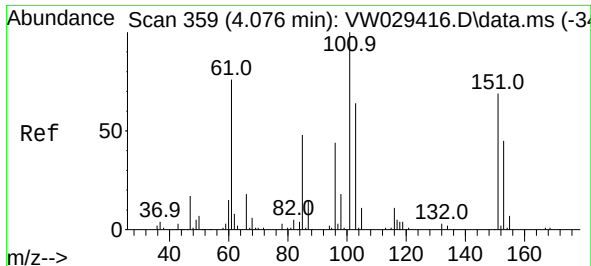
Tgt Ion: 64 Resp: 57784
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 27.170 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

Tgt Ion:101 Resp: 88195
Ion Ratio Lower Upper
101 100
103 64.2 50.8 76.2





#10

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

Concen: 23.623 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :

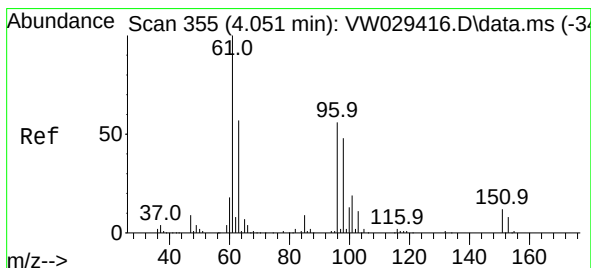
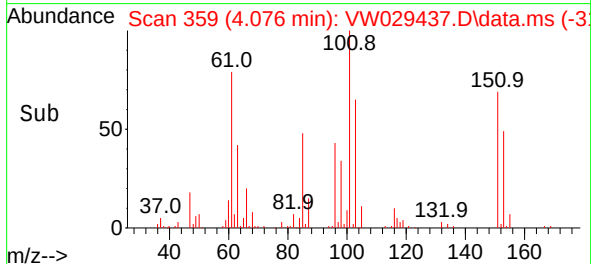
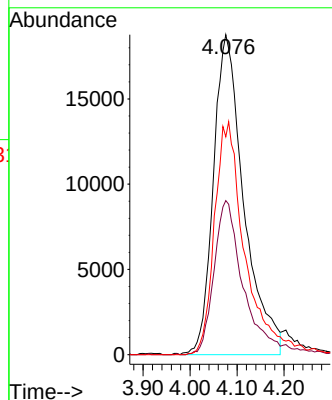
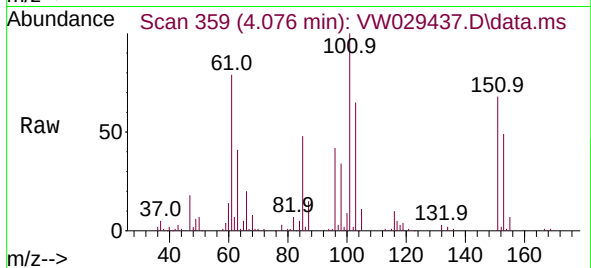
Tgt Ion:101 Resp: 84546

Ion Ratio Lower Upper

101 100

85 45.6 30.2 45.2#

151 70.9 52.2 78.4



#12

1,1-Dichloroethene

Concen: 26.176 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

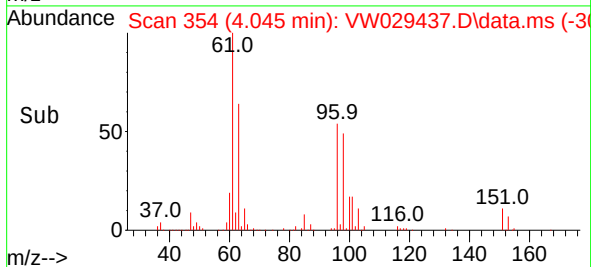
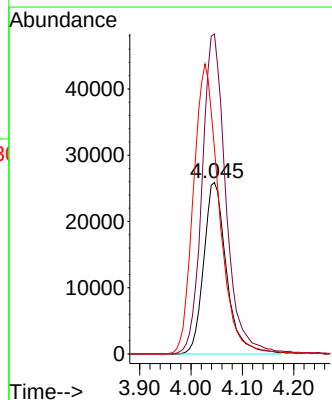
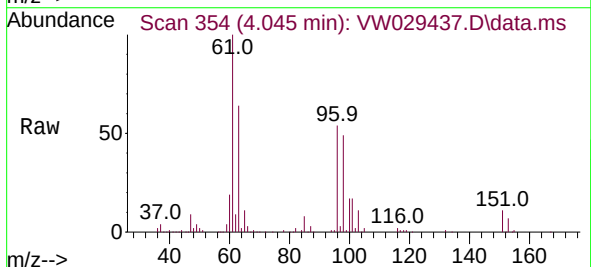
Tgt Ion: 96 Resp: 79492

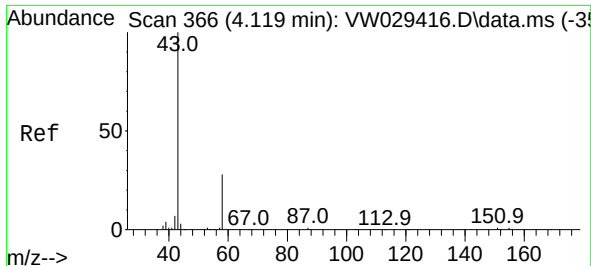
Ion Ratio Lower Upper

96 100

61 186.6 140.1 260.3

63 119.9 122.0 226.6#

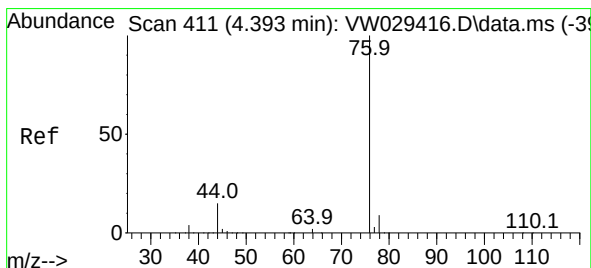
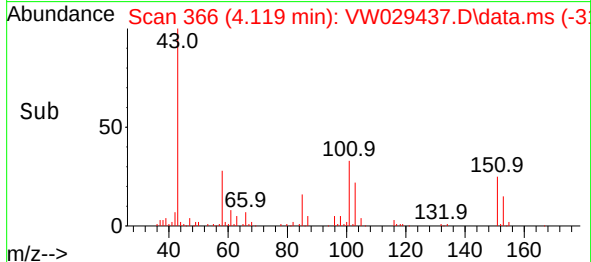
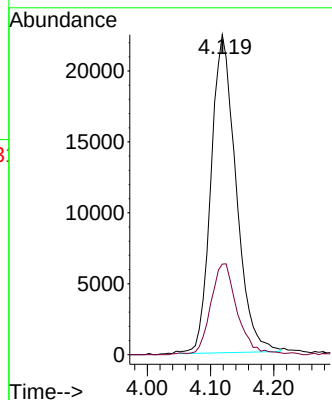
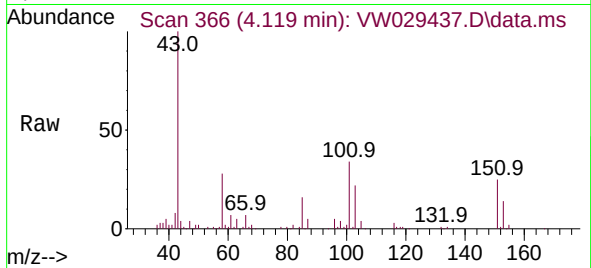




#13
Acetone
Concen: 66.735 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

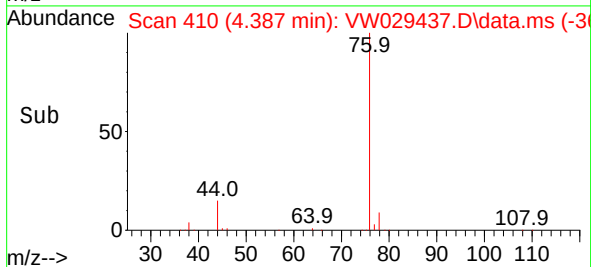
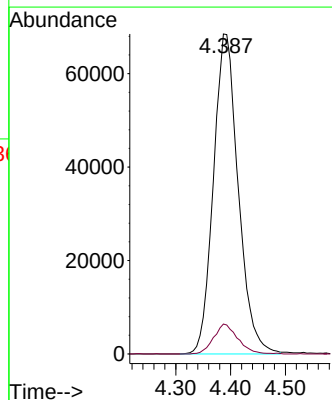
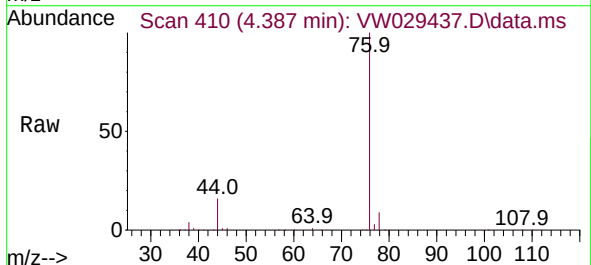
Instrument :
MSVOA_W
ClientSampleId :

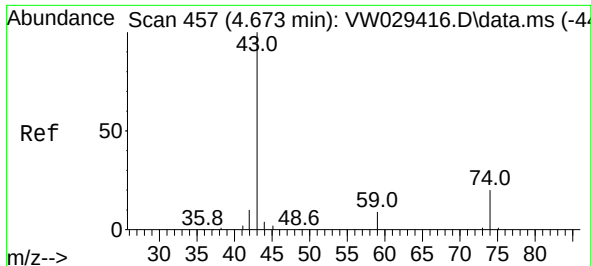
Tgt Ion: 43 Resp: 61552
Ion Ratio Lower Upper
43 100
58 28.7 0.0 61.4



#14
Carbon disulfide
Concen: 21.729 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

Tgt Ion: 76 Resp: 215415
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

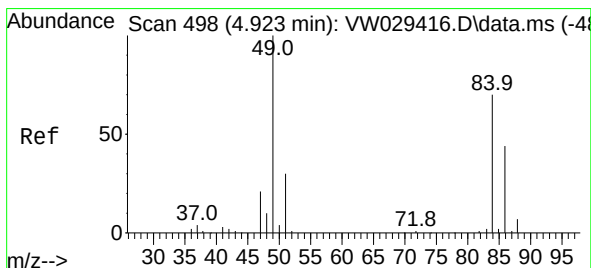
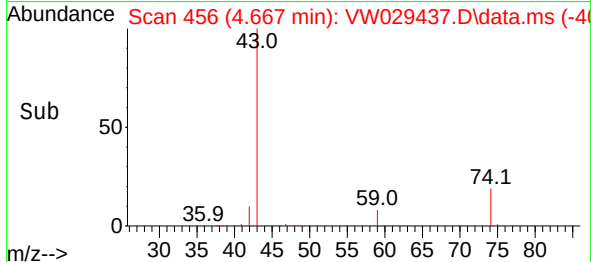
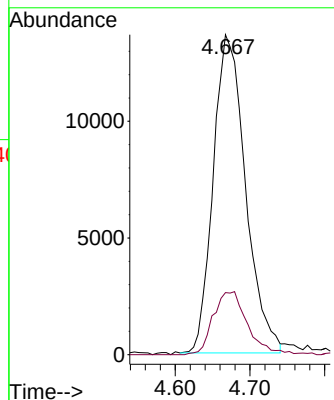
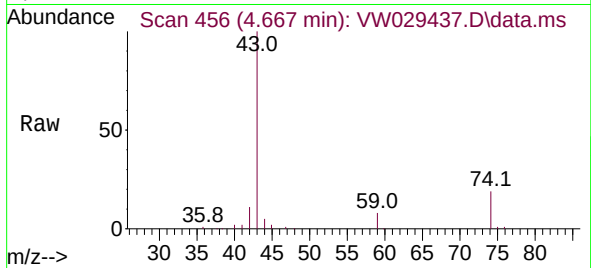




#15
Methyl Acetate
Concen: 22.398 ug/L
RT: 4.667 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

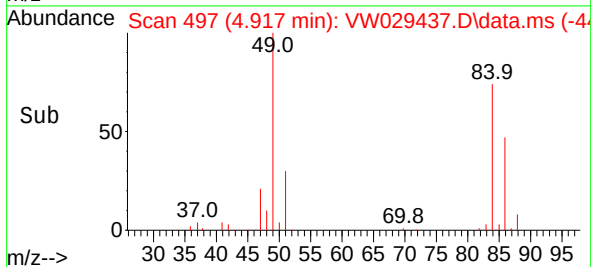
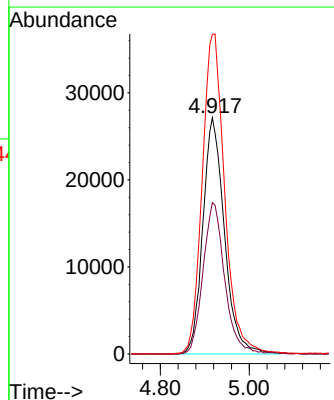
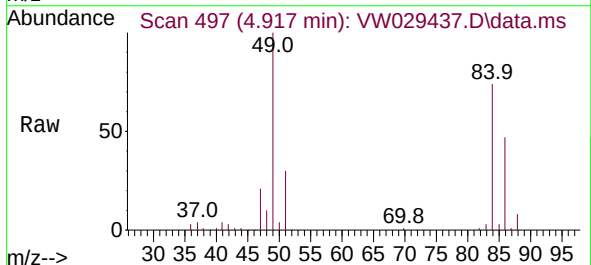
Instrument :
MSVOA_W
ClientSampleId :

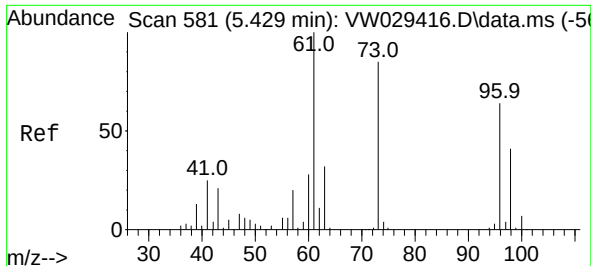
Tgt Ion: 43 Resp: 41011
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0



#16
Methylene chloride
Concen: 19.917 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

Tgt Ion: 84 Resp: 91787
Ion Ratio Lower Upper
84 100
86 64.1 41.4 77.0
49 135.3 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 25.285 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :

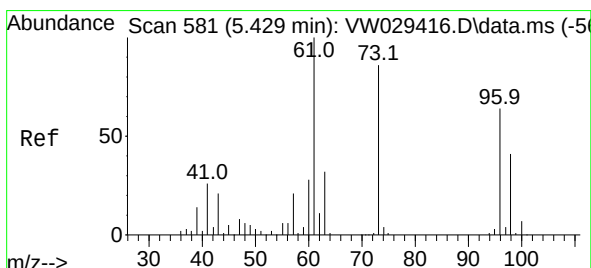
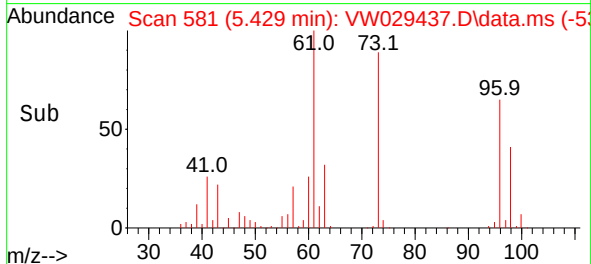
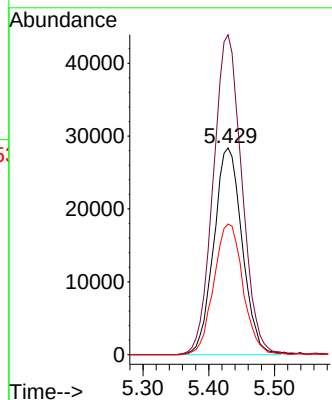
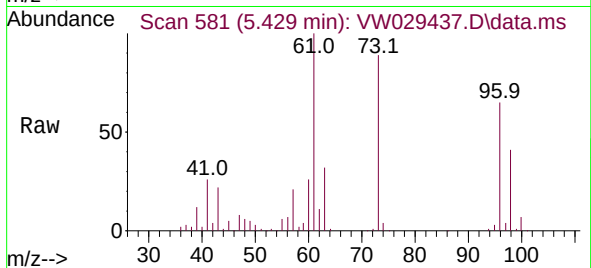
Tgt Ion: 96 Resp: 85275

Ion Ratio Lower Upper

96 100

61 154.8 101.5 188.5

98 63.3 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 26.023 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

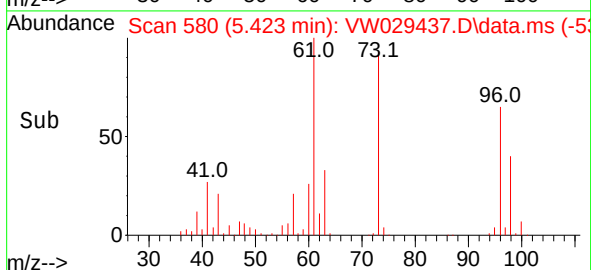
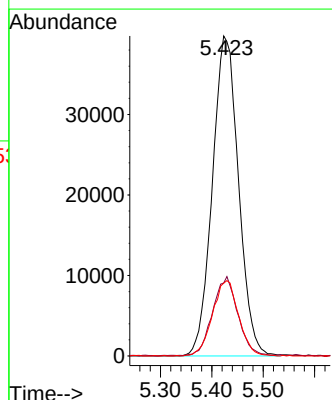
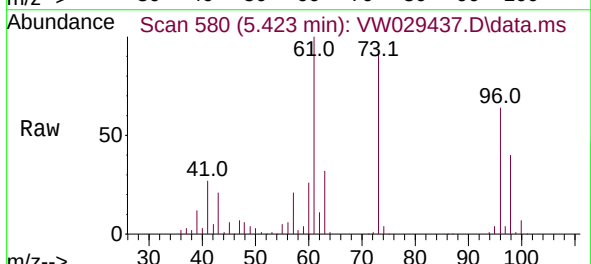
Tgt Ion: 73 Resp: 140411

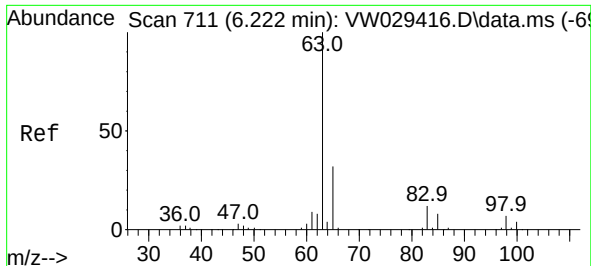
Ion Ratio Lower Upper

73 100

43 23.7 19.5 29.3

57 23.5 18.4 27.6





#19

1,1-Dichloroethane

Concen: 25.656 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :

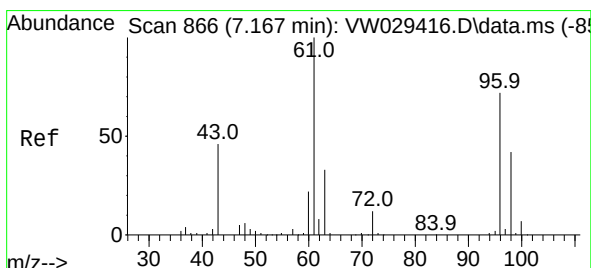
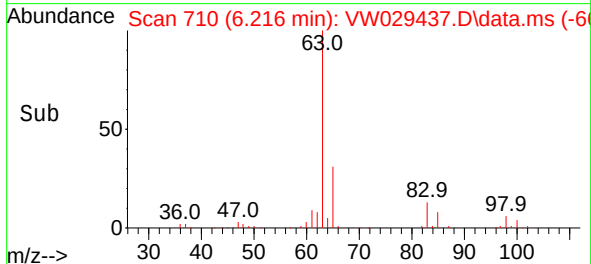
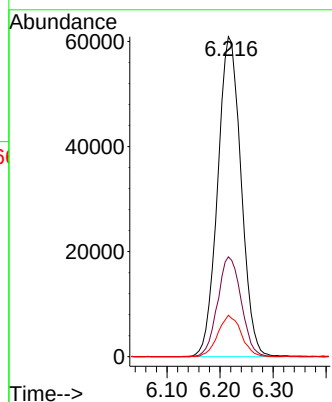
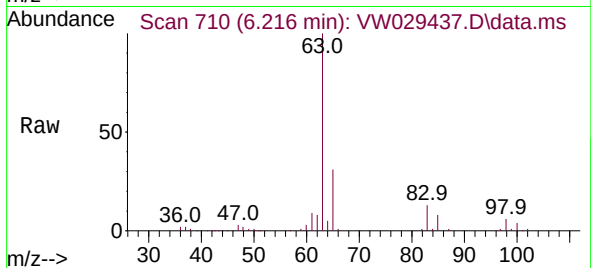
Tgt Ion: 63 Resp: 186877

Ion Ratio Lower Upper

63 100

65 31.2 23.4 43.4

83 12.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 26.689 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

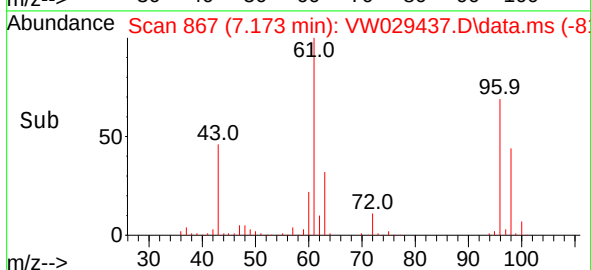
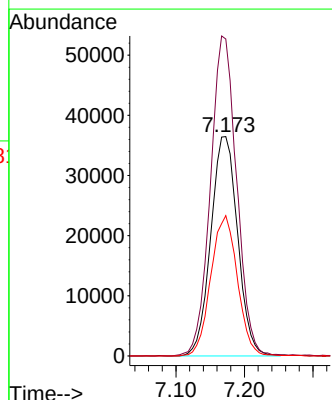
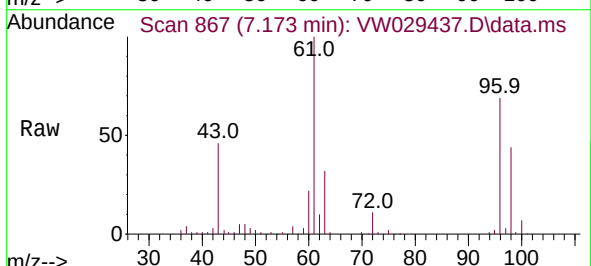
Tgt Ion: 96 Resp: 99256

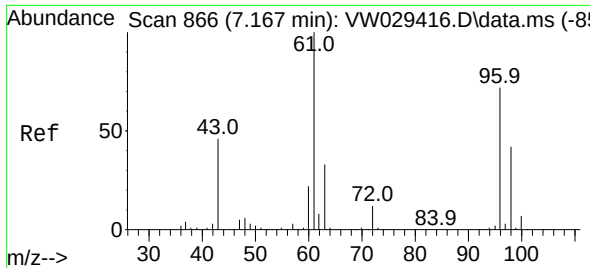
Ion Ratio Lower Upper

96 100

61 144.5 97.8 181.6

98 64.0 43.0 79.8

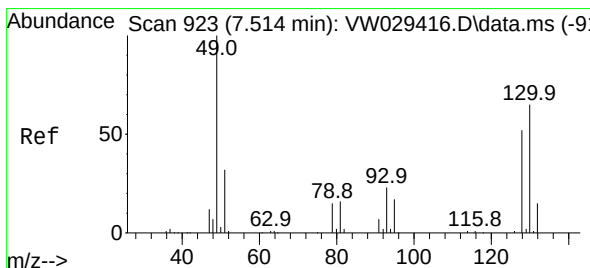
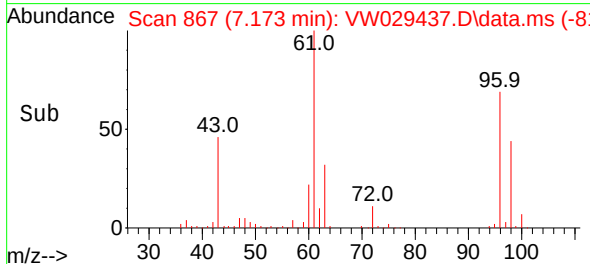
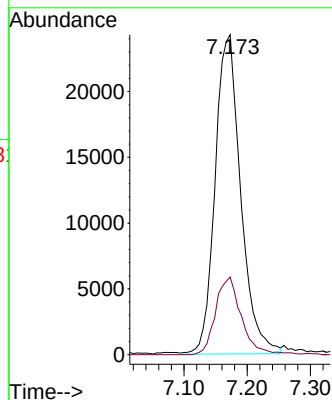
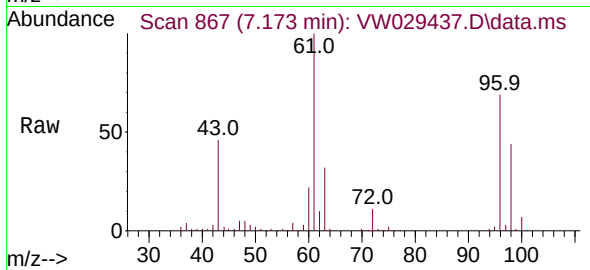




#22
2-Butanone
Concen: 53.922 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

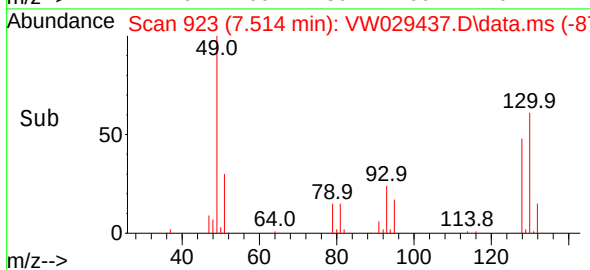
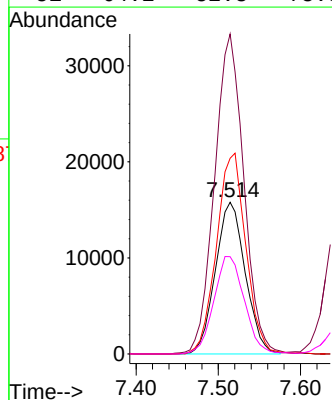
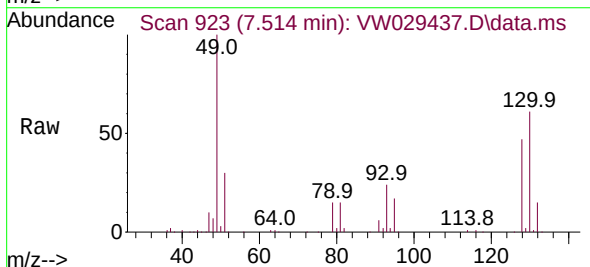
Instrument :
MSVOA_W
ClientSampleId :

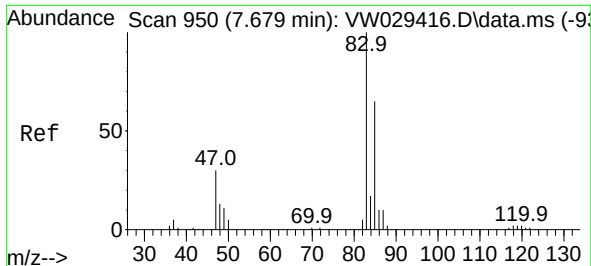
Tgt Ion: 43 Resp: 68175
Ion Ratio Lower Upper
43 100
72 24.0 11.9 35.7



#23
Bromochloromethane
Concen: 24.033 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

Tgt Ion: 128 Resp: 39788
Ion Ratio Lower Upper
128 100
49 211.0 142.6 264.8
130 129.0 79.7 148.1
51 64.2 52.3 78.5





#25

Chloroform

Concen: 25.825 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

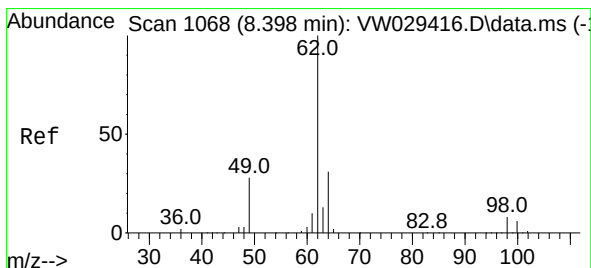
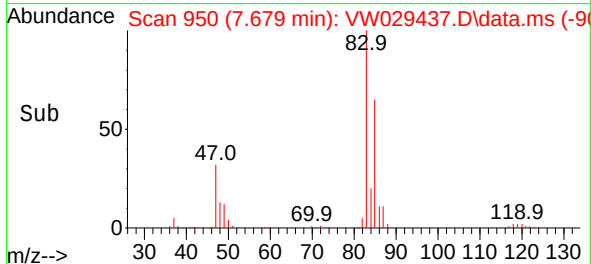
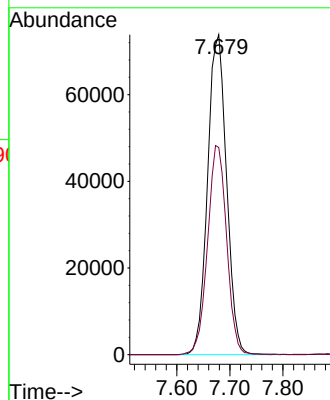
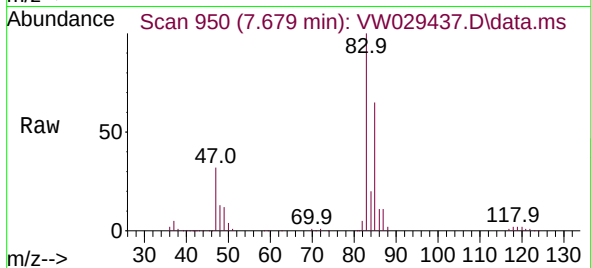
ClientSampleId :

Tgt Ion: 83 Resp: 183683

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 23.484 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029437.D

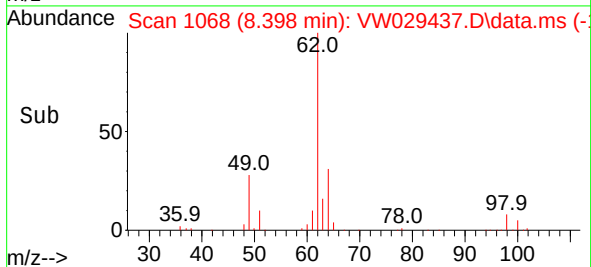
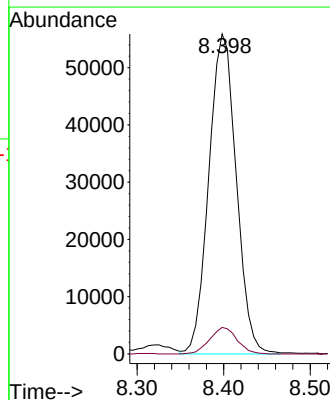
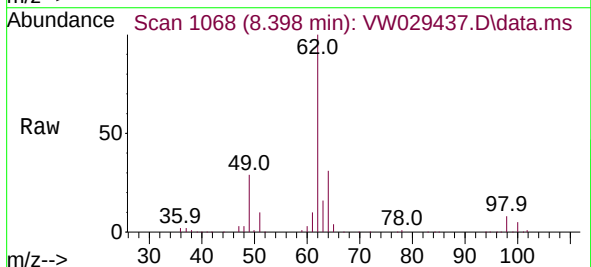
Acq: 02 Jul 2024 11:44

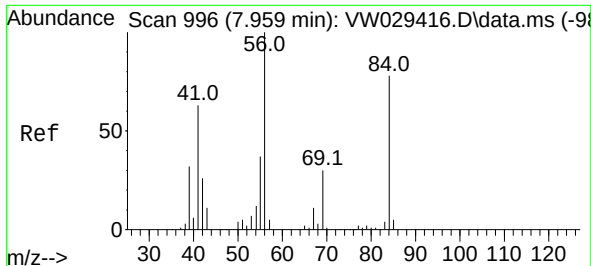
Tgt Ion: 62 Resp: 123188

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 26.634 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

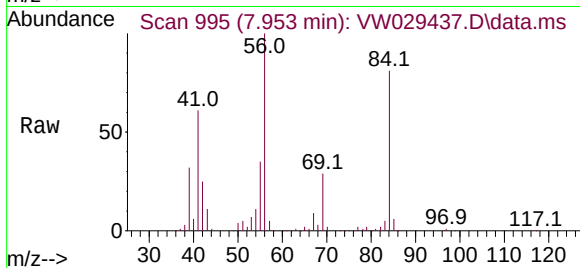
Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :



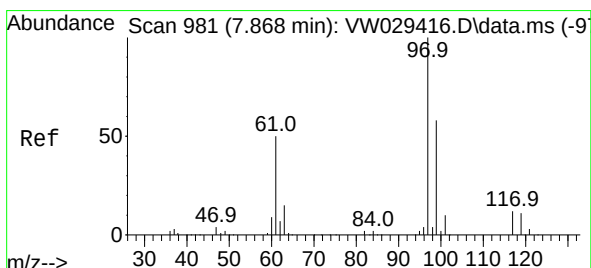
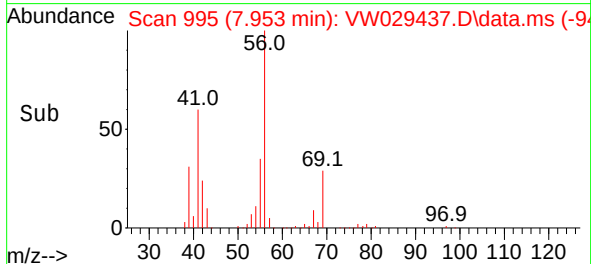
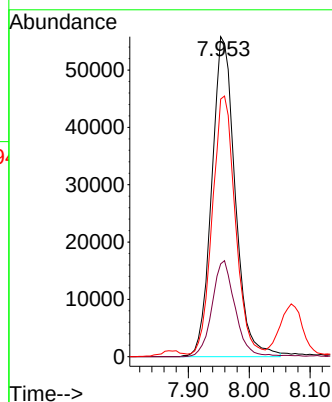
Tgt Ion: 56 Resp: 148957

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 79.5 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 27.194 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

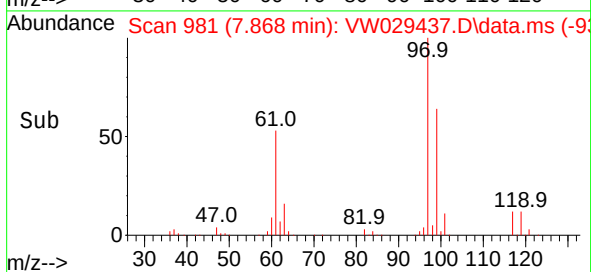
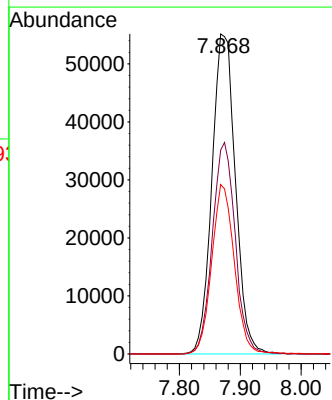
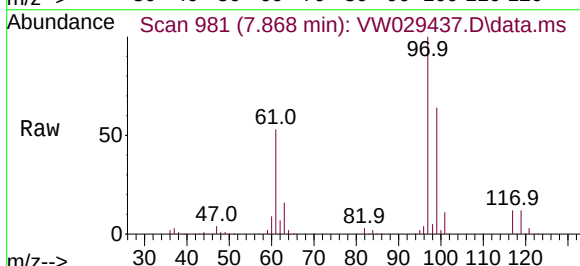
Tgt Ion: 97 Resp: 147938

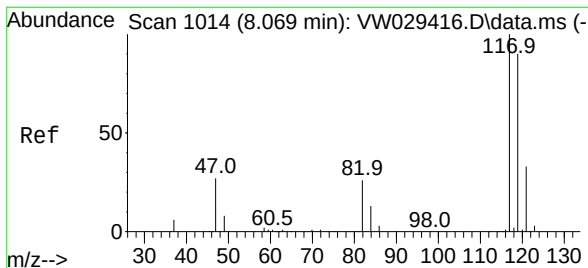
Ion Ratio Lower Upper

97 100

99 64.3 53.0 79.4

61 50.8 43.0 64.4





#31

Carbon tetrachloride

Concen: 26.256 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

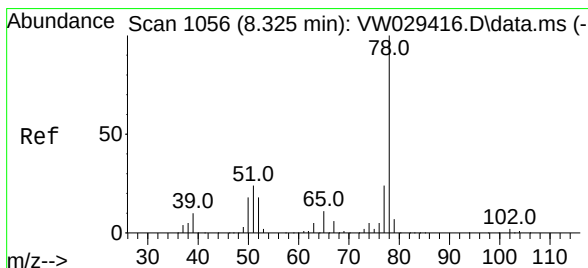
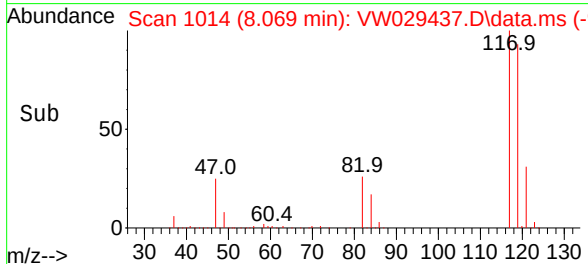
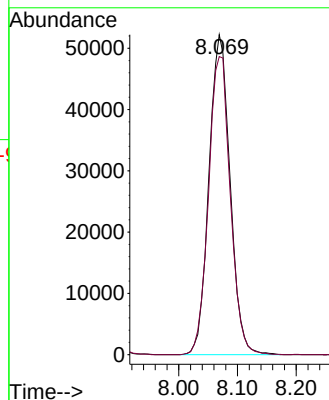
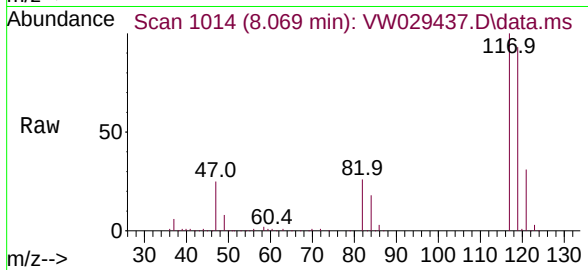
ClientSampleId :

Tgt Ion:117 Resp: 130480

Ion Ratio Lower Upper

117 100

119 96.1 79.0 118.4



#33

Benzene

Concen: 26.291 ug/L

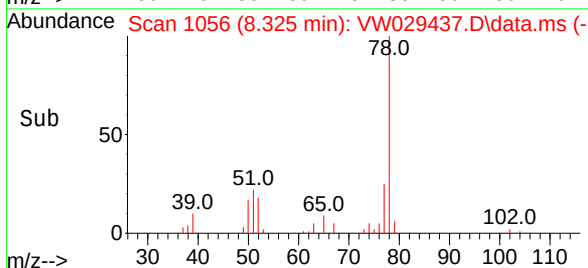
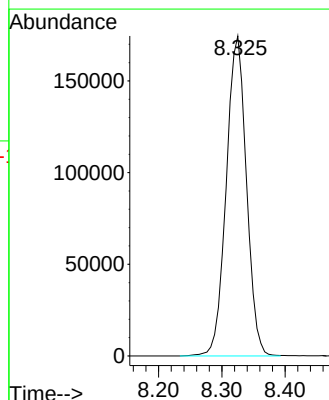
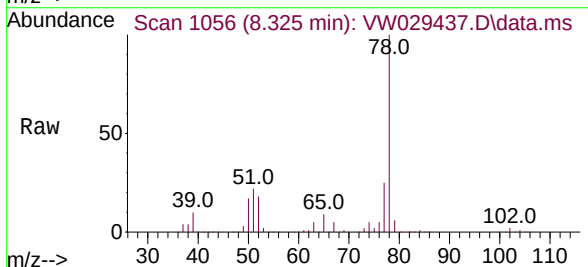
RT: 8.325 min Scan# 1056

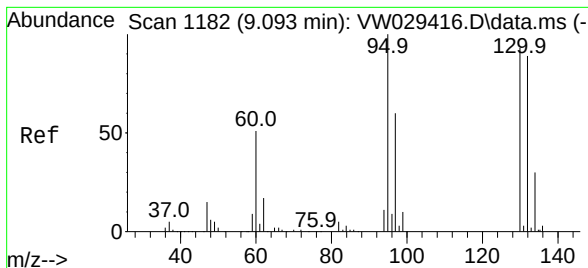
Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Tgt Ion: 78 Resp: 386469





#34

Trichloroethene

Concen: 25.578 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

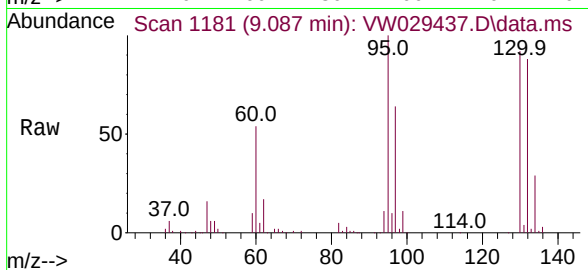
Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 100311

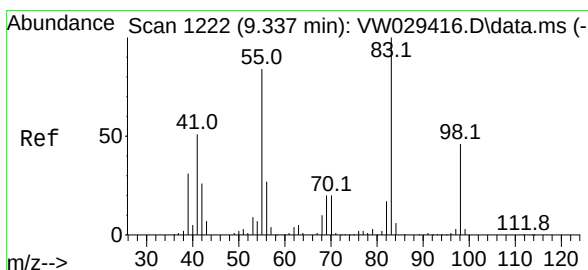
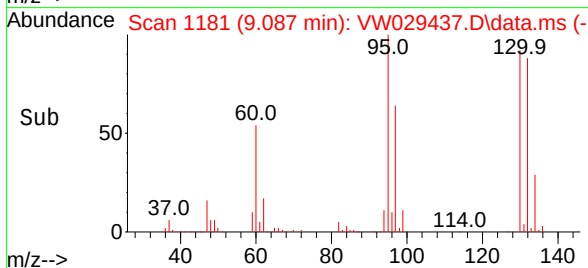
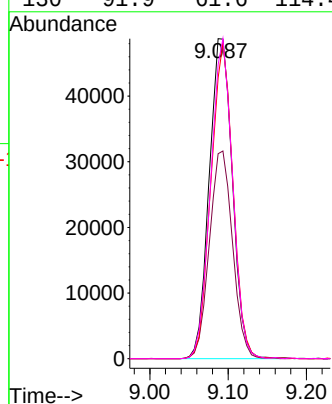
Ion Ratio Lower Upper

95 100

97 64.1 45.7 84.9

132 87.8 66.4 123.4

130 91.9 61.6 114.4



#35

Methylcyclohexane

Concen: 26.391 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

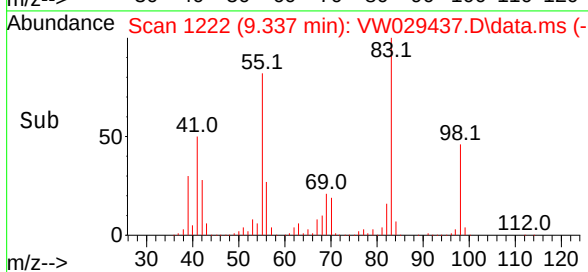
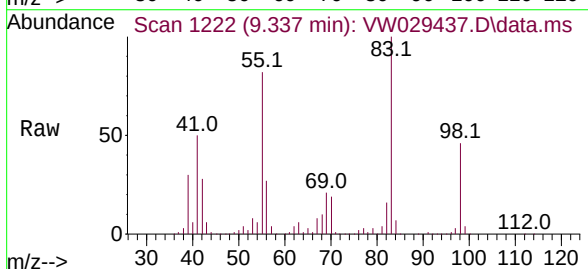
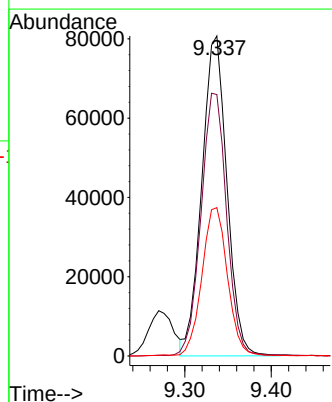
Tgt Ion: 83 Resp: 162771

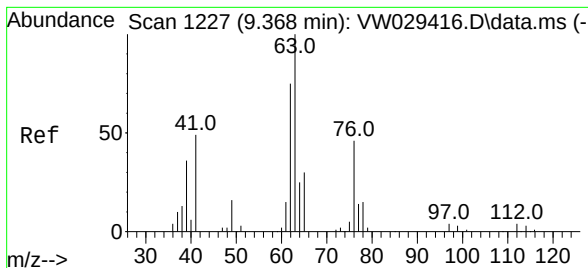
Ion Ratio Lower Upper

83 100

55 83.3 69.5 104.3

98 47.3 38.0 57.0





#37

1,2-Dichloropropane

Concen: 26.086 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

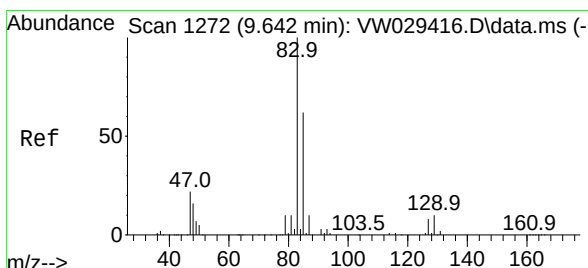
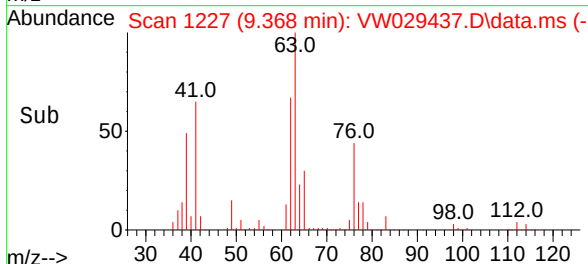
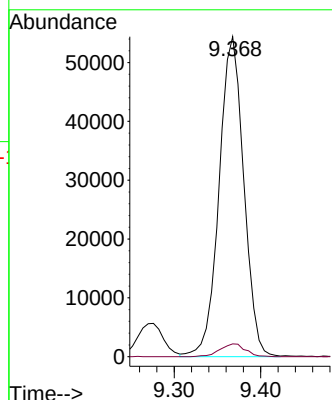
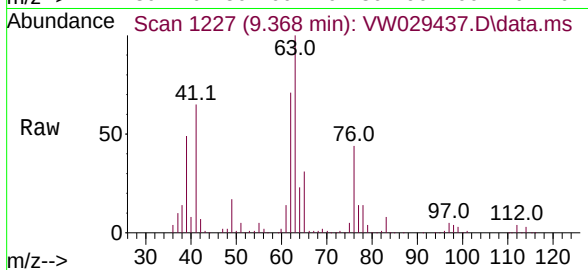
ClientSampleId :

Tgt Ion: 63 Resp: 107749

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6



#38

Bromodichloromethane

Concen: 25.844 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

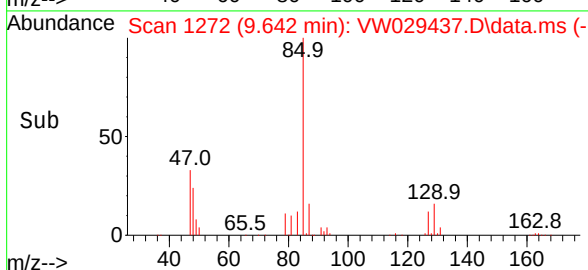
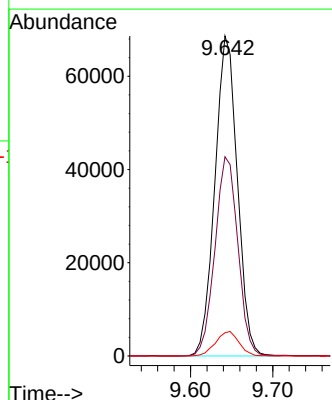
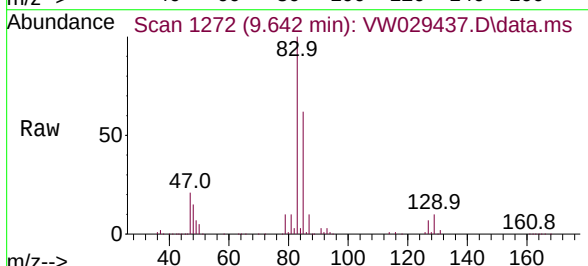
Tgt Ion: 83 Resp: 130515

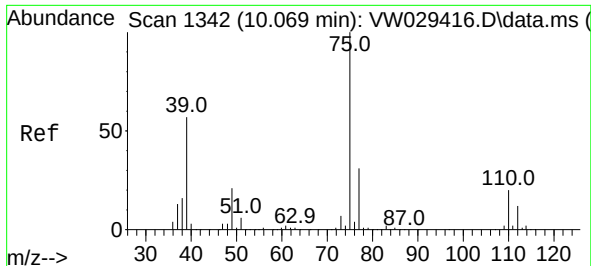
Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.9

127 7.2 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 26.672 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

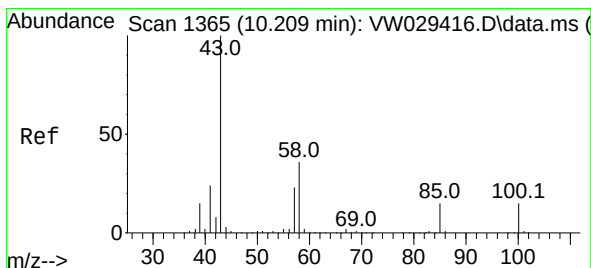
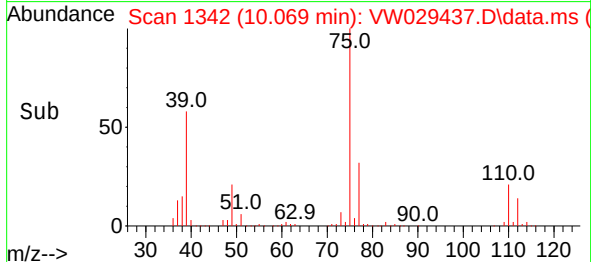
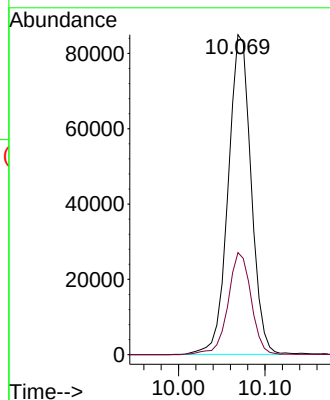
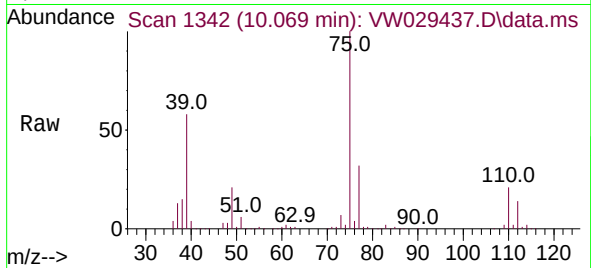
ClientSampleId :

Tgt Ion: 75 Resp: 155730

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 46.355 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

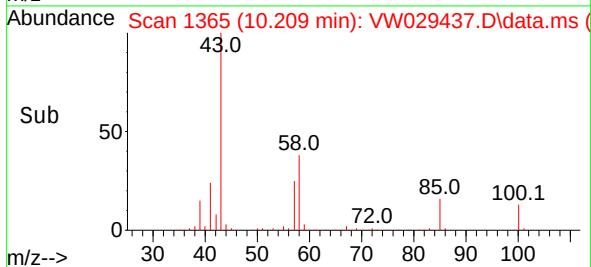
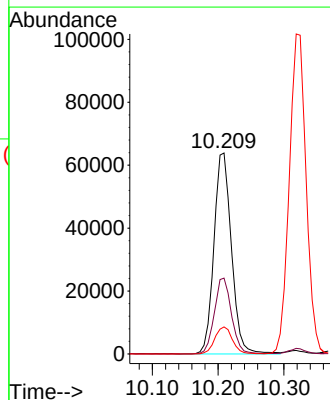
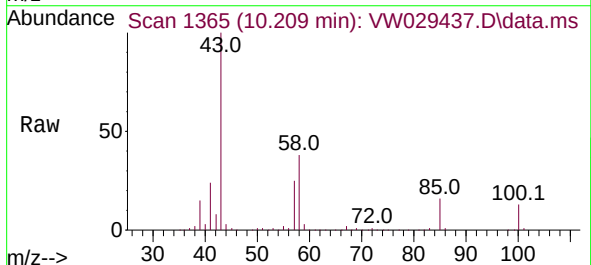
Tgt Ion: 43 Resp: 118674

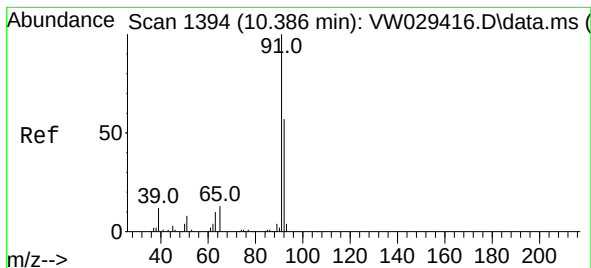
Ion Ratio Lower Upper

43 100

58 37.1 28.2 42.4

100 13.6 11.0 16.4





#42

Toluene

Concen: 25.907 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

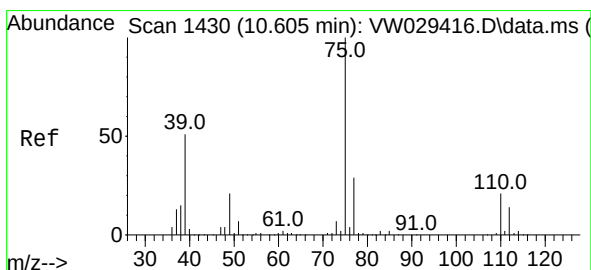
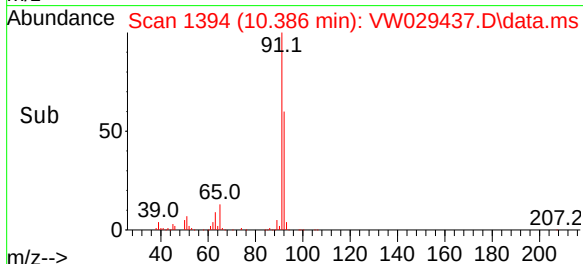
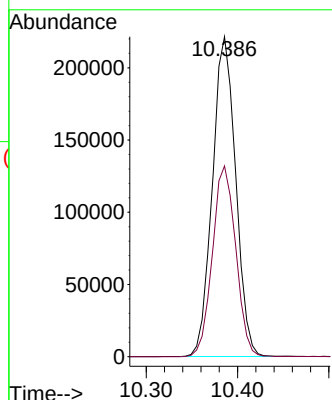
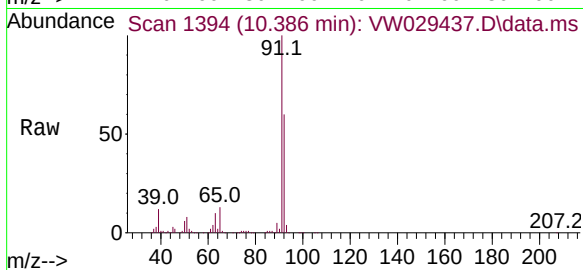
ClientSampleId :

Tgt Ion: 91 Resp: 391495

Ion Ratio Lower Upper

91 100

92 59.6 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.876 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029437.D

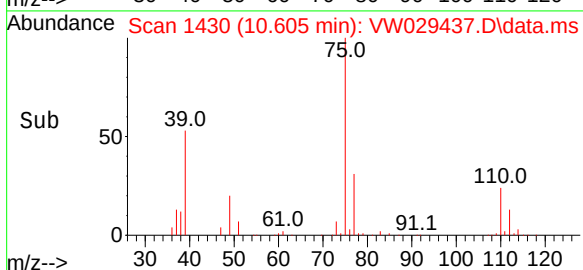
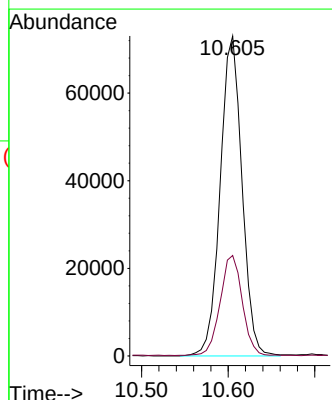
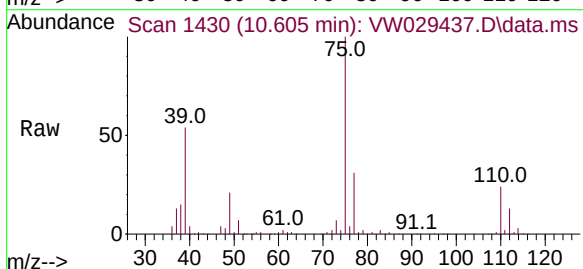
Acq: 02 Jul 2024 11:44

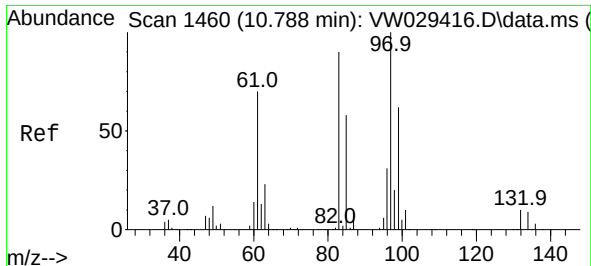
Tgt Ion: 75 Resp: 127572

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.342 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

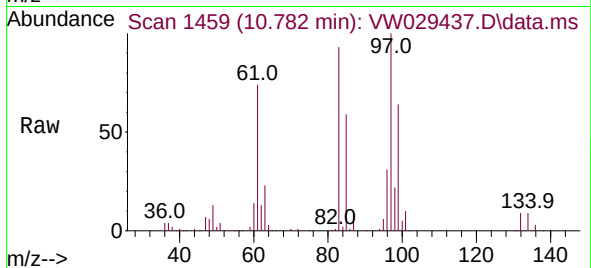
Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 70024

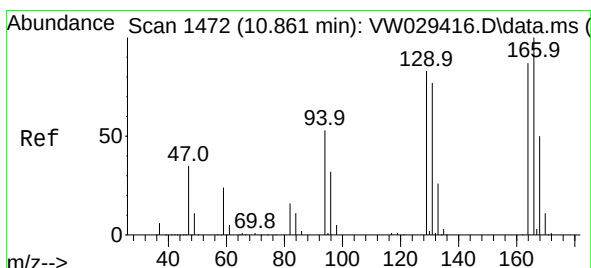
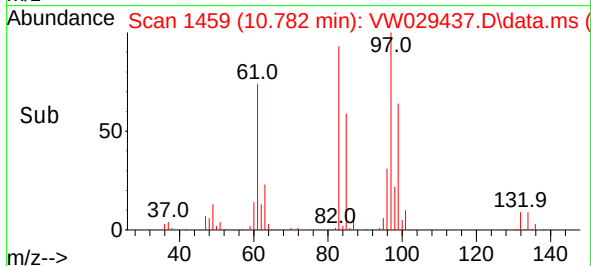
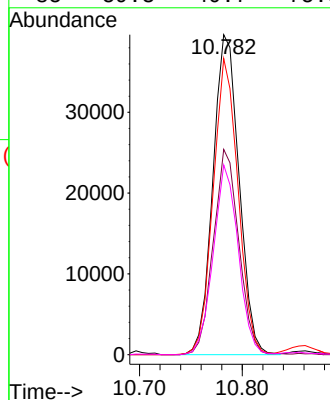
Ion Ratio Lower Upper

97 100

99 64.1 42.3 78.5

83 92.6 57.7 107.1

85 59.3 40.7 75.5



#46

Tetrachloroethene

Concen: 26.030 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Tgt Ion:164 Resp: 71361

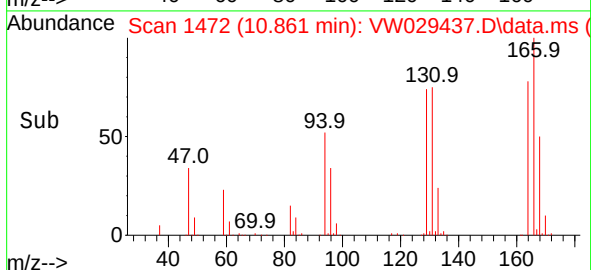
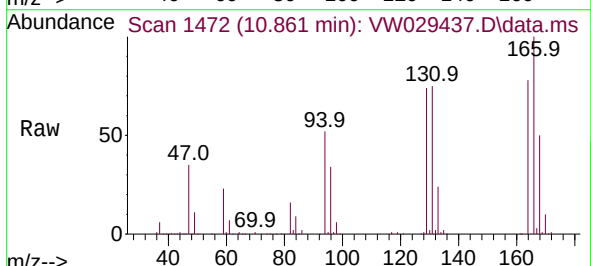
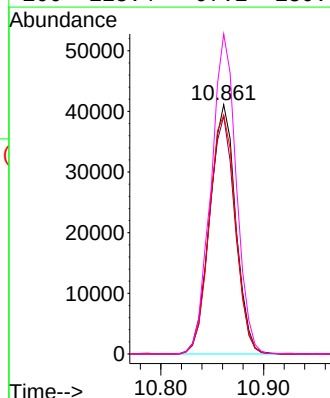
Ion Ratio Lower Upper

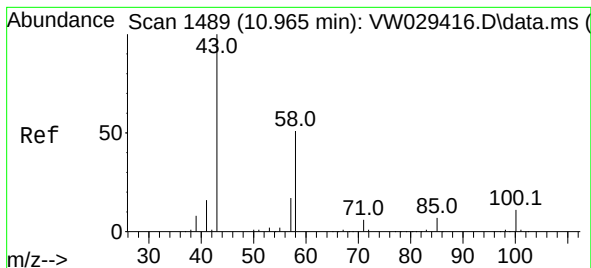
164 100

129 95.5 68.5 127.3

131 95.8 71.8 133.4

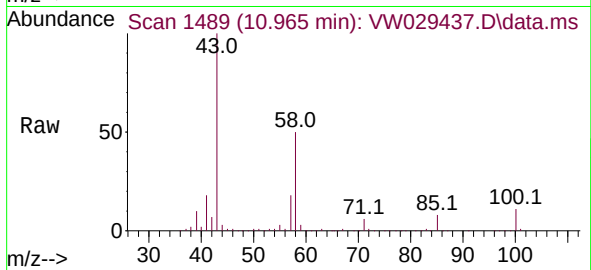
166 128.4 97.2 180.4





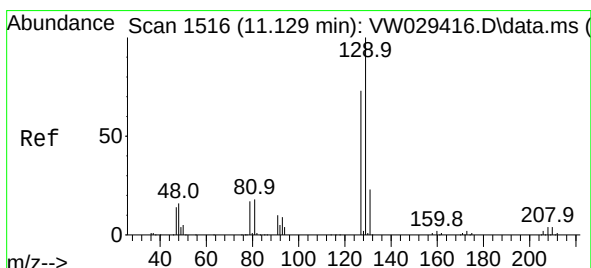
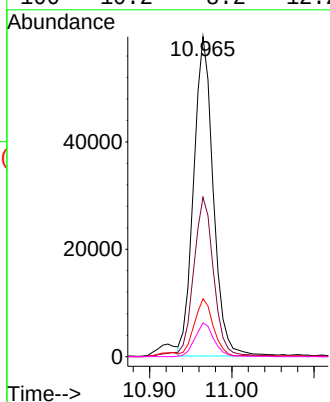
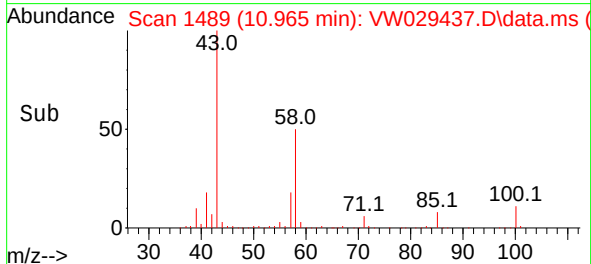
#48
2-Hexanone
Concen: 54.350 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

Instrument :
MSVOA_W
ClientSampleId :

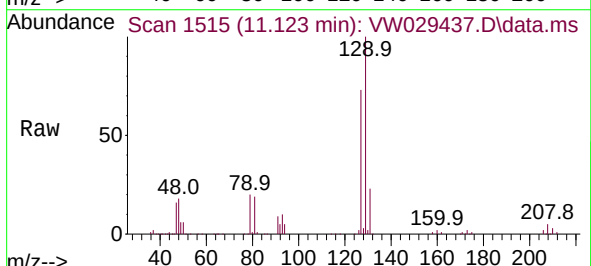


Tgt Ion: 43 Resp: 98732

Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.6	59.4
57	17.9	14.6	21.8
100	10.2	8.2	12.2

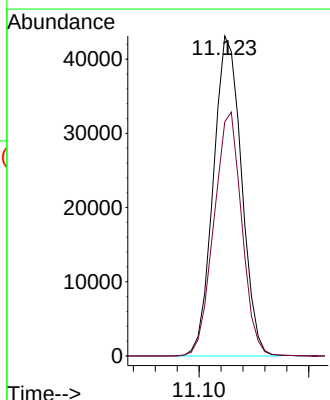
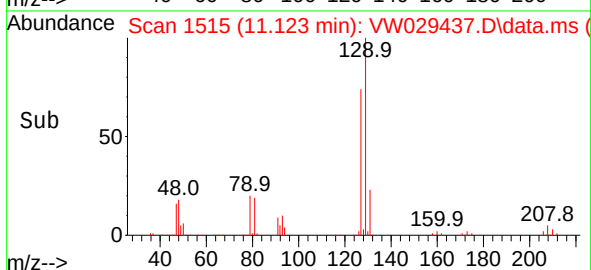


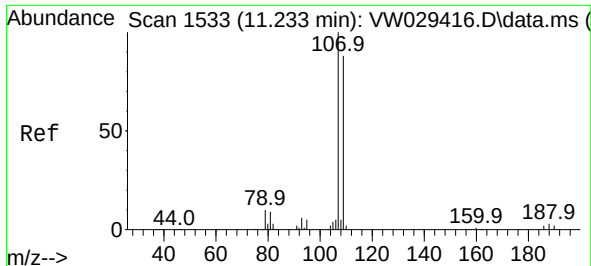
#49
Dibromochloromethane
Concen: 25.610 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44



Tgt Ion: 129 Resp: 77012

Ion	Ratio	Lower	Upper
129	100		
127	73.2	54.8	101.8





#50

1,2-Dibromoethane

Concen: 24.587 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029437.D

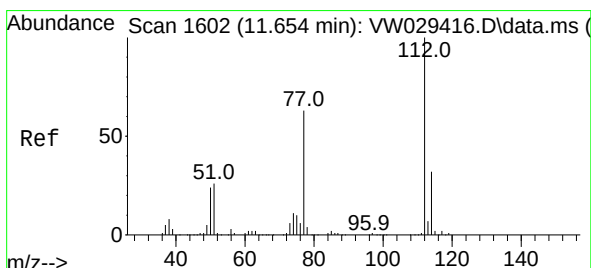
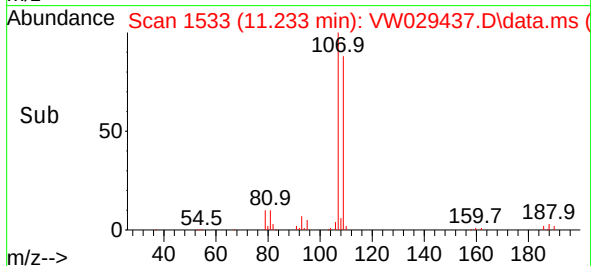
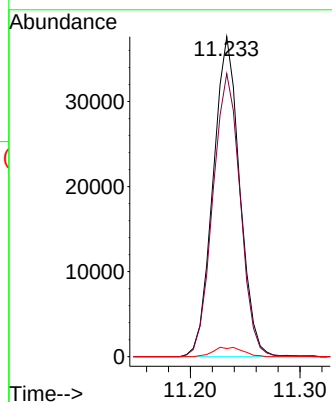
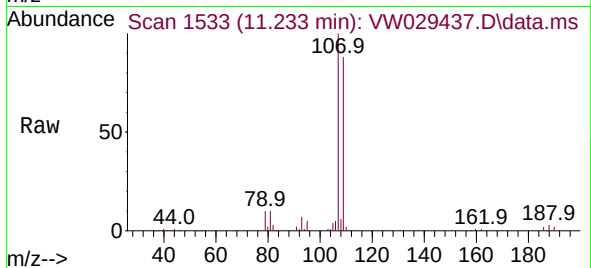
Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	63492
Ion Ratio	Lower	Upper	
107	100		
109	88.5	65.5	121.6
188	2.5	2.6	4.0#



#51

Chlorobenzene

Concen: 25.992 ug/L

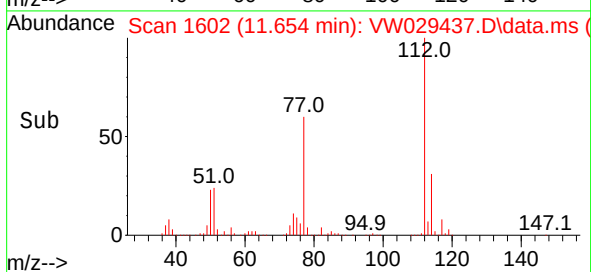
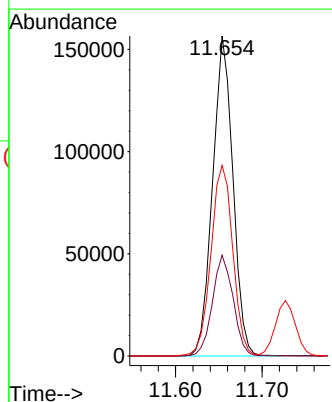
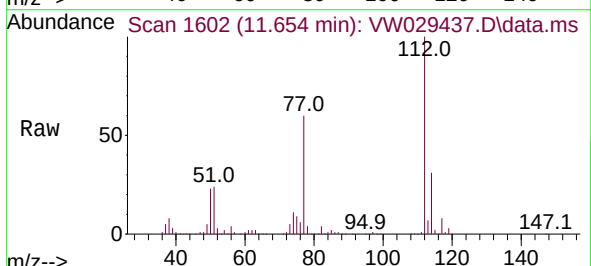
RT: 11.654 min Scan# 1602

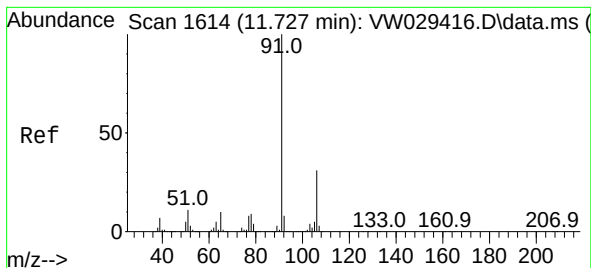
Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Tgt Ion:	112	Resp:	255067
Ion Ratio	Lower	Upper	
112	100		
114	31.5	22.6	42.0
77	59.5	51.0	76.6

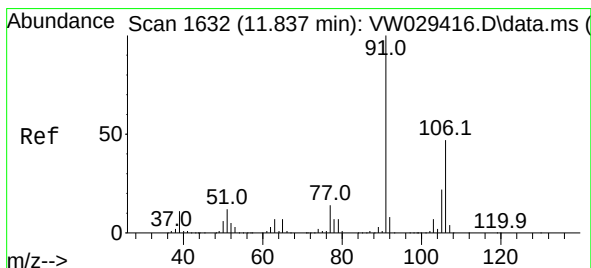
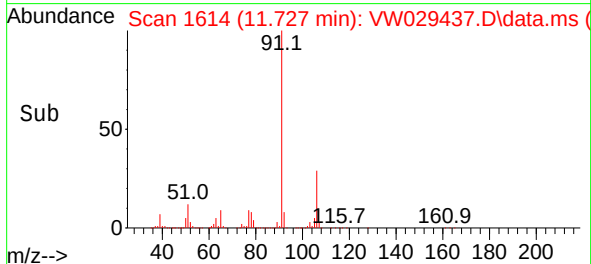
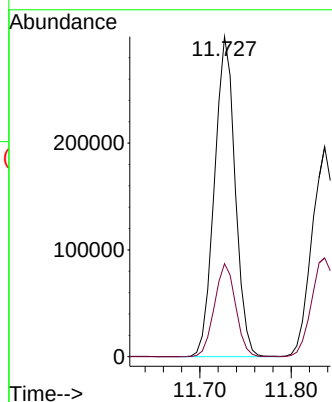
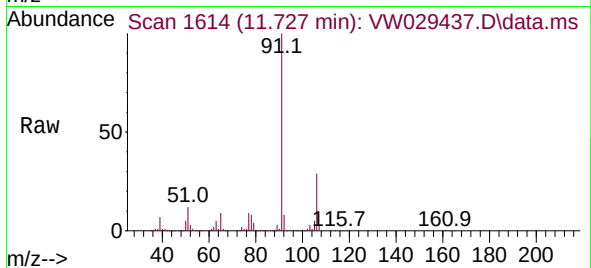




#52
Ethylbenzene
Concen: 27.482 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

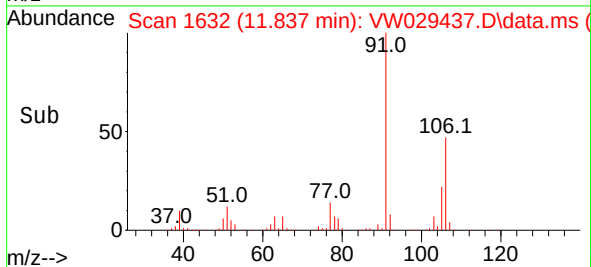
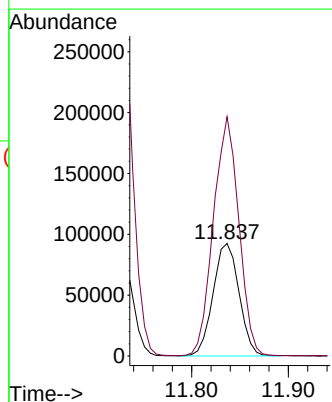
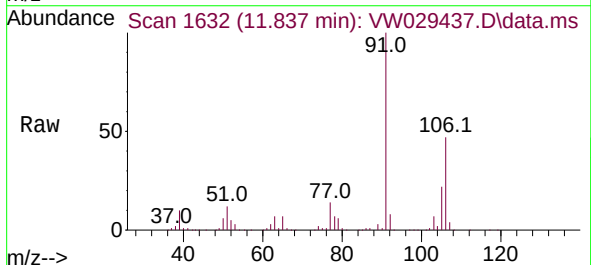
Instrument :
MSVOA_W
ClientSampleId :

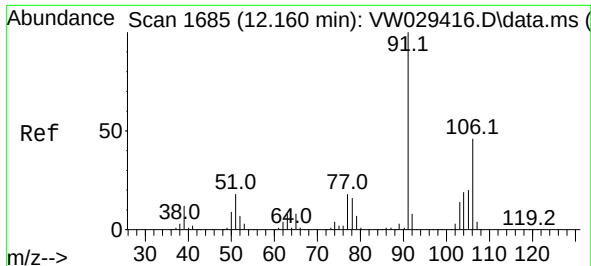
Tgt Ion: 91 Resp: 471419
Ion Ratio Lower Upper
91 100
106 29.1 19.9 37.0



#53
m,p-Xylene
Concen: 27.485 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

Tgt Ion:106 Resp: 172213
Ion Ratio Lower Upper
106 100
91 212.7 140.5 260.9





#54

o-Xylene

Concen: 28.152 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

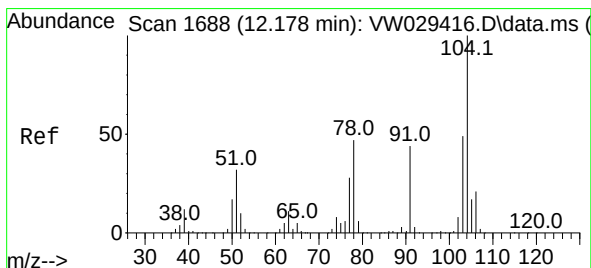
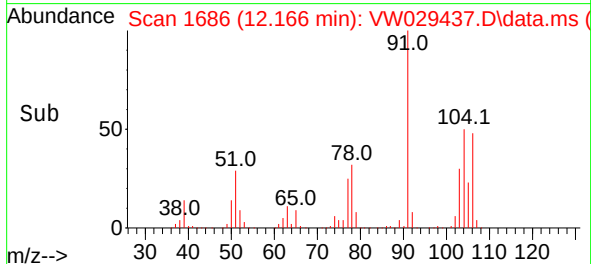
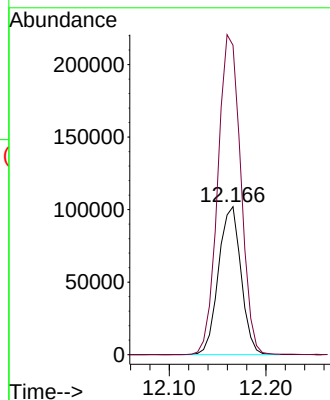
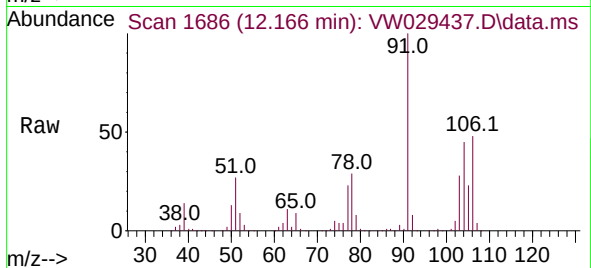
ClientSampleId :

Tgt Ion:106 Resp: 164853

Ion Ratio Lower Upper

106 100

91 209.0 149.9 278.5



#55

Styrene

Concen: 27.761 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029437.D

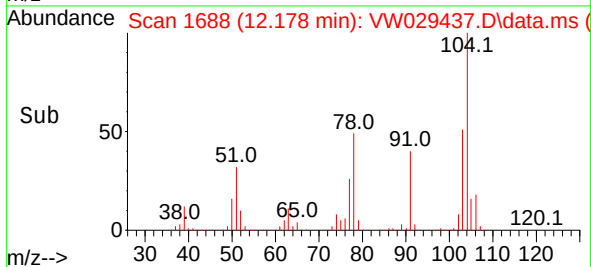
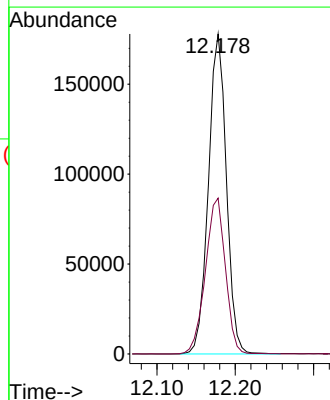
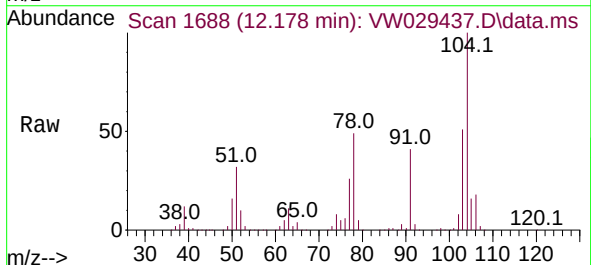
Acq: 02 Jul 2024 11:44

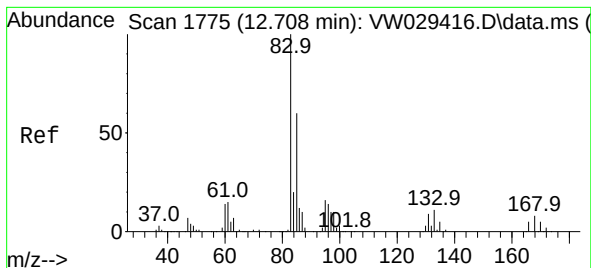
Tgt Ion:104 Resp: 283441

Ion Ratio Lower Upper

104 100

78 48.7 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.117 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :

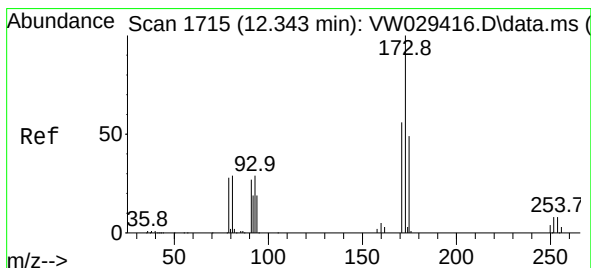
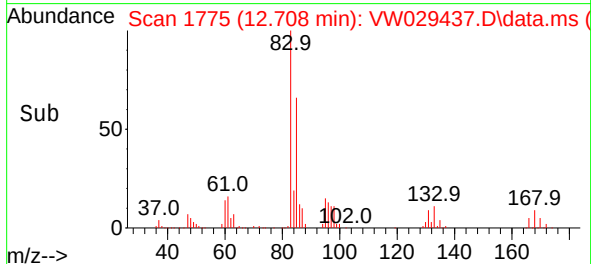
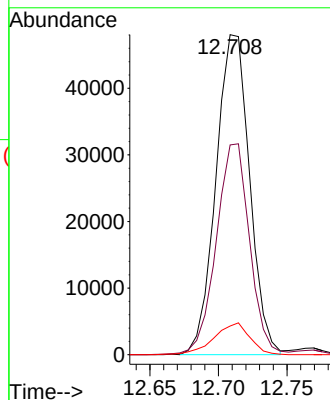
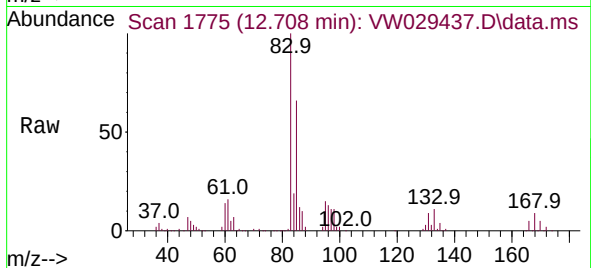
Tgt Ion: 83 Resp: 82259

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.0

131 8.9 7.8 11.6



#59

Bromoform

Concen: 23.850 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

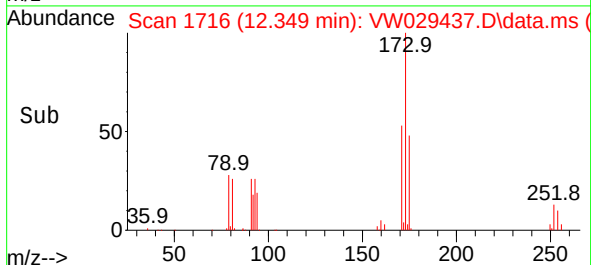
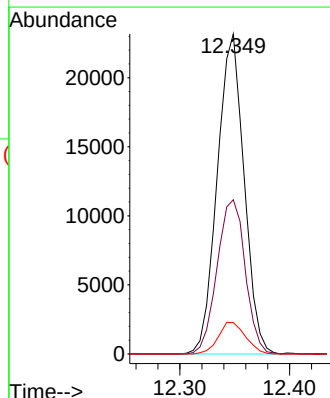
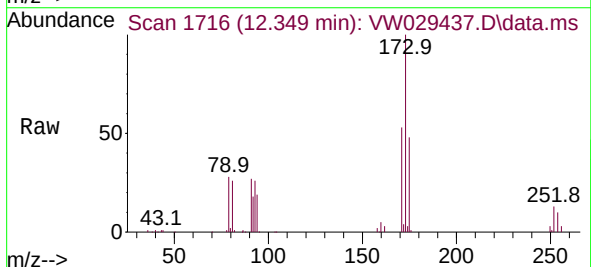
Tgt Ion:173 Resp: 39390

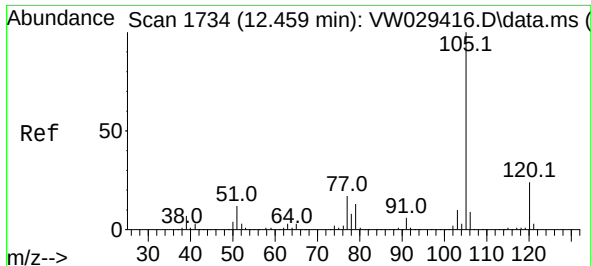
Ion Ratio Lower Upper

173 100

175 50.5 37.8 56.8

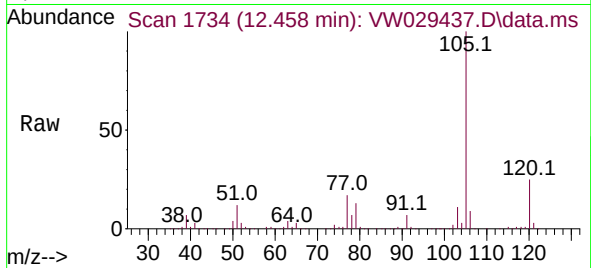
254 10.1 7.8 11.6



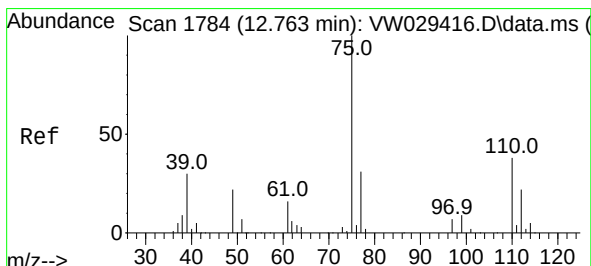
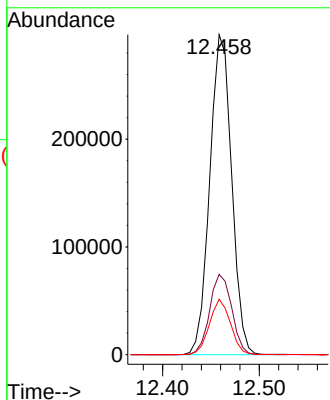
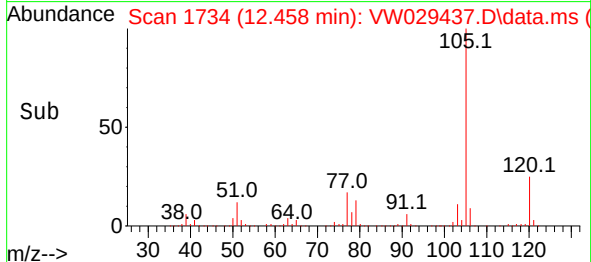


#60
Isopropylbenzene
Concen: 29.107 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

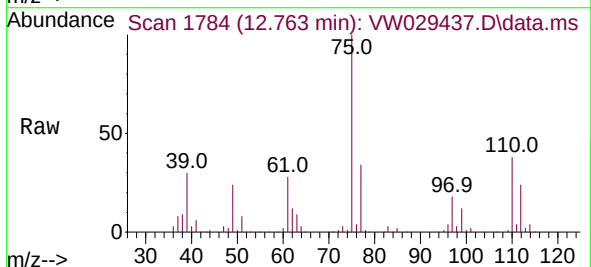
Instrument :
MSVOA_W
ClientSampleId :



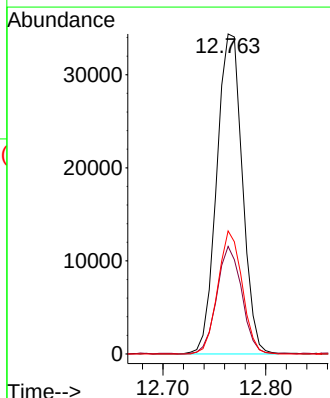
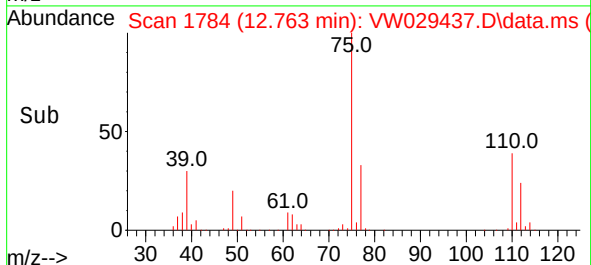
Tgt Ion:105 Resp: 467348
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 16.7 13.6 20.4

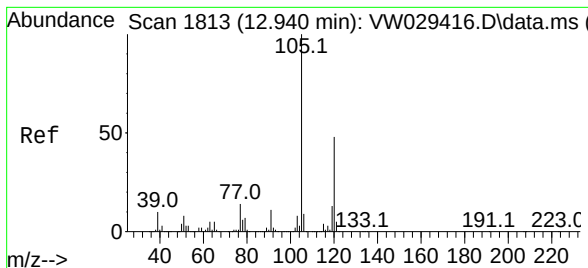


#61
1,2,3-Trichloropropane
Concen: 22.652 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44



Tgt Ion: 75 Resp: 59537
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 36.4 29.5 44.3

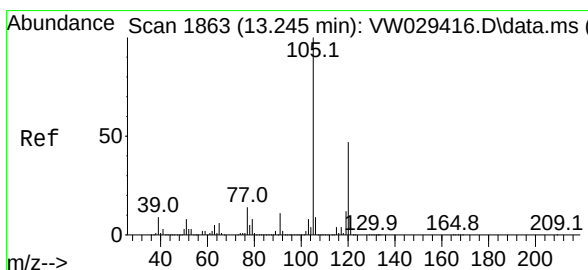
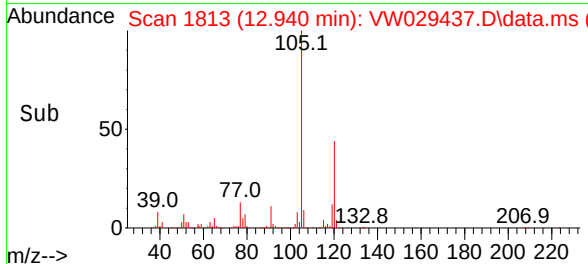
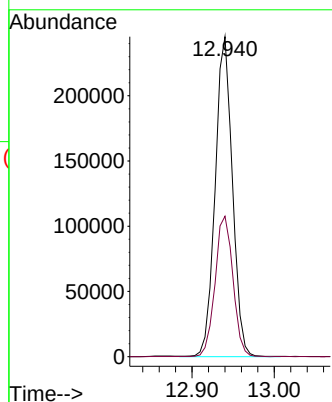
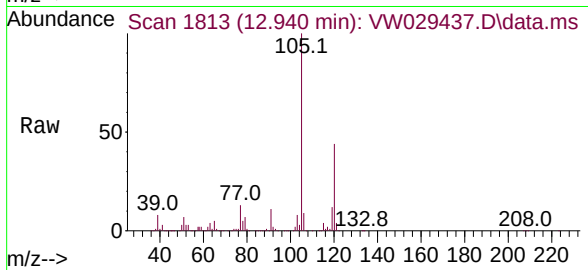




#62
1,3,5-Trimethylbenzene
Concen: 30.717 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

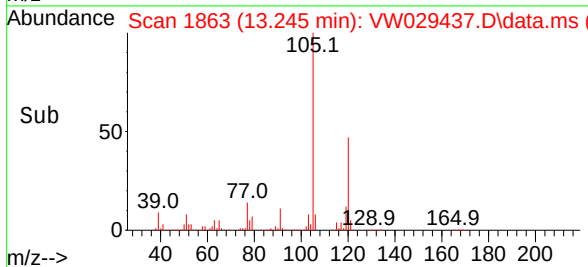
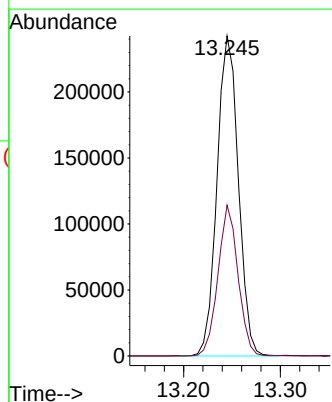
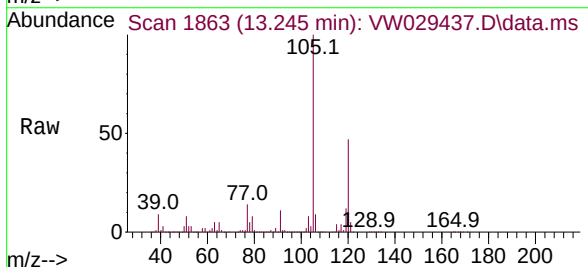
Instrument :
MSVOA_W
ClientSampleId :

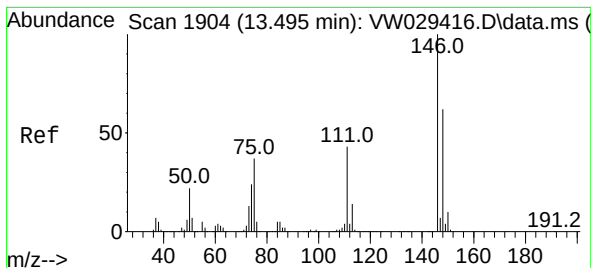
Tgt Ion:105 Resp: 357188
Ion Ratio Lower Upper
105 100
120 45.6 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 29.676 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029437.D
Acq: 02 Jul 2024 11:44

Tgt Ion:105 Resp: 371291
Ion Ratio Lower Upper
105 100
120 44.3 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 27.928 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :

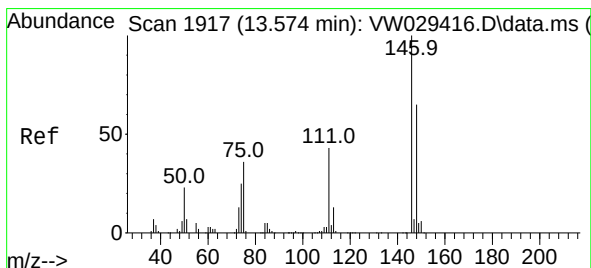
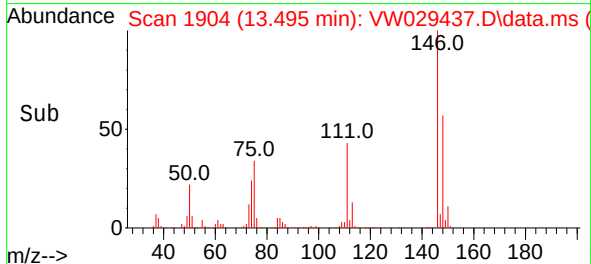
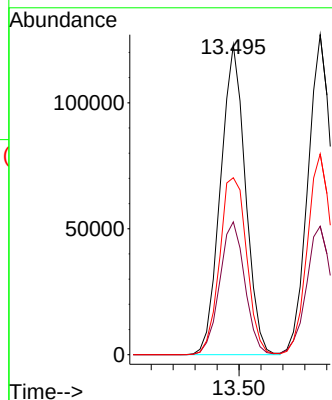
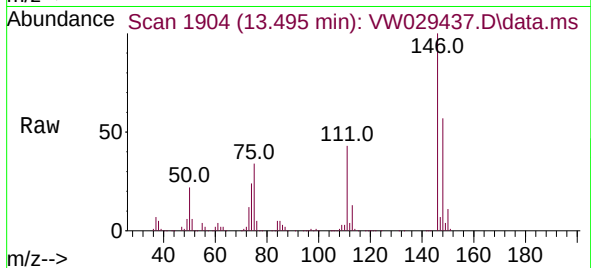
Tgt Ion:146 Resp: 194059

Ion Ratio Lower Upper

146 100

111 42.9 33.0 61.2

148 57.1 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 26.661 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

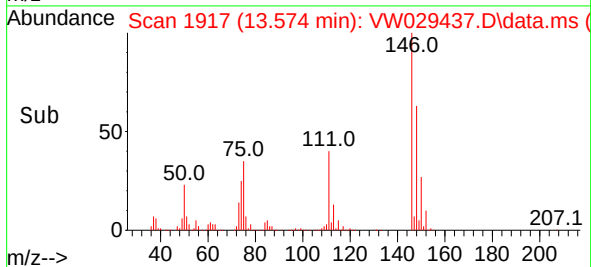
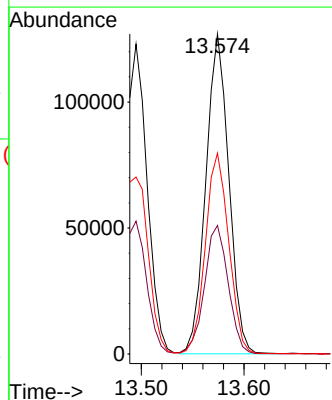
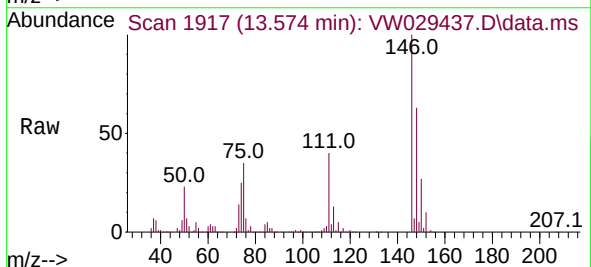
Tgt Ion:146 Resp: 197102

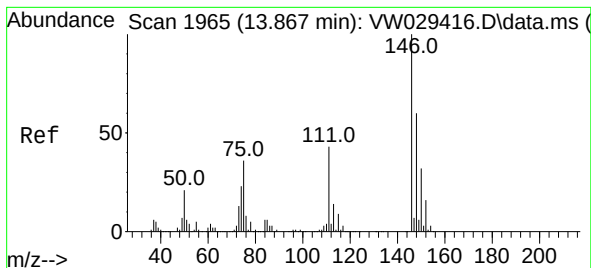
Ion Ratio Lower Upper

146 100

111 40.2 28.9 53.7

148 62.8 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 26.403 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :

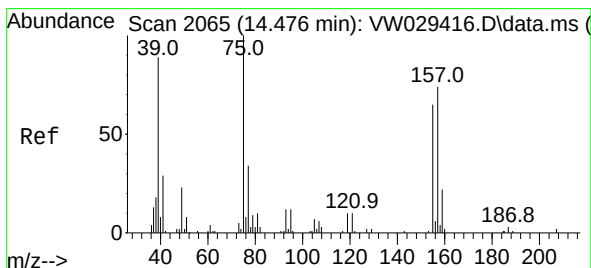
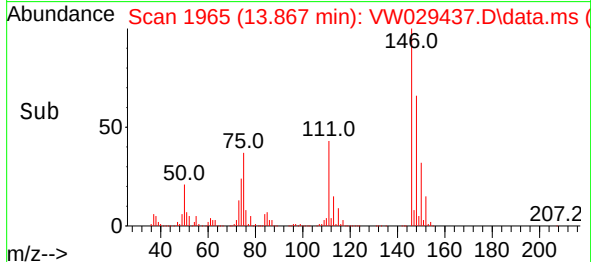
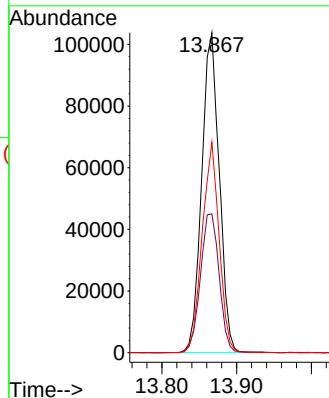
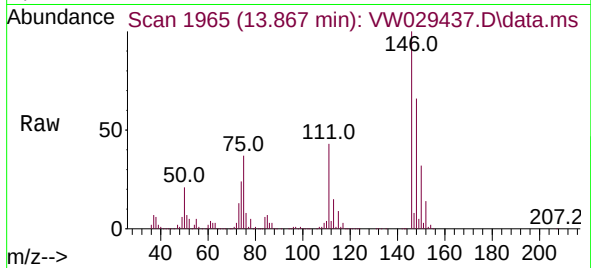
Tgt Ion:146 Resp: 169604

Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.4

148 65.8 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.311 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

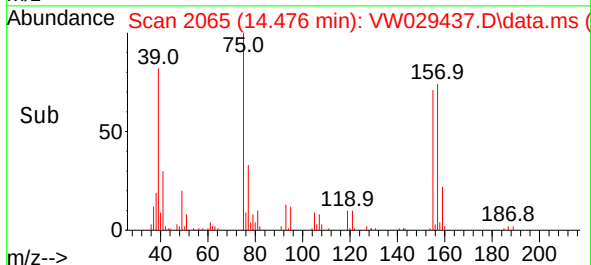
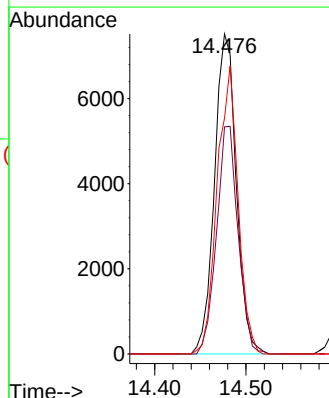
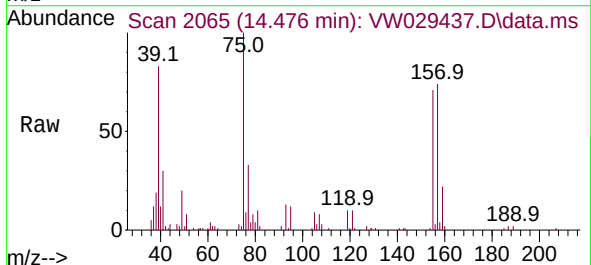
Tgt Ion: 75 Resp: 12458

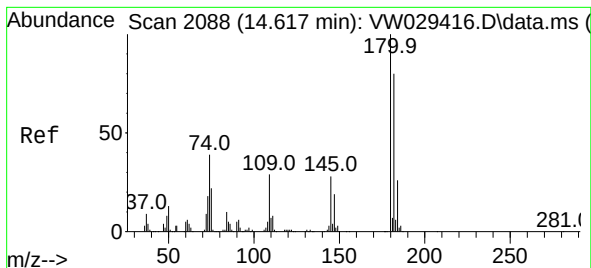
Ion Ratio Lower Upper

75 100

155 71.0 51.0 76.6

157 73.7 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 29.480 ug/L

RT: 14.623 min Scan# 2088

Delta R.T. -0.000 min

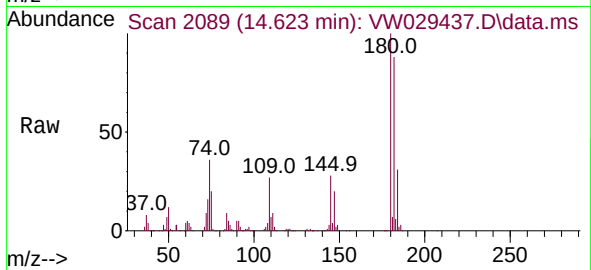
Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 138244

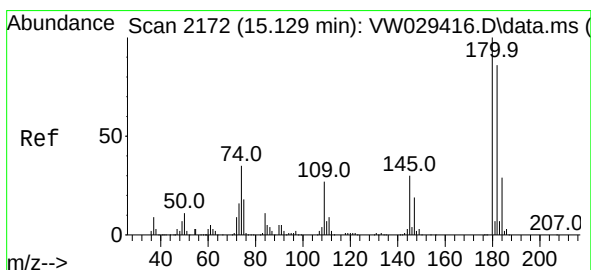
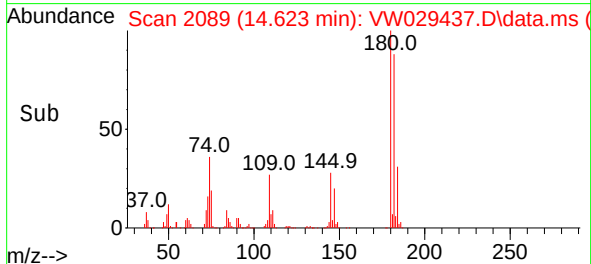
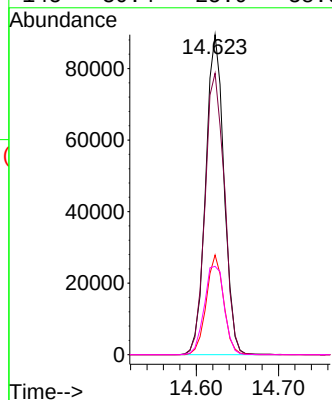
Ion Ratio Lower Upper

180 100

182 93.2 72.9 109.3

184 29.6 23.8 35.6

145 30.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 28.427 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

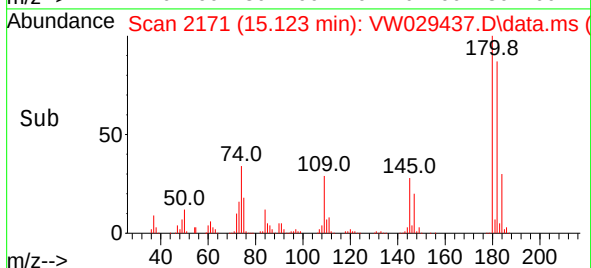
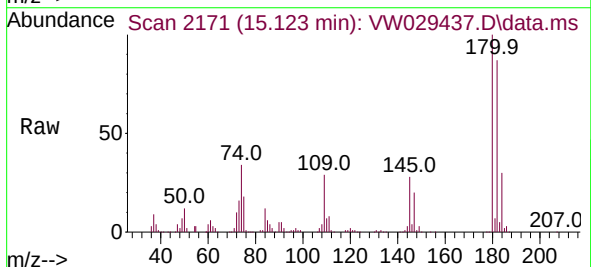
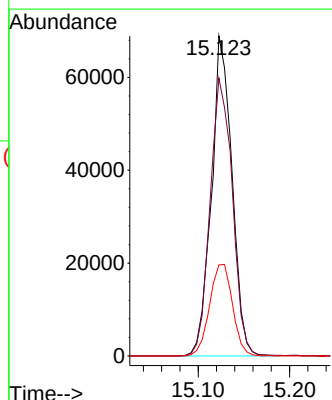
Tgt Ion:180 Resp: 108063

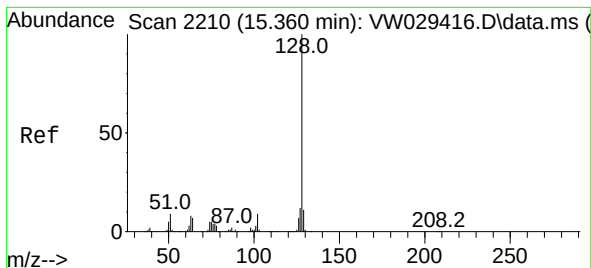
Ion Ratio Lower Upper

180 100

182 93.7 77.7 116.5

145 31.8 25.7 38.5





#71

Naphthalene

Concen: 25.410 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Instrument :

MSVOA_W

ClientSampleId :

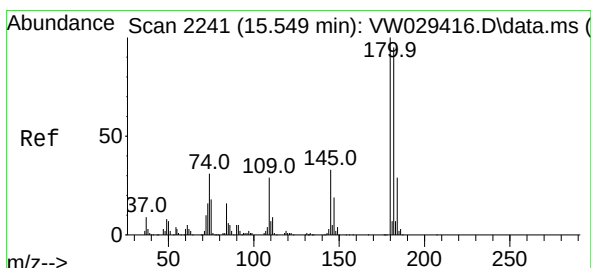
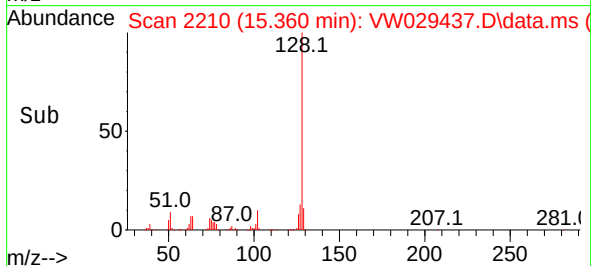
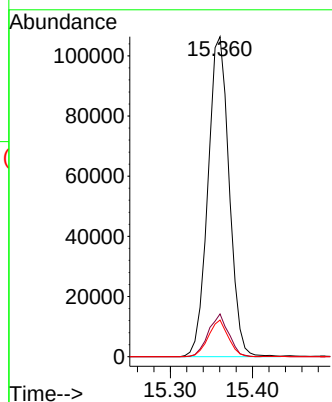
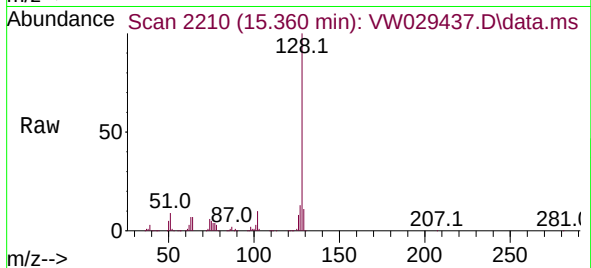
Tgt Ion:128 Resp: 190650

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.626 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029437.D

Acq: 02 Jul 2024 11:44

Tgt Ion:180 Resp: 92226

Ion Ratio Lower Upper

180 100

182 94.9 73.0 109.6

145 32.8 28.1 42.1

