

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029457.D
 Acq On : 02 Jul 2024 20:18
 Operator : SY/MD
 Sample : P3124-03MSD
 Misc : 5.76g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 03 05:47:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	257988	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	157475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	33893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73203	20.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.000%
7) Chloroethane-d5	2.893	69	63097	20.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
11) 1,1-Dichloroethene-d2	4.027	65	34962	20.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.120%
21) 2-Butanone-d5	7.075	46	43570	40.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.560%
24) Chloroform-d	7.648	84	164789	21.413	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.640%
26) 1,2-Dichloroethane-d4	8.307	65	102722	23.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	8.276	84	297167	31.068	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.280%
36) 1,2-Dichloropropane-d6	9.270	67	100050	32.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.640%#
41) Toluene-d8	10.325	98	211611	25.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.040%
43) trans-1,3-Dichloroprop...	10.581	79	24562	20.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.200%
47) 2-Hexanone-d5	10.922	63	25208	52.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64159	26.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	23773	20.207	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	36397	14.460	ug/L #	87
3) Chloromethane	2.222	50	47171	13.144	ug/L	100
5) Vinyl chloride	2.375	62	63702	15.456	ug/L	99
6) Bromomethane	2.789	94	24582	9.924	ug/L	92
8) Chloroethane	2.936	64	42536	16.874	ug/L	100
9) Trichlorofluoromethane	3.265	101	53580	16.768	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	43449	12.333	ug/L	92
12) 1,1-Dichloroethene	4.045	96	48413	16.195	ug/L	85
13) Acetone	4.118	43	31407	34.593	ug/L	97
14) Carbon disulfide	4.393	76	113831	11.665	ug/L	100
15) Methyl Acetate	4.673	43	19391	10.758	ug/L	100
16) Methylene chloride	4.923	84	71548	15.772	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	51530	15.522	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	118780	22.364	ug/L	98
19) 1,1-Dichloroethane	6.222	63	127828	17.828	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	59892	16.360	ug/L	98
22) 2-Butanone	7.173	43	58247	46.801	ug/L	93
23) Bromochloromethane	7.520	128	28680	17.599	ug/L	94
25) Chloroform	7.679	83	120309	17.184	ug/L	99

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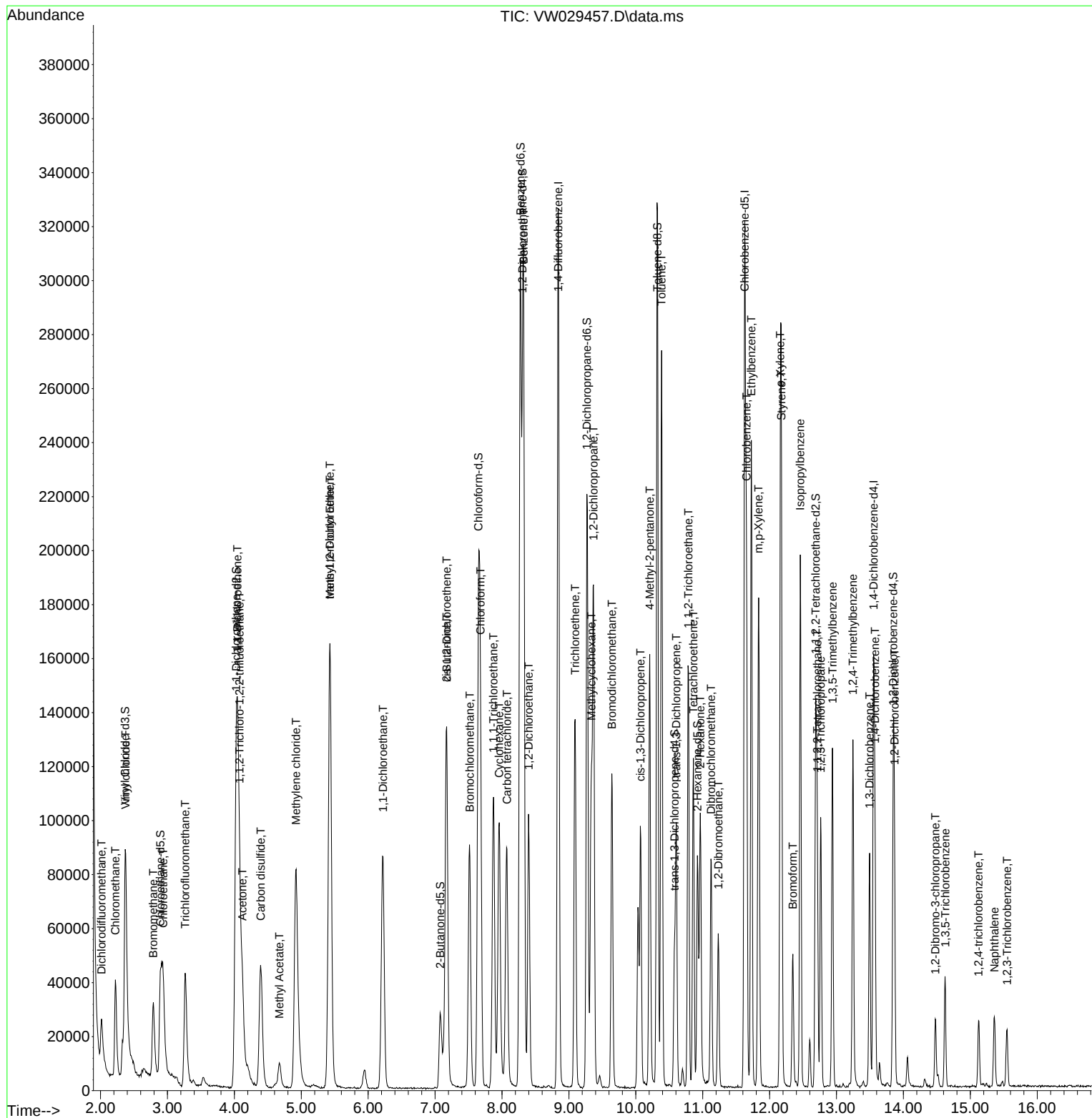
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	90414	17.510	ug/L	99
29) Cyclohexane	7.959	56	53317	14.810	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	85923	24.537	ug/L	97
31) Carbon tetrachloride	8.075	117	67692	21.161	ug/L	97
33) Benzene	8.325	78	233297	24.656	ug/L	100
34) Trichloroethene	9.093	95	50261	19.910	ug/L	97
35) Methylcyclohexane	9.337	83	39492	9.947	ug/L	98
37) 1,2-Dichloropropane	9.368	63	68117	25.620	ug/L	99
38) Bromodichloromethane	9.642	83	75887	23.344	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	54821	14.586	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	110240	66.897	ug/L	99
42) Toluene	10.386	91	191242	19.661	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	50827	16.016	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	48121	25.987	ug/L	93
46) Tetrachloroethene	10.861	164	26164	14.827	ug/L	90
48) 2-Hexanone	10.965	43	76499	65.422	ug/L	91
49) Dibromochloromethane	11.123	129	41201	21.285	ug/L	99
50) 1,2-Dibromoethane	11.233	107	37304	22.442	ug/L	96
51) Chlorobenzene	11.654	112	92211	14.598	ug/L	98
52) Ethylbenzene	11.727	91	157026	14.221	ug/L	96
53) m,p-Xylene	11.837	106	54079	13.409	ug/L	95
54) o-Xylene	12.160	106	52788	14.005	ug/L	98
55) Styrene	12.178	104	75329	11.462	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	46892	20.472	ug/L	96
59) Bromoform	12.349	173	20557	44.254	ug/L	95
60) Isopropylbenzene	12.458	105	115588	25.595	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	40279	54.485	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	63214	19.327	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	65364	18.574	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	31400	16.067	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	31868	15.326	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	28258	15.640	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	14.476	75	6511	37.741	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.629	180	10949	8.301	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	7378	6.900	ug/L	96
71) Naphthalene	15.360	128	21736	10.300	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	6273	6.439	ug/L	96

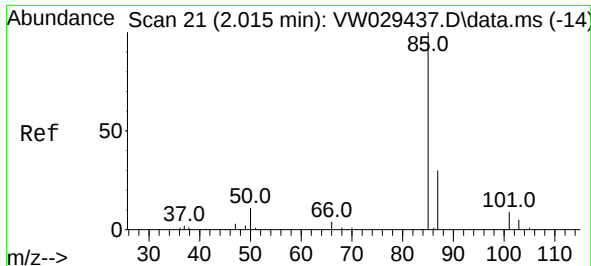
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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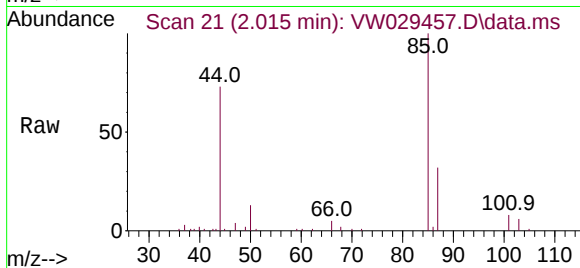
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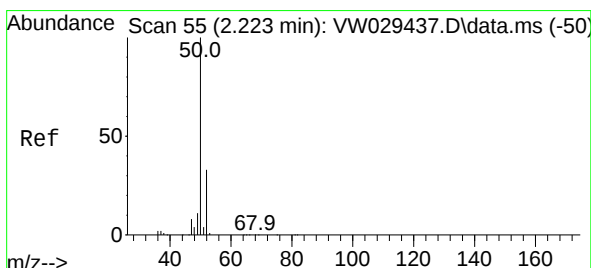
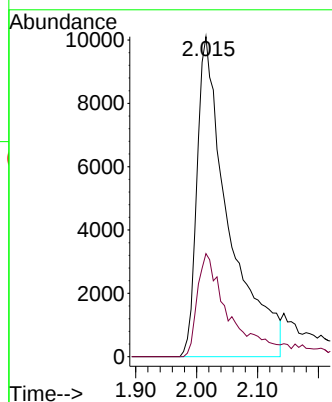
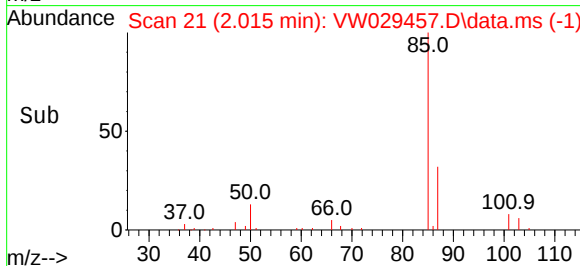


#2
 Dichlorodifluoromethane
 Concen: 14.460 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029457.D
 Acq: 02 Jul 2024 20:18

Instrument :
 MSVOA_W
 ClientSampleId :

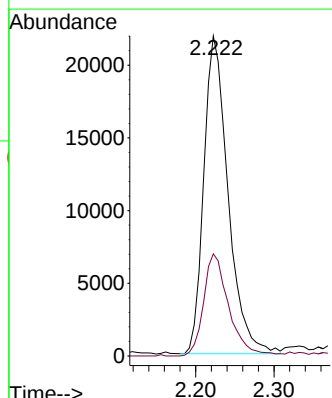
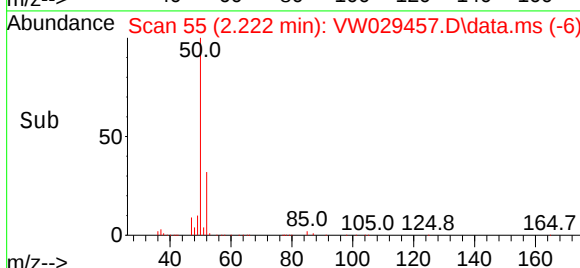
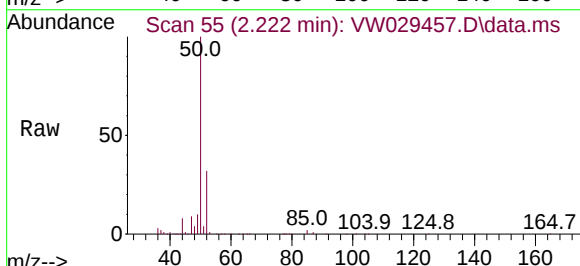


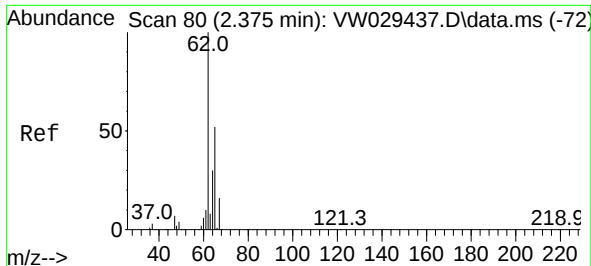
Tgt Ion: 85 Resp: 36397
 Ion Ratio Lower Upper
 85 100
 87 22.8 23.8 35.6#



#3
 Chloromethane
 Concen: 13.144 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029457.D
 Acq: 02 Jul 2024 20:18

Tgt Ion: 50 Resp: 47171
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.3 41.5

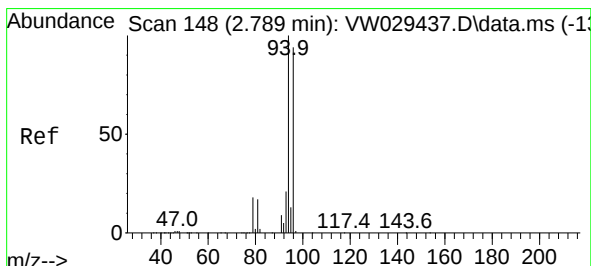
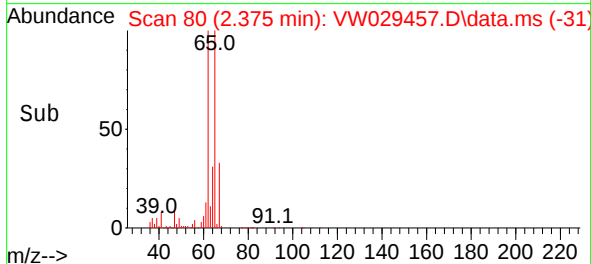
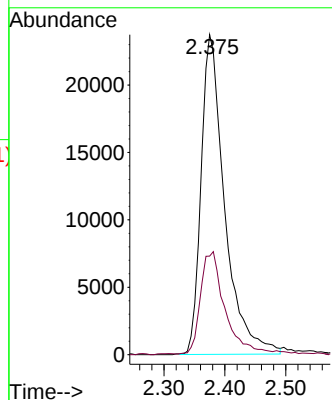
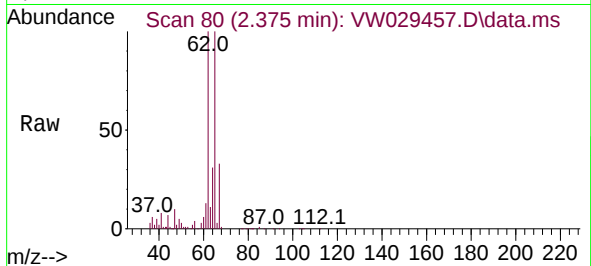




#5
 Vinyl chloride
 Concen: 15.456 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029457.D
 Acq: 02 Jul 2024 20:18

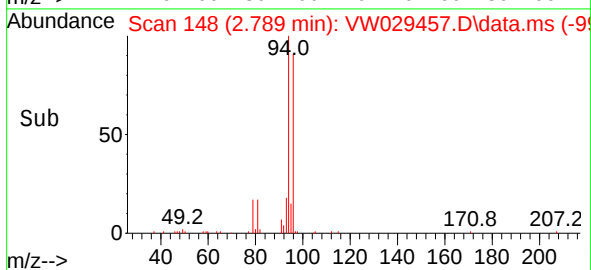
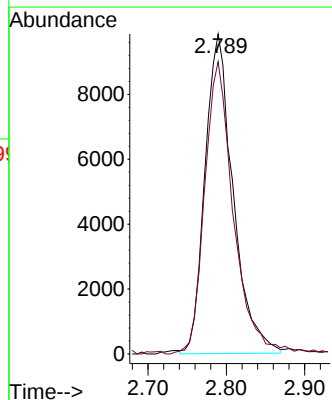
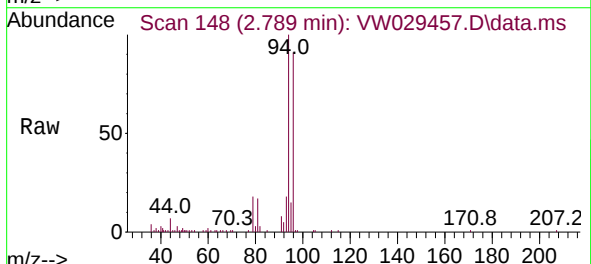
Instrument :
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 ClientSampleId :

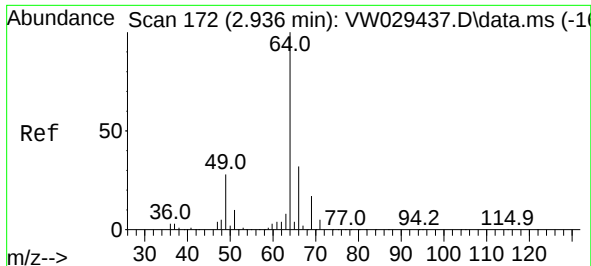
Tgt Ion: 62 Resp: 63702
 Ion Ratio Lower Upper
 62 100
 64 30.8 22.0 40.8



#6
 Bromomethane
 Concen: 9.924 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029457.D
 Acq: 02 Jul 2024 20:18

Tgt Ion: 94 Resp: 24582
 Ion Ratio Lower Upper
 94 100
 96 91.3 69.5 129.1

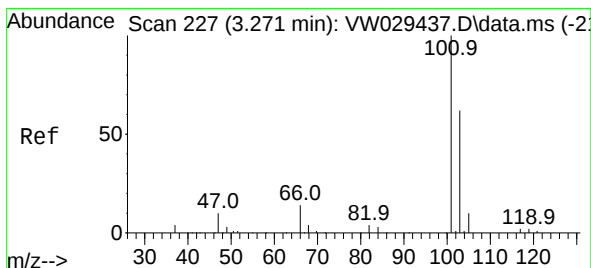
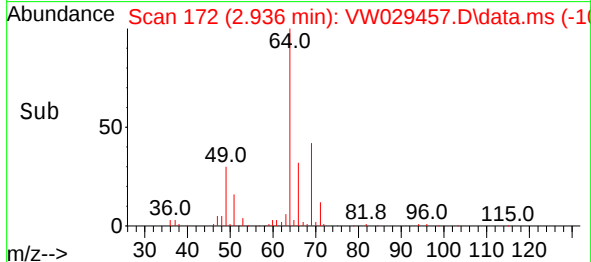
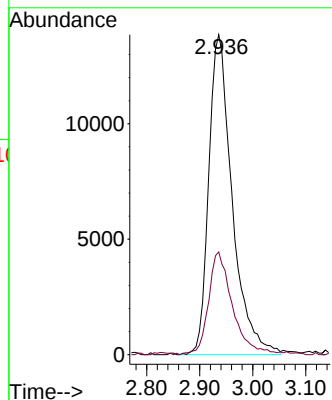
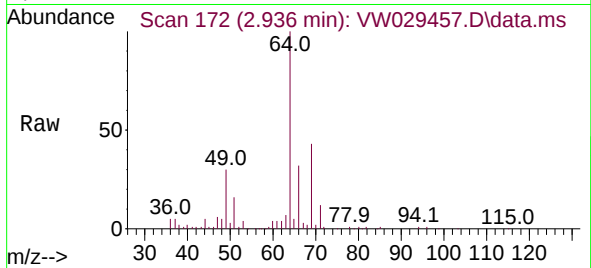




#8
Chloroethane
Concen: 16.874 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

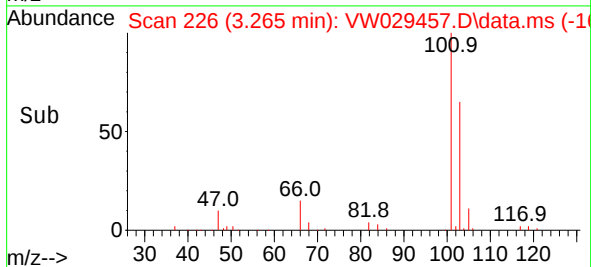
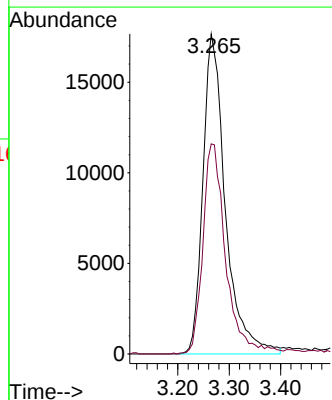
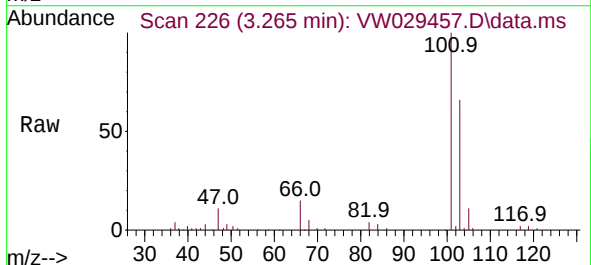
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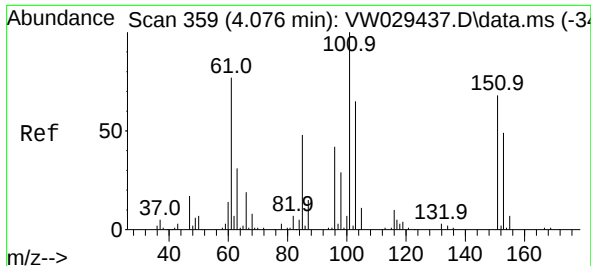
Tgt Ion: 64 Resp: 42536
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 16.768 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

Tgt Ion:101 Resp: 53580
Ion Ratio Lower Upper
101 100
103 63.2 50.8 76.2





#10

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

Concen: 12.333 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :

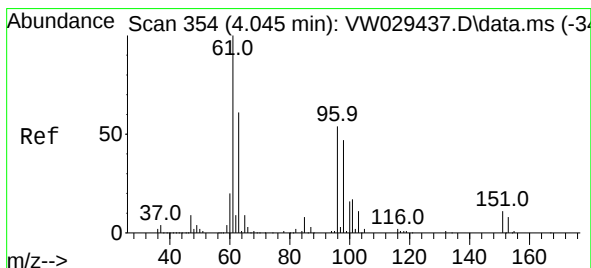
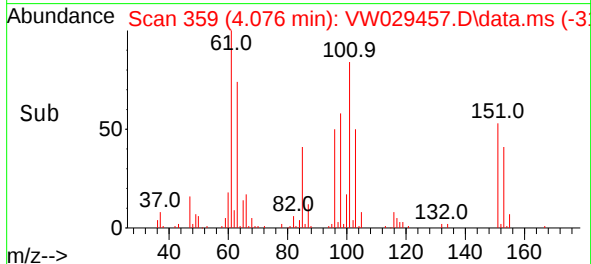
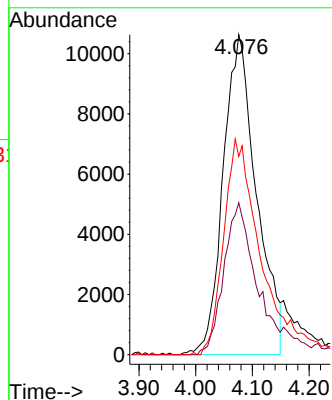
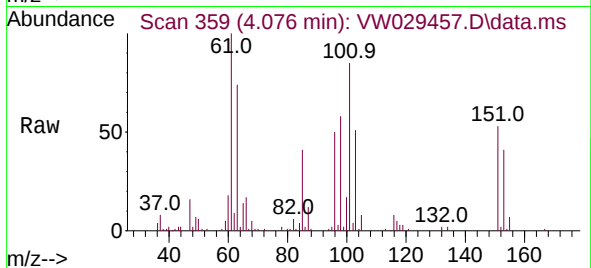
Tgt Ion:101 Resp: 43449

Ion Ratio Lower Upper

101 100

85 41.9 30.2 45.2

151 72.1 52.2 78.4



#12

1,1-Dichloroethene

Concen: 16.195 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

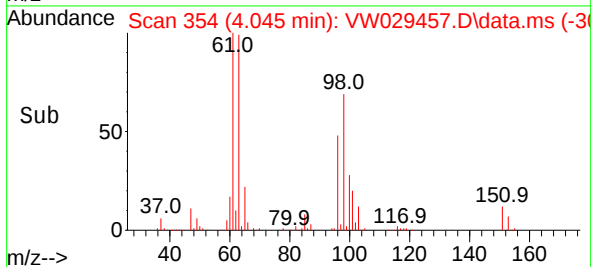
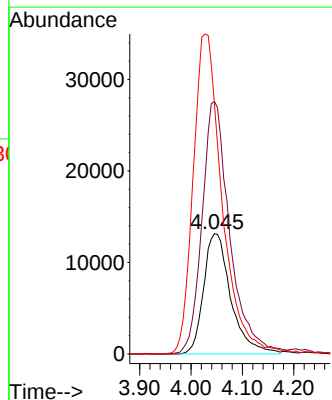
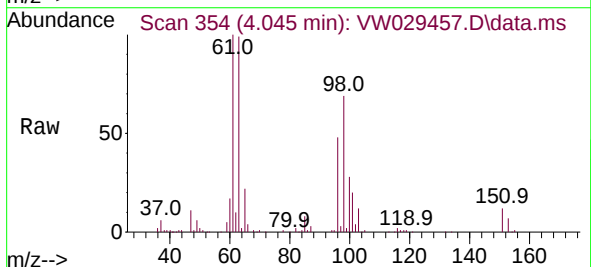
Tgt Ion: 96 Resp: 48413

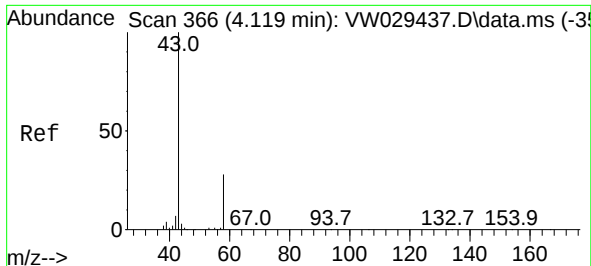
Ion Ratio Lower Upper

96 100

61 210.0 140.1 260.3

63 207.9 122.0 226.6





#13

Acetone

Concen: 34.593 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

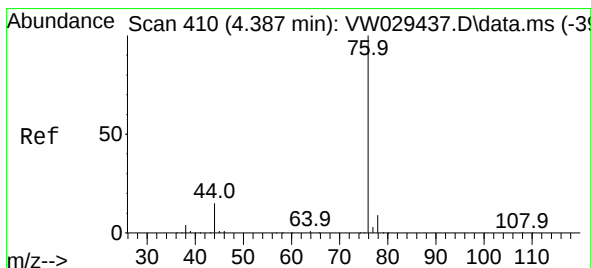
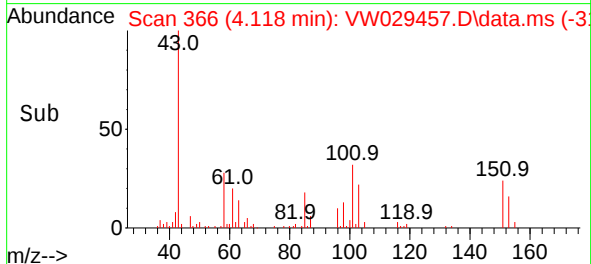
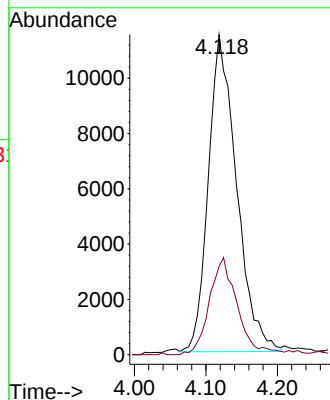
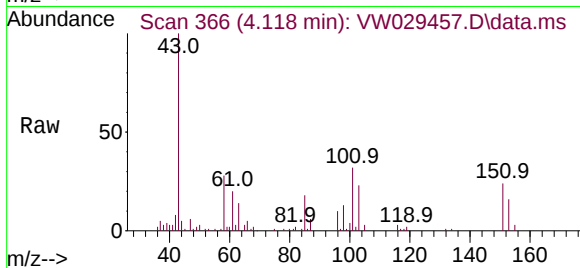
ClientSampleId :

Tgt Ion: 43 Resp: 31407

Ion Ratio Lower Upper

43 100

58 29.0 0.0 61.4



#14

Carbon disulfide

Concen: 11.665 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029457.D

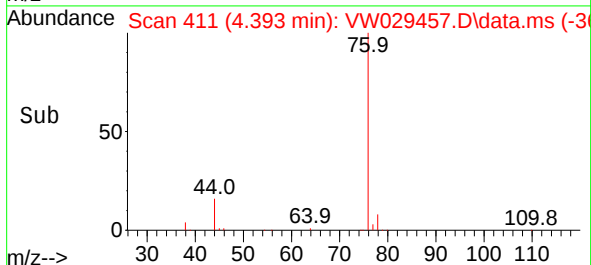
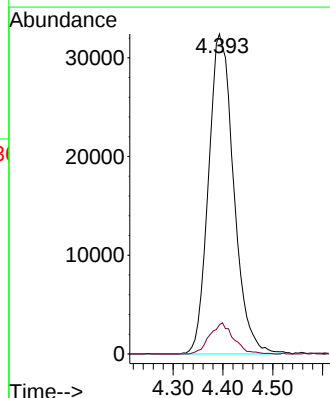
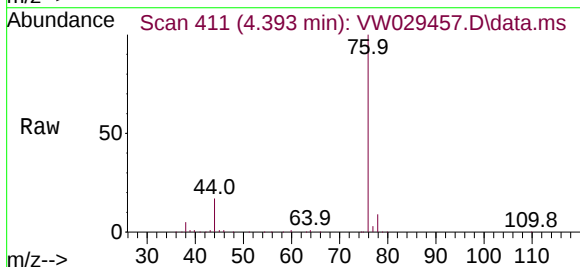
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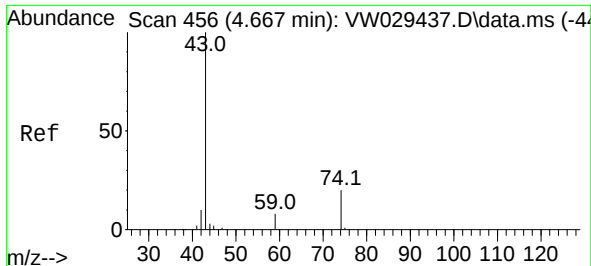
Tgt Ion: 76 Resp: 113831

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 10.758 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

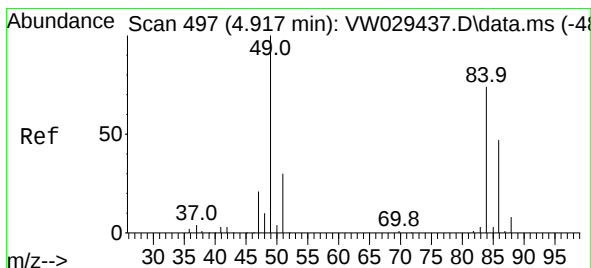
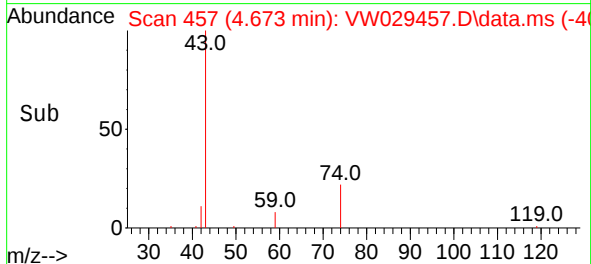
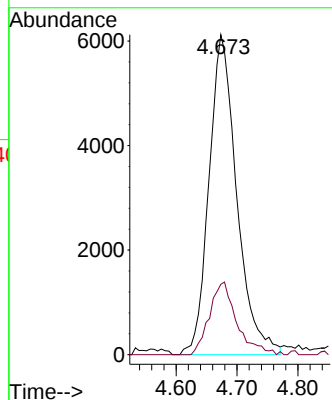
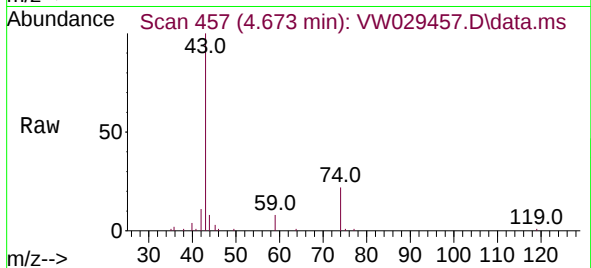
ClientSampleId :

Tgt Ion: 43 Resp: 19391

Ion Ratio Lower Upper

43 100

74 20.8 16.6 25.0



#16

Methylene chloride

Concen: 15.772 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

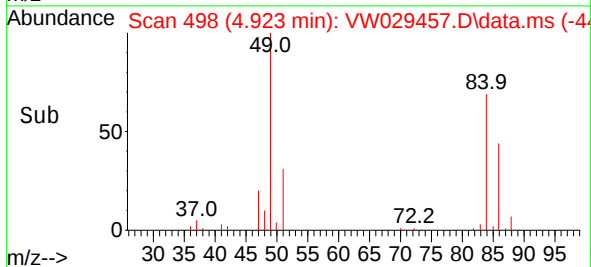
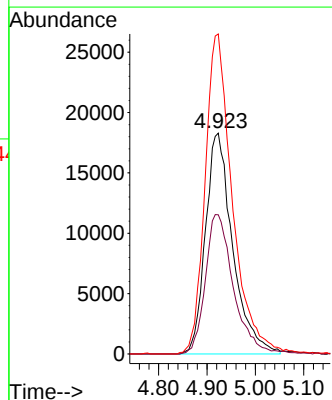
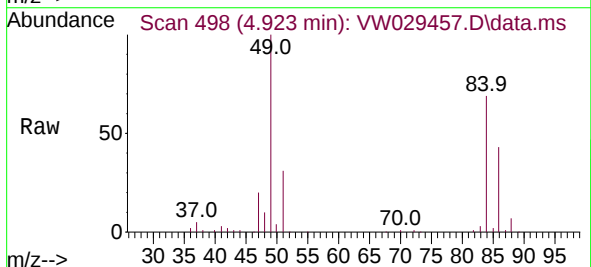
Tgt Ion: 84 Resp: 71548

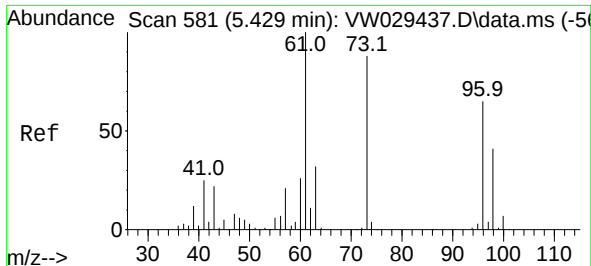
Ion Ratio Lower Upper

84 100

86 63.0 41.4 77.0

49 144.9 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 15.522 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :

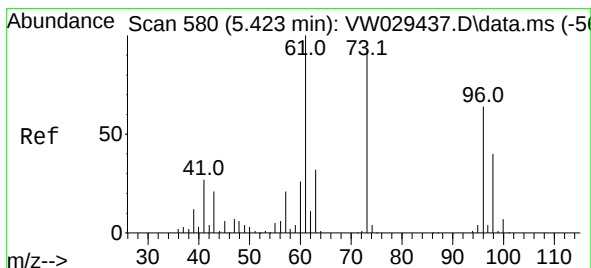
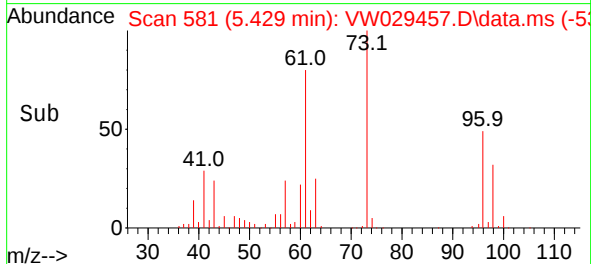
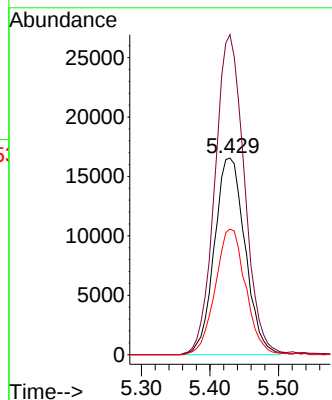
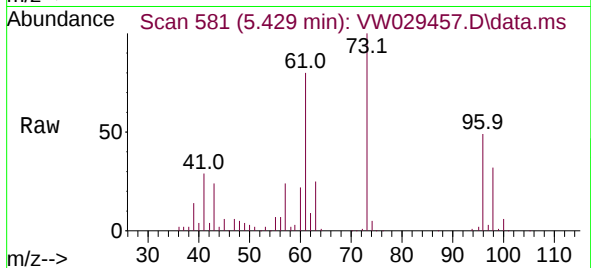
Tgt Ion: 96 Resp: 51530

Ion Ratio Lower Upper

96 100

61 162.7 101.5 188.5

98 63.8 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 22.364 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

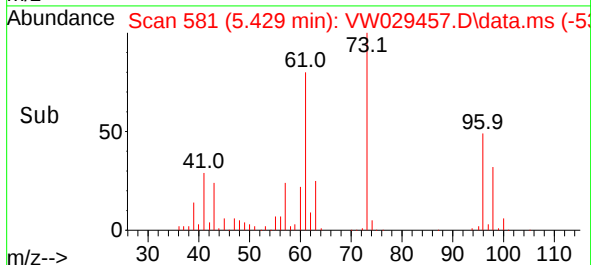
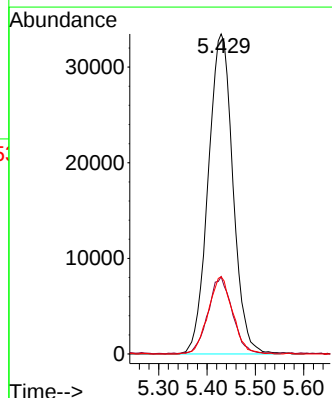
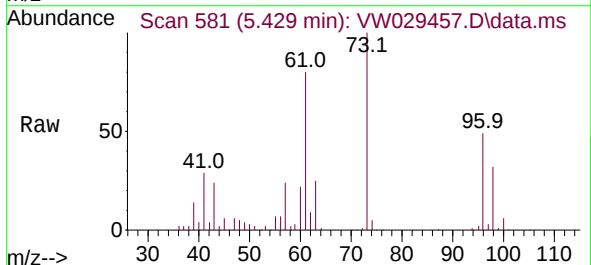
Tgt Ion: 73 Resp: 118780

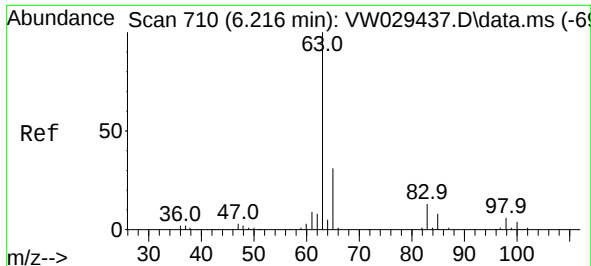
Ion Ratio Lower Upper

73 100

43 23.4 19.5 29.3

57 23.8 18.4 27.6





#19

1,1-Dichloroethane

Concen: 17.828 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :

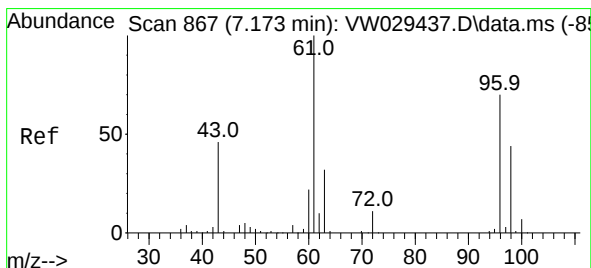
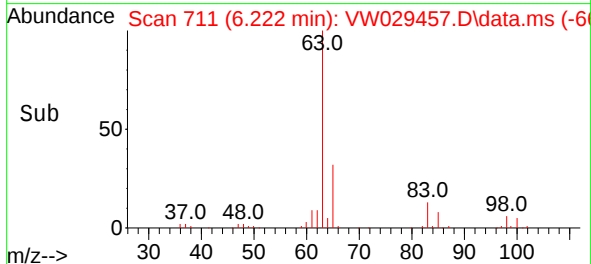
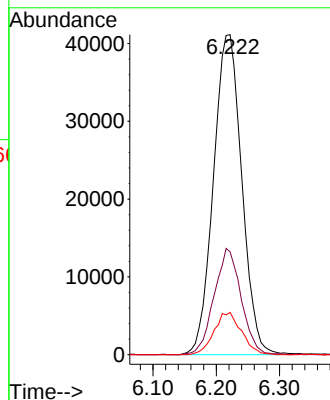
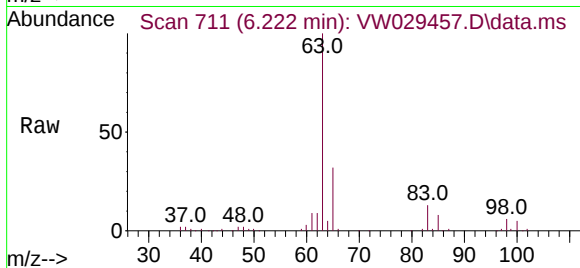
Tgt Ion: 63 Resp: 127828

Ion Ratio Lower Upper

63 100

65 32.2 23.4 43.4

83 13.2 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 16.360 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

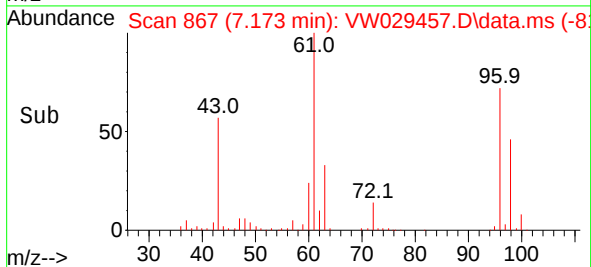
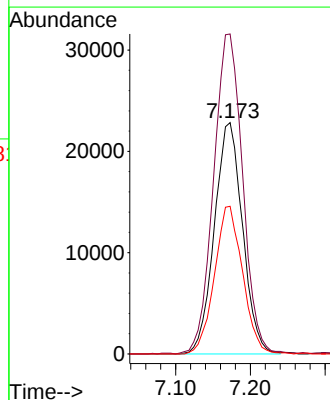
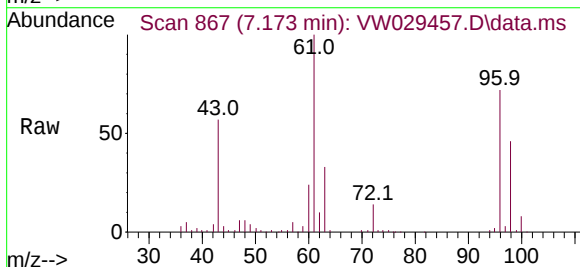
Tgt Ion: 96 Resp: 59892

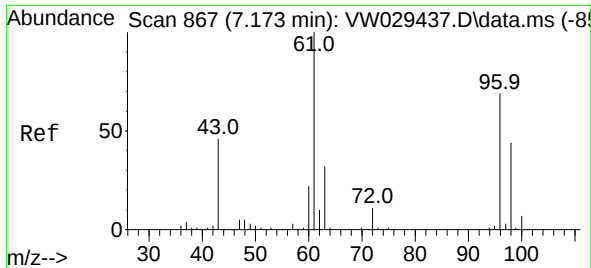
Ion Ratio Lower Upper

96 100

61 138.3 97.8 181.6

98 63.8 43.0 79.8

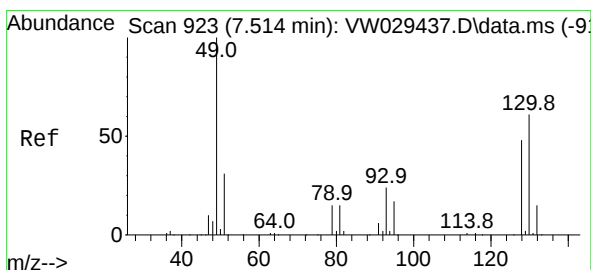
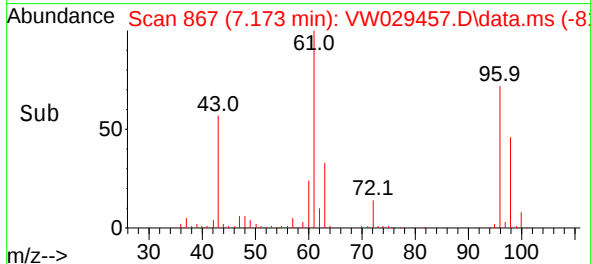
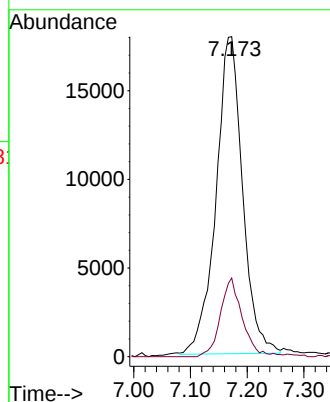
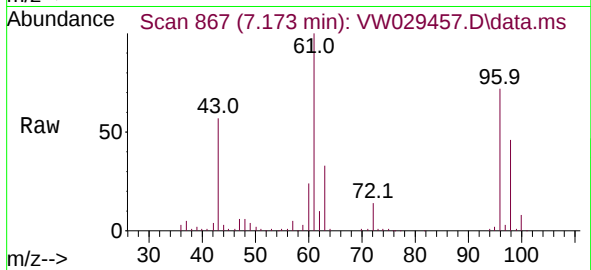




#22
2-Butanone
Concen: 46.801 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

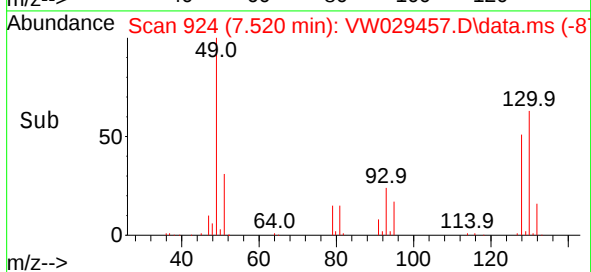
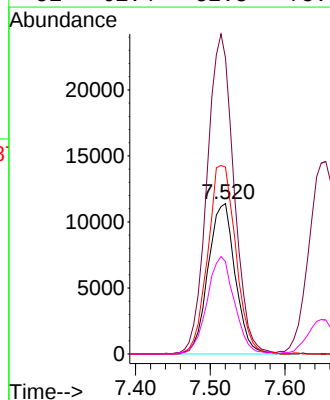
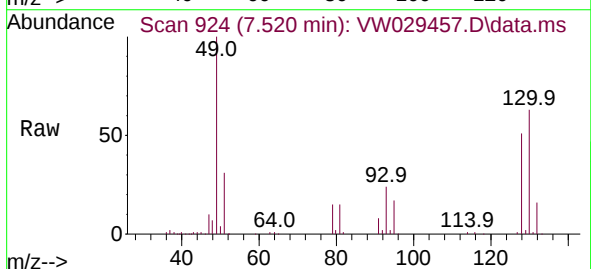
Instrument :
MSVOA_W
ClientSampleId :

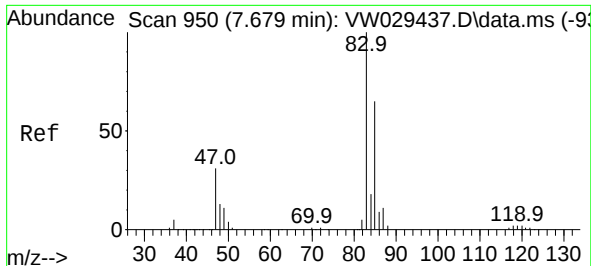
Tgt Ion: 43 Resp: 58247
Ion Ratio Lower Upper
43 100
72 20.2 11.9 35.7



#23
Bromochloromethane
Concen: 17.599 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

Tgt Ion:128 Resp: 28680
Ion Ratio Lower Upper
128 100
49 196.7 142.6 264.8
130 124.2 79.7 148.1
51 61.4 52.3 78.5





#25

Chloroform

Concen: 17.184 ug/L

RT: 7.679 min Scan# 90

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

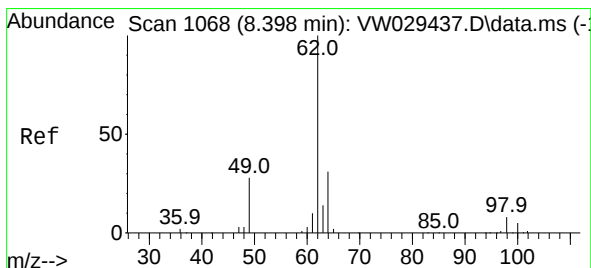
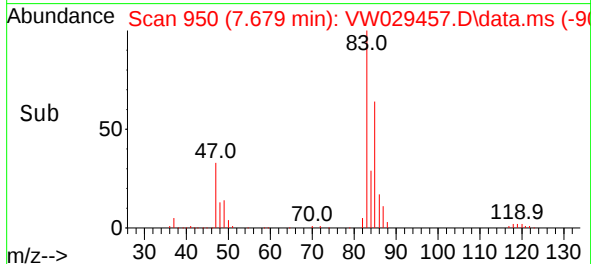
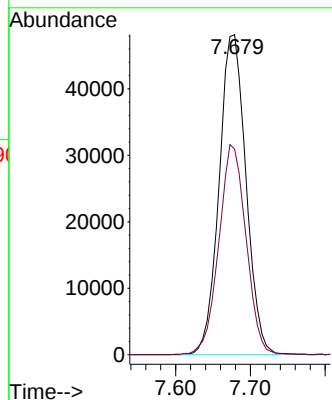
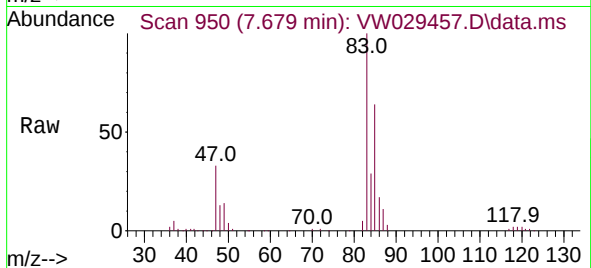
ClientSampleId :

Tgt Ion: 83 Resp: 120309

Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 17.510 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029457.D

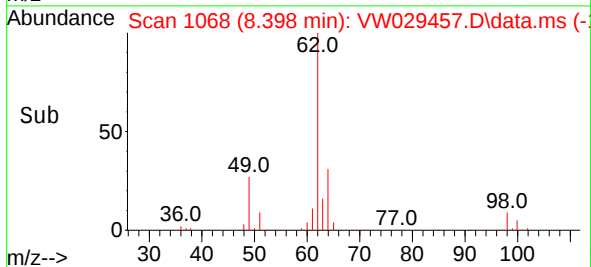
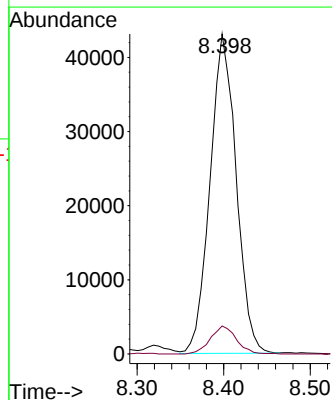
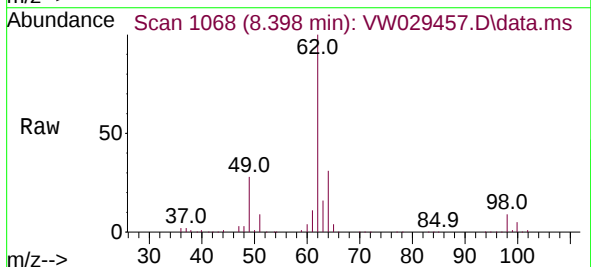
Acq: 02 Jul 2024 20:18

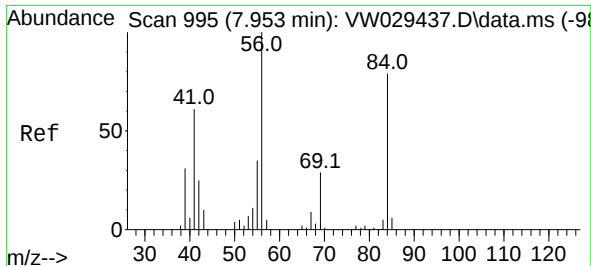
Tgt Ion: 62 Resp: 90414

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0





#29

Cyclohexane

Concen: 14.810 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :

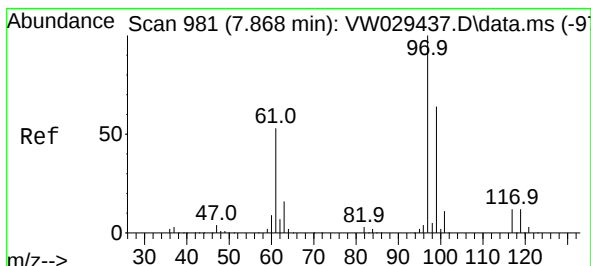
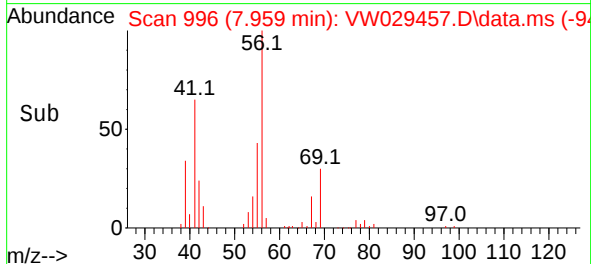
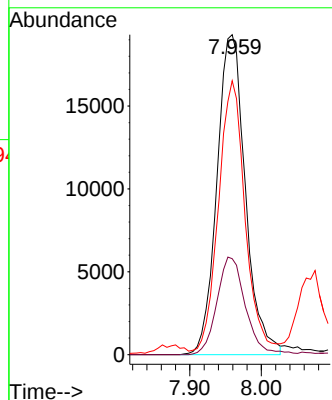
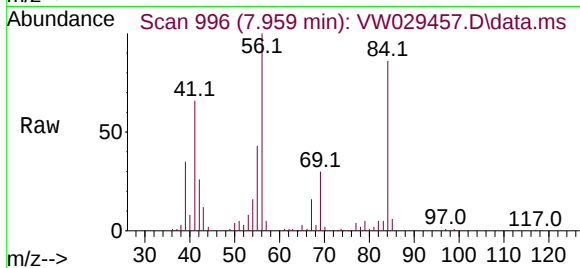
Tgt Ion: 56 Resp: 53317

Ion Ratio Lower Upper

56 100

69 30.5 23.4 35.0

84 79.7 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 24.537 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

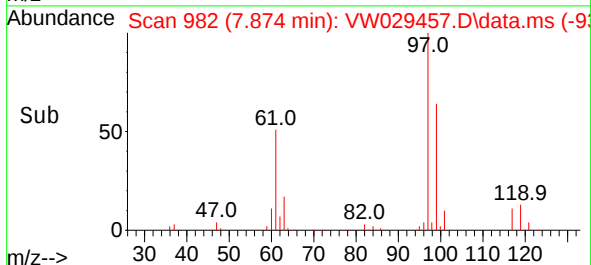
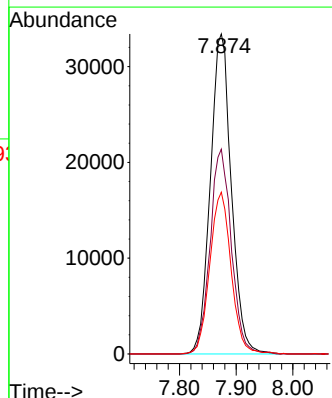
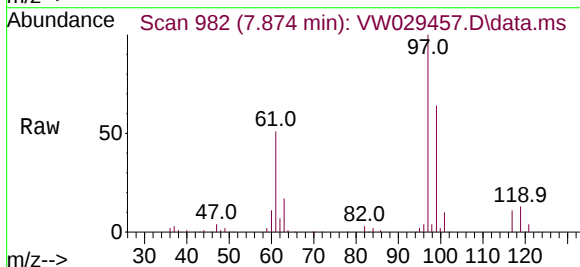
Tgt Ion: 97 Resp: 85923

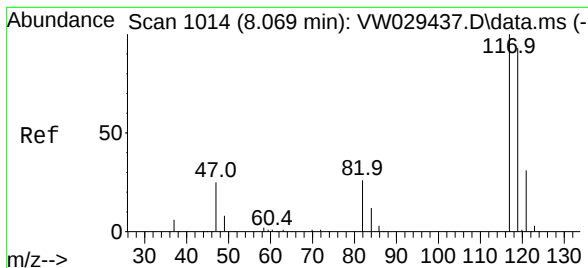
Ion Ratio Lower Upper

97 100

99 64.7 53.0 79.4

61 51.2 43.0 64.4





#31

Carbon tetrachloride

Concen: 21.161 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

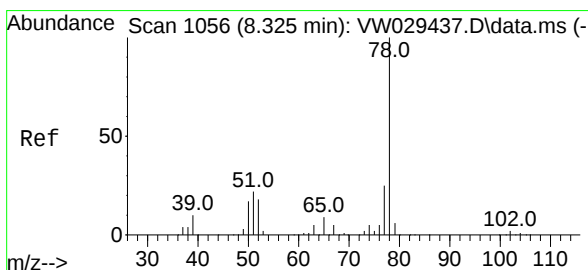
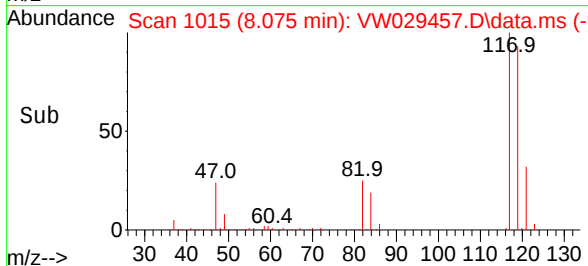
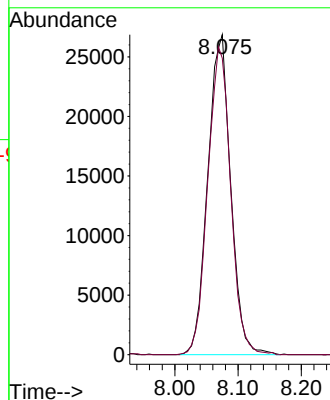
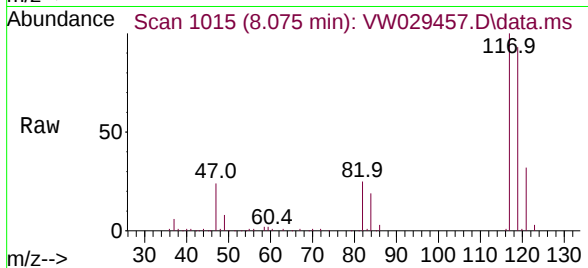
ClientSampleId :

Tgt Ion:117 Resp: 67692

Ion Ratio Lower Upper

117 100

119 96.0 79.0 118.4



#33

Benzene

Concen: 24.656 ug/L

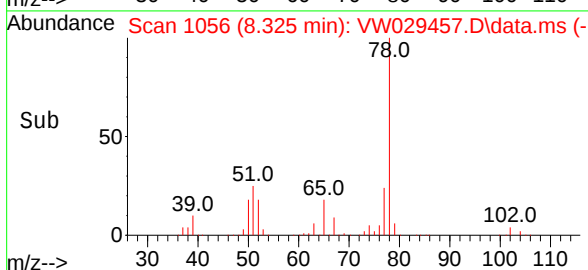
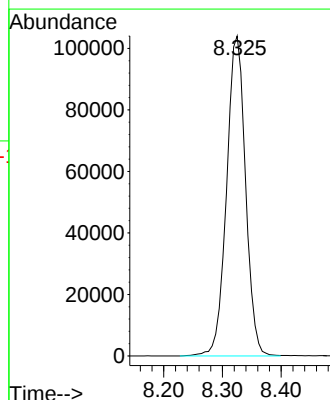
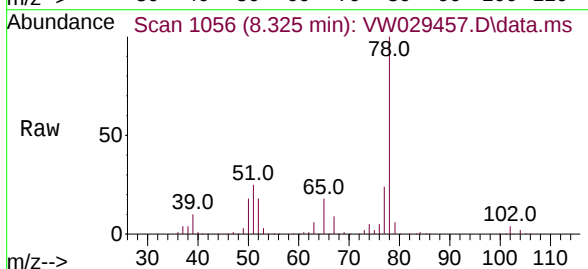
RT: 8.325 min Scan# 1056

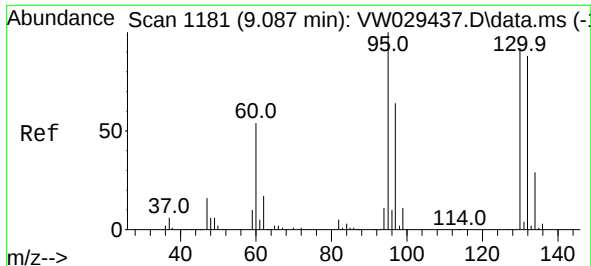
Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Tgt Ion: 78 Resp: 233297

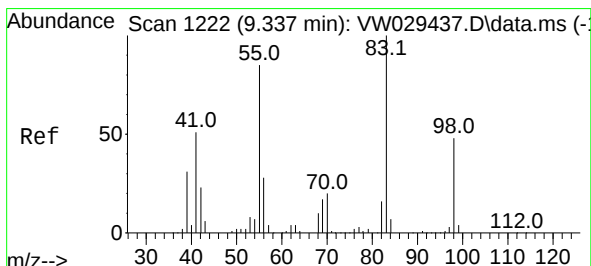
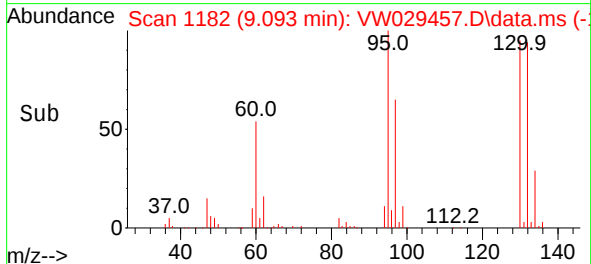
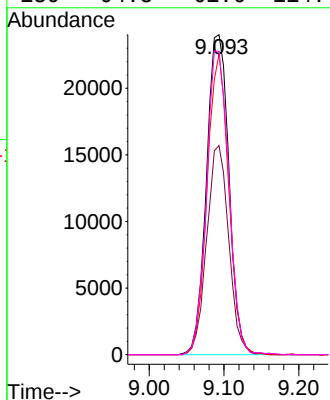
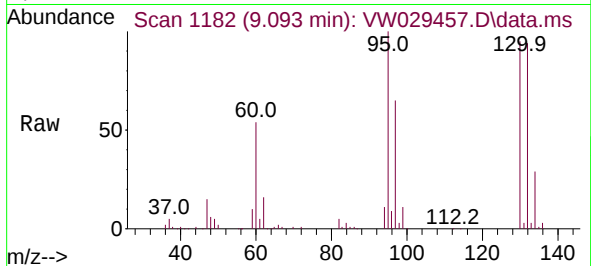




#34
Trichloroethene
Concen: 19.910 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

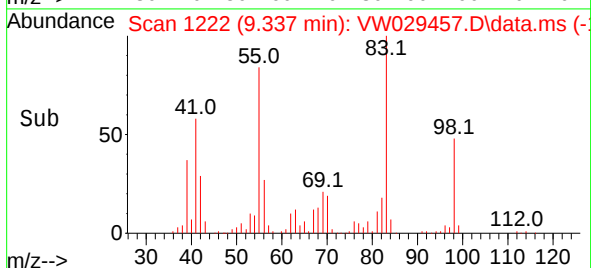
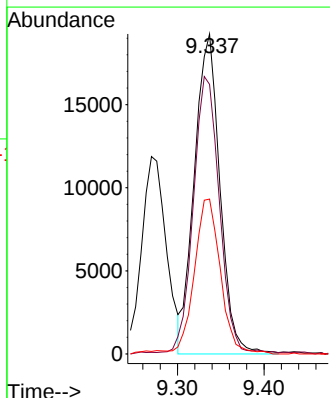
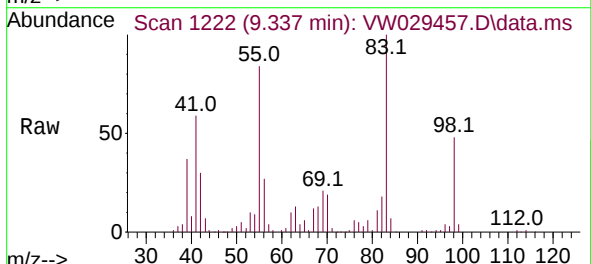
Instrument :
MSVOA_W
ClientSampleId :

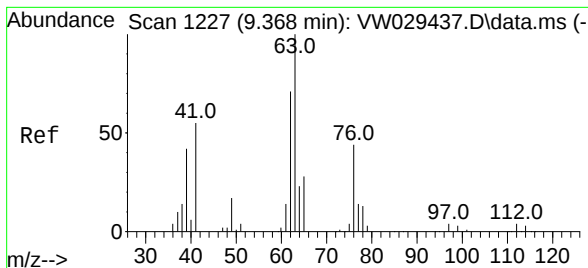
Tgt Ion: 95 Resp: 50261
Ion Ratio Lower Upper
95 100
97 65.3 45.7 84.9
132 93.9 66.4 123.4
130 94.8 61.6 114.4



#35
Methylcyclohexane
Concen: 9.947 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

Tgt Ion: 83 Resp: 39492
Ion Ratio Lower Upper
83 100
55 88.3 69.5 104.3
98 49.3 38.0 57.0





#37

1,2-Dichloropropane

Concen: 25.620 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

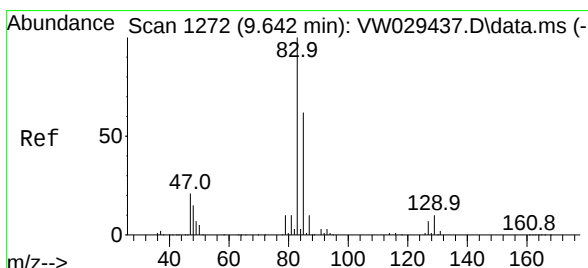
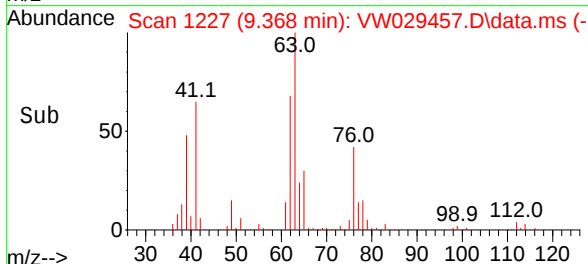
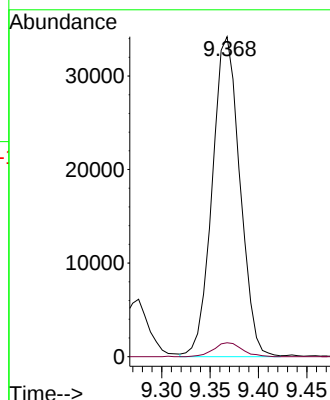
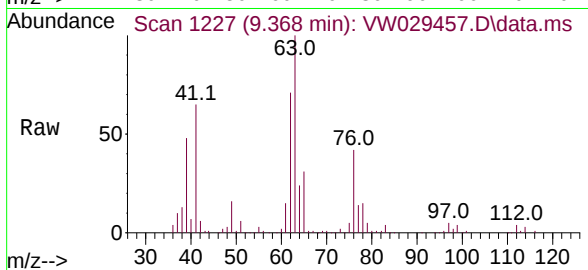
ClientSampleId :

Tgt Ion: 63 Resp: 68117

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 23.344 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

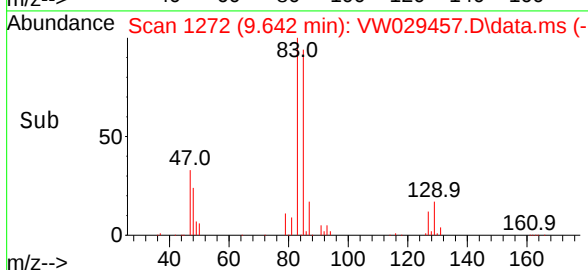
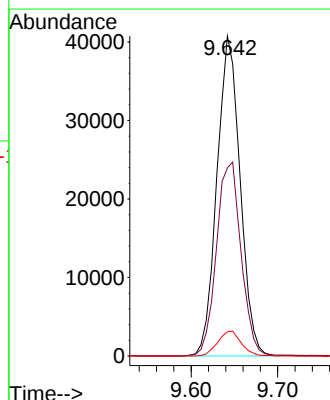
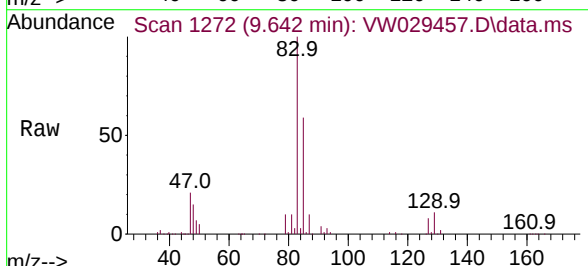
Tgt Ion: 83 Resp: 75887

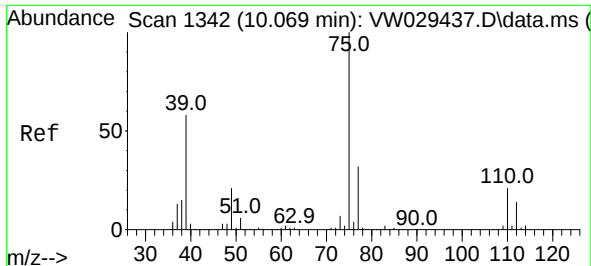
Ion Ratio Lower Upper

83 100

85 58.8 45.1 83.9

127 7.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 14.586 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

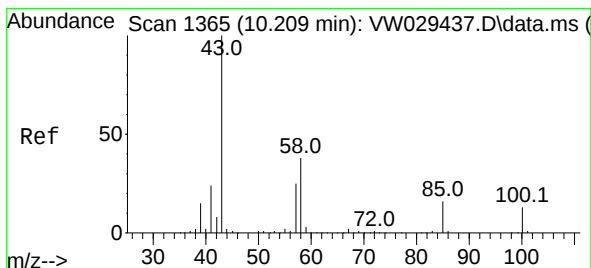
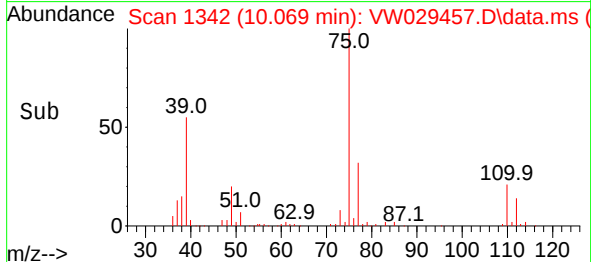
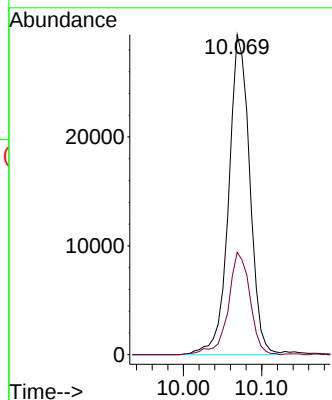
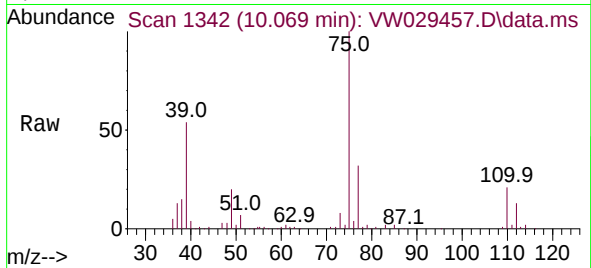
ClientSampleId :

Tgt Ion: 75 Resp: 54821

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 66.897 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

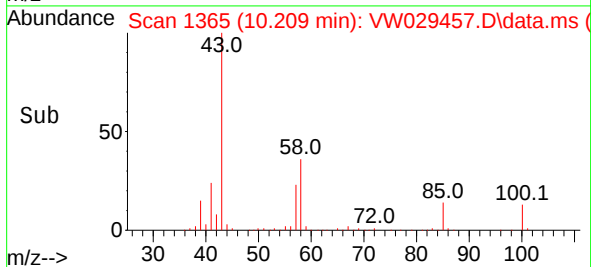
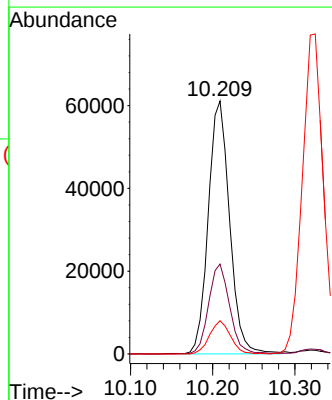
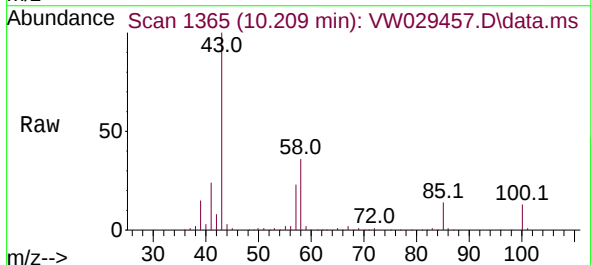
Tgt Ion: 43 Resp: 110240

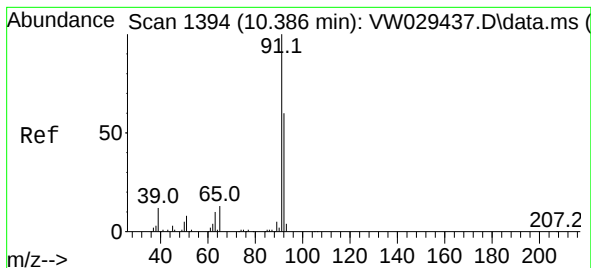
Ion Ratio Lower Upper

43 100

58 34.8 28.2 42.4

100 12.8 11.0 16.4





#42

Toluene

Concen: 19.661 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

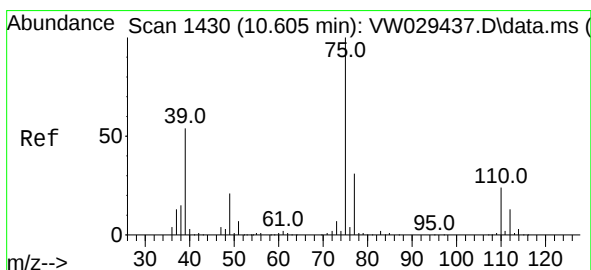
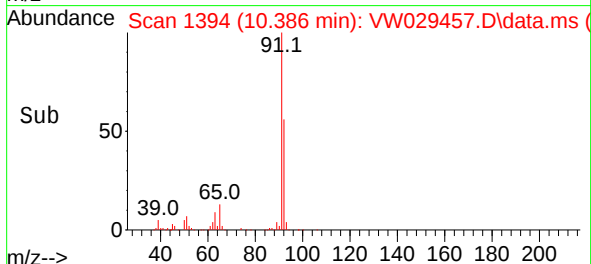
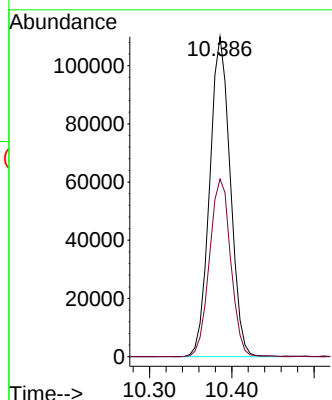
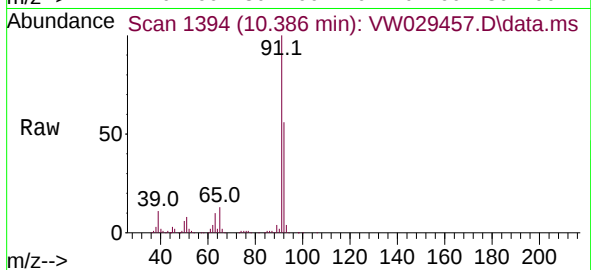
ClientSampleId :

Tgt Ion: 91 Resp: 191242

Ion Ratio Lower Upper

91 100

92 55.5 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 16.016 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029457.D

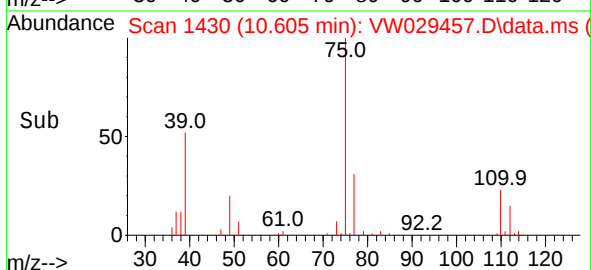
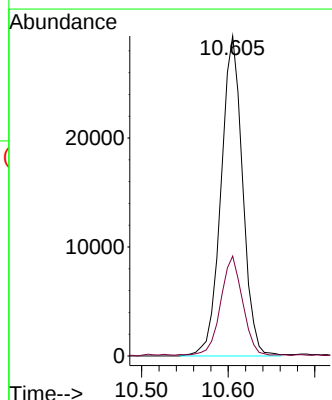
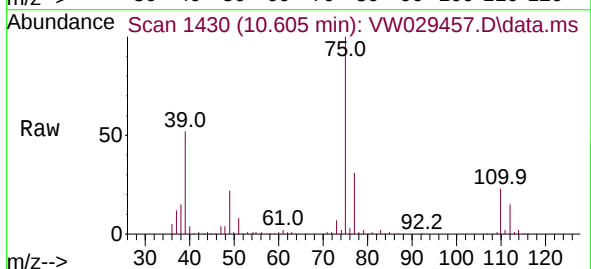
Acq: 02 Jul 2024 20:18

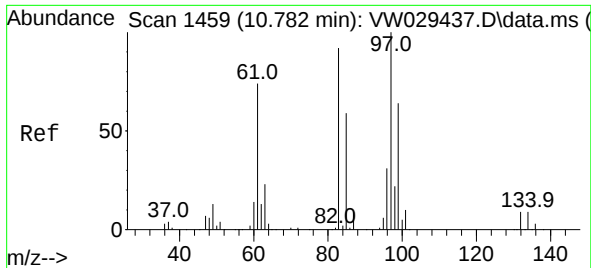
Tgt Ion: 75 Resp: 50827

Ion Ratio Lower Upper

75 100

77 31.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 25.987 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 48121

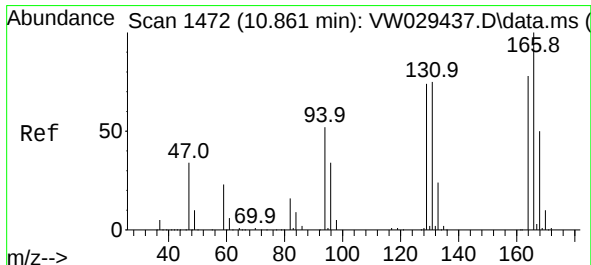
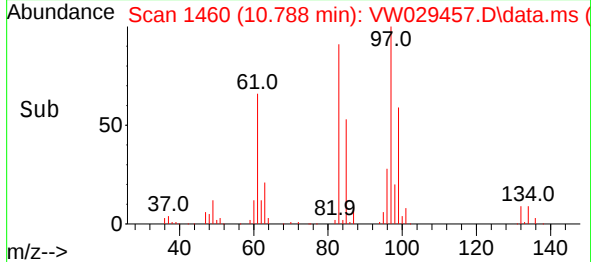
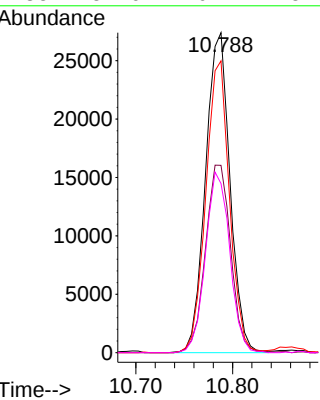
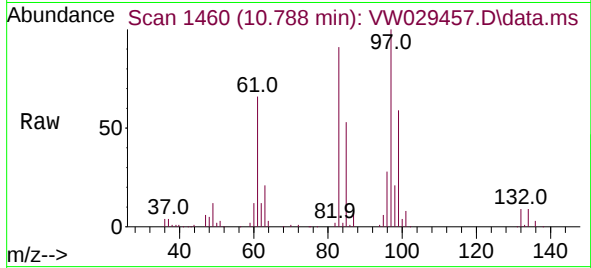
Ion Ratio Lower Upper

97 100

99 58.5 42.3 78.5

83 91.2 57.7 107.1

85 52.9 40.7 75.5



#46

Tetrachloroethene

Concen: 14.827 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Tgt Ion:164 Resp: 26164

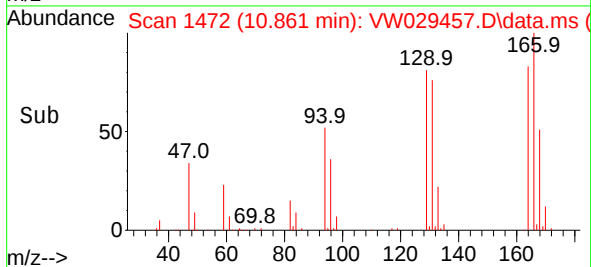
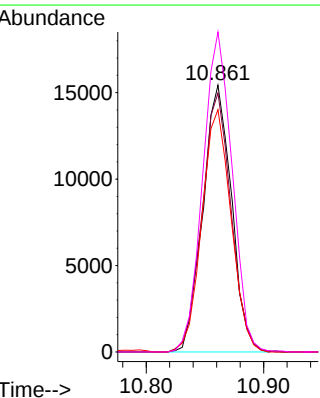
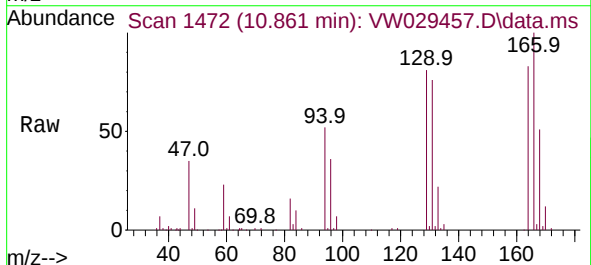
Ion Ratio Lower Upper

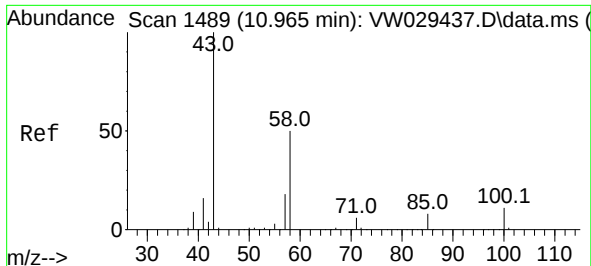
164 100

129 97.1 68.5 127.3

131 90.8 71.8 133.4

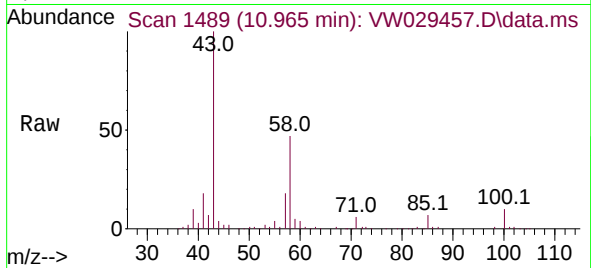
166 120.0 97.2 180.4



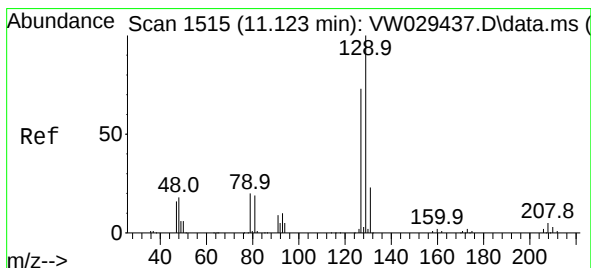
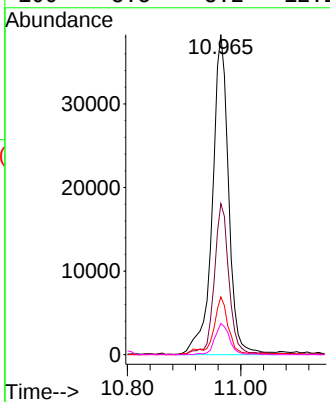
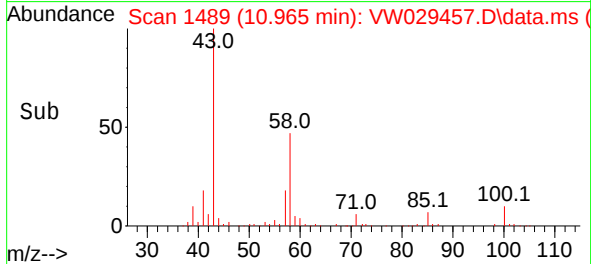


#48
2-Hexanone
Concen: 65.422 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

Instrument :
MSVOA_W
ClientSampleId :

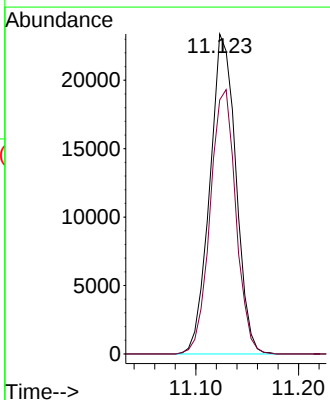
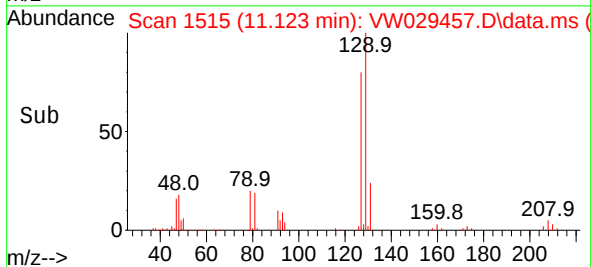
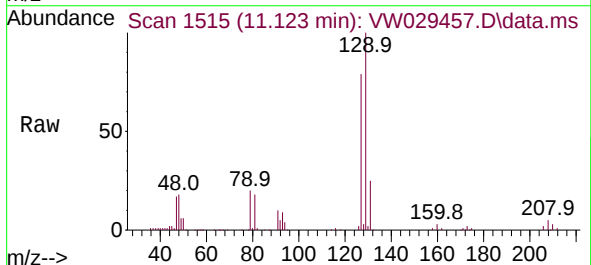


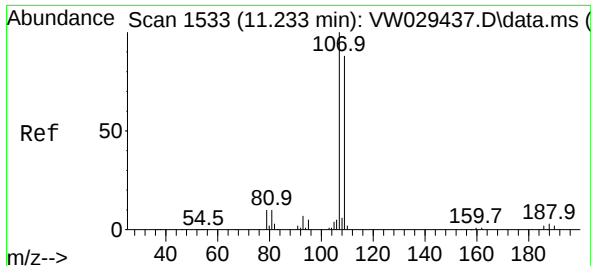
Tgt	Ion: 43	Resp:	76499
Ion	Ratio	Lower	Upper
43	100		
58	42.5	39.6	59.4
57	15.1	14.6	21.8
100	8.5	8.2	12.2



#49
Dibromochloromethane
Concen: 21.285 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

Tgt Ion:129	Resp: 41201
Ion Ratio	Lower Upper
129 100	
127 79.4	54.8 101.8





#50

1,2-Dibromoethane

Concen: 22.442 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

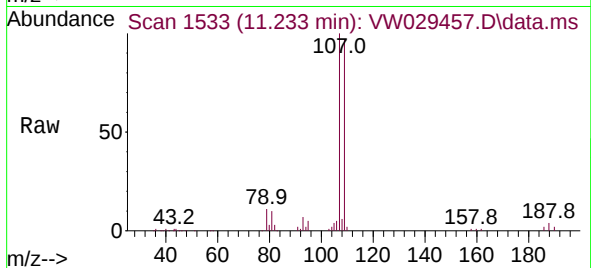
Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :



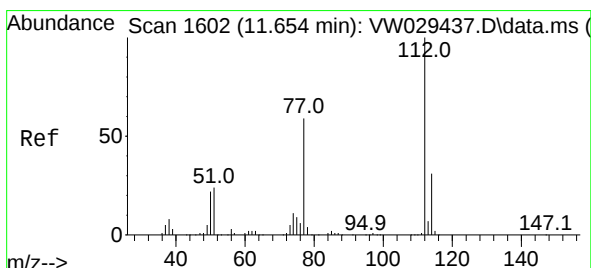
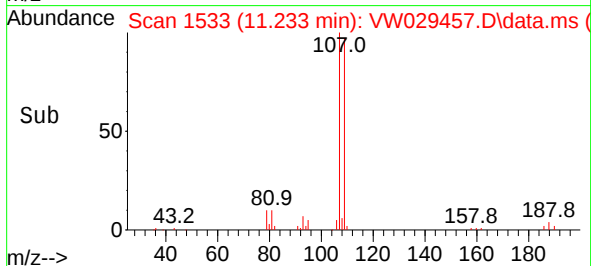
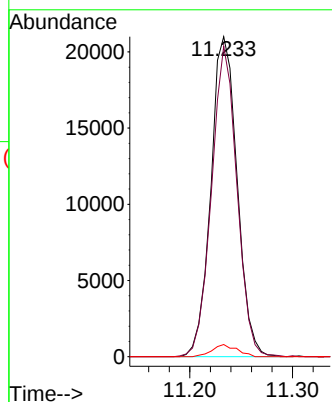
Tgt Ion:107 Resp: 37304

Ion Ratio Lower Upper

107 100

109 97.0 65.5 121.6

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 14.598 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

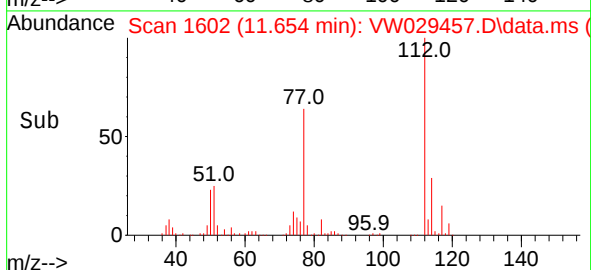
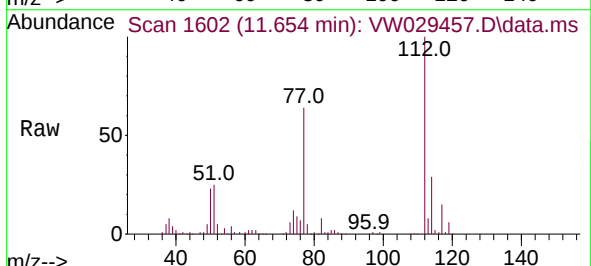
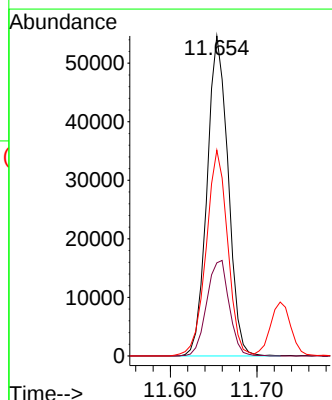
Tgt Ion:112 Resp: 92211

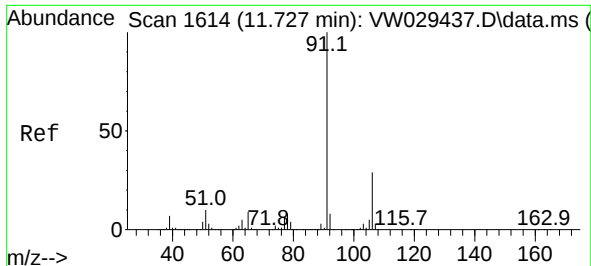
Ion Ratio Lower Upper

112 100

114 29.1 22.6 42.0

77 64.3 51.0 76.6





#52

Ethylbenzene

Concen: 14.221 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

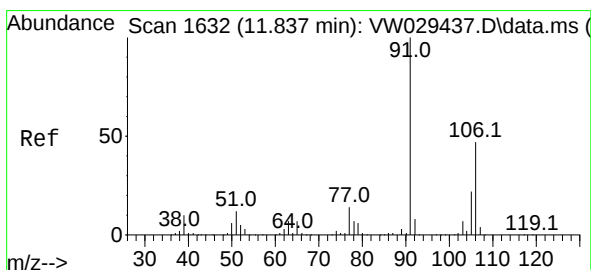
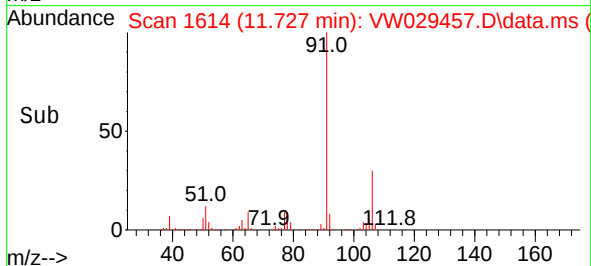
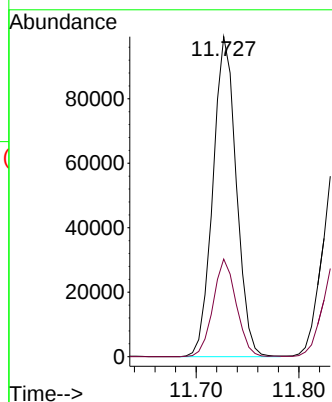
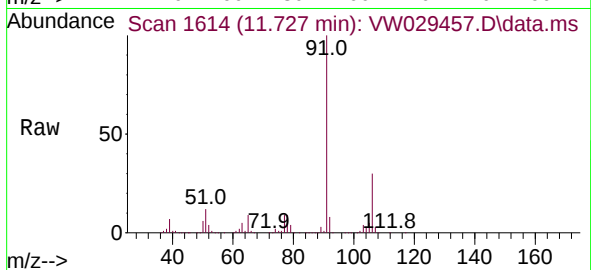
ClientSampleId :

Tgt Ion: 91 Resp: 157026

Ion Ratio Lower Upper

91 100

106 30.5 19.9 37.0



#53

m,p-Xylene

Concen: 13.409 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029457.D

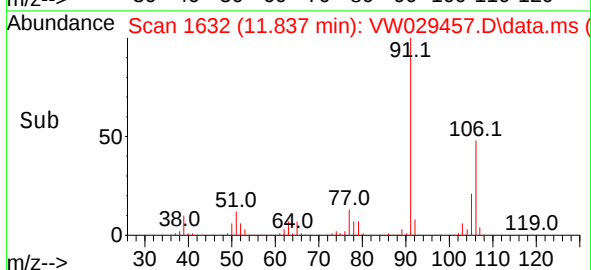
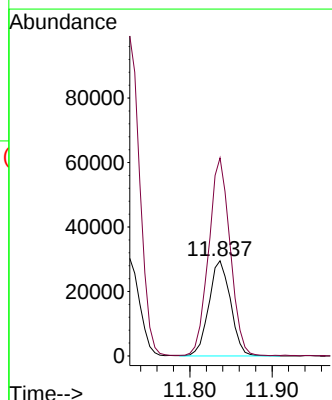
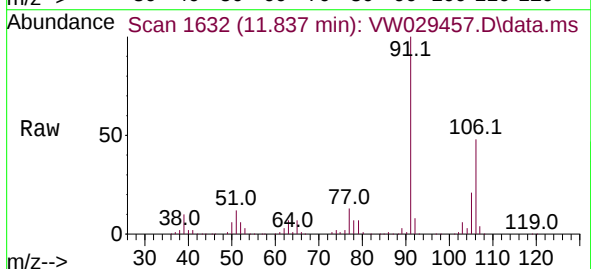
Acq: 02 Jul 2024 20:18

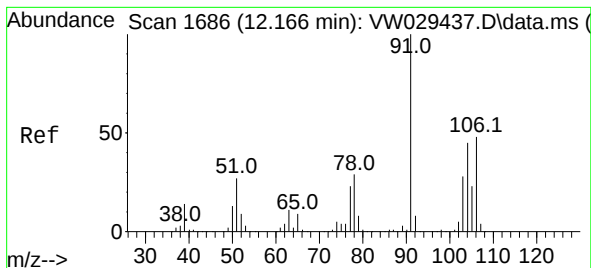
Tgt Ion:106 Resp: 54079

Ion Ratio Lower Upper

106 100

91 207.9 140.5 260.9





#54

o-Xylene

Concen: 14.005 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

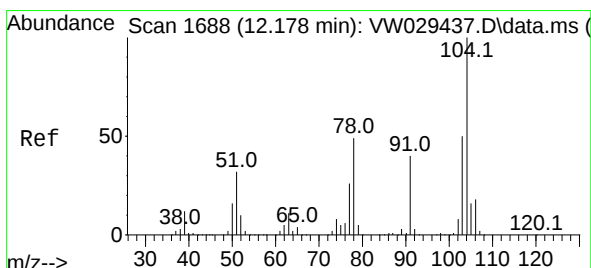
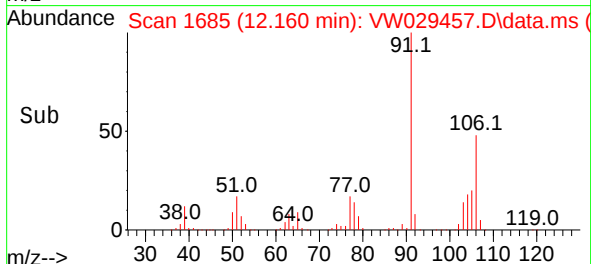
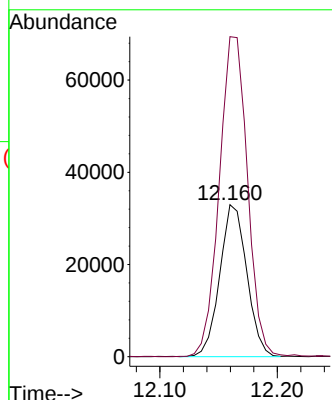
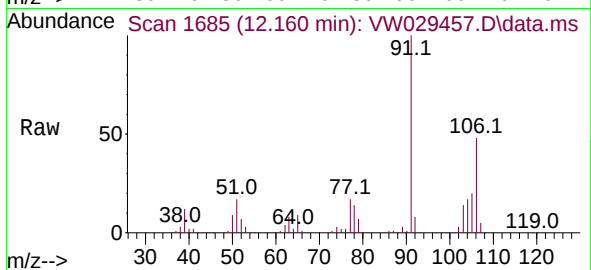
ClientSampleId :

Tgt Ion:106 Resp: 52788

Ion Ratio Lower Upper

106 100

91 210.4 149.9 278.5



#55

Styrene

Concen: 11.462 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029457.D

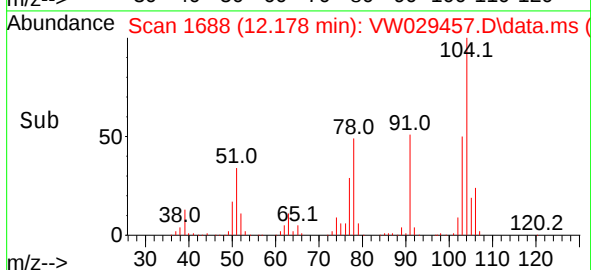
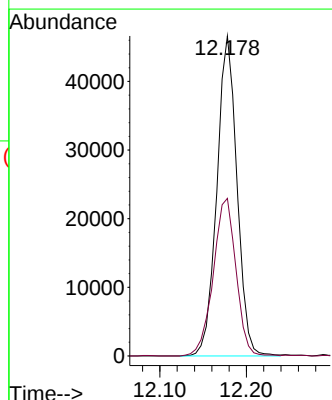
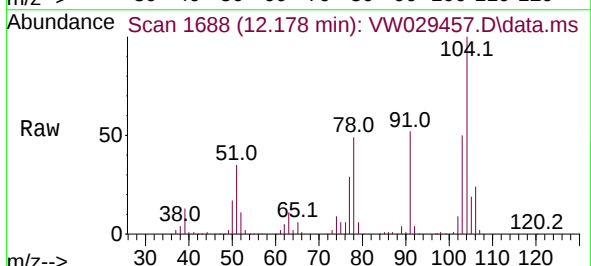
Acq: 02 Jul 2024 20:18

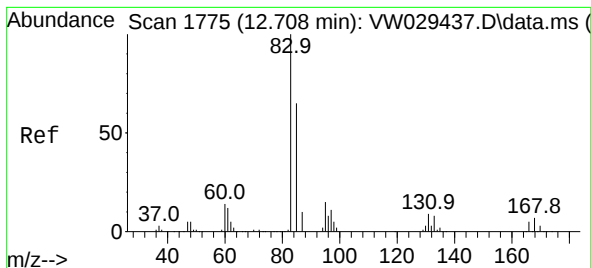
Tgt Ion:104 Resp: 75329

Ion Ratio Lower Upper

104 100

78 49.3 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 20.472 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :

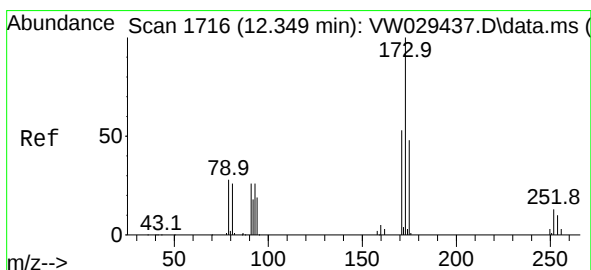
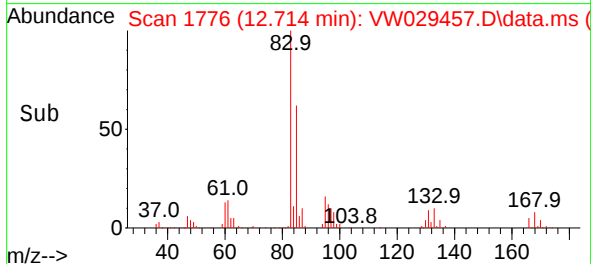
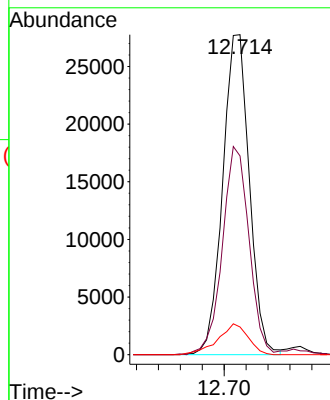
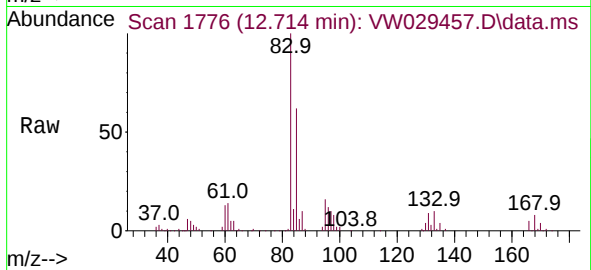
Tgt Ion: 83 Resp: 46892

Ion Ratio Lower Upper

83 100

85 62.1 45.8 85.0

131 8.7 7.8 11.6



#59

Bromoform

Concen: 44.254 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

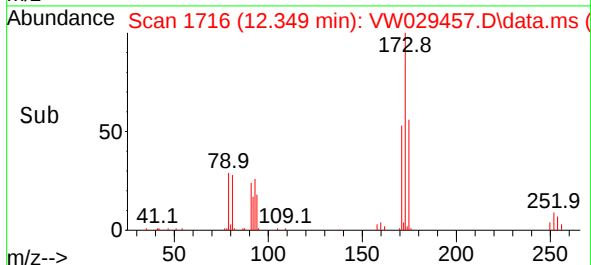
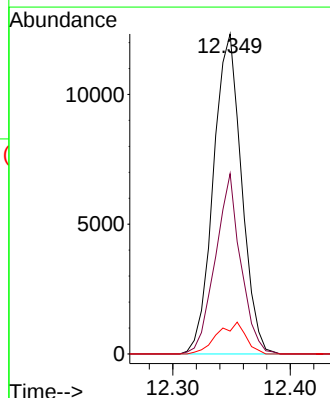
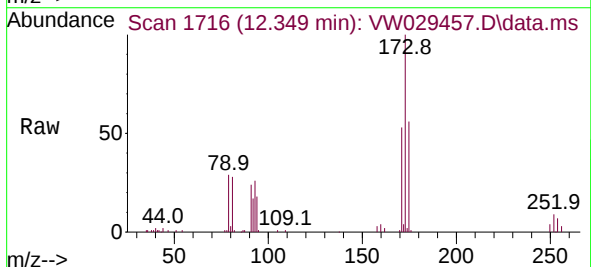
Tgt Ion:173 Resp: 20557

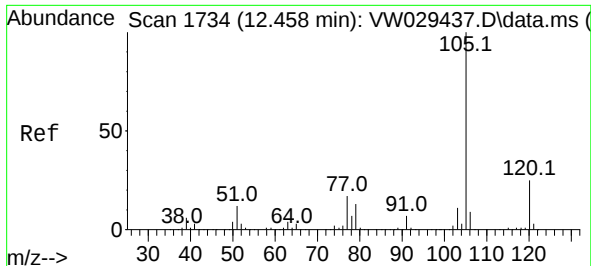
Ion Ratio Lower Upper

173 100

175 50.8 37.8 56.8

254 10.0 7.8 11.6

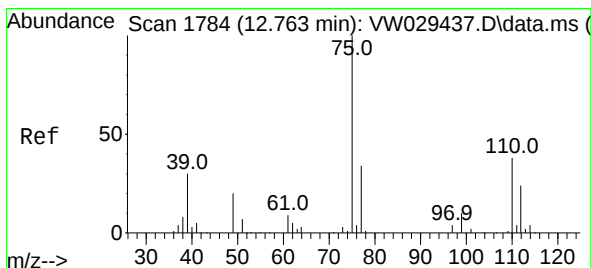
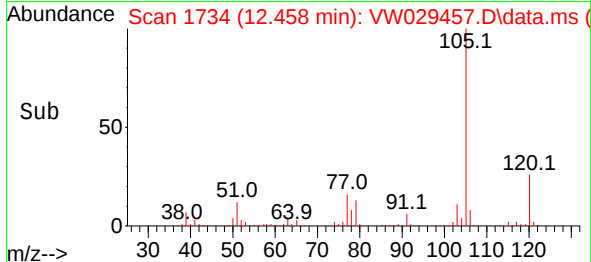
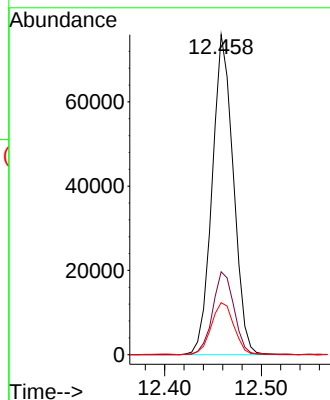
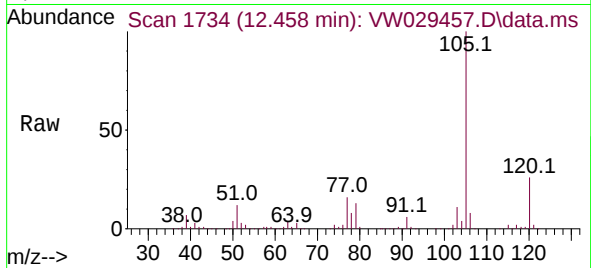




#60
Isopropylbenzene
Concen: 25.595 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

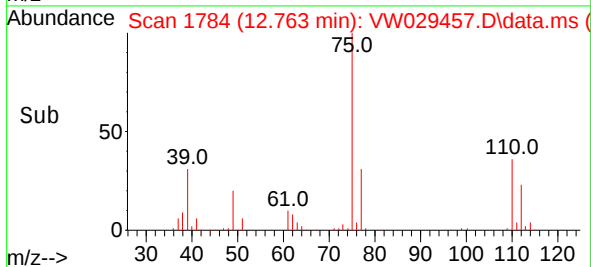
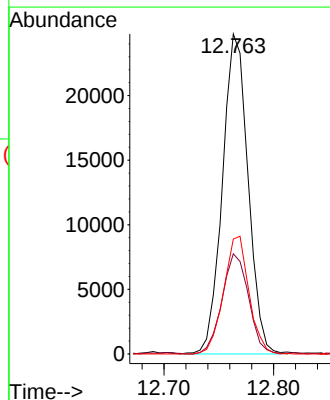
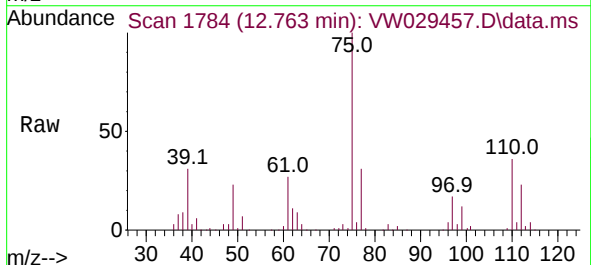
Instrument :
MSVOA_W
ClientSampleId :

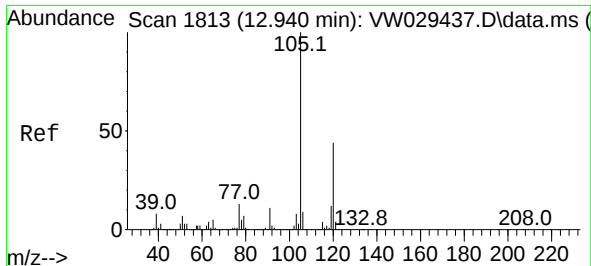
Tgt Ion:105 Resp: 115588
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 17.4 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 54.485 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

Tgt Ion: 75 Resp: 40279
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 36.2 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 19.327 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

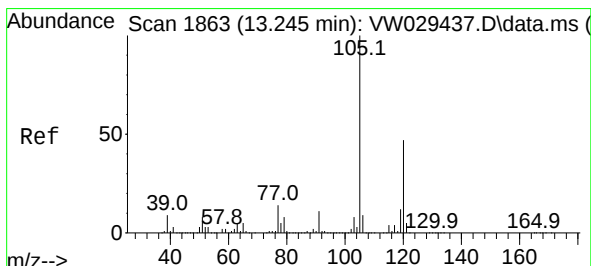
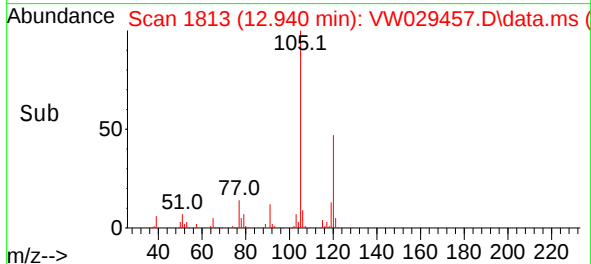
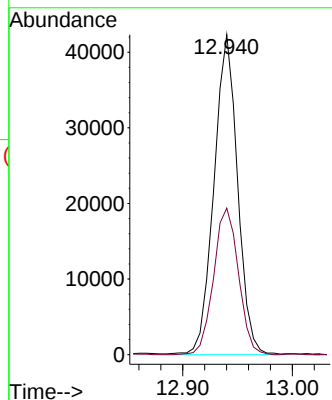
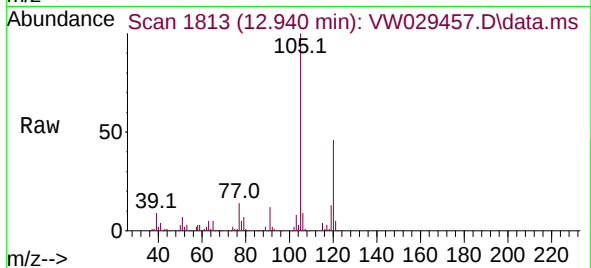
ClientSampleId :

Tgt Ion:105 Resp: 63214

Ion Ratio Lower Upper

105 100

120 48.2 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 18.574 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029457.D

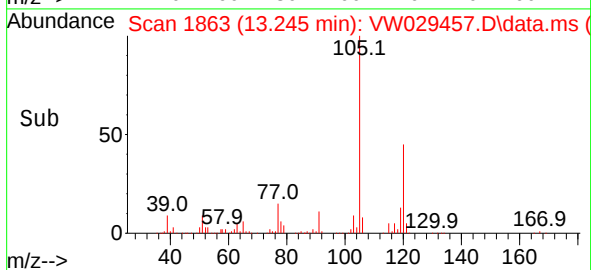
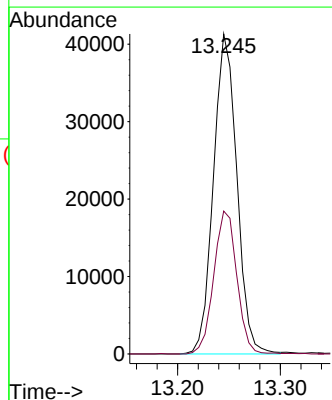
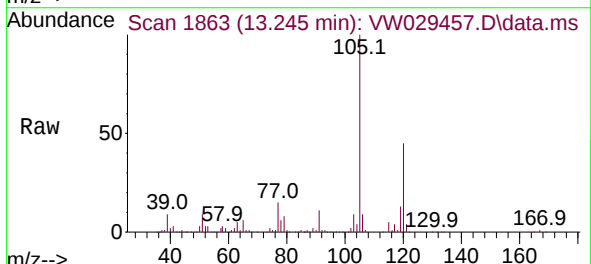
Acq: 02 Jul 2024 20:18

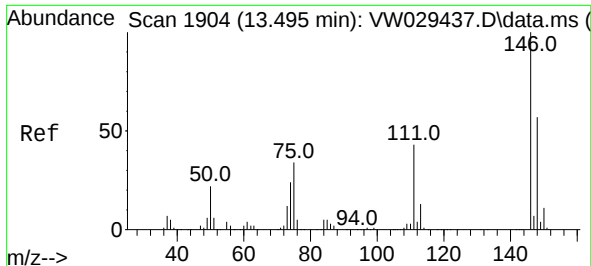
Tgt Ion:105 Resp: 65364

Ion Ratio Lower Upper

105 100

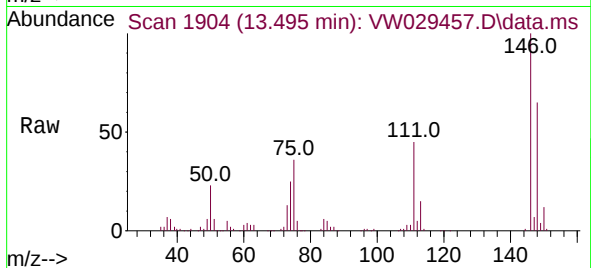
120 43.9 34.9 52.3



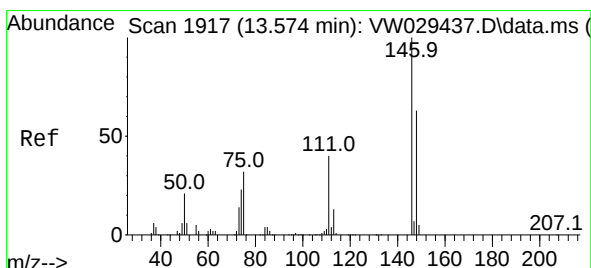
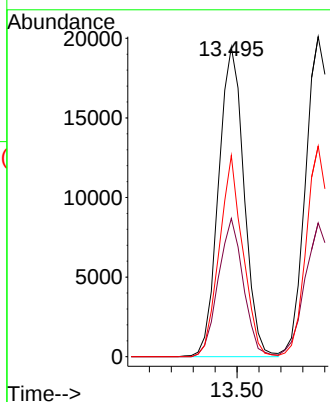
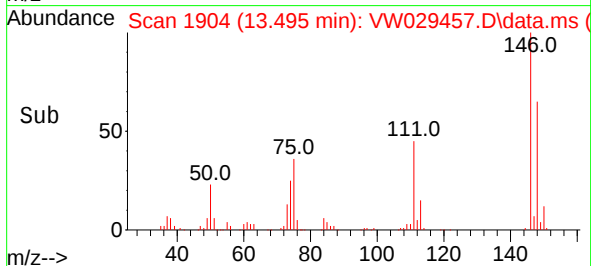


#64
1,3-Dichlorobenzene
Concen: 16.067 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

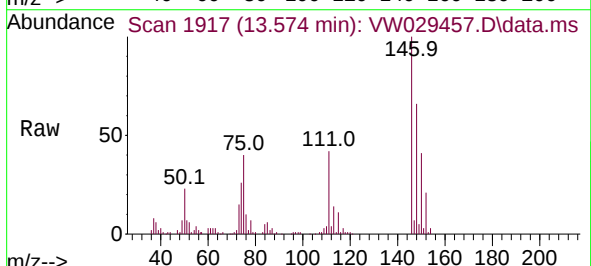
Instrument :
MSVOA_W
ClientSampleId :



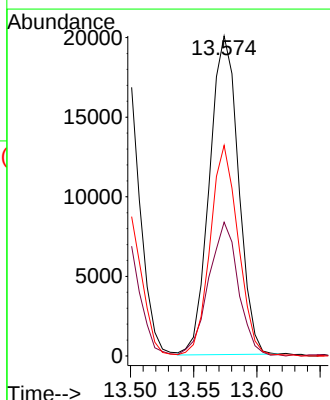
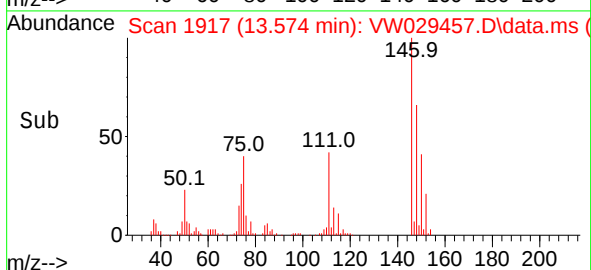
Tgt Ion:146 Resp: 31400
Ion Ratio Lower Upper
146 100
111 44.7 33.0 61.2
148 65.0 47.5 88.1

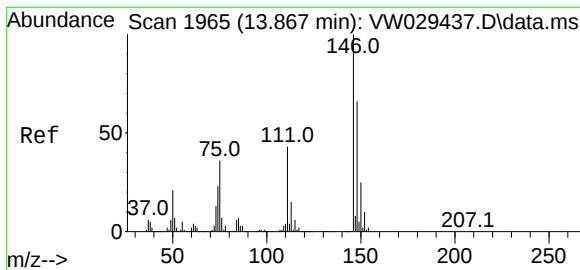


#65
1,4-Dichlorobenzene
Concen: 15.326 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18



Tgt Ion:146 Resp: 31868
Ion Ratio Lower Upper
146 100
111 41.8 28.9 53.7
148 65.8 42.0 78.0

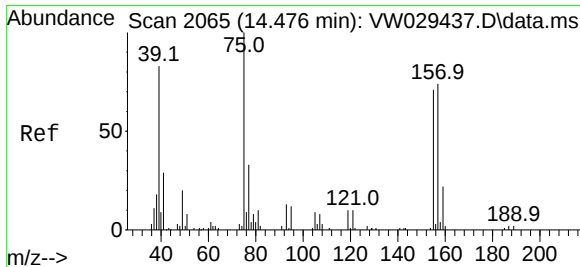
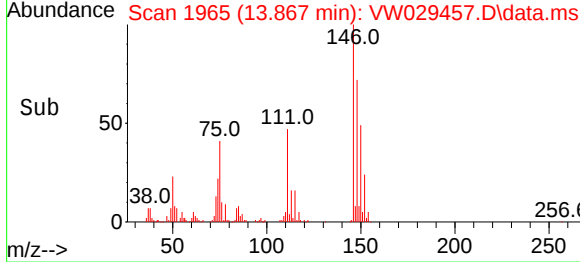
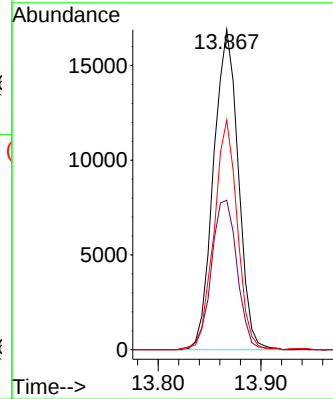
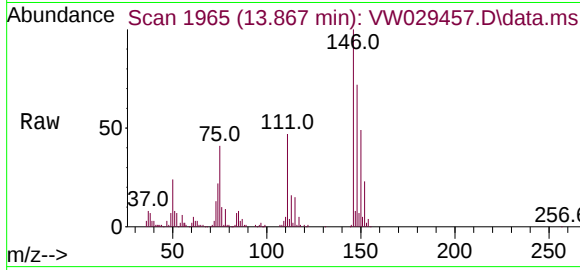




#67
1,2-Dichlorobenzene
Concen: 15.640 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

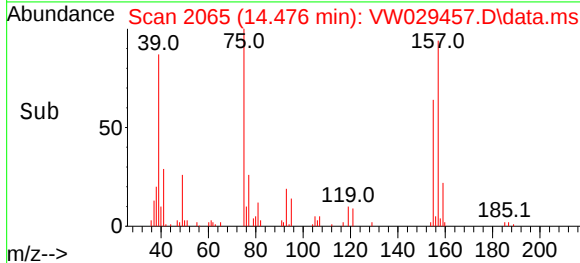
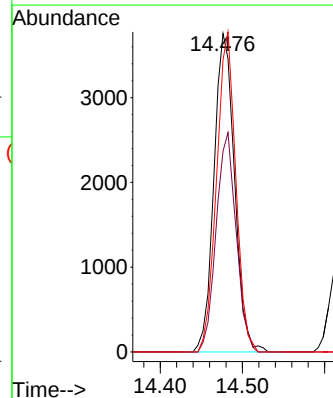
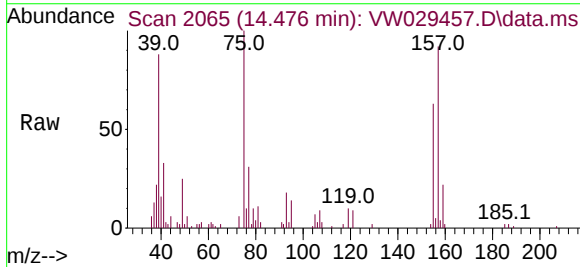
Instrument :
MSVOA_W
ClientSampleId :

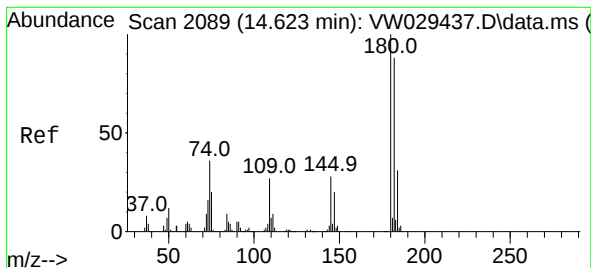
Tgt Ion:146 Resp: 28258
Ion Ratio Lower Upper
146 100
111 46.7 34.2 51.4
148 71.7 46.3 69.5#



#68
1,2-Dibromo-3-chloropropane
Concen: 37.741 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029457.D
Acq: 02 Jul 2024 20:18

Tgt Ion: 75 Resp: 6511
Ion Ratio Lower Upper
75 100
155 63.1 51.0 76.6
157 91.8 58.8 88.2#





#69

1,3,5-Trichlorobenzene

Concen: 8.301 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 10949

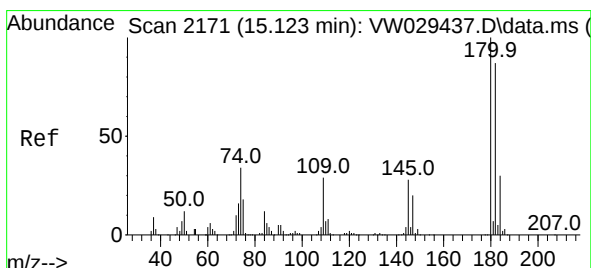
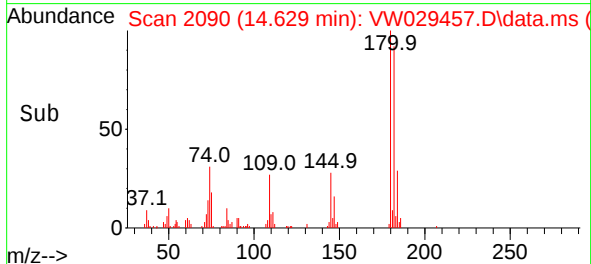
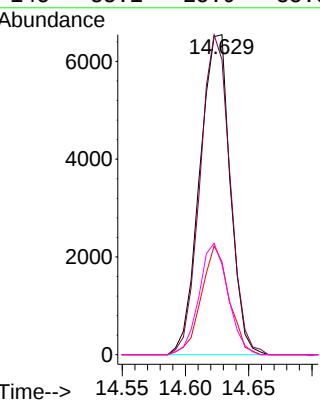
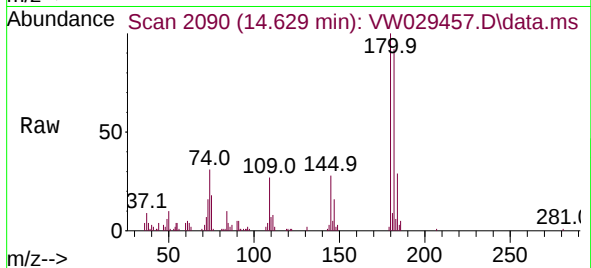
Ion Ratio Lower Upper

180 100

182 97.9 72.9 109.3

184 31.1 23.8 35.6

145 33.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 6.900 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

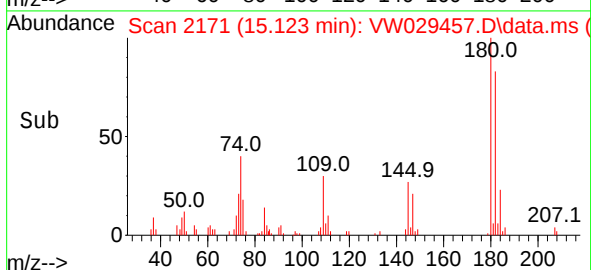
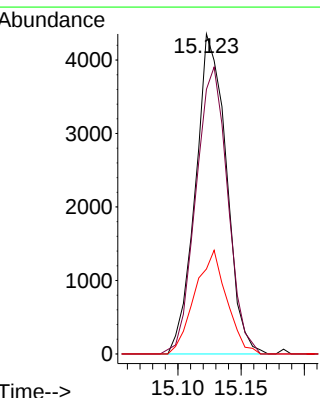
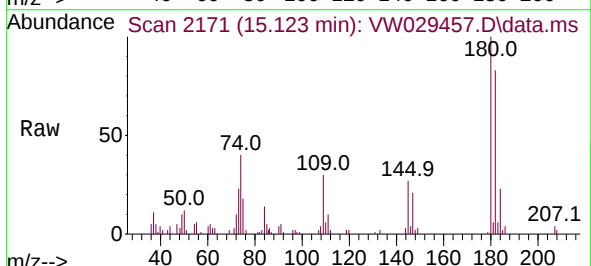
Tgt Ion:180 Resp: 7378

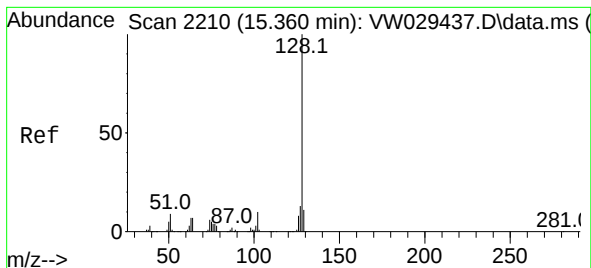
Ion Ratio Lower Upper

180 100

182 92.2 77.7 116.5

145 33.4 25.7 38.5





#71

Naphthalene

Concen: 10.300 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min MSVOA_W

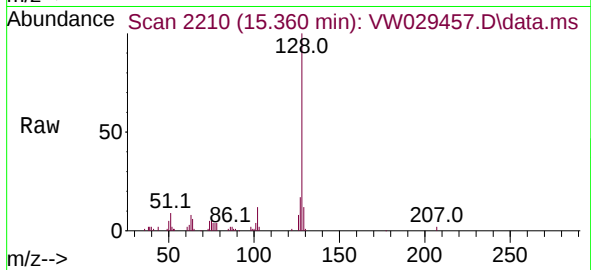
Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Instrument :

MSVOA_W

ClientSampleId :



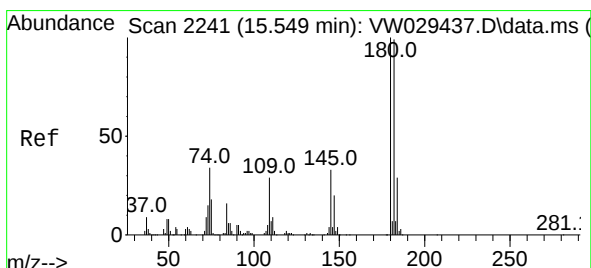
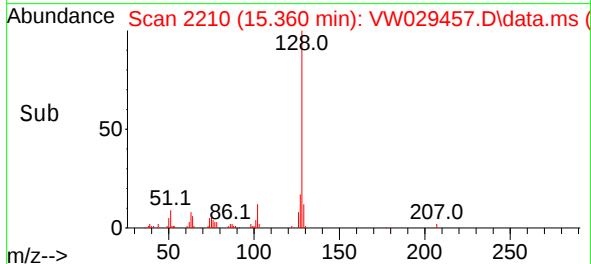
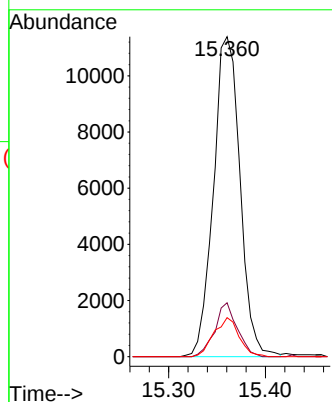
Tgt Ion:128 Resp: 21736

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 11.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 6.439 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029457.D

Acq: 02 Jul 2024 20:18

Tgt Ion:180 Resp: 6273

Ion Ratio Lower Upper

180 100

182 97.1 73.0 109.6

145 35.3 28.1 42.1

