

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029045.D
 Acq On : 06 Jun 2024 18:08
 Operator : SY/MD
 Sample : P2696-09REMS
 Misc : 5.18g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 07 00:27:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	391228	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	279446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	70416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	149086	23.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.960%
7) Chloroethane-d5	2.893	69	115565	24.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.840%
11) 1,1-Dichloroethene-d2	4.015	65	61612	22.554	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.200%
21) 2-Butanone-d5	7.075	46	68736	54.129	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.260%
24) Chloroform-d	7.648	84	269465	24.143	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.560%
26) 1,2-Dichloroethane-d4	8.307	65	152384	25.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.720%
32) Benzene-d6	8.276	84	521034	30.378	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.520%
36) 1,2-Dichloropropane-d6	9.270	67	163153	31.373	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.480%#
41) Toluene-d8	10.319	98	396235	25.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	10.575	79	49871	24.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.922	63	48070	70.047	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.100%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98033	27.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	51015	20.416	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	127518	23.364	ug/L	99
5) Vinyl chloride	2.369	62	146161	22.124	ug/L	98
6) Bromomethane	2.789	94	75713	19.127	ug/L	99
8) Chloroethane	2.930	64	93660	23.475	ug/L	100
9) Trichlorofluoromethane	3.265	101	117576	21.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	99703	18.400	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	110038	22.251	ug/L	93
13) Acetone	4.118	43	46367	34.843	ug/L	98
14) Carbon disulfide	4.387	76	305946	18.274	ug/L	100
15) Methyl Acetate	4.673	43	50975	23.063	ug/L	98
16) Methylene chloride	4.917	84	140369	23.906	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	122160	22.657	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	216667	28.817	ug/L	99
19) 1,1-Dichloroethane	6.216	63	257968	24.336	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	134554	23.804	ug/L	97
22) 2-Butanone	7.167	43	83549	52.102	ug/L	98
23) Bromochloromethane	7.514	128	59611	24.159	ug/L	92
25) Chloroform	7.673	83	244031	23.702	ug/L	99
27) 1,2-Dichloroethane	8.398	62	176070	25.519	ug/L	98

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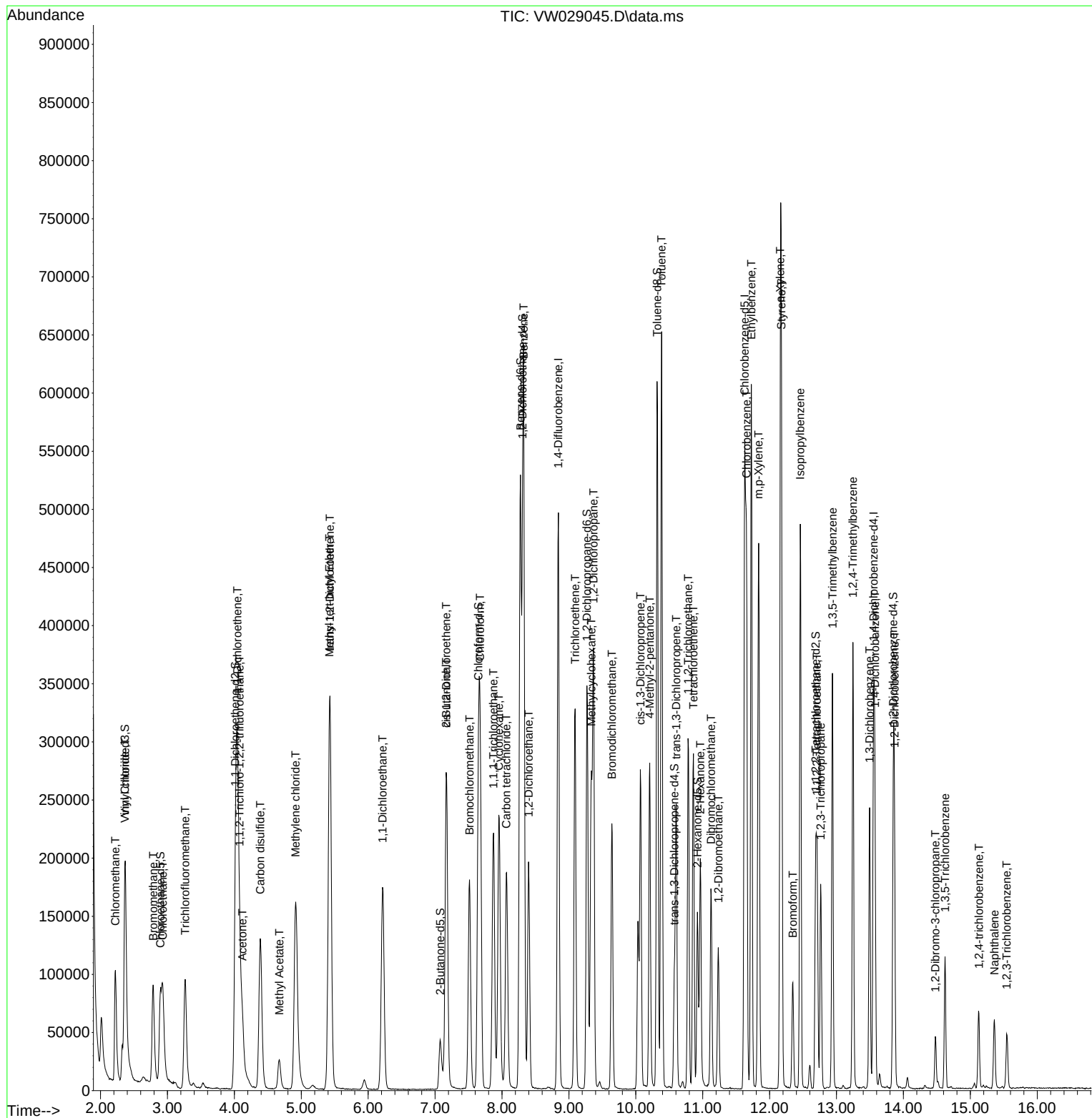
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	133189	19.170	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	178471	27.564	ug/L	100
31) Carbon tetrachloride	8.063	117	142334	24.134	ug/L	98
33) Benzene	8.325	78	518382	29.833	ug/L	100
34) Trichloroethene	9.093	95	117472	25.715	ug/L	91
35) Methylcyclohexane	9.337	83	99362	12.822	ug/L	100
37) 1,2-Dichloropropane	9.368	63	137533	30.226	ug/L	100
38) Bromodichloromethane	9.642	83	155148	27.958	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	160042	24.202	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	191357	82.680	ug/L	99
42) Toluene	10.386	91	459808	25.904	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	134181	25.170	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	92436	30.079	ug/L	99
46) Tetrachloroethene	10.861	164	64635	18.623	ug/L	90
48) 2-Hexanone	10.965	43	134215	77.347	ug/L	97
49) Dibromochloromethane	11.123	129	87175	26.858	ug/L	91
50) 1,2-Dibromoethane	11.233	107	81197	28.944	ug/L	99
51) Chlorobenzene	11.654	112	228392	20.030	ug/L	96
52) Ethylbenzene	11.727	91	403887	20.026	ug/L	96
53) m,p-Xylene	11.837	106	145993	19.544	ug/L	94
54) o-Xylene	12.160	106	138036	19.956	ug/L	100
55) Styrene	12.178	104	214257	17.967	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	89181	25.707	ug/L	99
59) Bromoform	12.349	173	40804	45.064	ug/L	96
60) Isopropylbenzene	12.458	105	296963	29.799	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73755	55.528	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	184133	25.404	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	192103	25.079	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	88683	20.708	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	92064	20.583	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	79499	20.712	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11861	41.896	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	32876	11.181	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	19633	8.238	ug/L	98
71) Naphthalene	15.360	128	49941	12.299	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	14607	7.174	ug/L	94

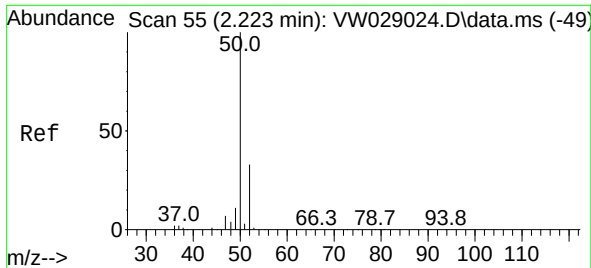
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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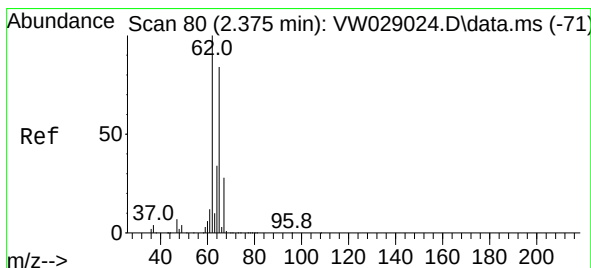
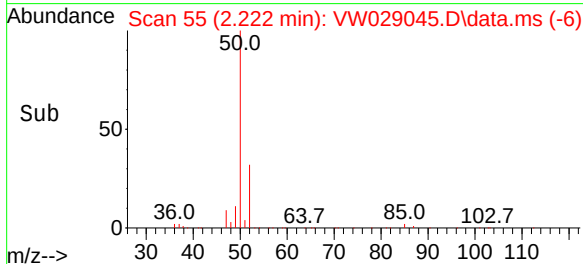
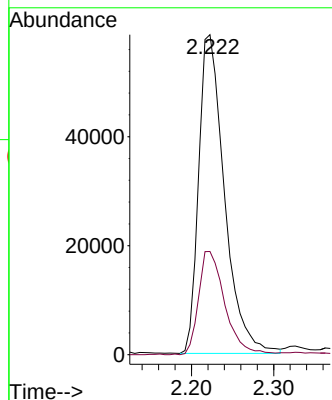
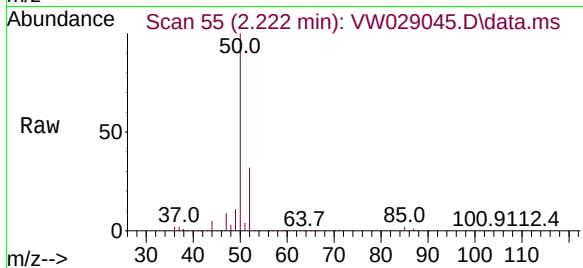




#3
Chloromethane
Concen: 23.364 ug/L
RT: 2.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

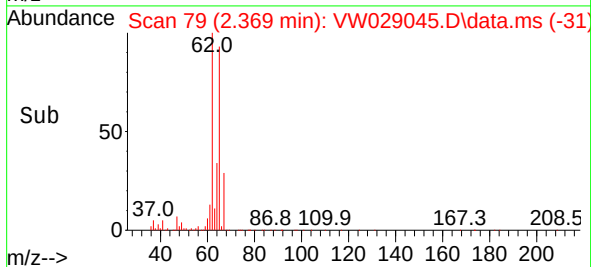
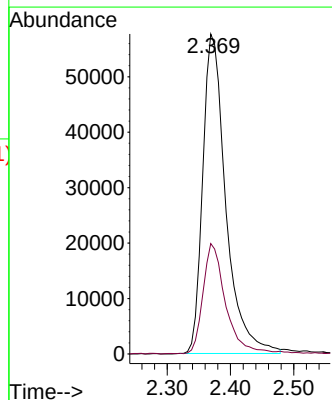
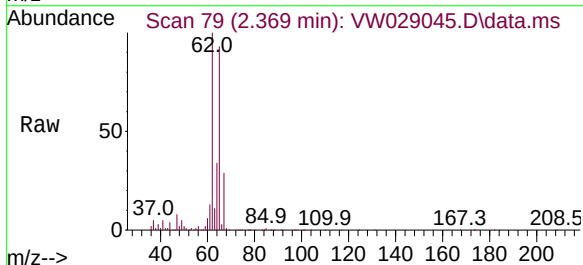
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MSVOA_W
ClientSampleId :

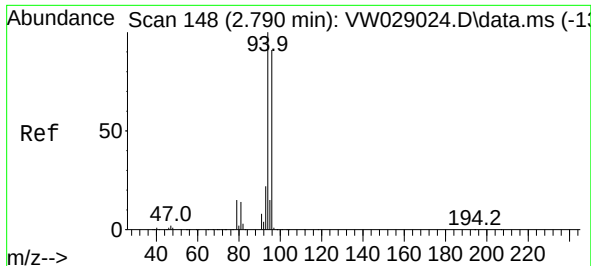
Tgt Ion: 50 Resp: 127518
Ion Ratio Lower Upper
50 100
52 32.2 22.1 41.1



#5
Vinyl chloride
Concen: 22.124 ug/L
RT: 2.369 min Scan# 79
Delta R.T. -0.006 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

Tgt Ion: 62 Resp: 146161
Ion Ratio Lower Upper
62 100
64 34.5 23.4 43.4

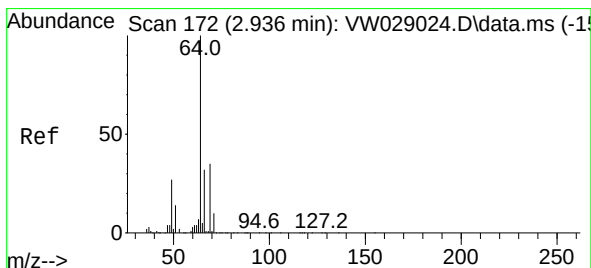
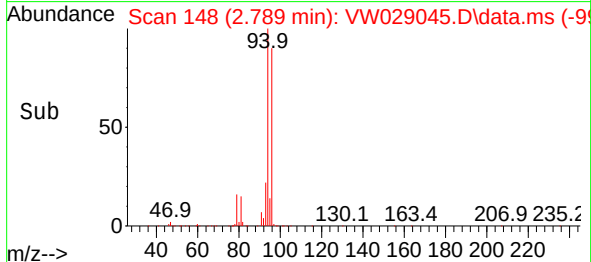
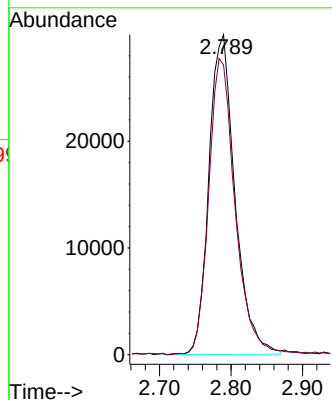
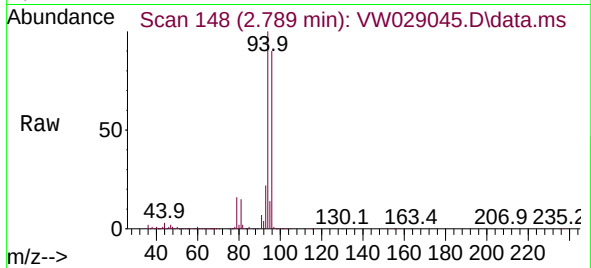




#6
Bromomethane
Concen: 19.127 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

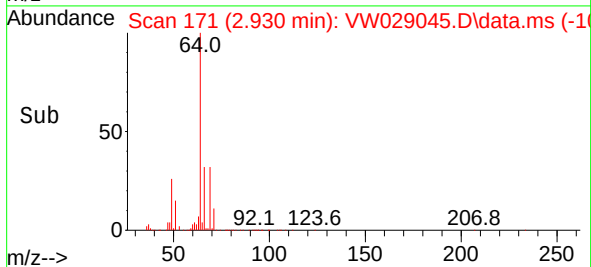
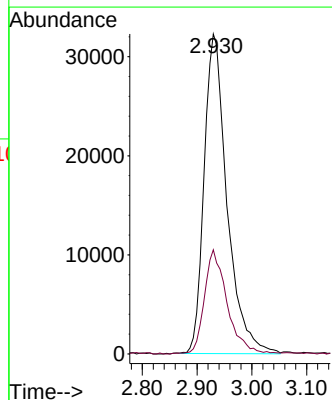
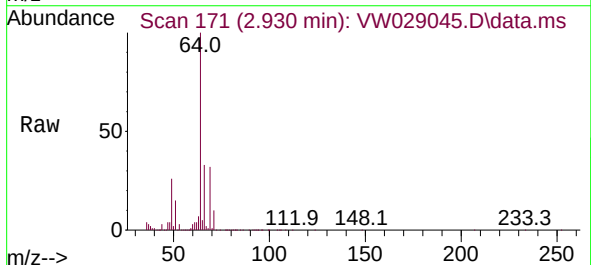
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MSVOA_W
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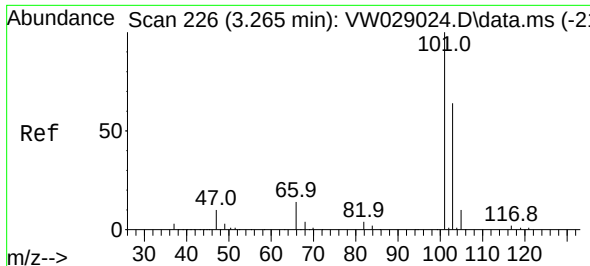
Tgt Ion: 94 Resp: 75713
Ion Ratio Lower Upper
94 100
96 90.5 63.7 118.3



#8
Chloroethane
Concen: 23.475 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

Tgt Ion: 64 Resp: 93660
Ion Ratio Lower Upper
64 100
66 32.5 22.9 42.5

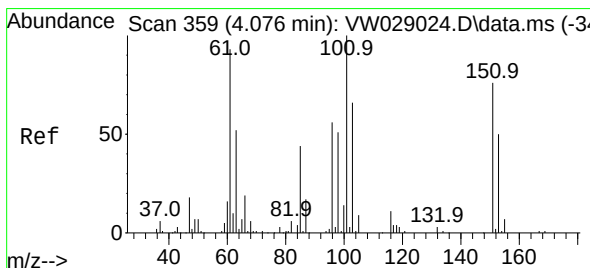
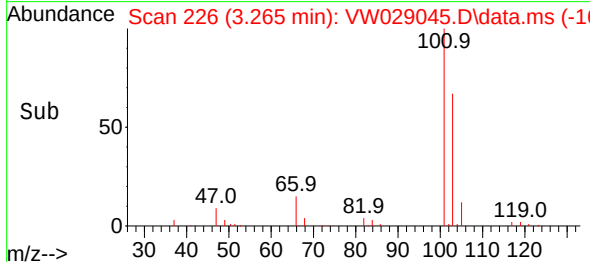
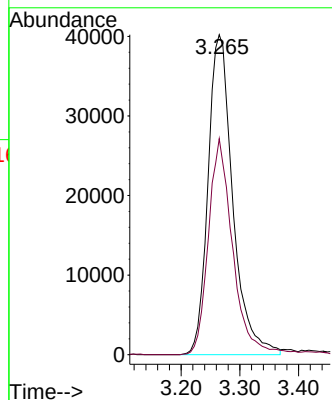
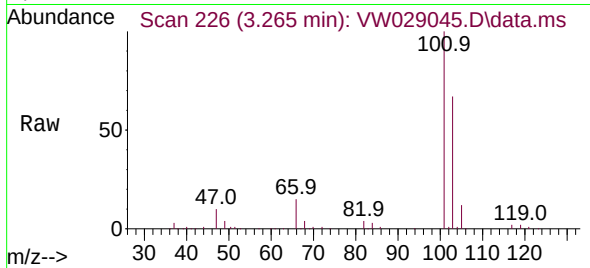




#9
 Trichlorofluoromethane
 Concen: 21.410 ug/L
 RT: 3.265 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029045.D
 Acq: 06 Jun 2024 18:08

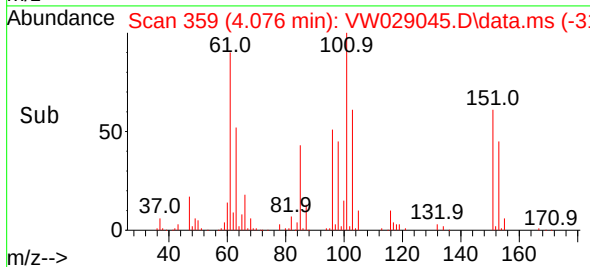
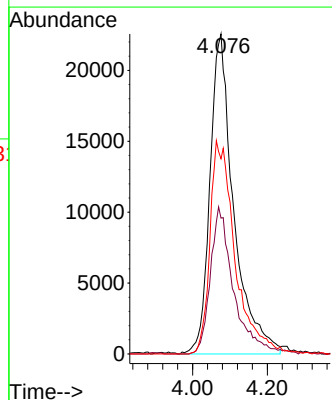
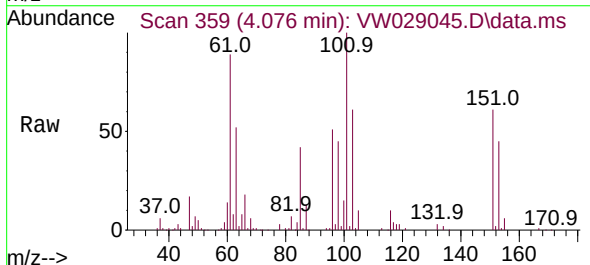
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 MSVOA_W
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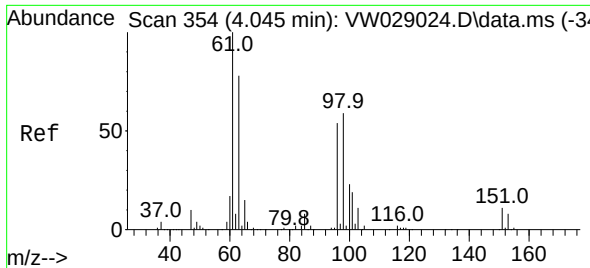
Tgt Ion:101 Resp: 117576
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.400 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW029045.D
 Acq: 06 Jun 2024 18:08

Tgt Ion:101 Resp: 99703
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.8 53.8
 151 31.7 58.5 87.7#





#12

1,1-Dichloroethene

Concen: 22.251 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

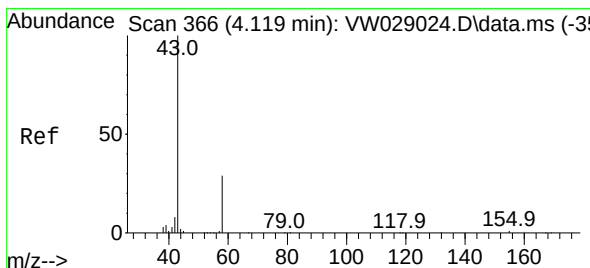
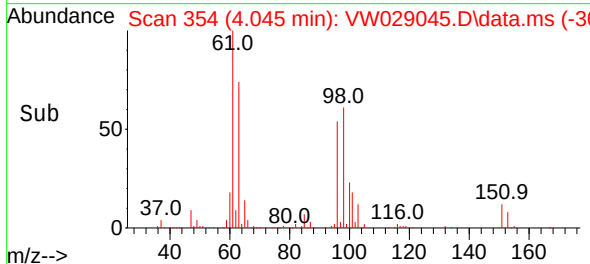
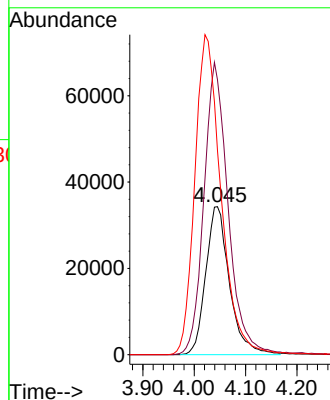
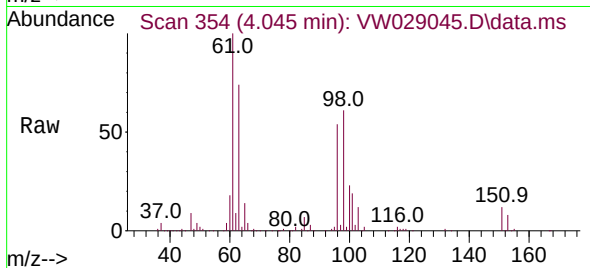
Tgt Ion: 96 Resp: 110038

Ion Ratio Lower Upper

96 100

61 185.6 132.2 245.4

63 137.9 108.4 201.2



#13

Acetone

Concen: 34.843 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW029045.D

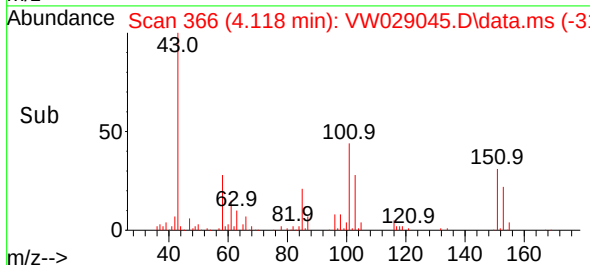
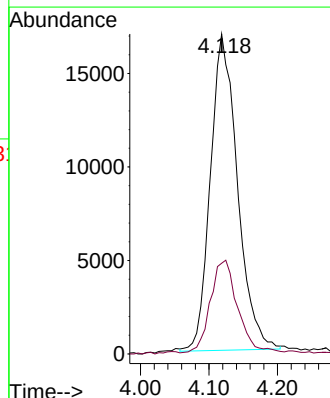
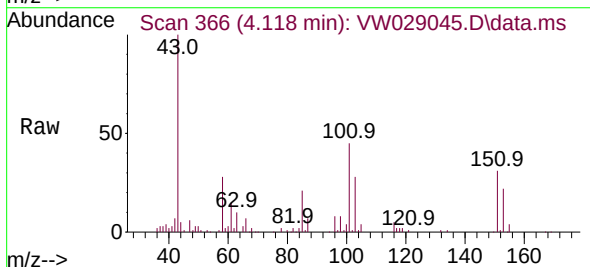
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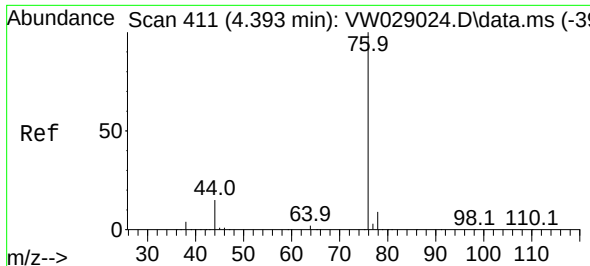
Tgt Ion: 43 Resp: 46367

Ion Ratio Lower Upper

43 100

58 30.6 0.0 59.4

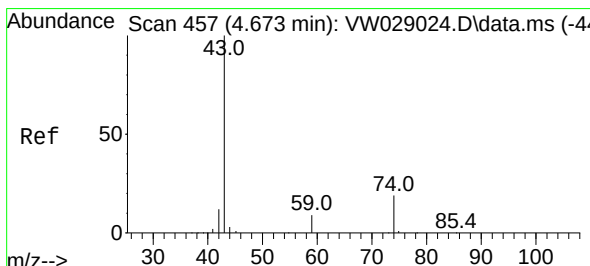
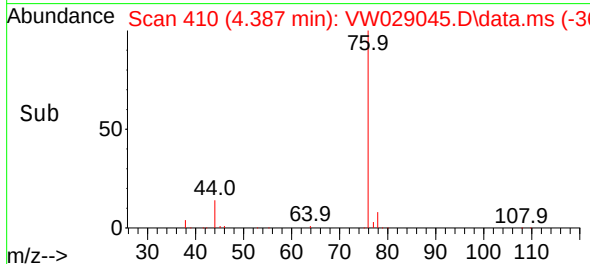
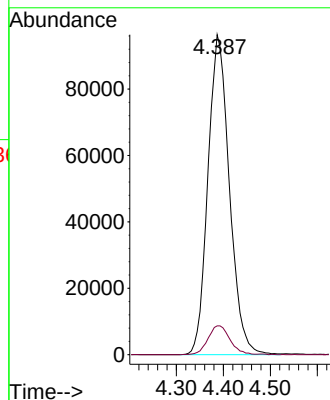
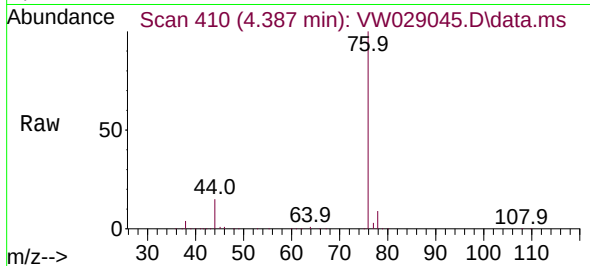




#14
Carbon disulfide
Concen: 18.274 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

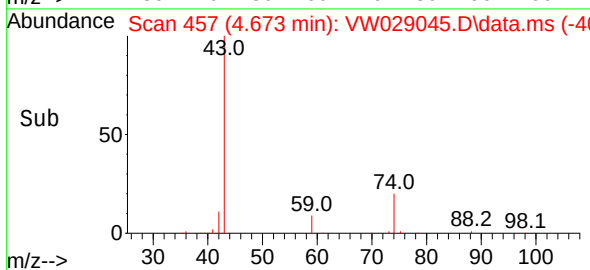
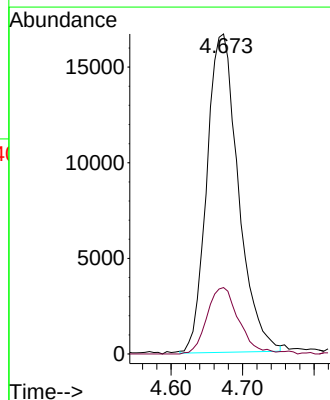
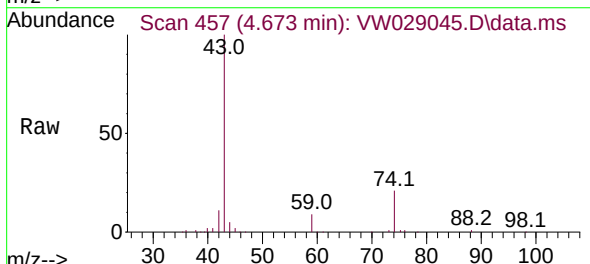
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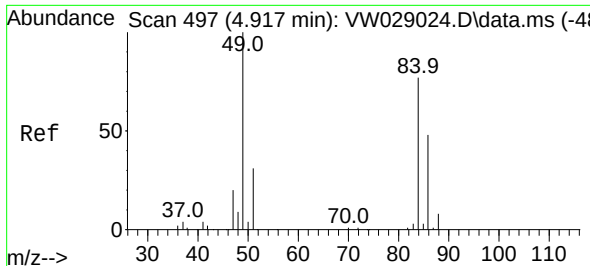
Tgt Ion: 76 Resp: 305946
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#15
Methyl Acetate
Concen: 23.063 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 50975
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.2

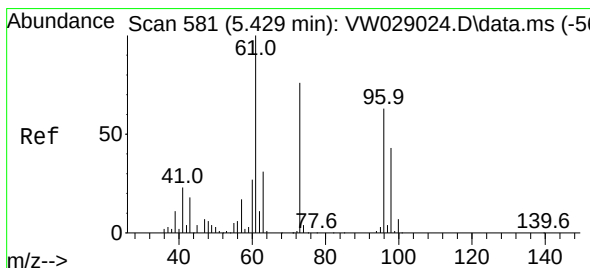
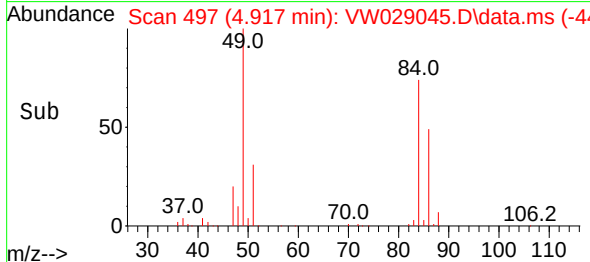
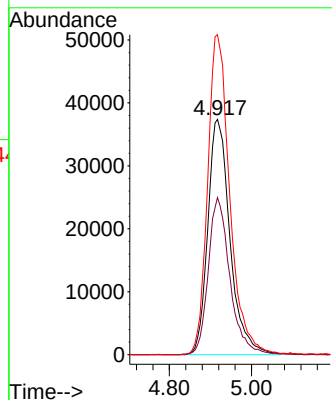
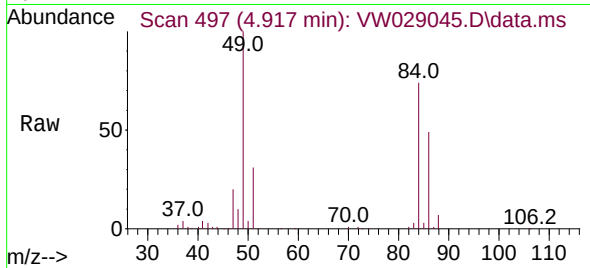




#16
Methylene chloride
Concen: 23.906 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

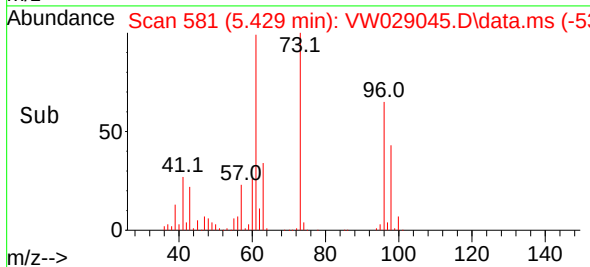
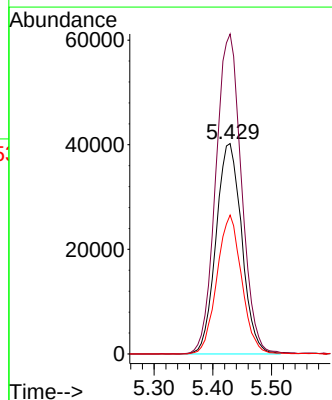
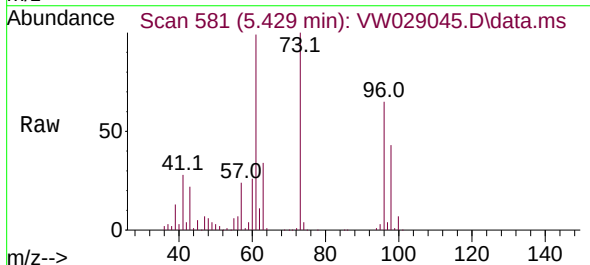
Instrument :
MSVOA_W
ClientSampleId :

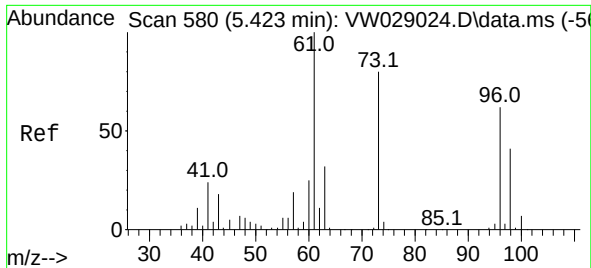
Tgt Ion: 84 Resp: 140369
Ion Ratio Lower Upper
84 100
86 66.7 43.8 81.4
49 136.0 91.3 169.5



#17
trans-1,2-Dichloroethene
Concen: 22.657 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

Tgt Ion: 96 Resp: 122160
Ion Ratio Lower Upper
96 100
61 152.1 104.6 194.2
98 66.0 44.0 81.8

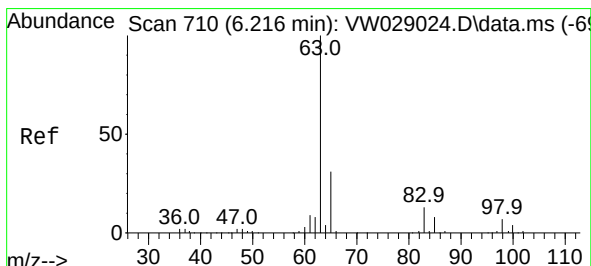
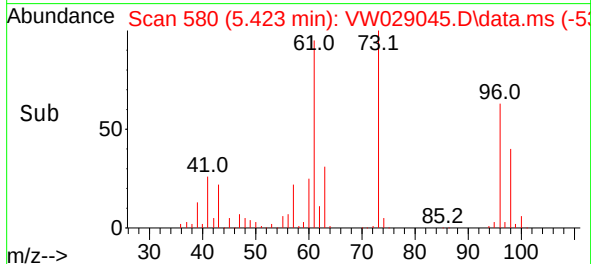
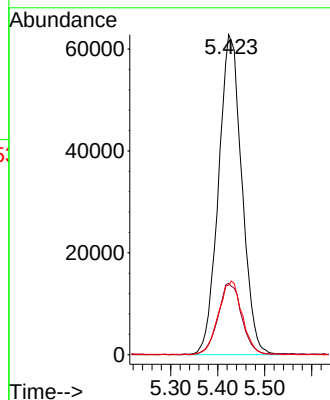
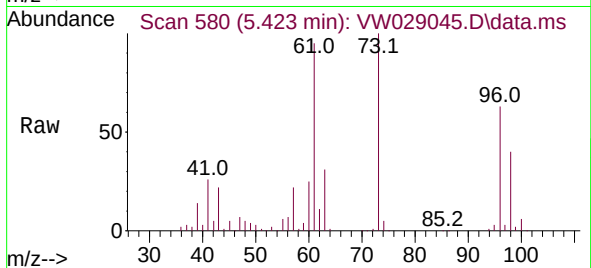




#18
Methyl tert-butyl Ether
Concen: 28.817 ug/L
RT: 5.423 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

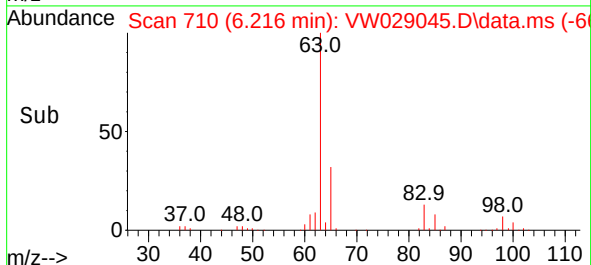
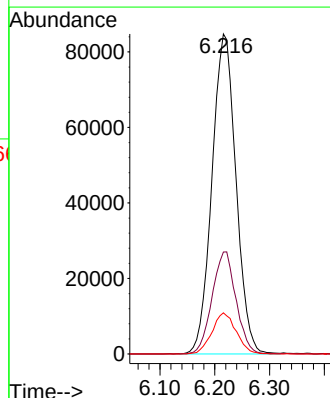
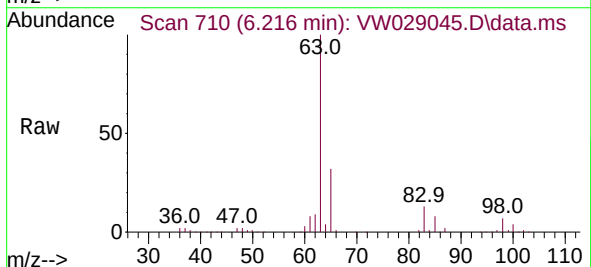
Instrument :
MSVOA_W
ClientSampleId :

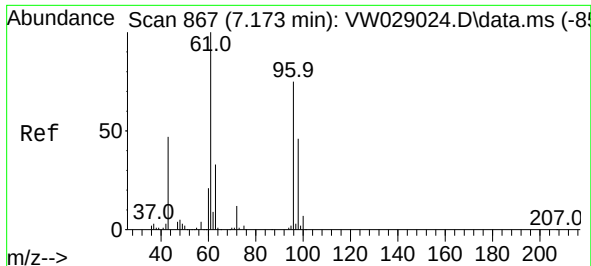
Tgt Ion: 73 Resp: 216667
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6
57 23.3 18.4 27.6



#19
1,1-Dichloroethane
Concen: 24.336 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

Tgt Ion: 63 Resp: 257968
Ion Ratio Lower Upper
63 100
65 31.9 21.8 40.6
83 12.9 8.8 16.3

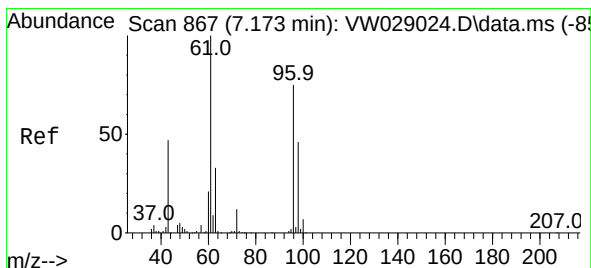
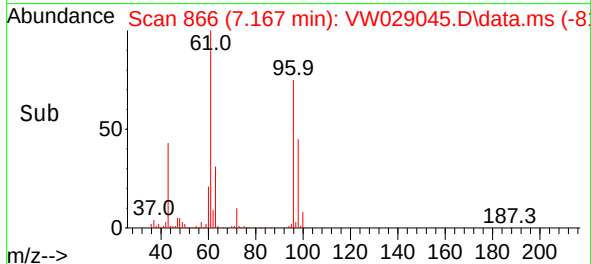
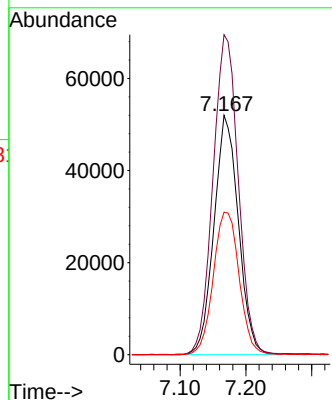
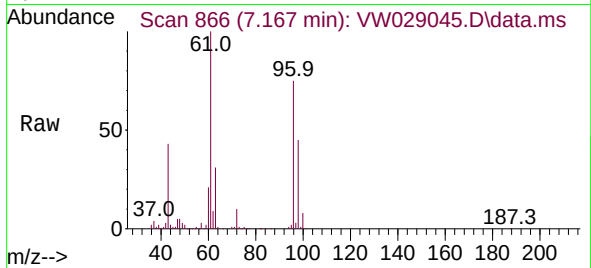




#20
cis-1,2-Dichloroethene
Concen: 23.804 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

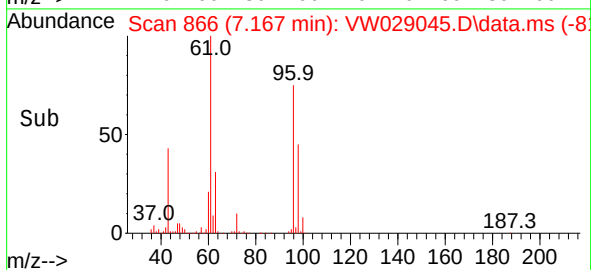
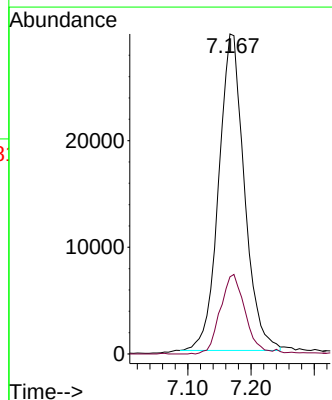
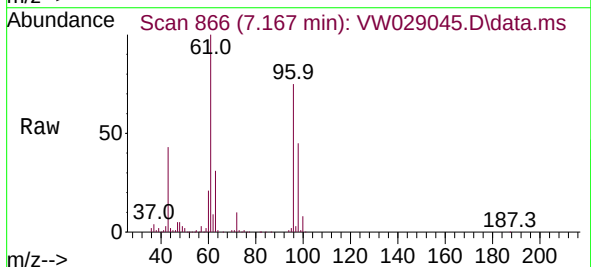
Instrument :
MSVOA_W
ClientSampleId :

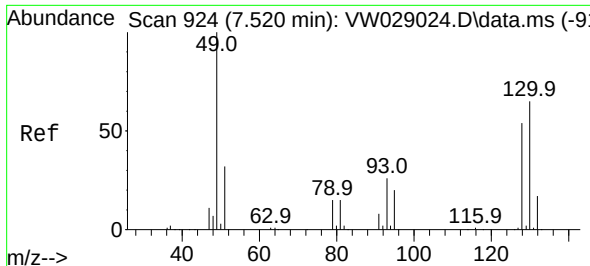
Tgt Ion: 96 Resp: 134554
Ion Ratio Lower Upper
96 100
61 133.7 92.9 172.5
98 59.6 45.2 84.0



#22
2-Butanone
Concen: 52.102 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

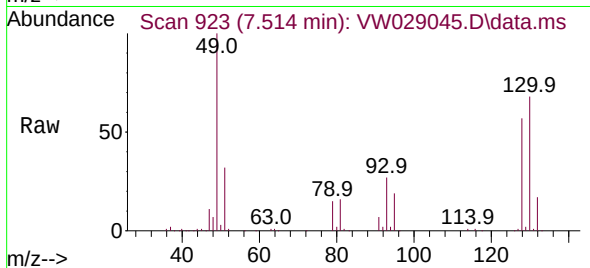
Tgt Ion: 43 Resp: 83549
Ion Ratio Lower Upper
43 100
72 24.2 12.5 37.5



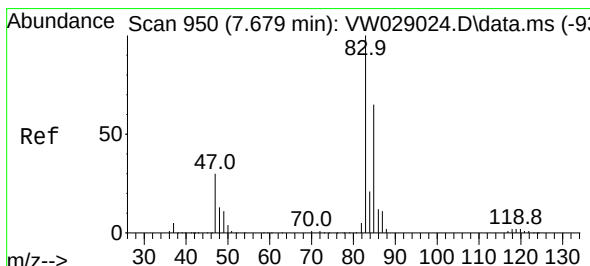
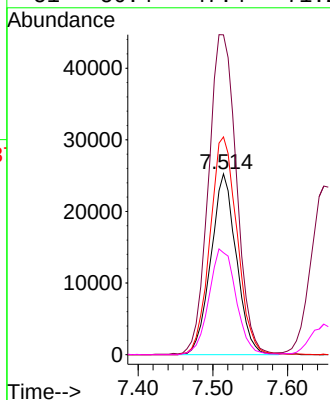
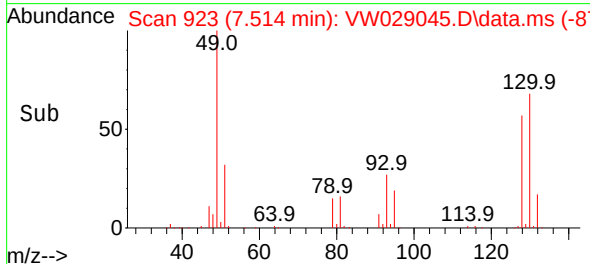


#23
Bromochloromethane
Concen: 24.159 ug/L
RT: 7.514 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

Instrument :
MSVOA_W
ClientSampleId :

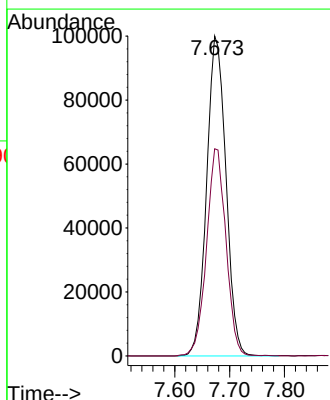
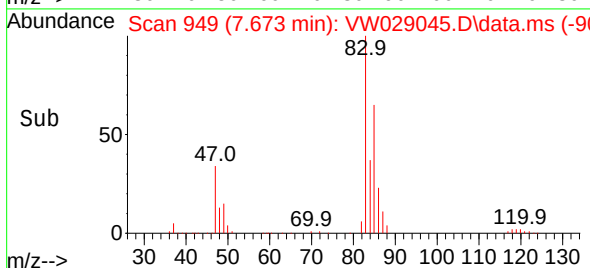
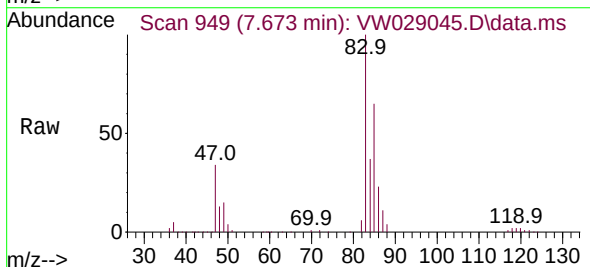


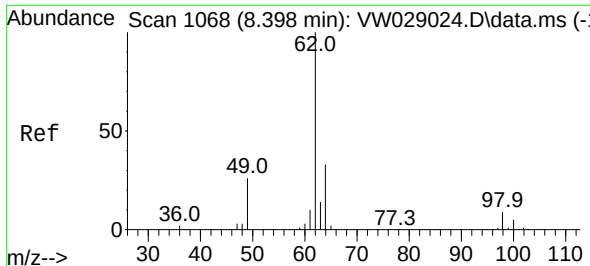
Tgt Ion:128 Resp: 59611
Ion Ratio Lower Upper
128 100
49 176.9 135.9 252.3
130 120.4 89.0 165.2
51 56.4 47.4 71.2



#25
Chloroform
Concen: 23.702 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

Tgt Ion: 83 Resp: 244031
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.2





#27

1,2-Dichloroethane

Concen: 25.519 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

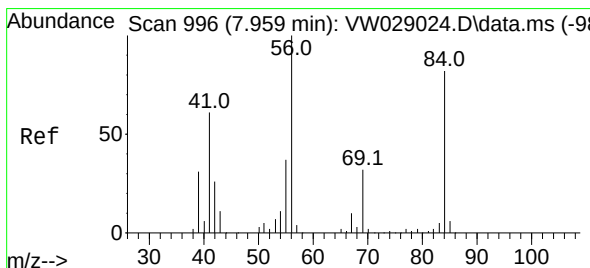
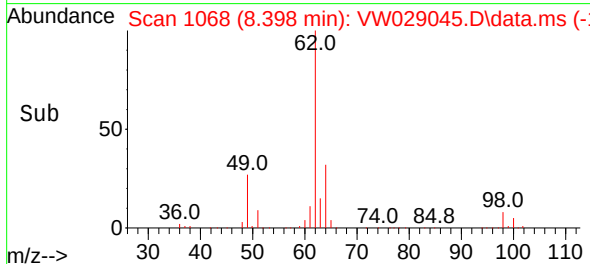
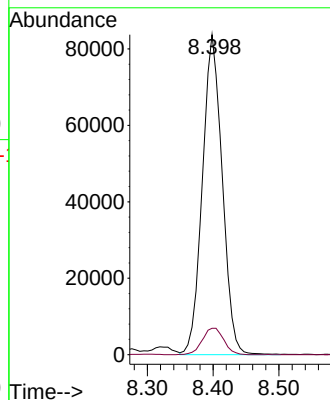
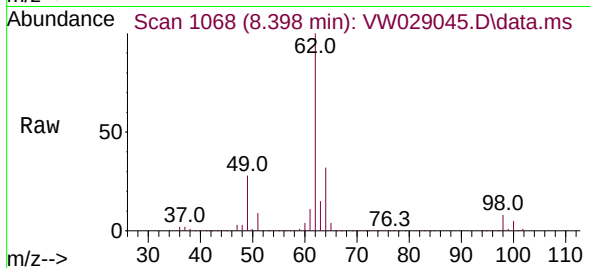
ClientSampleId :

Tgt Ion: 62 Resp: 176070

Ion Ratio Lower Upper

62 100

98 8.2 7.1 10.7



#29

Cyclohexane

Concen: 19.170 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

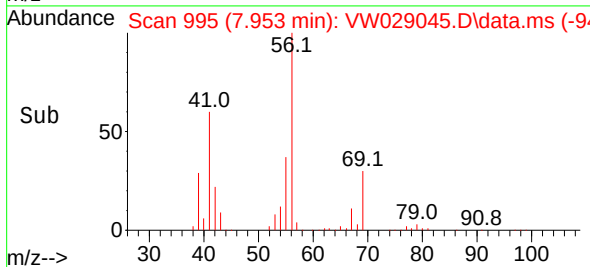
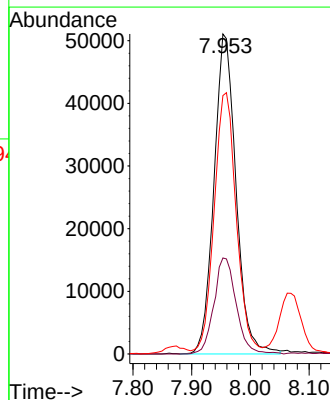
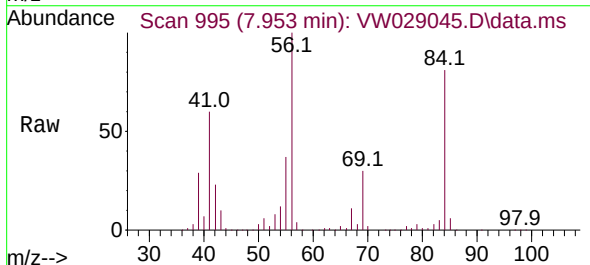
Tgt Ion: 56 Resp: 133189

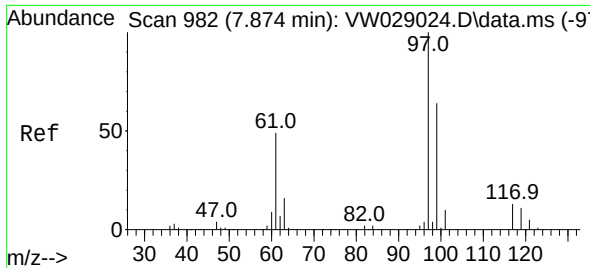
Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 81.9 65.4 98.2





#30

1,1,1-Trichloroethane

Concen: 27.564 ug/L

RT: 7.874 min Scan# 9

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

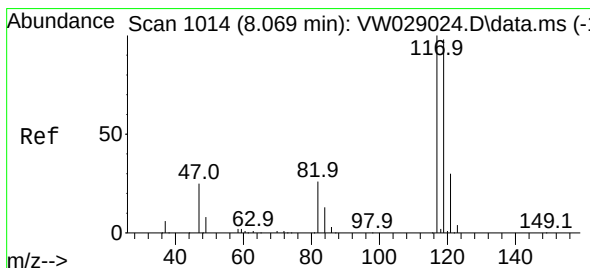
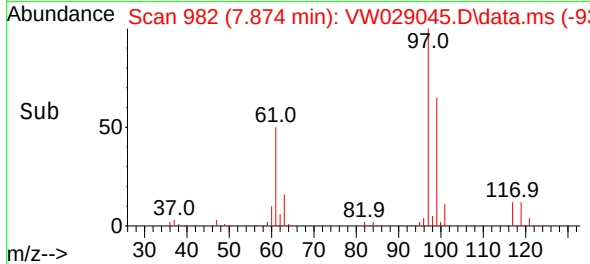
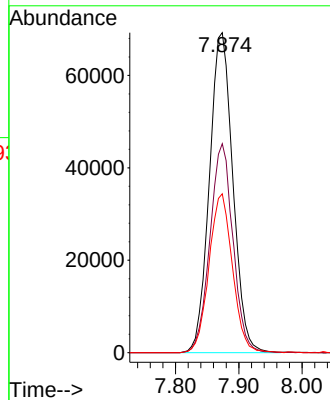
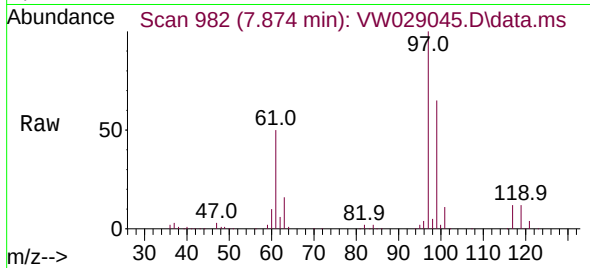
Tgt Ion: 97 Resp: 178471

Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 49.8 39.6 59.4



#31

Carbon tetrachloride

Concen: 24.134 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW029045.D

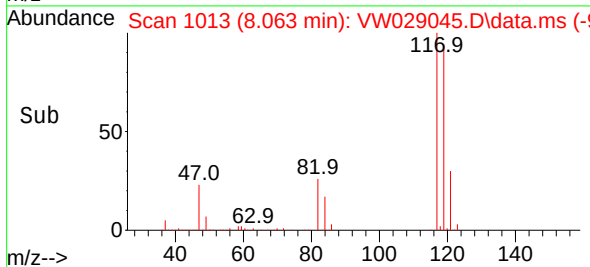
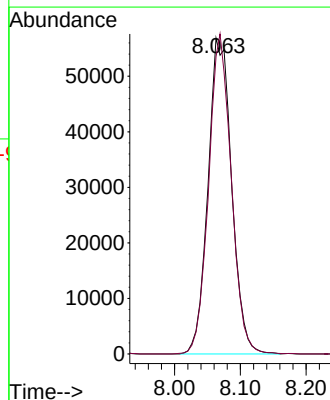
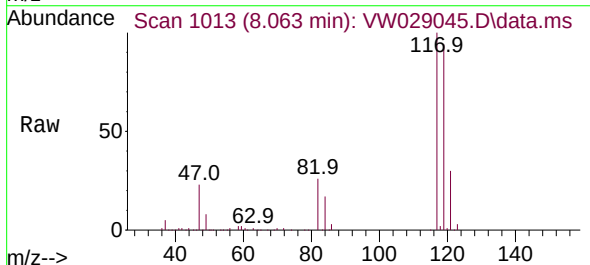
Acq: 06 Jun 2024 18:08

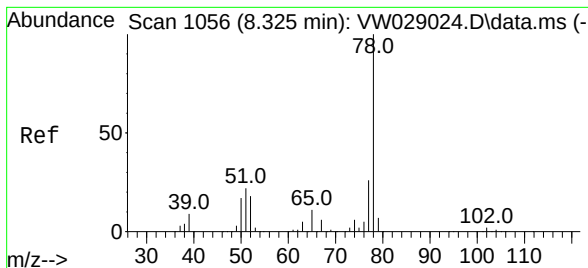
Tgt Ion: 117 Resp: 142334

Ion Ratio Lower Upper

117 100

119 96.8 78.8 118.2





#33

Benzene

Concen: 29.833 ug/L

RT: 8.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029045.D

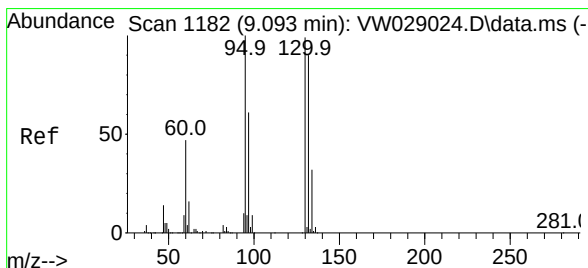
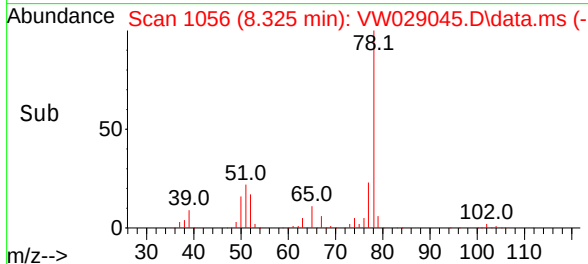
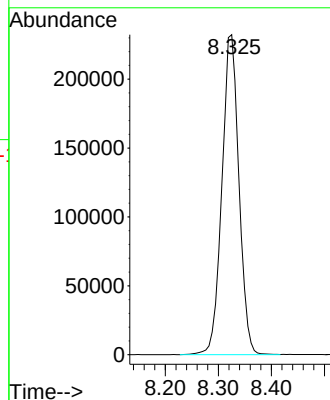
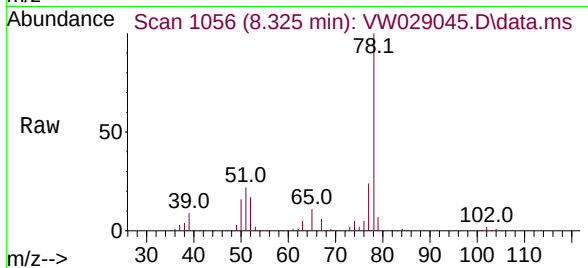
Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 518382



#34

Trichloroethene

Concen: 25.715 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Tgt Ion: 95 Resp: 117472

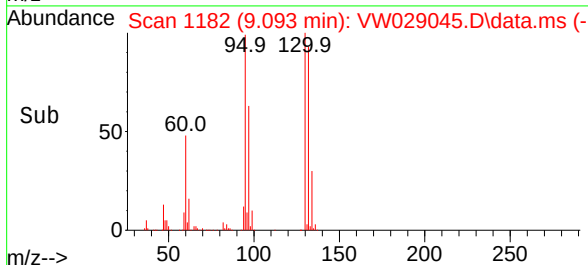
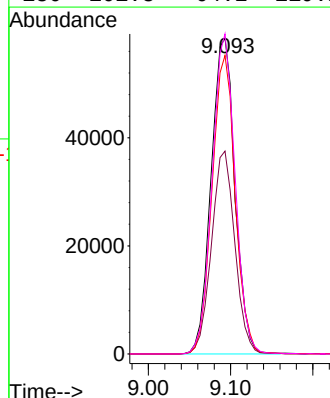
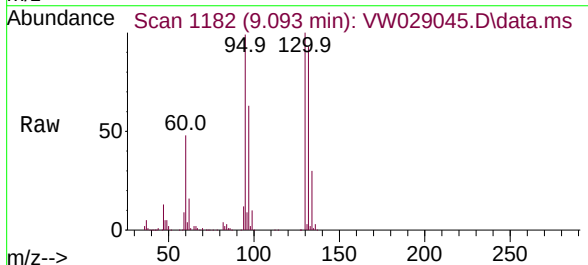
Ion Ratio Lower Upper

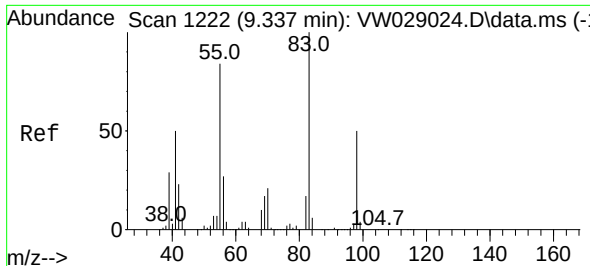
95 100

97 64.2 41.9 77.7

132 94.5 60.1 111.5

130 101.3 64.2 119.2





#35

Methylcyclohexane

Concen: 12.822 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

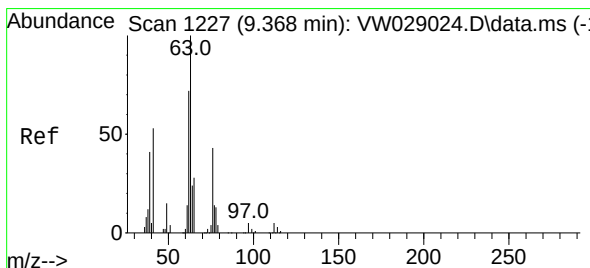
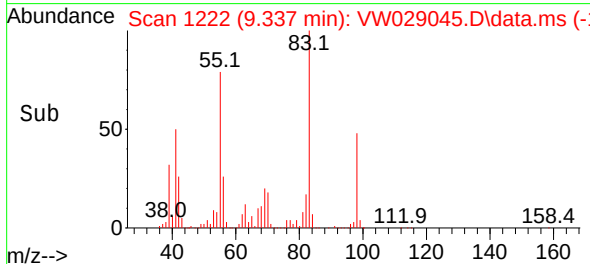
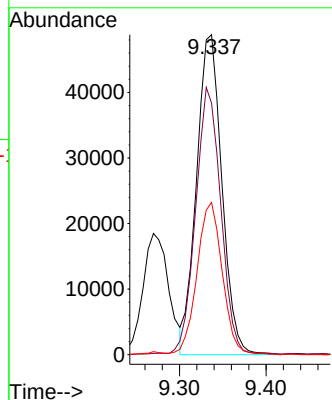
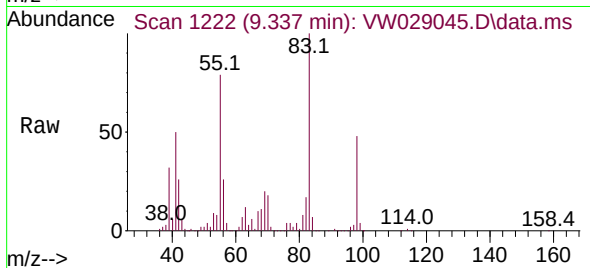
Tgt Ion: 83 Resp: 99362

Ion Ratio Lower Upper

83 100

55 82.0 65.8 98.6

98 47.5 38.4 57.6



#37

1,2-Dichloropropane

Concen: 30.226 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029045.D

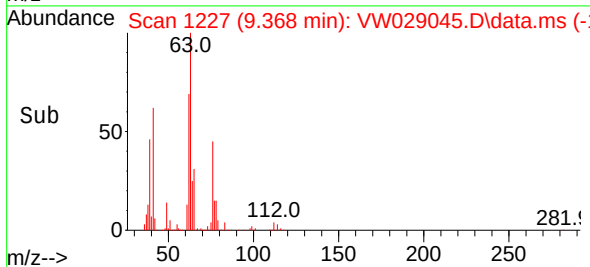
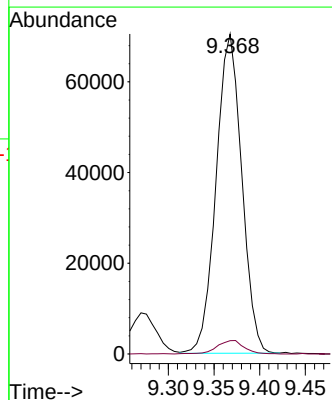
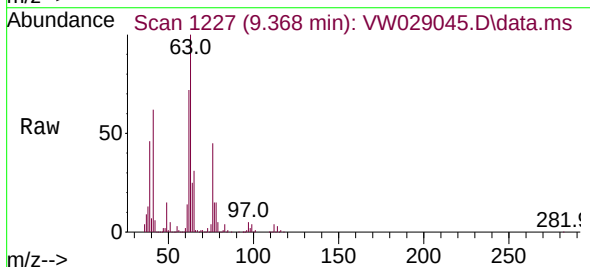
Acq: 06 Jun 2024 18:08

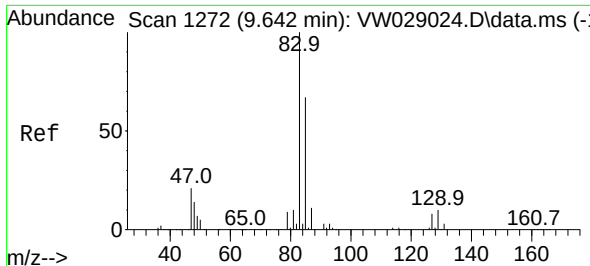
Tgt Ion: 63 Resp: 137533

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4

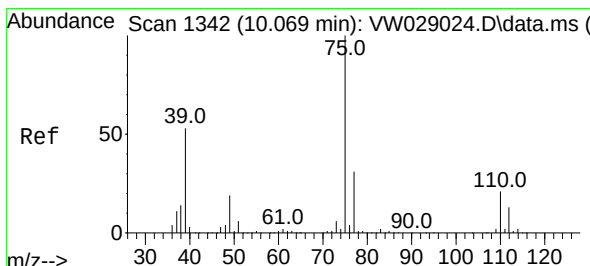
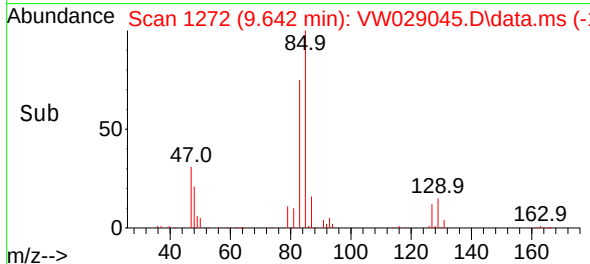
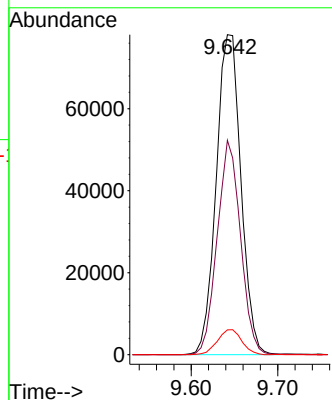
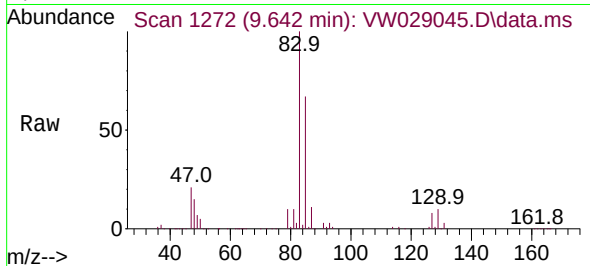




#38
Bromodichloromethane
Concen: 27.958 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

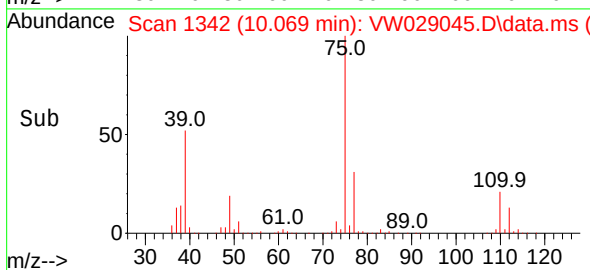
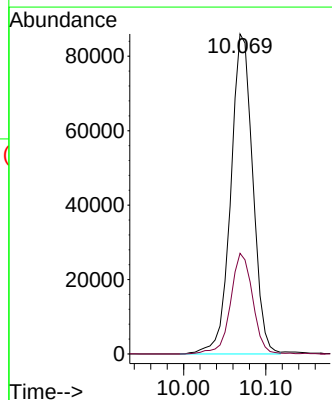
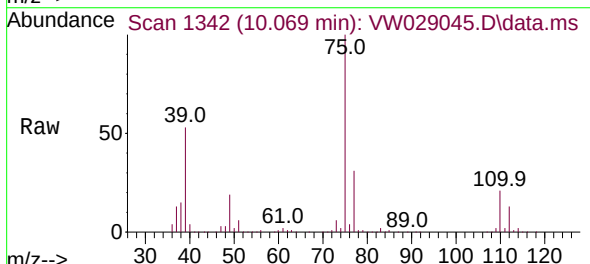
Instrument :
MSVOA_W
ClientSampleId :

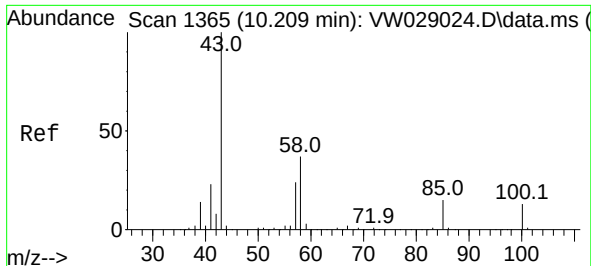
Tgt Ion: 83 Resp: 155148
Ion Ratio Lower Upper
83 100
85 67.0 43.9 81.5
127 7.8 5.4 8.2



#39
cis-1,3-Dichloropropene
Concen: 24.202 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

Tgt Ion: 75 Resp: 160042
Ion Ratio Lower Upper
75 100
77 31.4 21.0 39.0





#40

4-Methyl-2-pentanone

Concen: 82.680 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

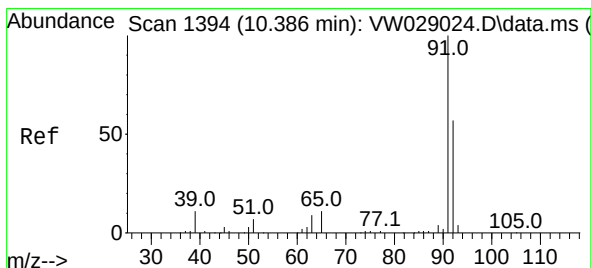
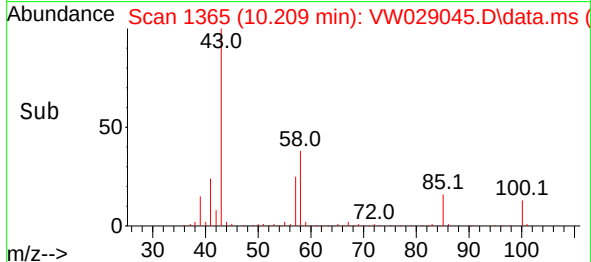
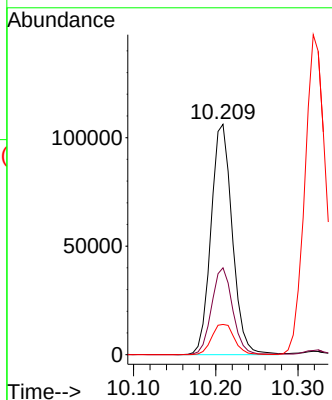
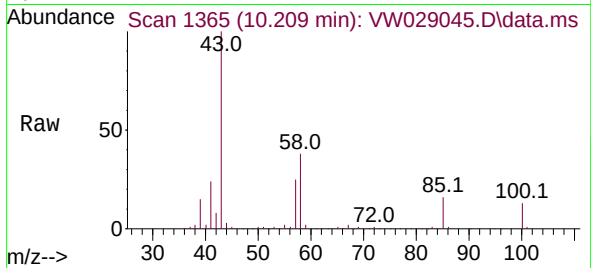
Tgt Ion: 43 Resp: 191357

Ion Ratio Lower Upper

43 100

58 37.1 30.3 45.5

100 14.0 10.7 16.1



#42

Toluene

Concen: 25.904 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029045.D

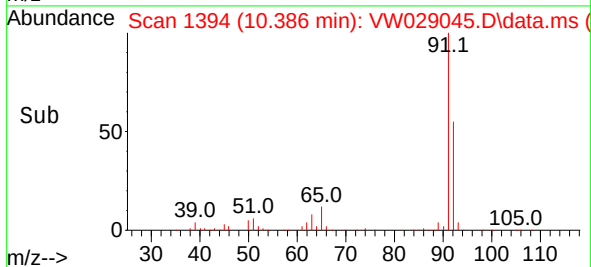
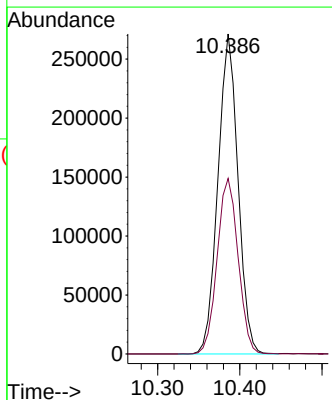
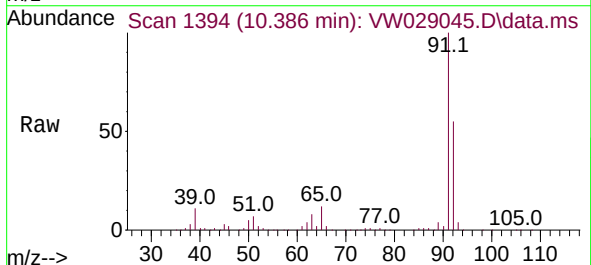
Acq: 06 Jun 2024 18:08

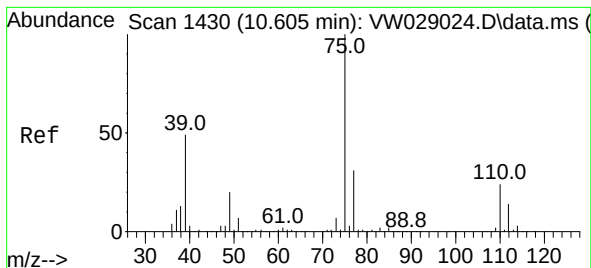
Tgt Ion: 91 Resp: 459808

Ion Ratio Lower Upper

91 100

92 54.8 41.2 76.4





#44

trans-1,3-Dichloropropene

Concen: 25.170 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

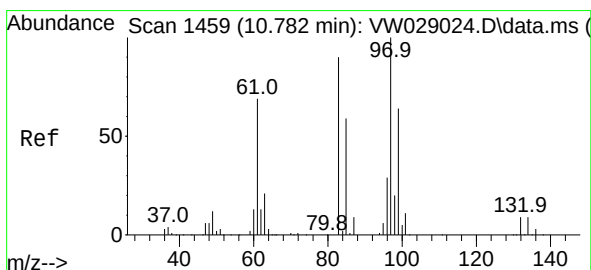
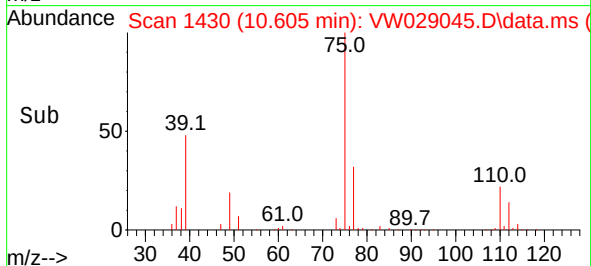
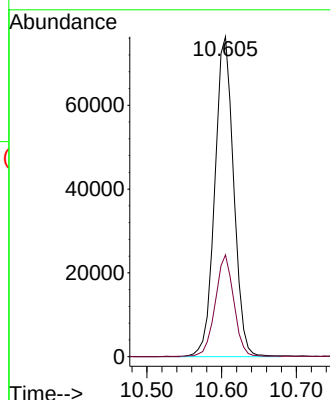
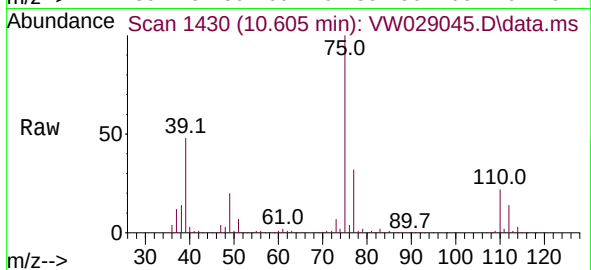
ClientSampleId :

Tgt Ion: 75 Resp: 134181

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 30.079 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Tgt Ion: 97 Resp: 92436

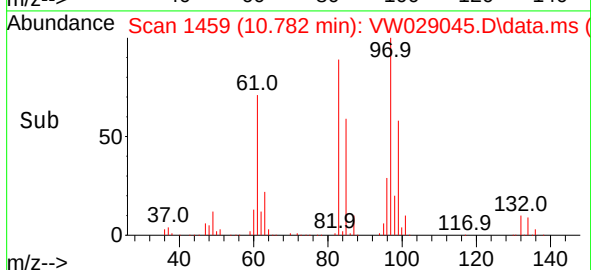
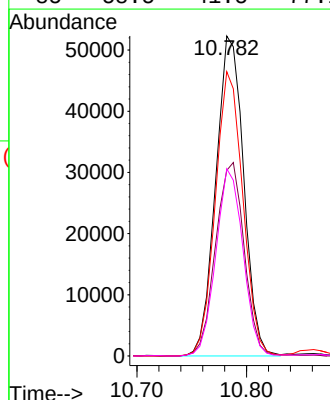
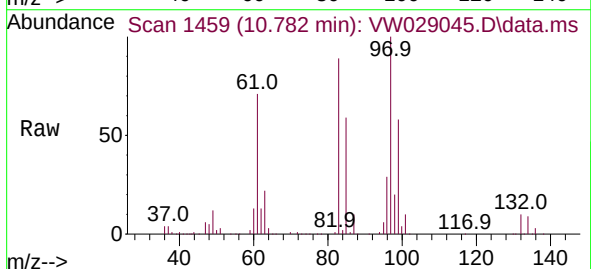
Ion Ratio Lower Upper

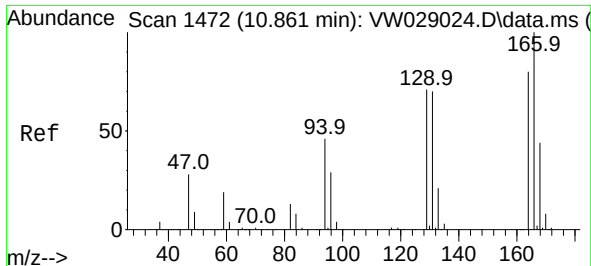
97 100

99 58.0 41.8 77.6

83 88.8 62.4 115.8

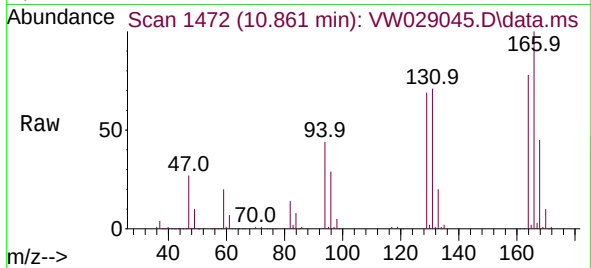
85 58.5 41.5 77.1



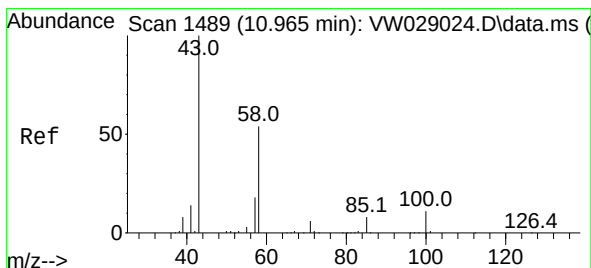
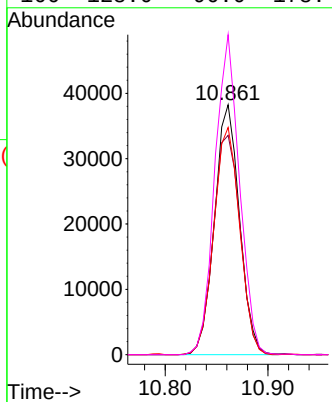
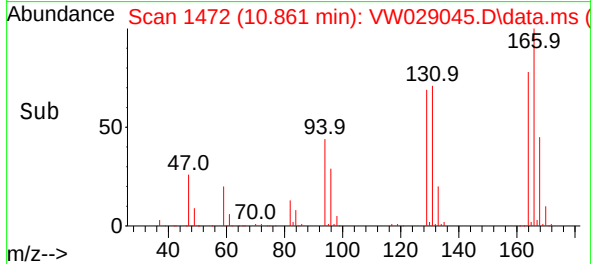


#46
Tetrachloroethene
Concen: 18.623 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

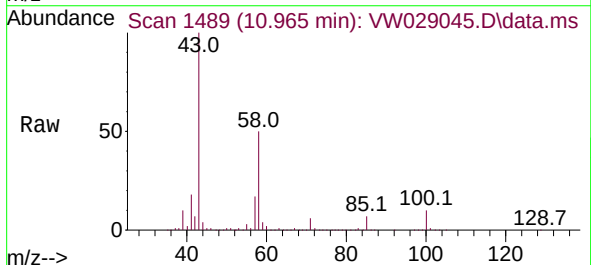
Instrument :
MSVOA_W
ClientSampleId :



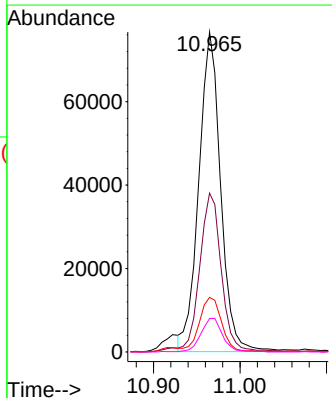
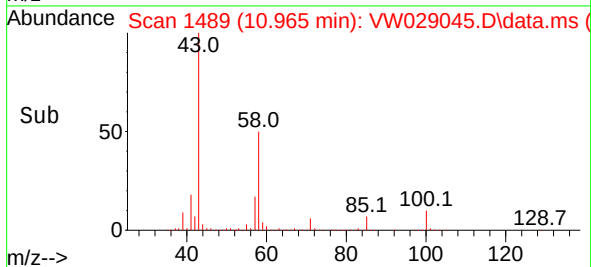
Tgt Ion:164 Resp: 64635
Ion Ratio Lower Upper
164 100
129 87.7 69.4 128.8
131 90.9 71.0 131.9
166 128.0 96.0 178.4

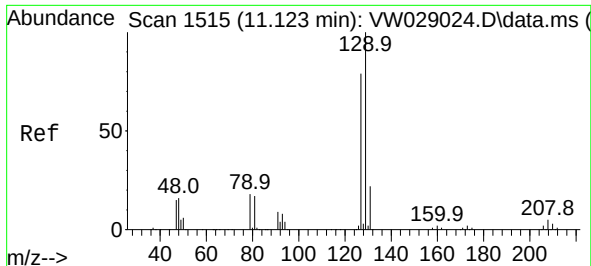


#48
2-Hexanone
Concen: 77.347 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08



Tgt Ion: 43 Resp: 134215
Ion Ratio Lower Upper
43 100
58 49.5 41.4 62.0
57 16.5 14.2 21.4
100 10.5 9.1 13.7





#49

Dibromochloromethane

Concen: 26.858 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

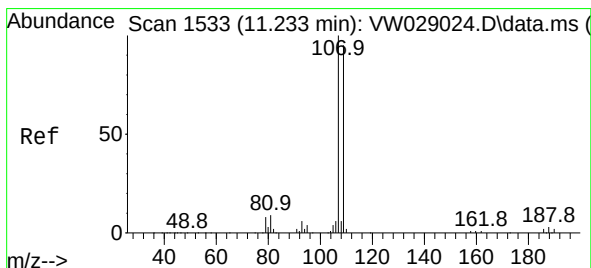
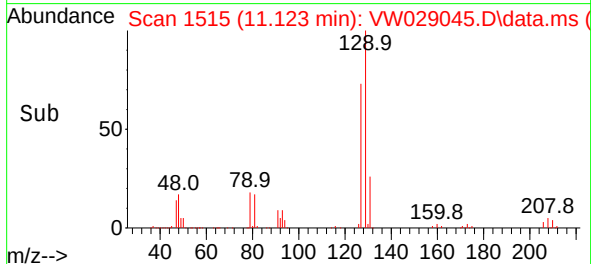
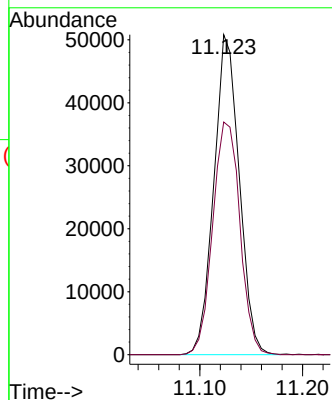
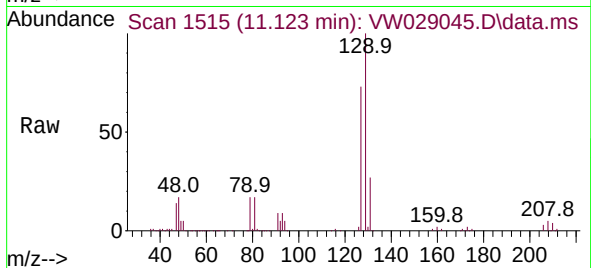
ClientSampleId :

Tgt Ion:129 Resp: 87175

Ion Ratio Lower Upper

129 100

127 72.7 56.5 104.9



#50

1,2-Dibromoethane

Concen: 28.944 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

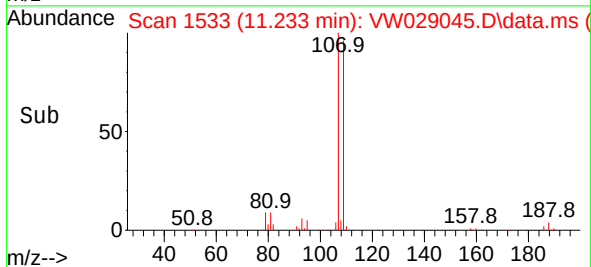
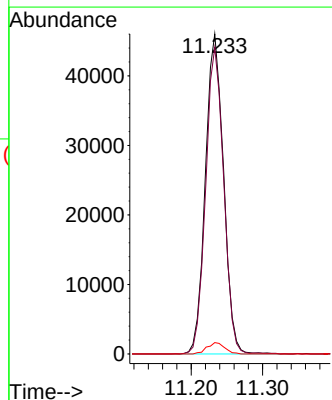
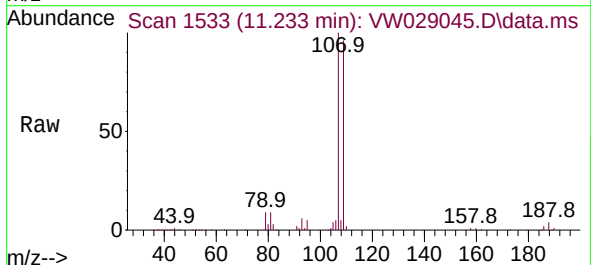
Tgt Ion:107 Resp: 81197

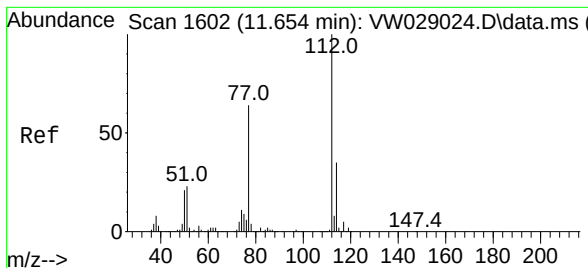
Ion Ratio Lower Upper

107 100

109 95.8 67.9 126.1

188 3.6 3.0 4.4





#51

Chlorobenzene

Concen: 20.030 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

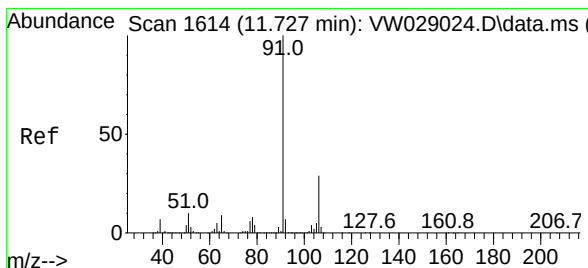
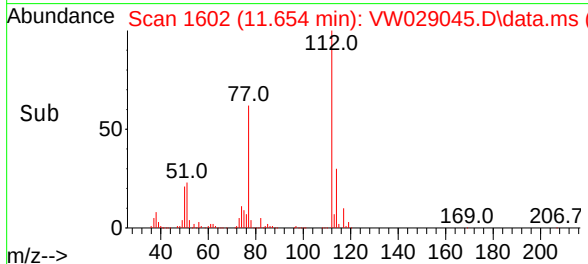
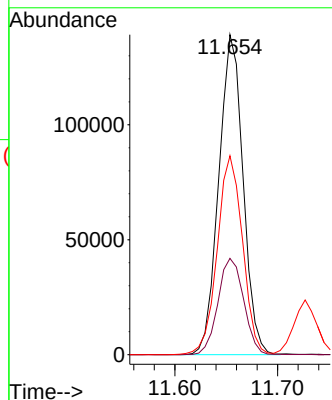
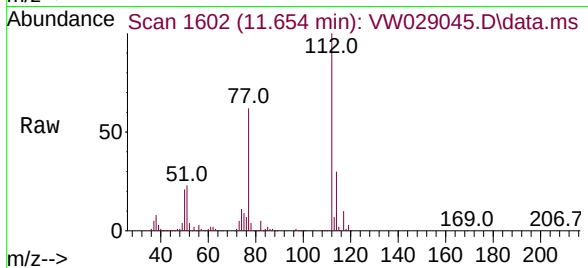
Tgt Ion:112 Resp: 228392

Ion Ratio Lower Upper

112 100

114 30.1 23.7 44.1

77 62.2 51.7 77.5



#52

Ethylbenzene

Concen: 20.026 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW029045.D

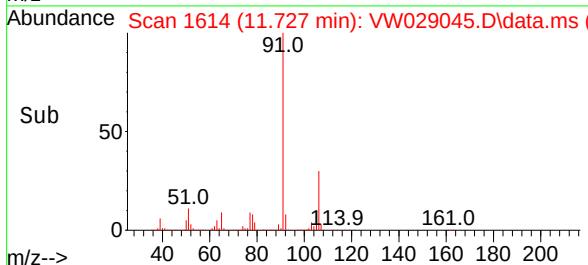
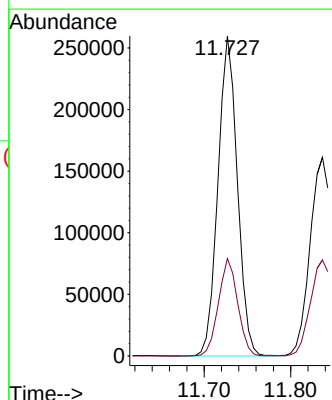
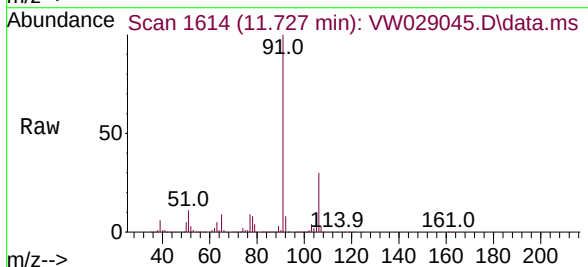
Acq: 06 Jun 2024 18:08

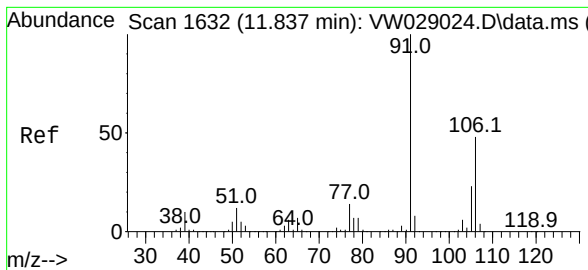
Tgt Ion: 91 Resp: 403887

Ion Ratio Lower Upper

91 100

106 30.4 19.9 37.0

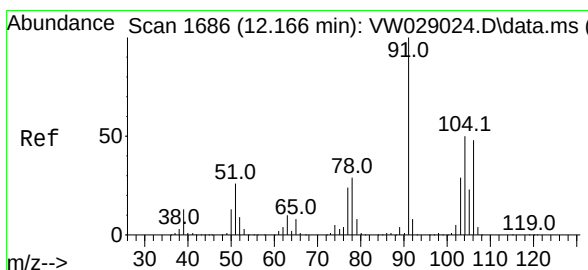
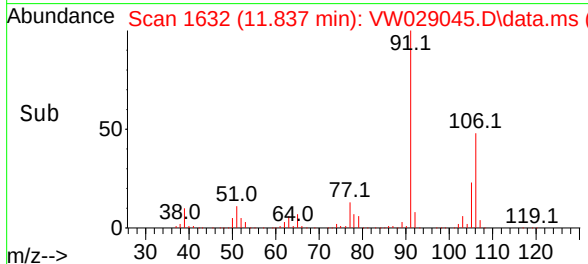
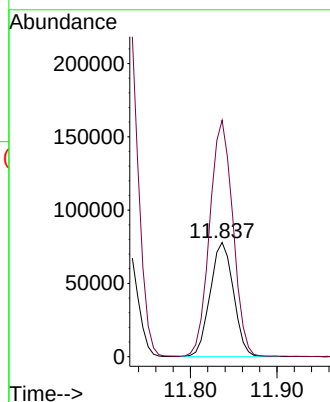
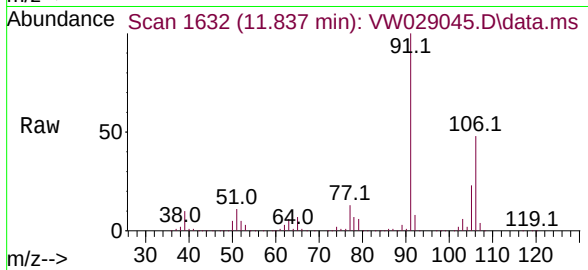




#53
m,p-Xylene
Concen: 19.544 ug/L
RT: 11.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

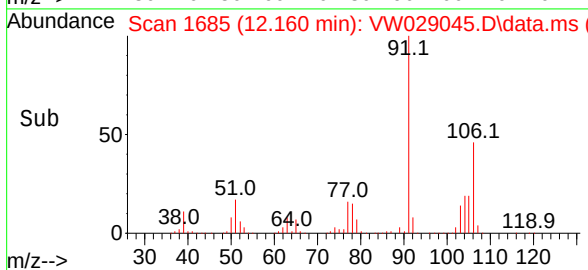
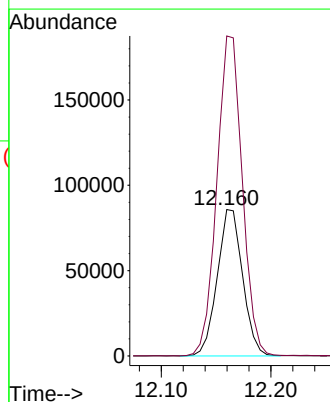
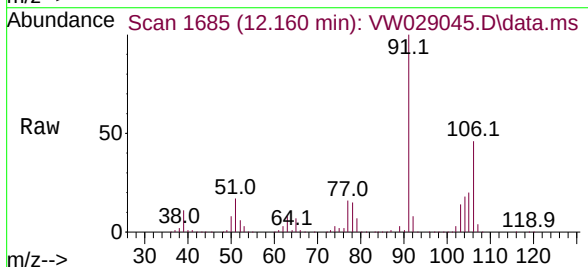
Instrument :
MSVOA_W
ClientSampleId :

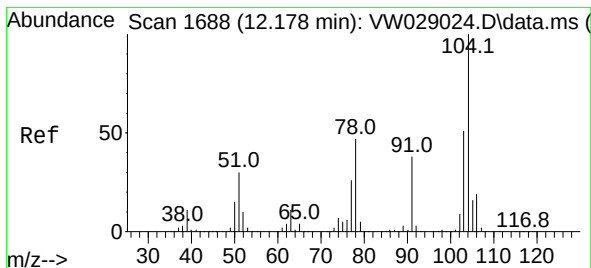
Tgt Ion:106 Resp: 145993
Ion Ratio Lower Upper
106 100
91 207.1 152.0 282.2



#54
o-Xylene
Concen: 19.956 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029045.D
Acq: 06 Jun 2024 18:08

Tgt Ion:106 Resp: 138036
Ion Ratio Lower Upper
106 100
91 218.5 152.5 283.3





#55

Styrene

Concen: 17.967 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

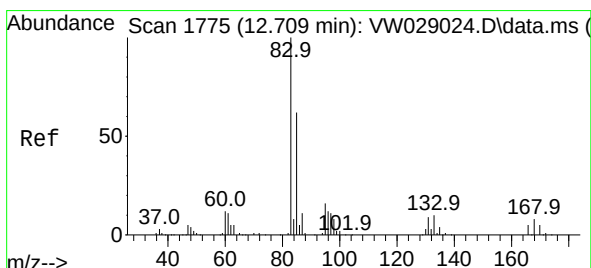
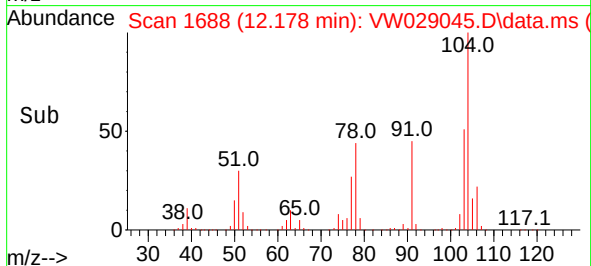
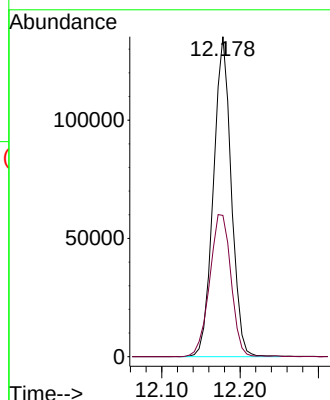
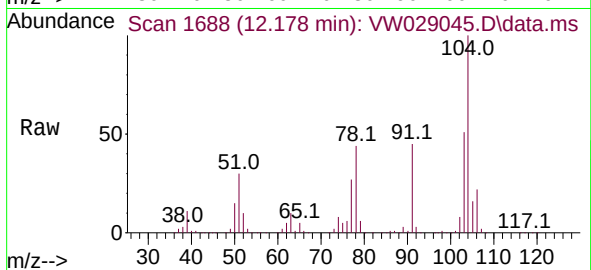
ClientSampleId :

Tgt Ion:104 Resp: 214257

Ion Ratio Lower Upper

104 100

78 44.2 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.707 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

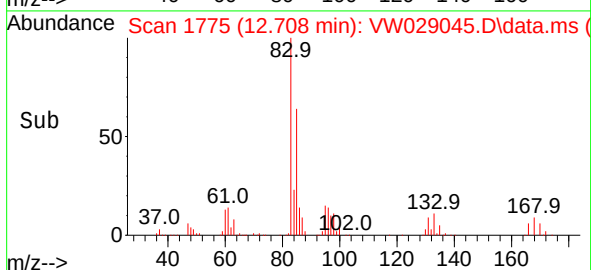
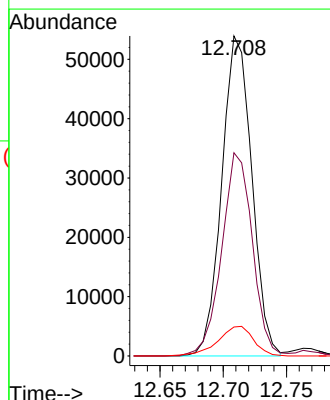
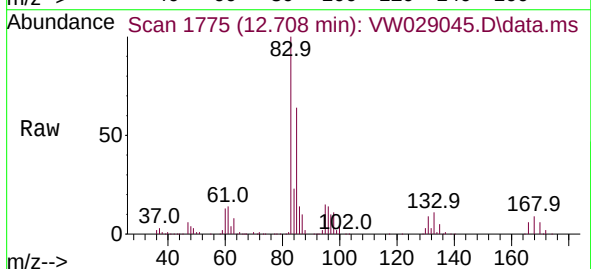
Tgt Ion: 83 Resp: 89181

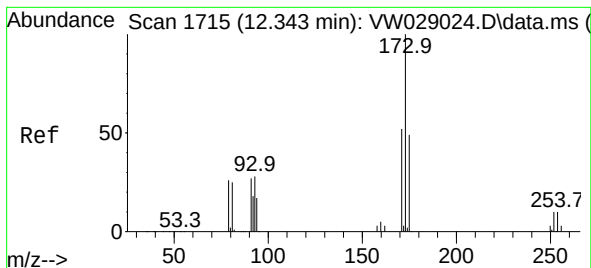
Ion Ratio Lower Upper

83 100

85 63.5 43.8 81.3

131 9.0 7.3 10.9





#59

Bromoform

Concen: 45.064 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

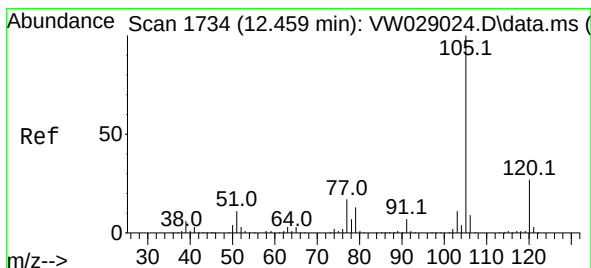
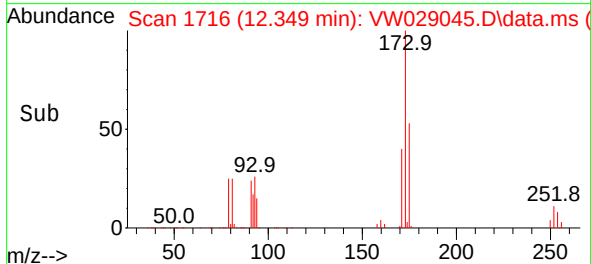
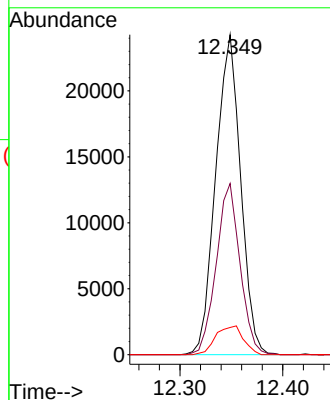
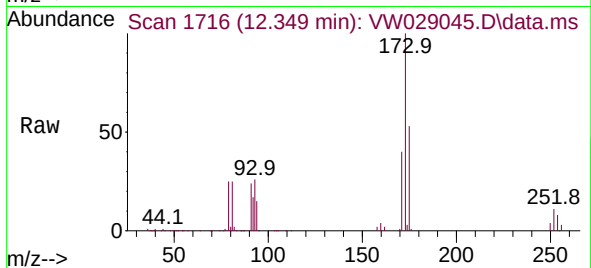
Tgt Ion:173 Resp: 40804

Ion Ratio Lower Upper

173 100

175 51.0 38.1 57.1

254 10.0 8.2 12.2



#60

Isopropylbenzene

Concen: 29.799 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

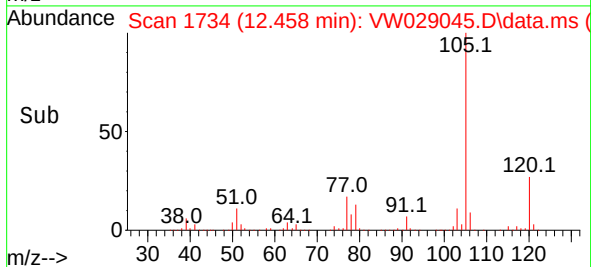
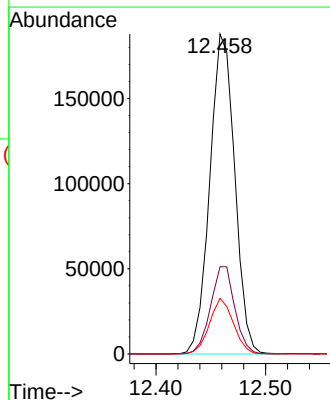
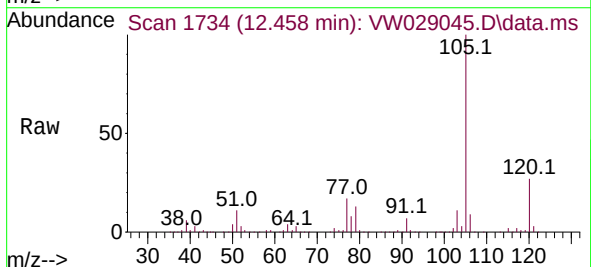
Tgt Ion:105 Resp: 296963

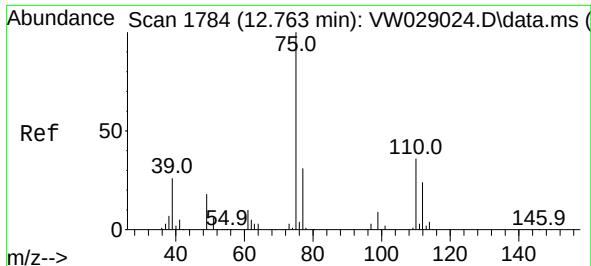
Ion Ratio Lower Upper

105 100

120 26.6 20.7 31.1

77 16.7 13.5 20.3





#61

1,2,3-Trichloropropane

Concen: 55.528 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

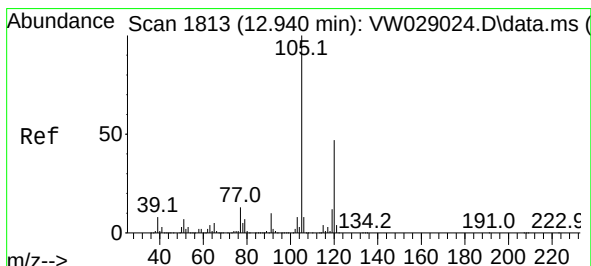
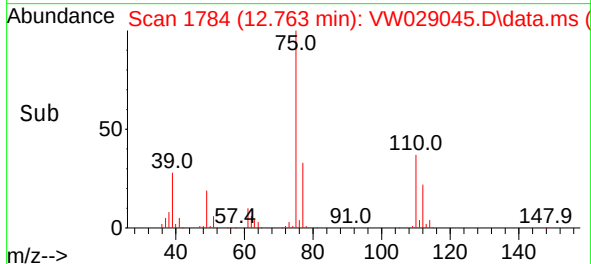
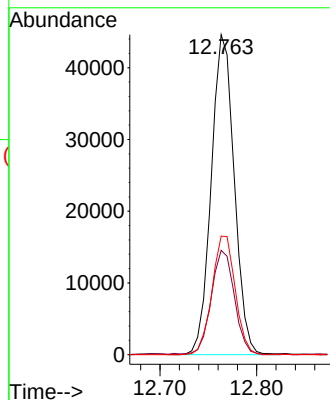
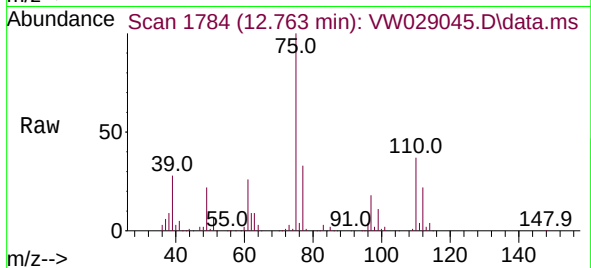
Tgt Ion: 75 Resp: 73755

Ion Ratio Lower Upper

75 100

77 32.8 26.3 39.5

110 37.4 29.4 44.0



#62

1,3,5-Trimethylbenzene

Concen: 25.404 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029045.D

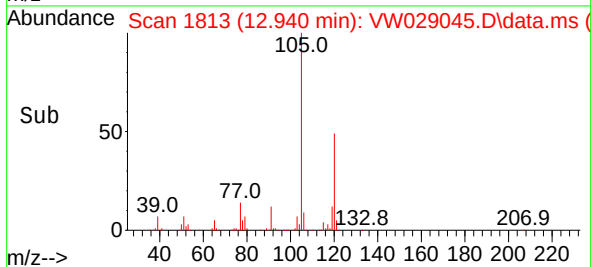
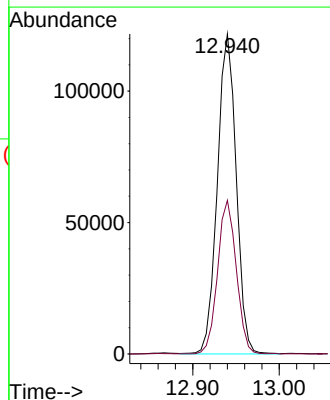
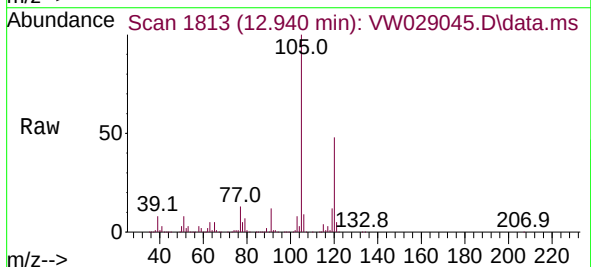
Acq: 06 Jun 2024 18:08

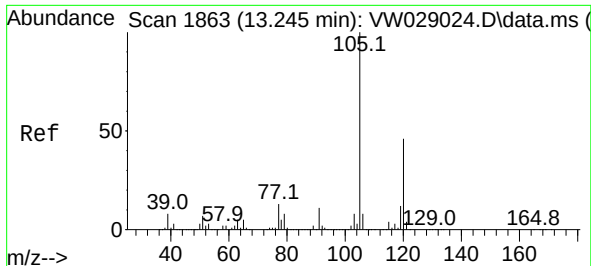
Tgt Ion:105 Resp: 184133

Ion Ratio Lower Upper

105 100

120 47.6 38.4 57.6





#63

1,2,4-Trimethylbenzene

Concen: 25.079 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

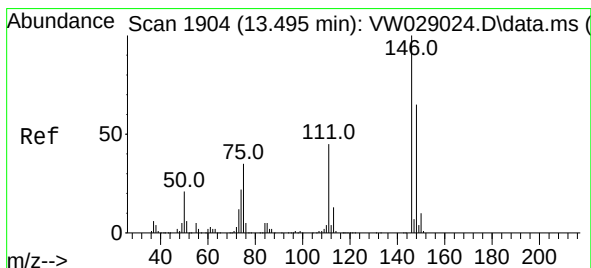
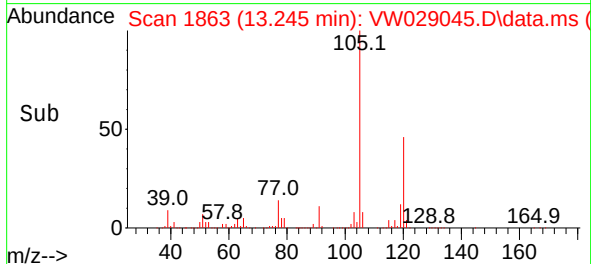
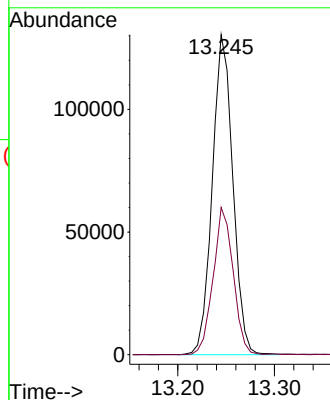
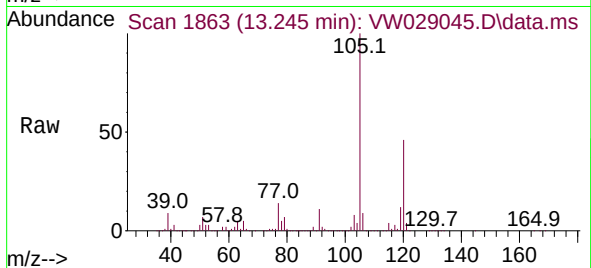
ClientSampleId :

Tgt Ion:105 Resp: 192103

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.8



#64

1,3-Dichlorobenzene

Concen: 20.708 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

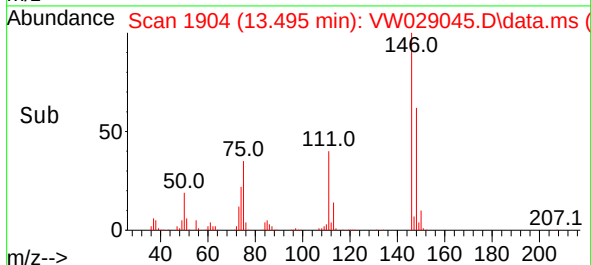
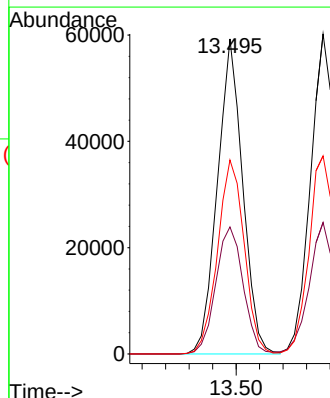
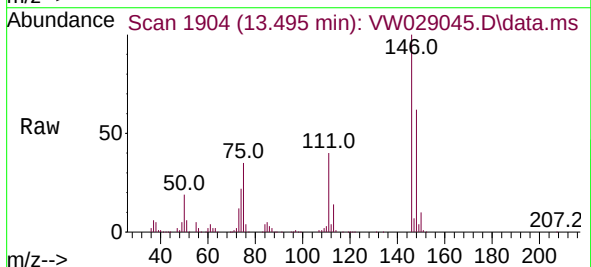
Tgt Ion:146 Resp: 88683

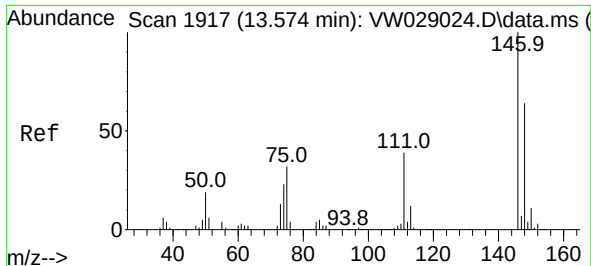
Ion Ratio Lower Upper

146 100

111 40.3 29.4 54.6

148 61.5 42.5 78.9





#65

1,4-Dichlorobenzene

Concen: 20.583 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

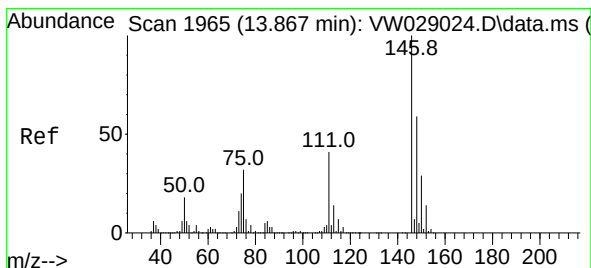
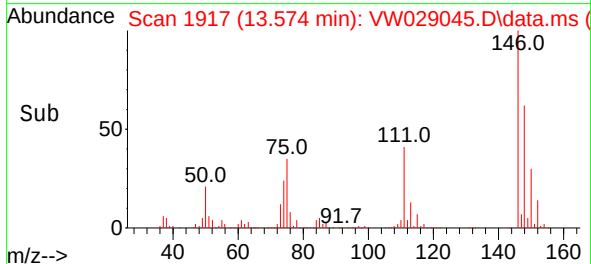
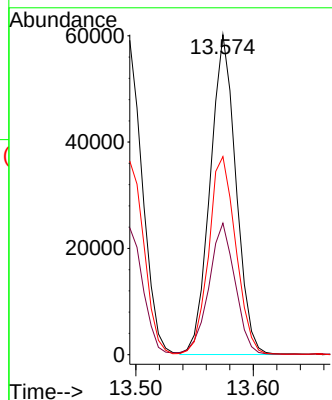
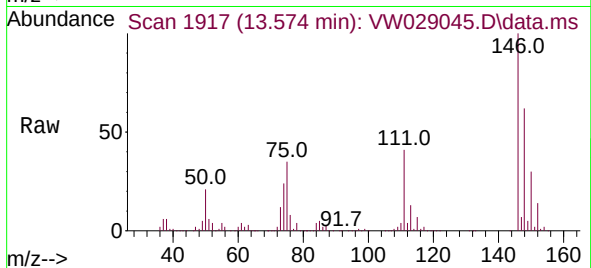
Tgt Ion:146 Resp: 92064

Ion Ratio Lower Upper

146 100

111 41.1 27.5 51.1

148 61.9 39.5 73.3



#67

1,2-Dichlorobenzene

Concen: 20.712 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

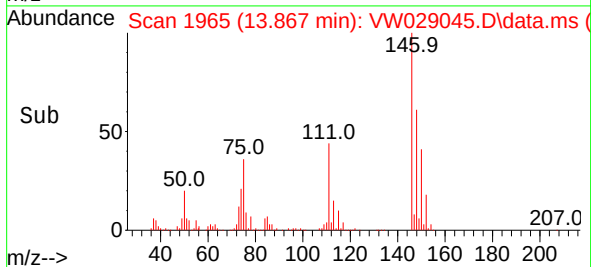
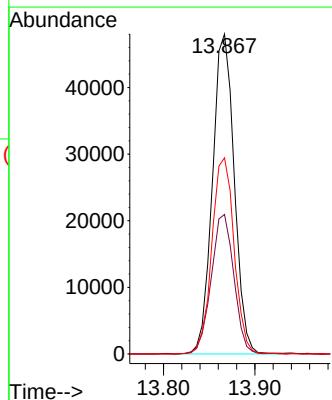
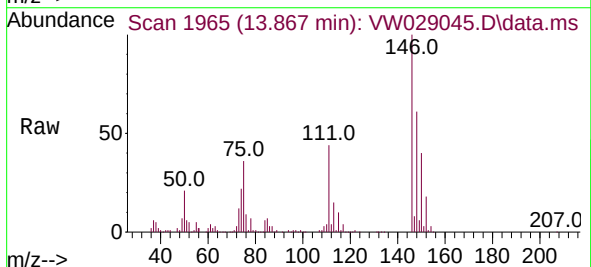
Tgt Ion:146 Resp: 79499

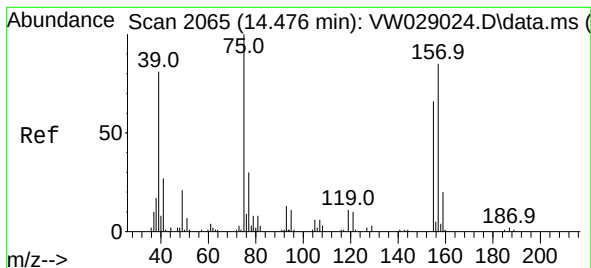
Ion Ratio Lower Upper

146 100

111 43.6 32.8 49.2

148 61.3 48.2 72.4





#68

1,2-Dibromo-3-chloropropane

Concen: 41.896 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029045.D

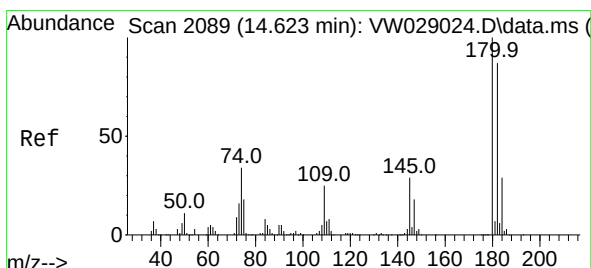
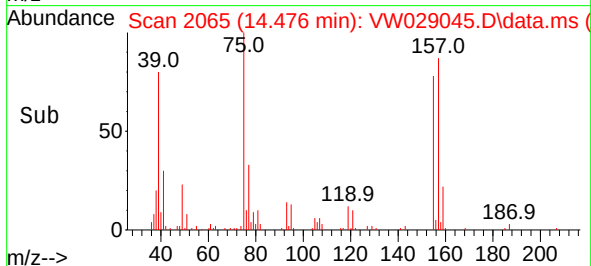
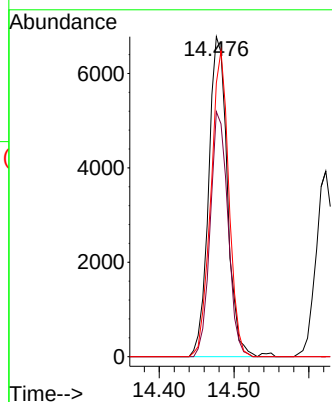
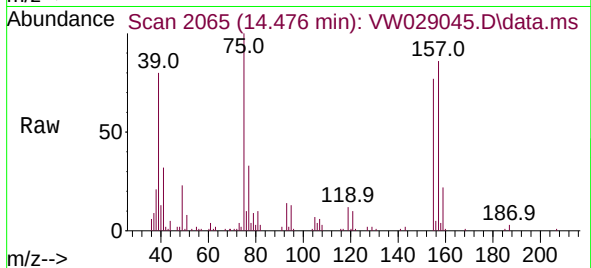
Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	11861
Ion	Ratio	Lower	Upper
75	100		
155	76.6	52.3	78.5
157	85.6	71.0	106.4



#69

1,3,5-Trichlorobenzene

Concen: 11.181 ug/L

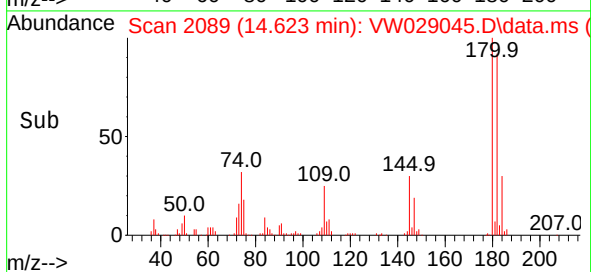
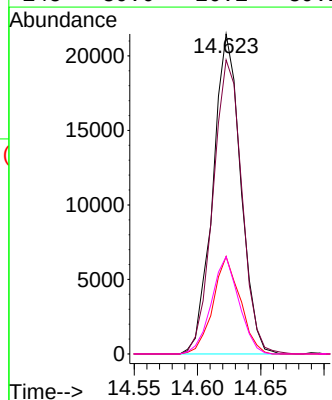
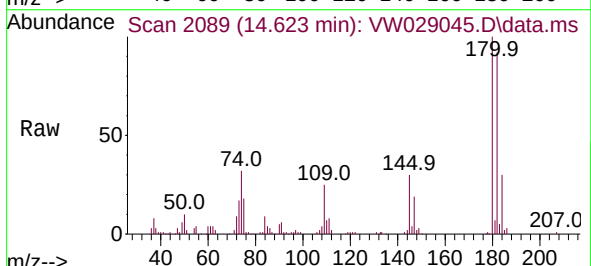
RT: 14.623 min Scan# 2089

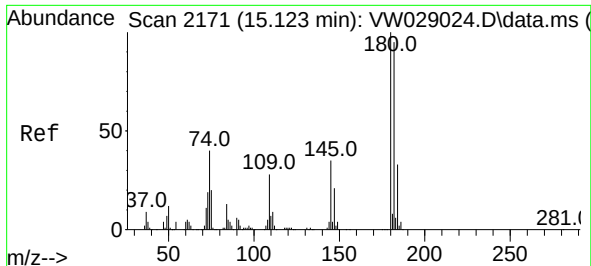
Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Tgt Ion:	180	Resp:	32876
Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.4	116.0
184	29.6	24.6	36.8
145	30.0	26.1	39.1





#70

1,2,4-trichlorobenzene

Concen: 8.238 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

Instrument :

MSVOA_W

ClientSampleId :

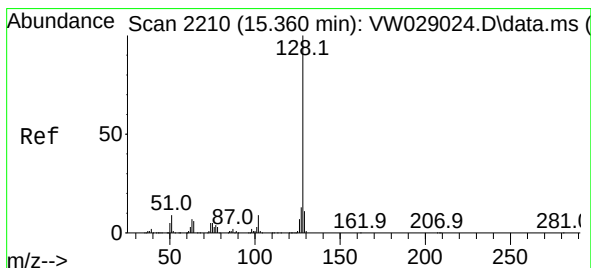
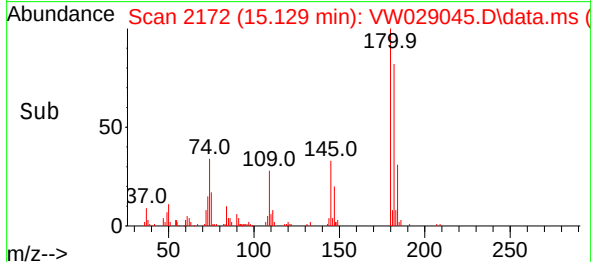
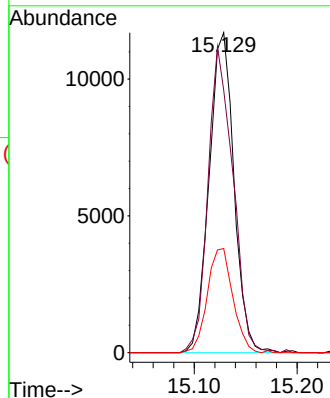
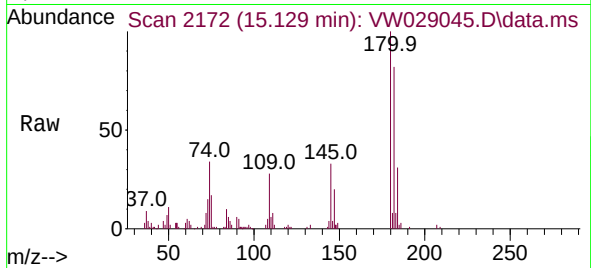
Tgt Ion:180 Resp: 19633

Ion Ratio Lower Upper

180 100

182 95.8 75.3 112.9

145 33.4 26.2 39.2



#71

Naphthalene

Concen: 12.299 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029045.D

Acq: 06 Jun 2024 18:08

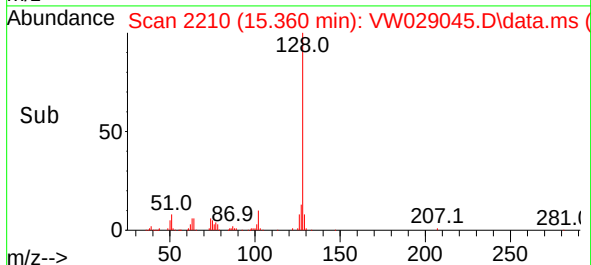
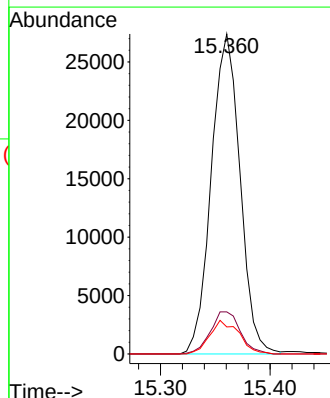
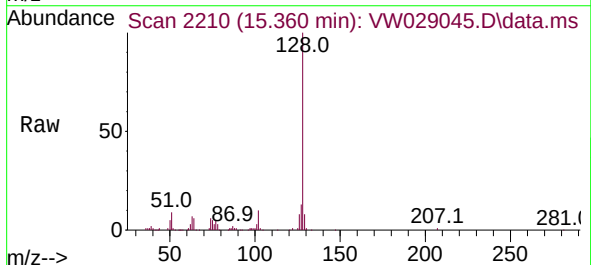
Tgt Ion:128 Resp: 49941

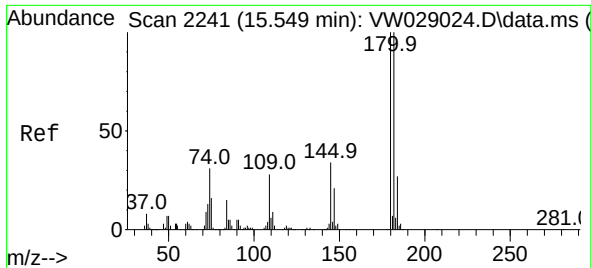
Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

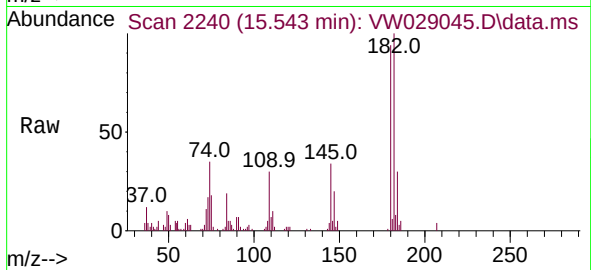
129 10.7 8.6 12.8





1,2,3-Trichlorobenzene
 Concen: 7.174 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029045.D
 Acq: 06 Jun 2024 18:08

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180	Resp:	14607
Ion Ratio	Lower	Upper
180	100	
182	101.0	75.4 113.0
145	35.7	26.6 39.8

