

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030019.D
 Acq On : 23 Aug 2024 18:42
 Operator : SY/MD
 Sample : P3696-03MSD
 Misc : 5.48g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:07:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	281233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	131811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	23013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	60463	15.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.560%
7) Chloroethane-d5	2.759	69	185	0.065	ug/L	-0.15
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.240%#
11) 1,1-Dichloroethene-d2	4.027	65	26918	14.770	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.080%
21) 2-Butanone-d5	7.075	46	61275	55.994	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.980%
24) Chloroform-d	7.648	84	147012	20.194	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.760%
26) 1,2-Dichloroethane-d4	8.307	65	92663	22.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	8.276	84	225007	31.593	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.360%
36) 1,2-Dichloropropane-d6	9.270	67	78216	34.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.560%#
41) Toluene-d8	10.325	98	139324	22.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	10.575	79	31943	34.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	138.840%#
47) 2-Hexanone-d5	10.922	63	50276	134.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	268.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53727	31.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.280%#
66) 1,2-Dichlorobenzene-d4	13.848	152	19140	26.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	58723	15.491	ug/L	99
3) Chloromethane	2.229	50	66236	14.120	ug/L	97
5) Vinyl chloride	2.375	62	89153	16.962	ug/L	99
6) Bromomethane	2.789	94	58740	20.352	ug/L	96
8) Chloroethane	2.936	64	57754	19.315	ug/L	100
9) Trichlorofluoromethane	3.265	101	80781	19.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	54073	12.932	ug/L	92
12) 1,1-Dichloroethene	4.045	96	71572	18.629	ug/L	90
13) Acetone	4.131	43	96093	70.660	ug/L	94
14) Carbon disulfide	4.393	76	160130	12.524	ug/L	99
16) Methylene chloride	4.917	84	104348	17.748	ug/L	81
17) trans-1,2-Dichloroethene	5.429	96	76028	18.363	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	183733	26.926	ug/L	96
19) 1,1-Dichloroethane	6.216	63	155837	17.847	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	90995	20.262	ug/L	88
22) 2-Butanone	7.173	43	73823	42.366	ug/L	84
23) Bromochloromethane	7.514	128	45835	24.040	ug/L #	71
25) Chloroform	7.673	83	162345	19.733	ug/L	99
27) 1,2-Dichloroethane	8.398	62	122330	20.403	ug/L	96

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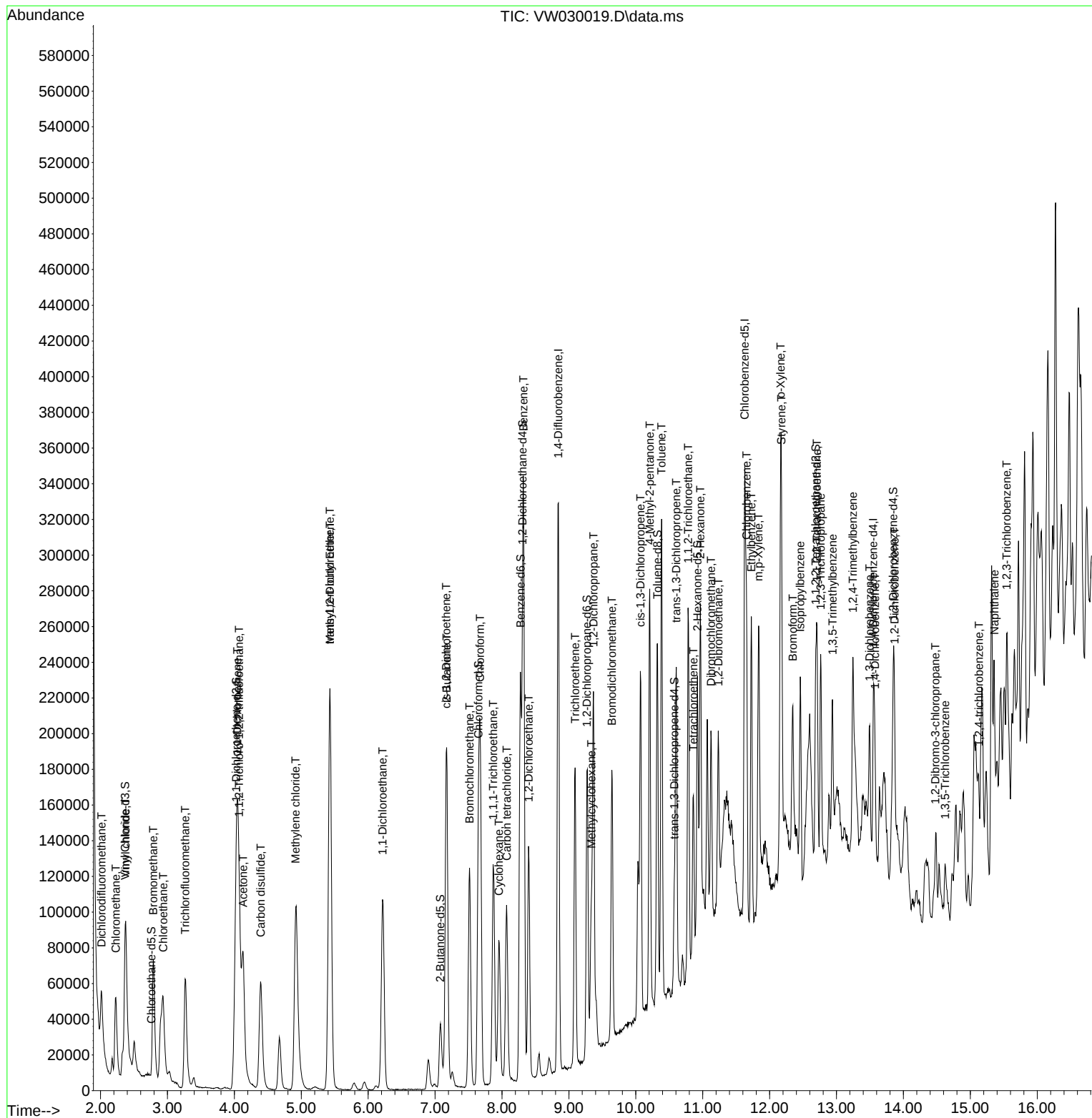
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	46594	12.439	ug/L	90
30) 1,1,1-Trichloroethane	7.868	97	103978	31.150	ug/L	94
31) Carbon tetrachloride	8.069	117	78229	26.009	ug/L	99
33) Benzene	8.319	78	284204	31.469	ug/L	100
34) Trichloroethene	9.093	95	59323	25.057	ug/L	96
35) Methylcyclohexane	9.337	83	34217	8.673	ug/L	90
37) 1,2-Dichloropropane	9.368	63	76322	30.838	ug/L	98
38) Bromodichloromethane	9.642	83	103059	34.968	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	119113	33.047	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	150905	95.993	ug/L #	88
42) Toluene	10.386	91	200252	21.723	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	100430	33.564	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	67779	40.765	ug/L	99
46) Tetrachloroethene	10.861	164	20741	12.053	ug/L	94
48) 2-Hexanone	10.965	43	103648	88.032	ug/L #	87
49) Dibromochloromethane	11.123	129	59053	34.213	ug/L	92
50) 1,2-Dibromoethane	11.233	107	60022	39.016	ug/L #	96
51) Chlorobenzene	11.654	112	92125	16.066	ug/L	95
52) Ethylbenzene	11.727	91	124288	11.952	ug/L	98
53) m,p-Xylene	11.837	106	43494	11.373	ug/L	90
54) o-Xylene	12.166	106	39066	11.093	ug/L	100
55) Styrene	12.178	104	77688	12.726	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	56018	27.450	ug/L #	94
59) Bromoform	12.349	173	32039	92.524	ug/L	99
60) Isopropylbenzene	12.459	105	67008	18.817	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	48969	87.490	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	40417	15.269	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	44387	15.680	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	25428	16.736	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	26195	16.784	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	25850	18.688	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	8496	66.853	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.623	180	6278	6.039	ug/L #	82
70) 1,2,4-trichlorobenzene	15.129	180	6294	7.187	ug/L #	5
71) Naphthalene	15.360	128	39124	23.413	ug/L	95
72) 1,2,3-Trichlorobenzene	15.543	180	5759	7.265	ug/L #	76

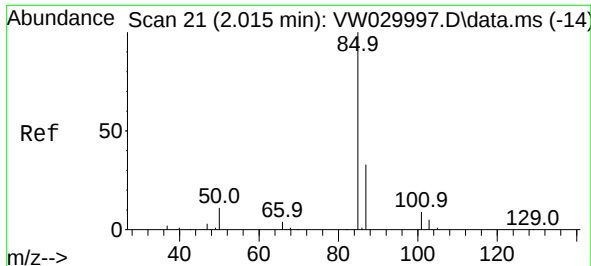
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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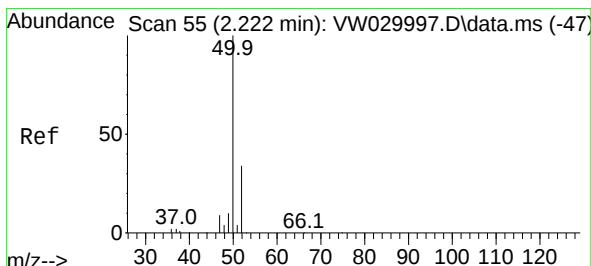
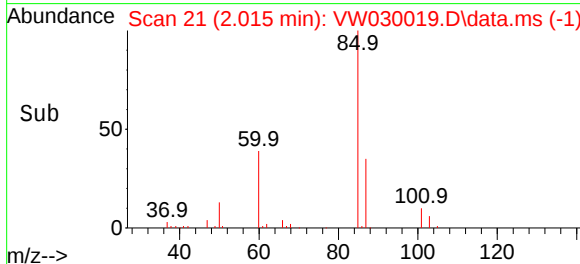
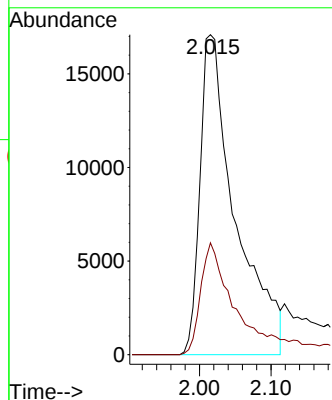
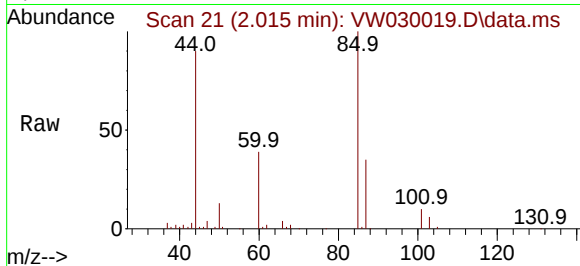




#2
 Dichlorodifluoromethane
 Concen: 15.491 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030019.D
 Acq: 23 Aug 2024 18:42

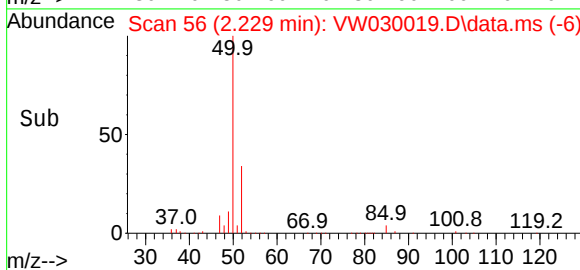
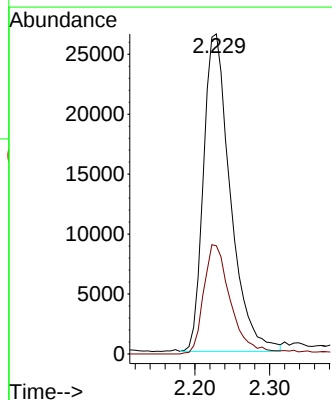
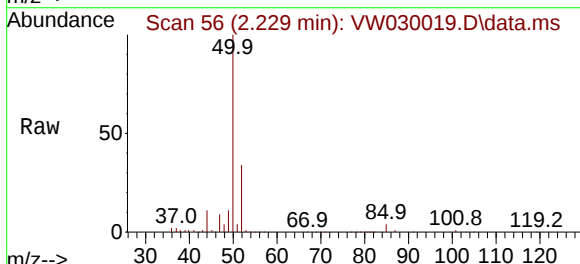
Instrument :
 MSVOA_W
 ClientSampleId :

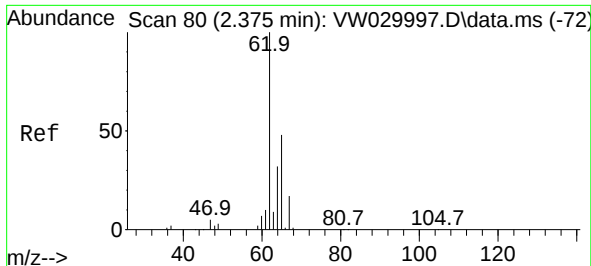
Tgt Ion: 85 Resp: 58723
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.5 38.3



#3
 Chloromethane
 Concen: 14.120 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030019.D
 Acq: 23 Aug 2024 18:42

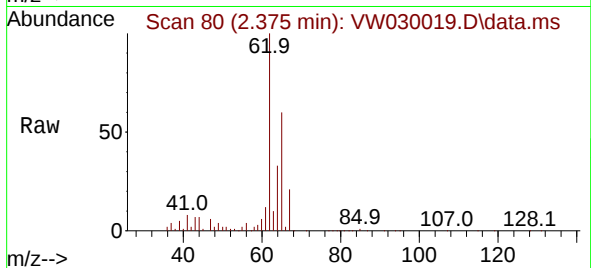
Tgt Ion: 50 Resp: 66236
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.5 41.9



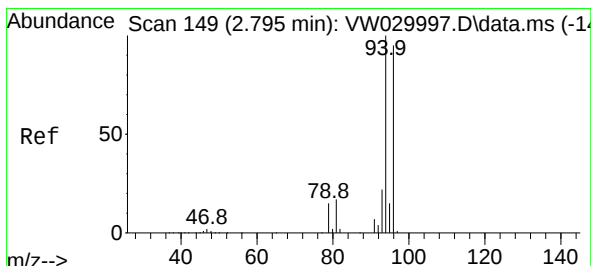
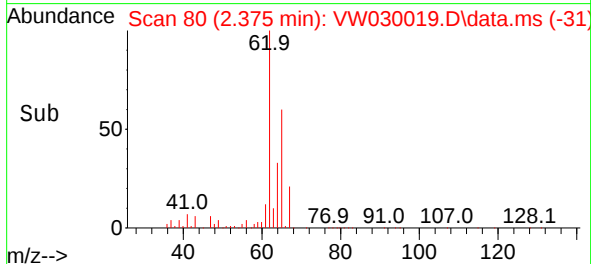
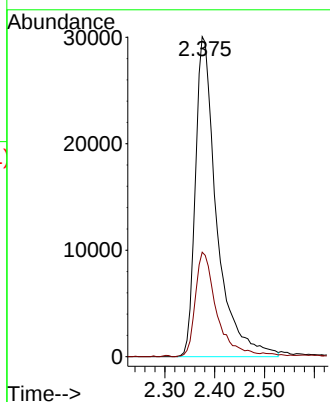


#5
 Vinyl chloride
 Concen: 16.962 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030019.D
 Acq: 23 Aug 2024 18:42

Instrument :
 MSVOA_W
 ClientSampleId :

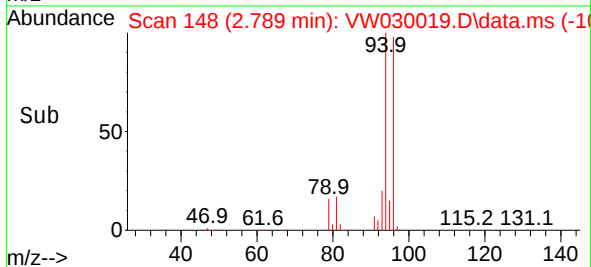
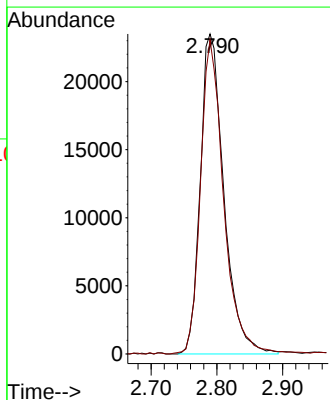
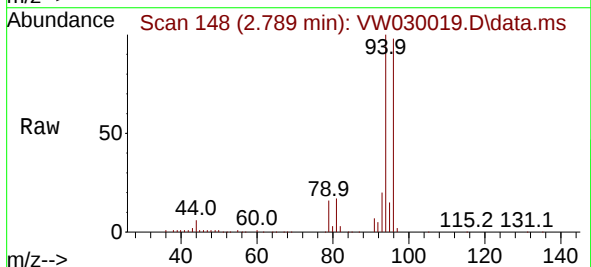


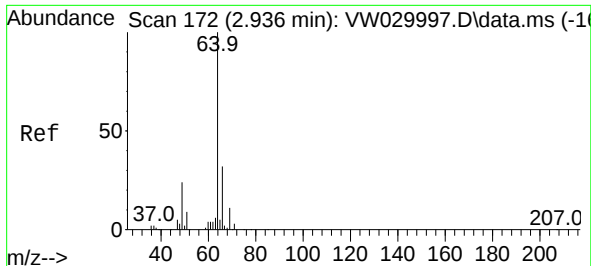
Tgt Ion: 62 Resp: 89153
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 20.352 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030019.D
 Acq: 23 Aug 2024 18:42

Tgt Ion: 94 Resp: 58740
 Ion Ratio Lower Upper
 94 100
 96 98.1 66.2 123.0

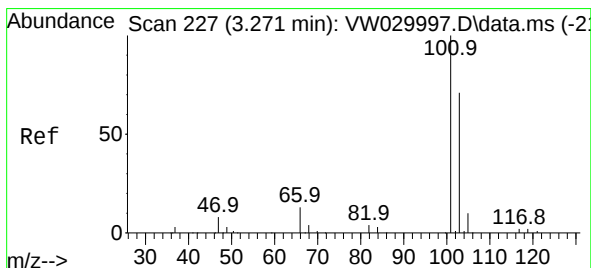
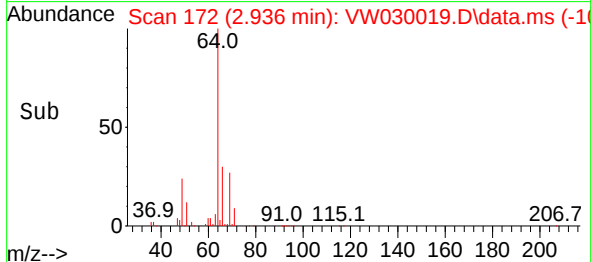
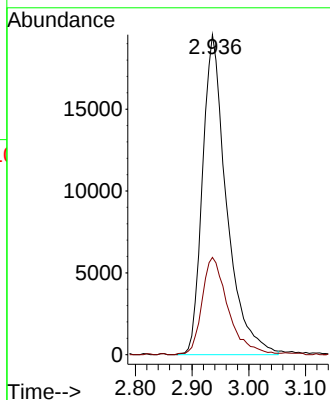
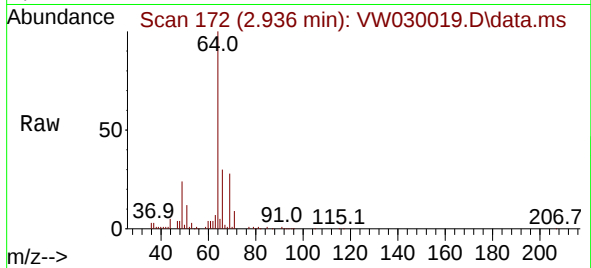




#8
Chloroethane
Concen: 19.315 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

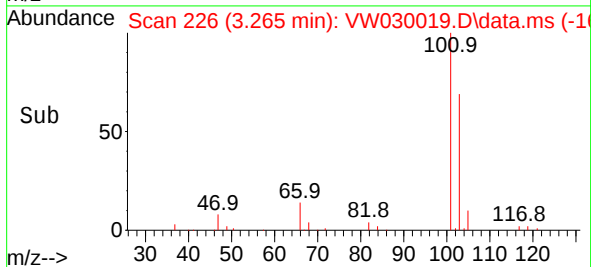
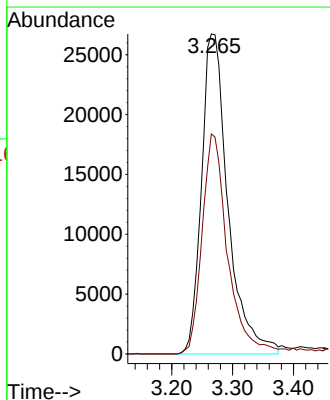
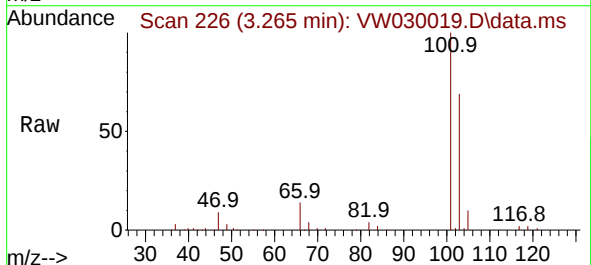
Instrument :
MSVOA_W
ClientSampleId :

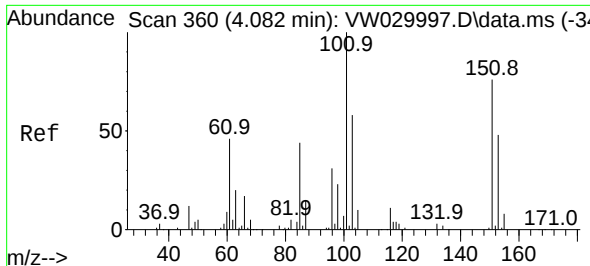
Tgt Ion: 64 Resp: 57754
Ion Ratio Lower Upper
64 100
66 30.4 21.2 39.4



#9
Trichlorofluoromethane
Concen: 19.241 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

Tgt Ion:101 Resp: 80781
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4





#10

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

Concen: 12.932 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

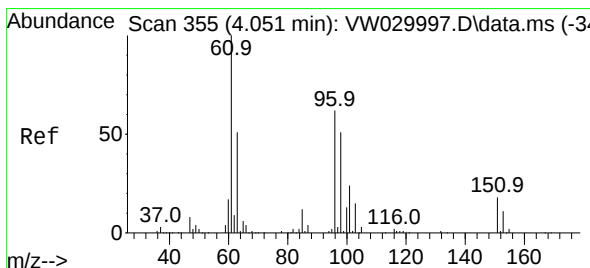
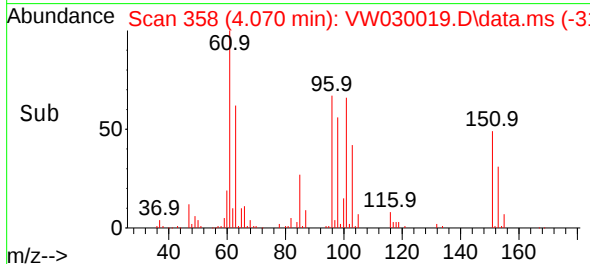
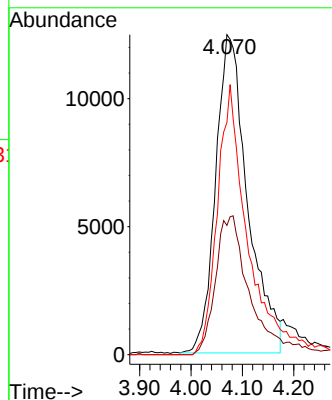
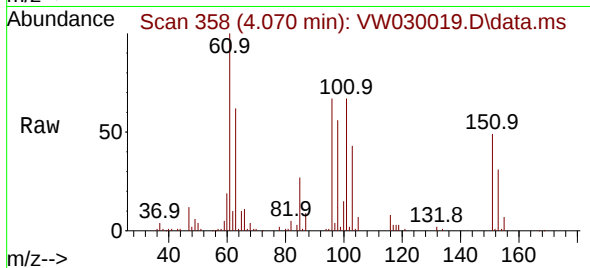
Tgt Ion:101 Resp: 54073

Ion Ratio Lower Upper

101 100

85 44.4 34.2 51.4

151 77.3 54.2 81.2



#12

1,1-Dichloroethene

Concen: 18.629 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

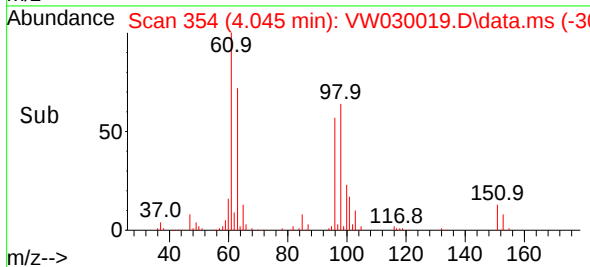
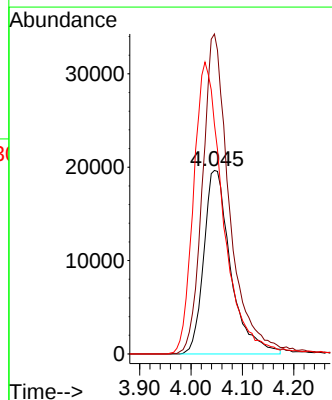
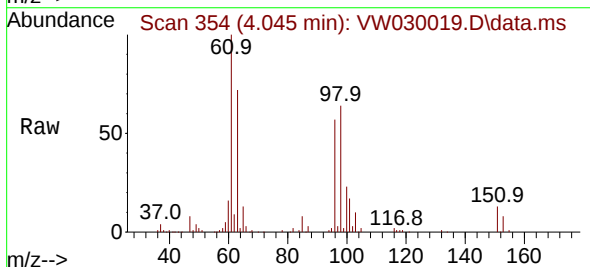
Tgt Ion: 96 Resp: 71572

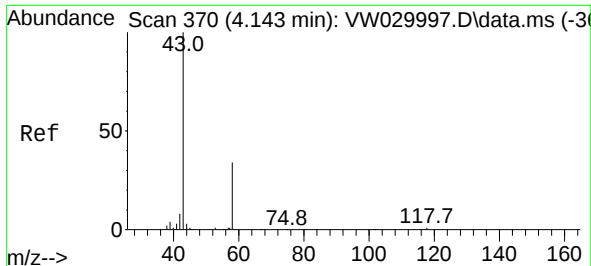
Ion Ratio Lower Upper

96 100

61 174.4 138.3 256.9

63 125.1 89.0 165.4

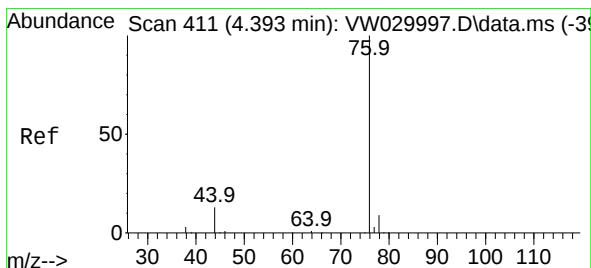
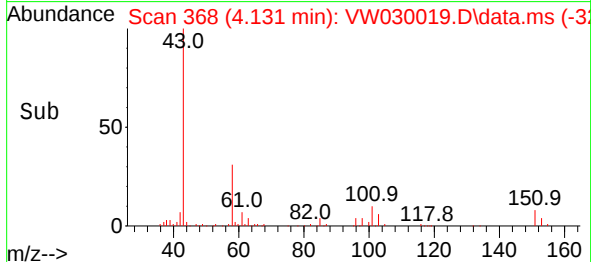
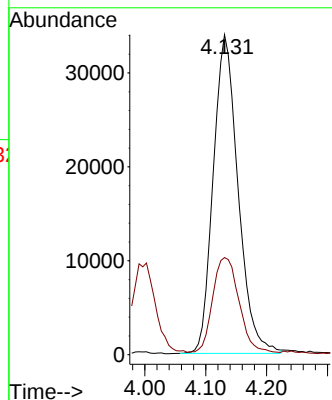
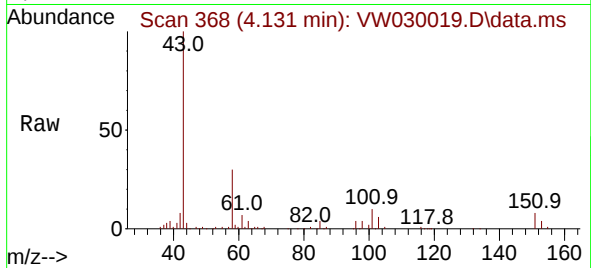




#13
Acetone
Concen: 70.660 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.012 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

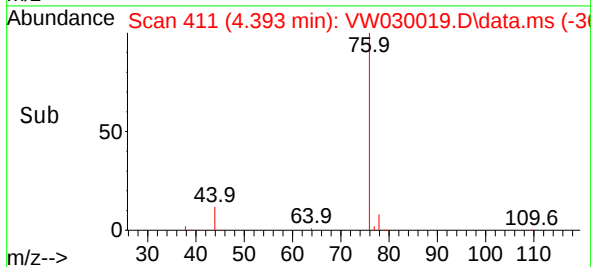
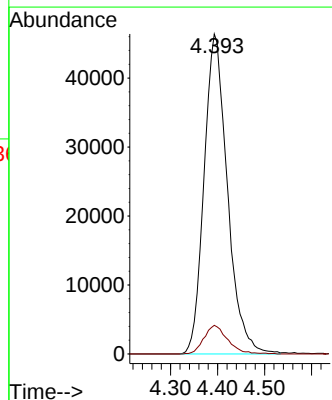
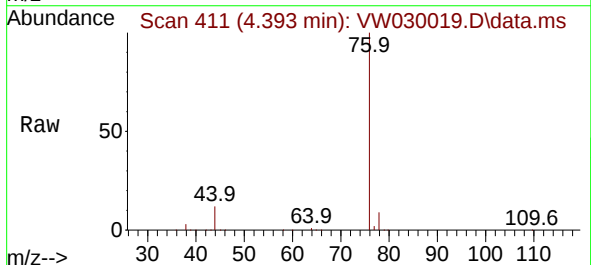
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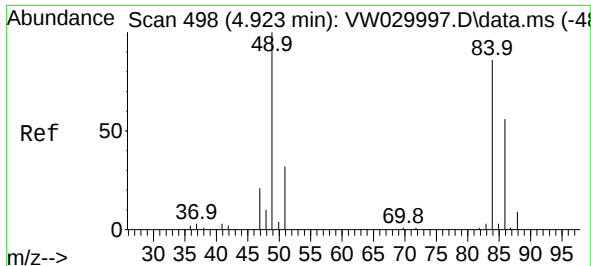
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Ion Ratio Lower Upper
43 100
58 32.1 0.0 57.6



#14
Carbon disulfide
Concen: 12.524 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 160130
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

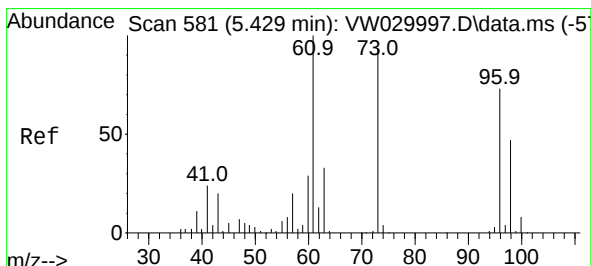
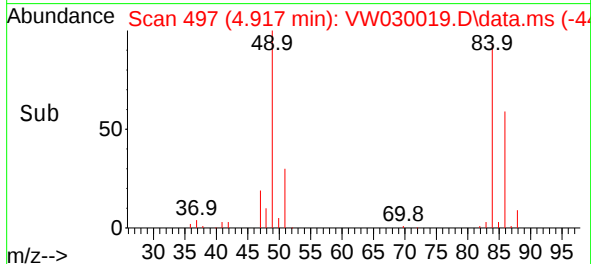
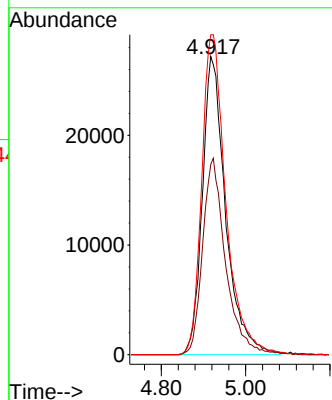
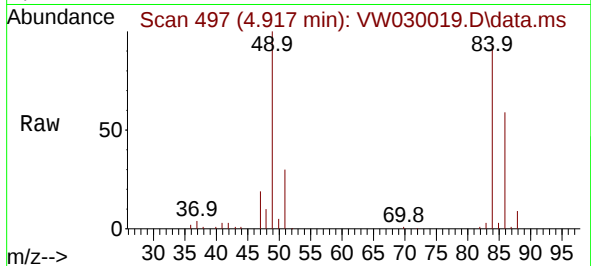




#16
Methylene chloride
Concen: 17.748 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

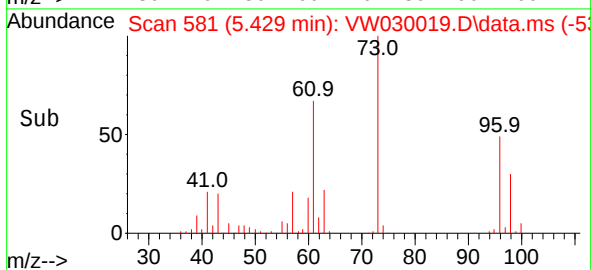
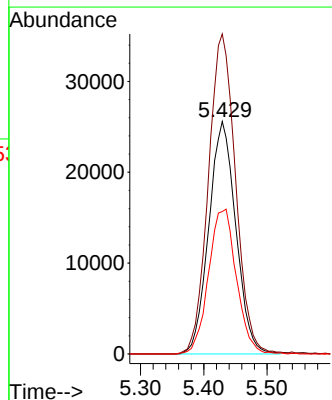
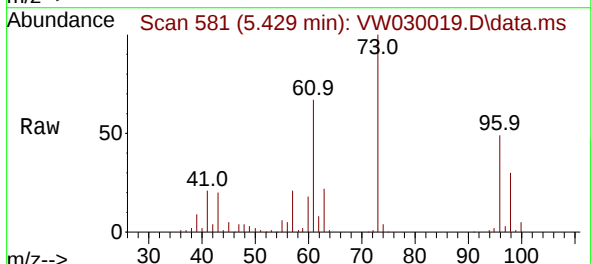
Instrument :
MSVOA_W
ClientSampleId :

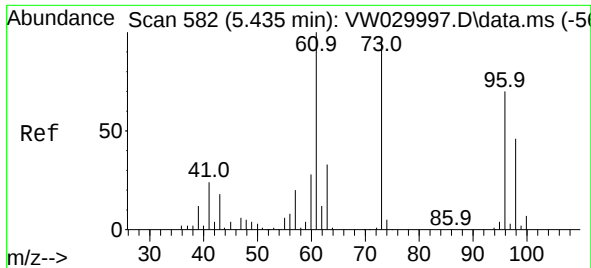
Tgt Ion: 84 Resp: 104348
Ion Ratio Lower Upper
84 100
86 63.8 44.7 82.9
49 107.2 99.0 184.0



#17
trans-1,2-Dichloroethene
Concen: 18.363 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

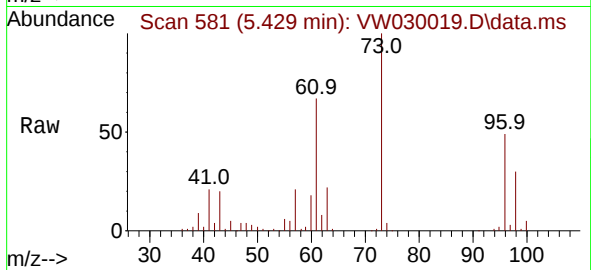
Tgt Ion: 96 Resp: 76028
Ion Ratio Lower Upper
96 100
61 137.6 111.2 206.6
98 61.3 45.0 83.6



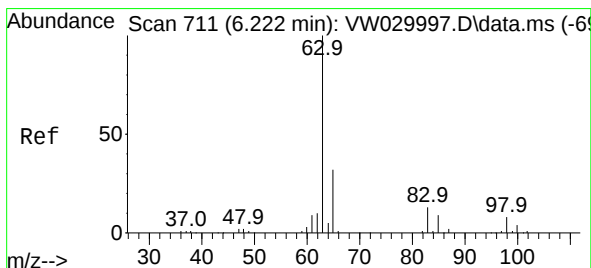
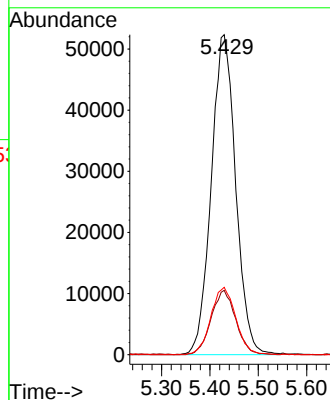
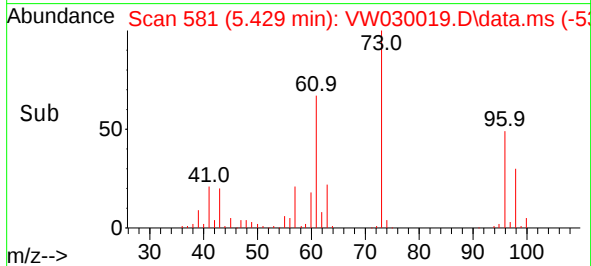


#18
Methyl tert-butyl Ether
Concen: 26.926 ug/L
RT: 5.429 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

Instrument :
MSVOA_W
ClientSampleId :

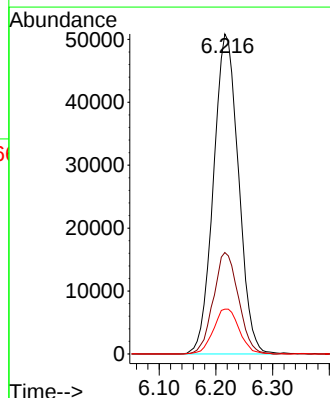
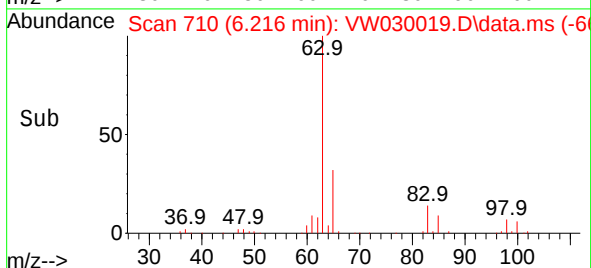
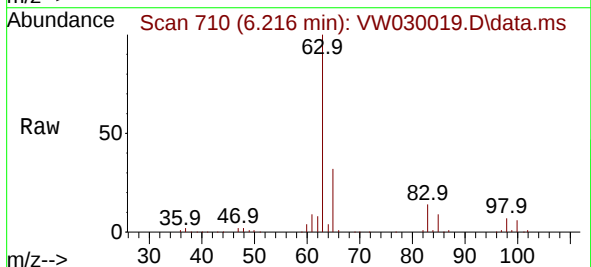


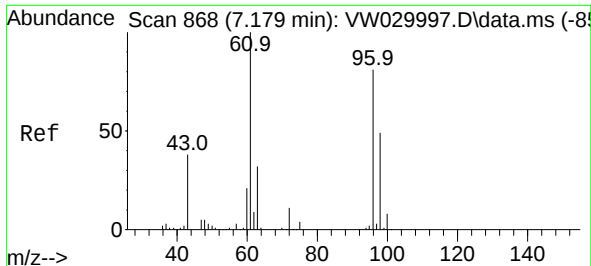
Tgt Ion: 73 Resp: 183733
Ion Ratio Lower Upper
73 100
43 20.0 18.3 27.5
57 21.5 17.9 26.9



#19
1,1-Dichloroethane
Concen: 17.847 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

Tgt Ion: 63 Resp: 155837
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.3
83 14.0 8.5 15.7





#20

cis-1,2-Dichloroethene

Concen: 20.262 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.012 min

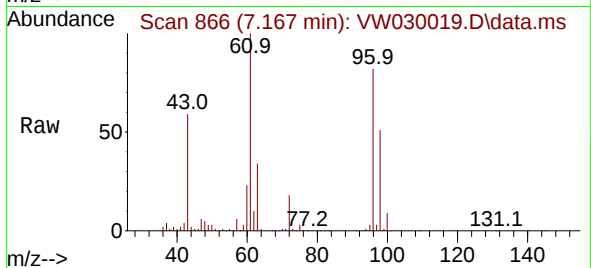
Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :



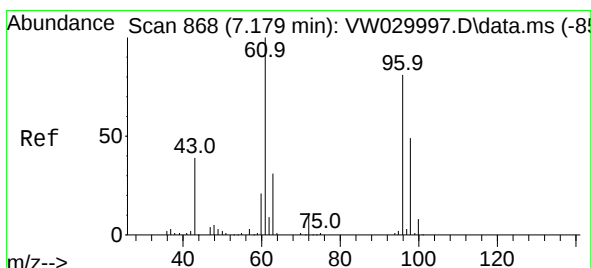
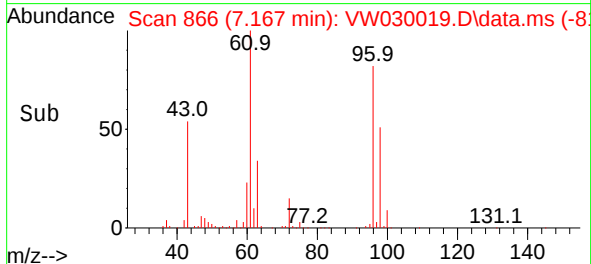
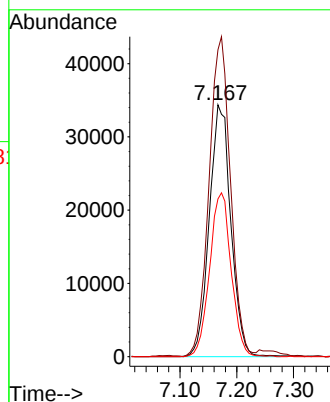
Tgt Ion: 96 Resp: 90995

Ion Ratio Lower Upper

96 100

61 121.8 98.2 182.4

98 62.7 41.9 77.9



#22

2-Butanone

Concen: 42.366 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW030019.D

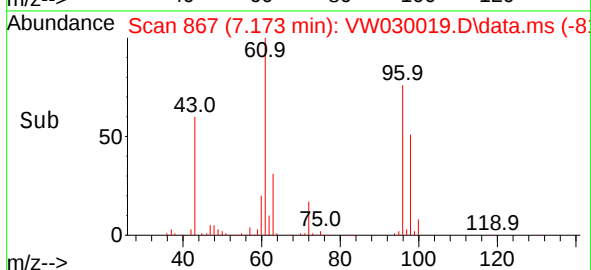
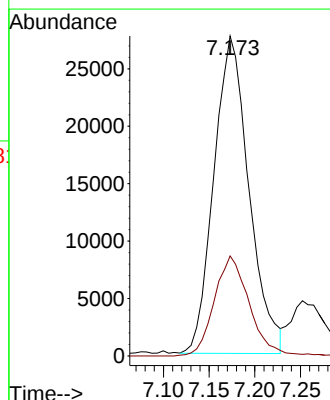
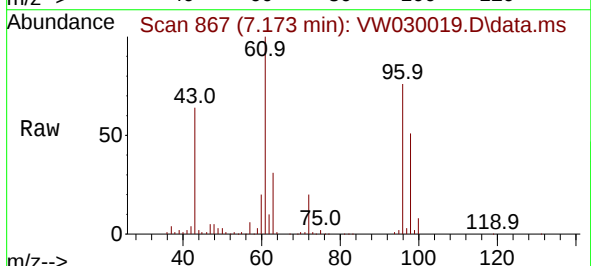
Acq: 23 Aug 2024 18:42

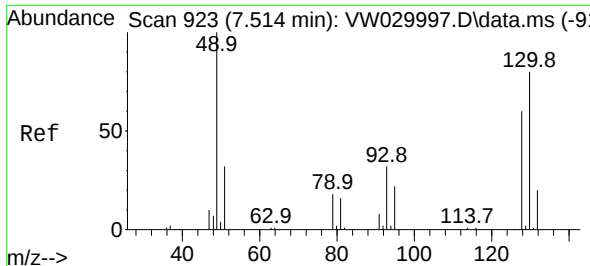
Tgt Ion: 43 Resp: 73823

Ion Ratio Lower Upper

43 100

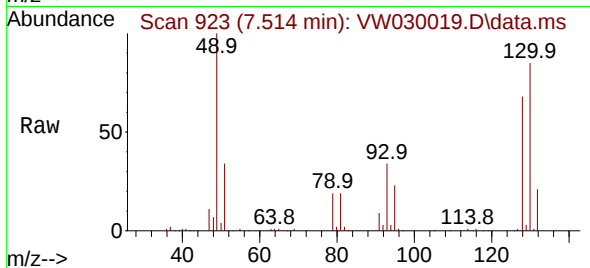
72 31.2 11.7 35.1



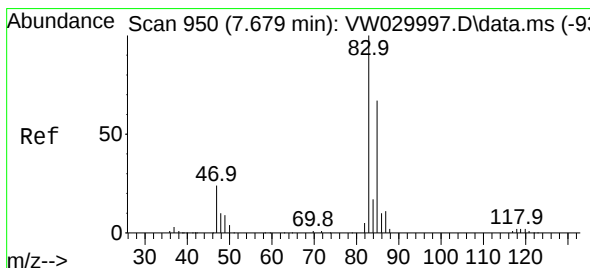
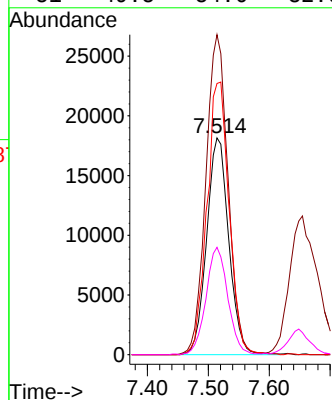
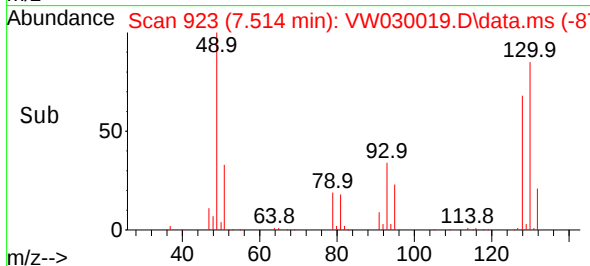


#23
Bromochloromethane
Concen: 24.040 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

Instrument :
MSVOA_W
ClientSampleId :

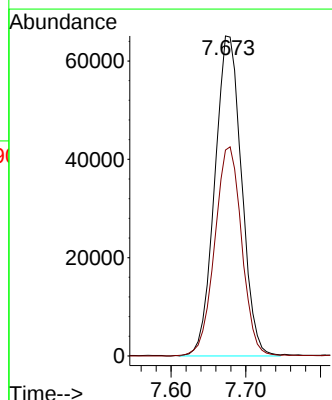
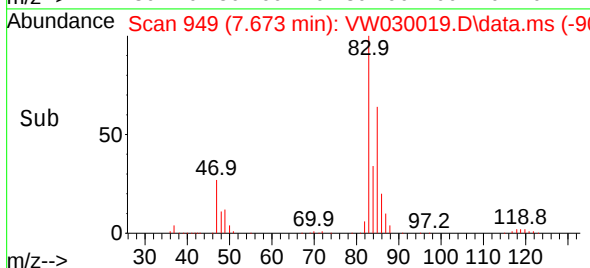
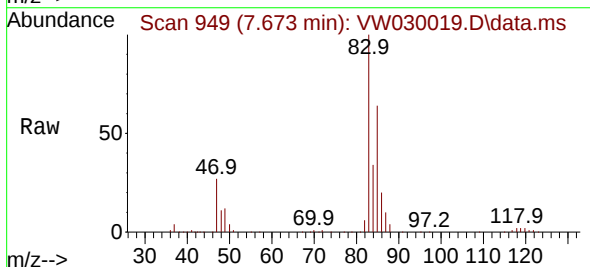


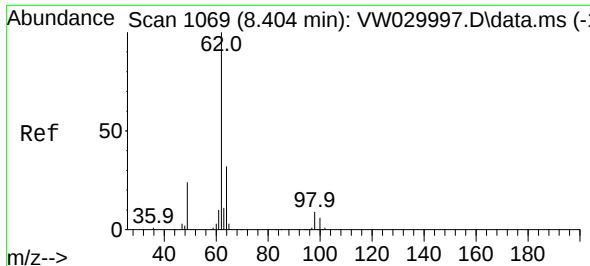
Tgt Ion:128 Resp: 45835
Ion Ratio Lower Upper
128 100
49 147.6 151.1 280.7#
130 125.1 96.8 179.8
51 49.5 54.6 82.0#



#25
Chloroform
Concen: 19.733 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

Tgt Ion: 83 Resp: 162345
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.4





#27

1,2-Dichloroethane

Concen: 20.403 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

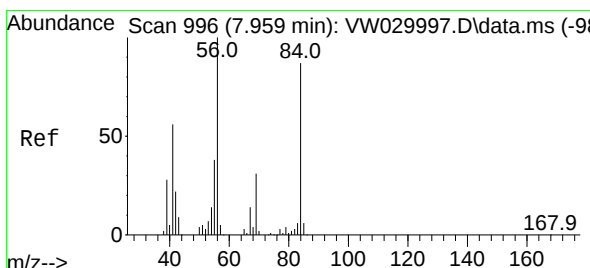
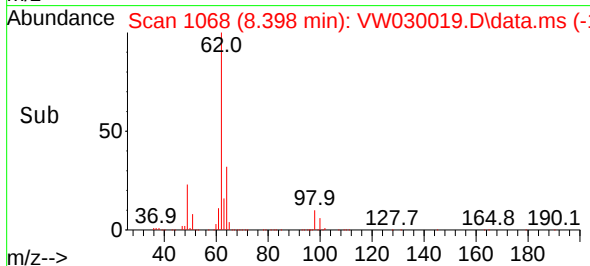
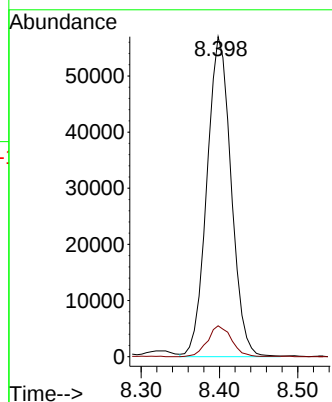
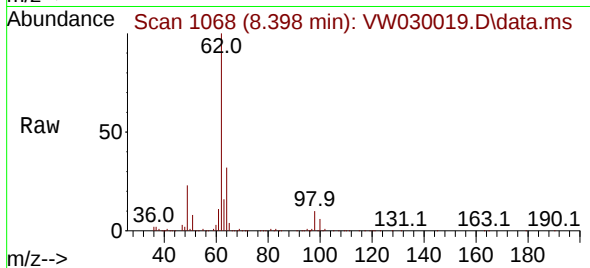
ClientSampleId :

Tgt Ion: 62 Resp: 122330

Ion Ratio Lower Upper

62 100

98 9.6 6.6 10.0



#29

Cyclohexane

Concen: 12.439 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

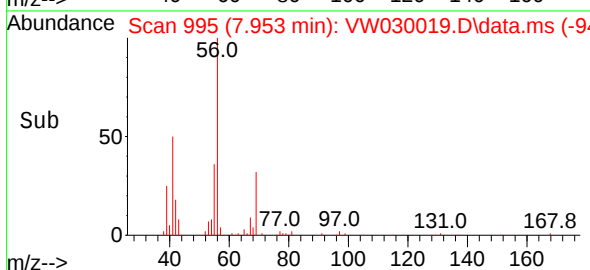
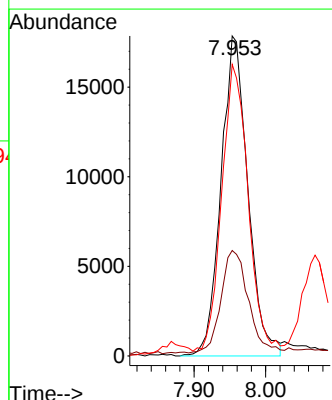
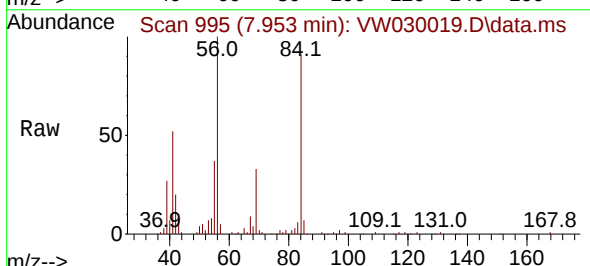
Tgt Ion: 56 Resp: 46594

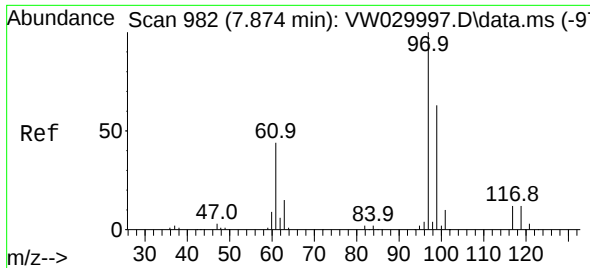
Ion Ratio Lower Upper

56 100

69 32.5 23.0 34.4

84 89.6 63.5 95.3





#30

1,1,1-Trichloroethane

Concen: 31.150 ug/L

RT: 7.868 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

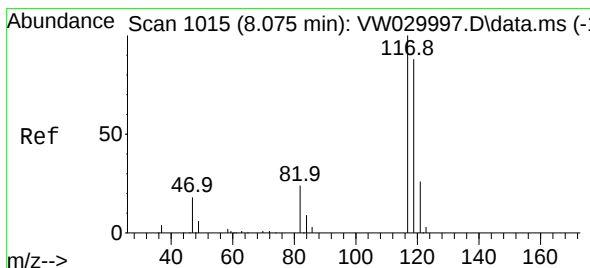
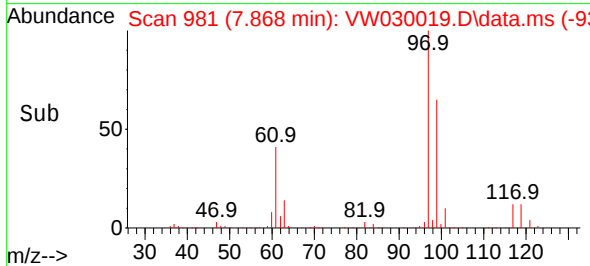
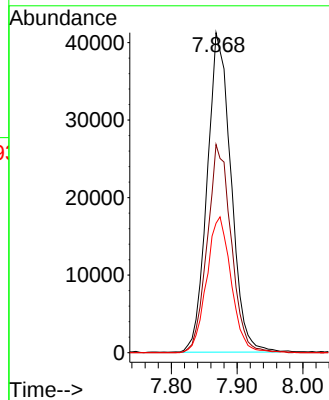
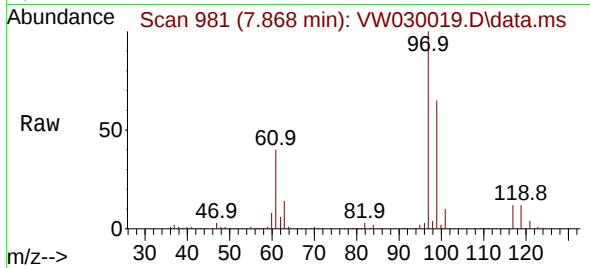
Tgt Ion: 97 Resp: 103978

Ion Ratio Lower Upper

97 100

99 65.7 52.1 78.1

61 44.0 42.6 63.8



#31

Carbon tetrachloride

Concen: 26.009 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030019.D

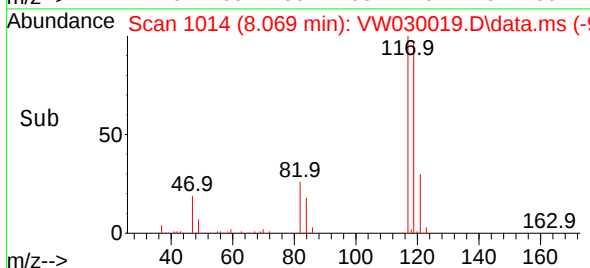
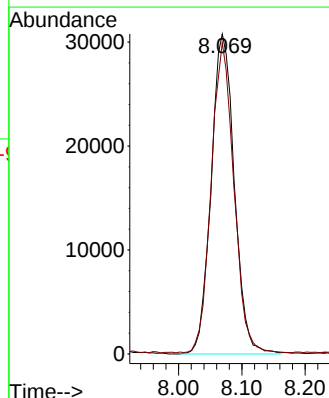
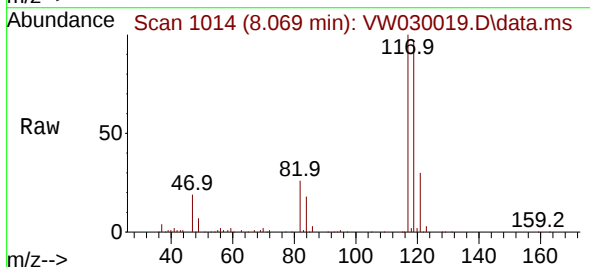
Acq: 23 Aug 2024 18:42

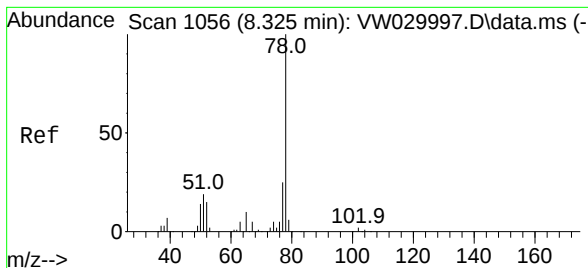
Tgt Ion: 117 Resp: 78229

Ion Ratio Lower Upper

117 100

119 94.5 74.8 112.2





#33

Benzene

Concen: 31.469 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW030019.D

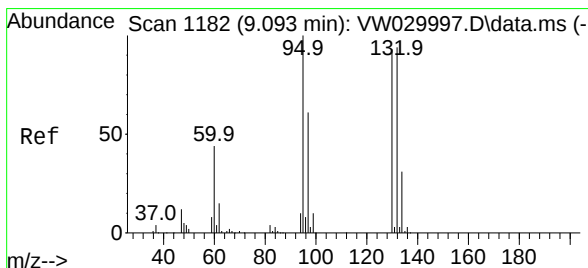
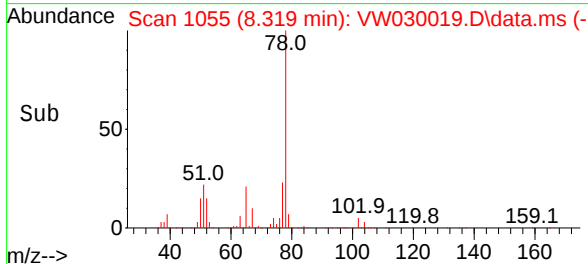
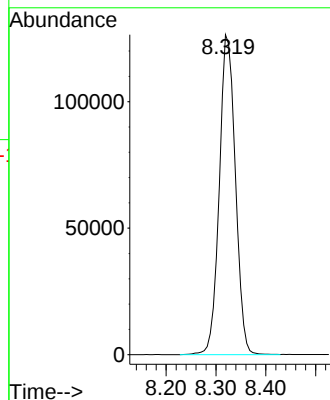
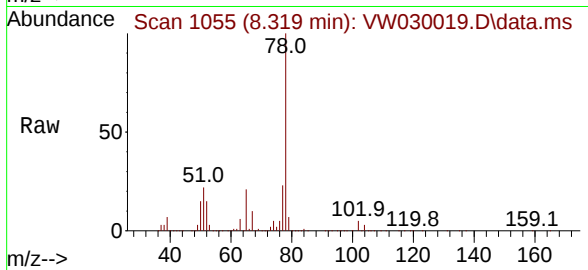
Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 284204



#34

Trichloroethene

Concen: 25.057 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Tgt Ion: 95 Resp: 59323

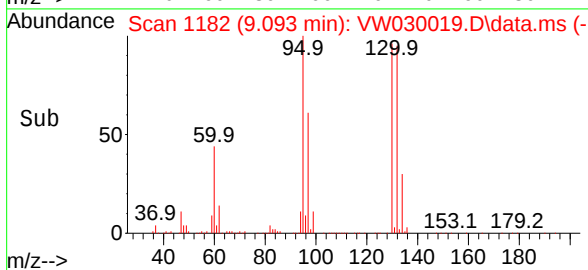
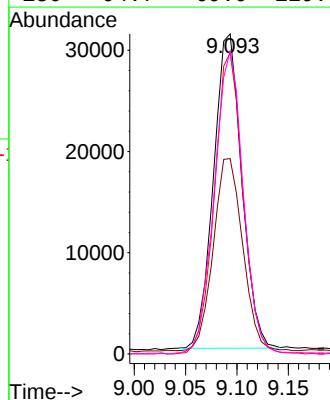
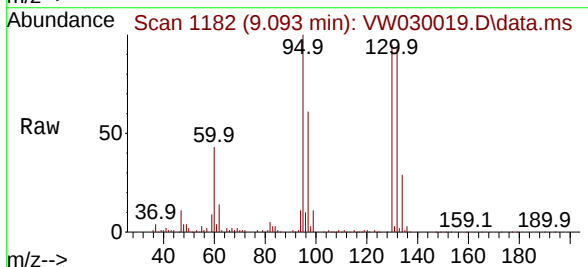
Ion Ratio Lower Upper

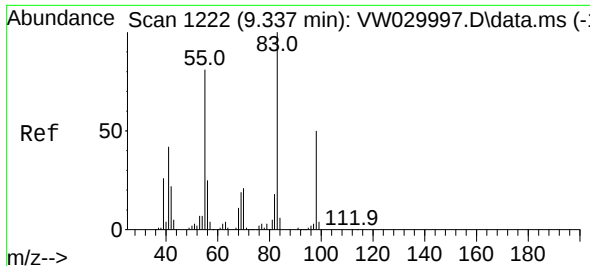
95 100

97 61.0 45.6 84.8

132 94.1 65.2 121.0

130 94.7 69.9 129.7





#35

Methylcyclohexane

Concen: 8.673 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

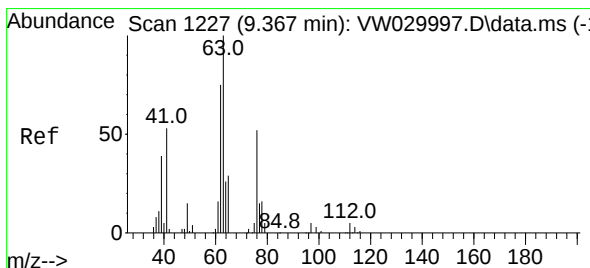
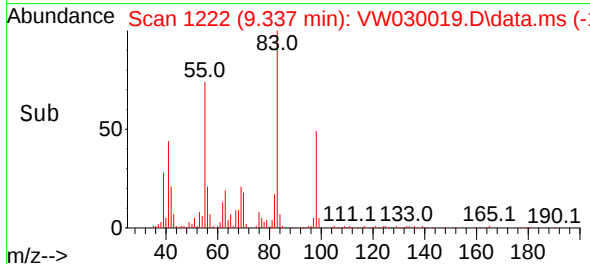
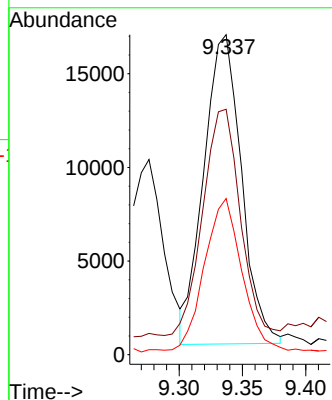
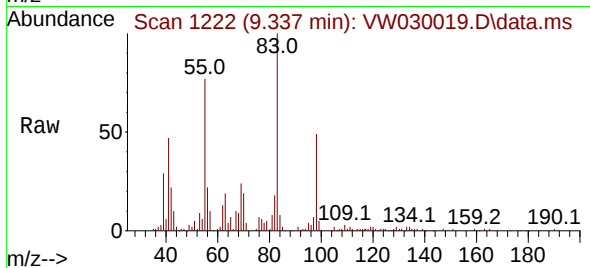
Tgt Ion: 83 Resp: 34217

Ion Ratio Lower Upper

83 100

55 72.4 67.4 101.2

98 48.4 36.7 55.1



#37

1,2-Dichloropropane

Concen: 30.838 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030019.D

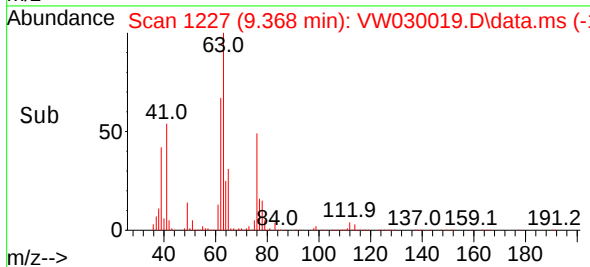
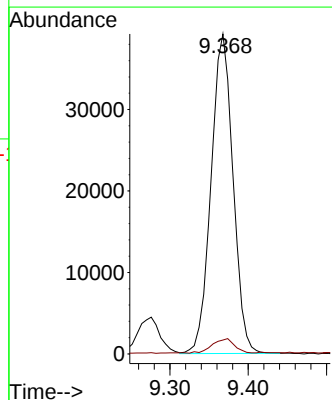
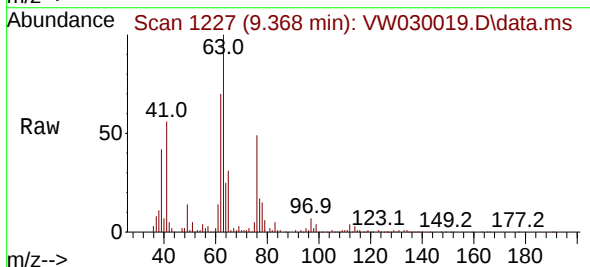
Acq: 23 Aug 2024 18:42

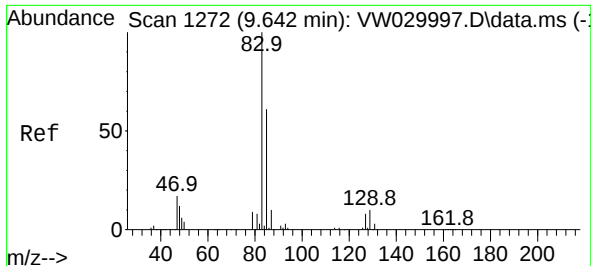
Tgt Ion: 63 Resp: 76322

Ion Ratio Lower Upper

63 100

112 4.6 3.3 4.9





#38

Bromodichloromethane

Concen: 34.968 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

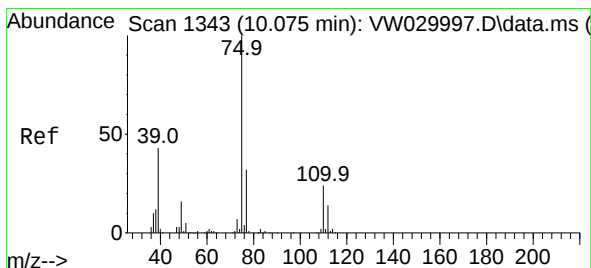
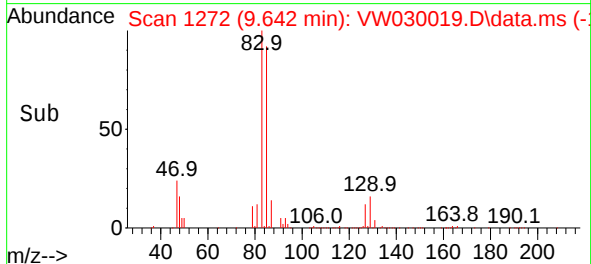
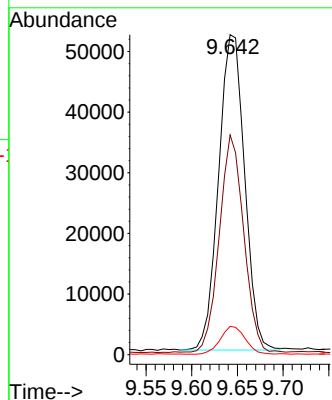
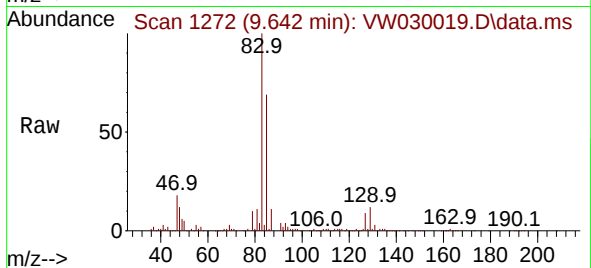
Tgt Ion: 83 Resp: 103059

Ion Ratio Lower Upper

83 100

85 68.6 46.6 86.6

127 8.8 5.9 8.9



#39

cis-1,3-Dichloropropene

Concen: 33.047 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030019.D

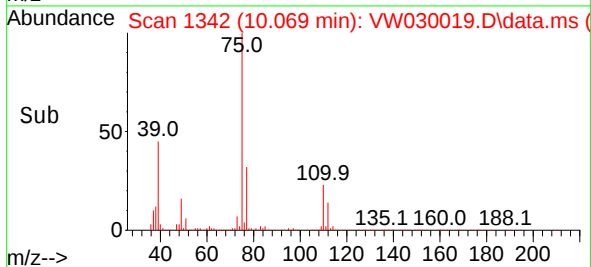
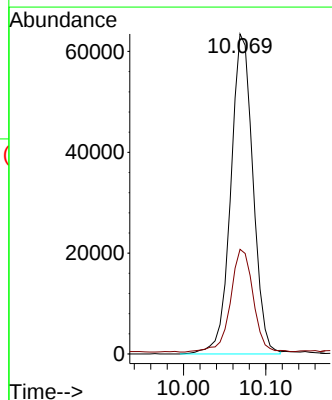
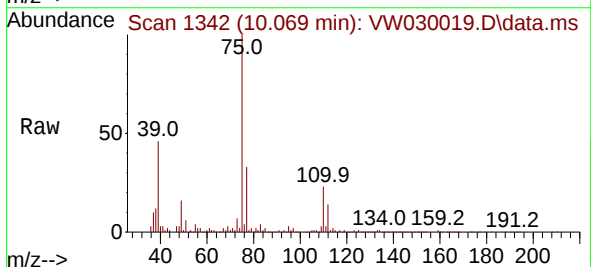
Acq: 23 Aug 2024 18:42

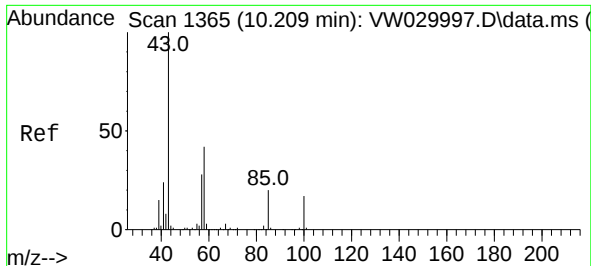
Tgt Ion: 75 Resp: 119113

Ion Ratio Lower Upper

75 100

77 32.7 20.8 38.6





#40

4-Methyl-2-pentanone

Concen: 95.993 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

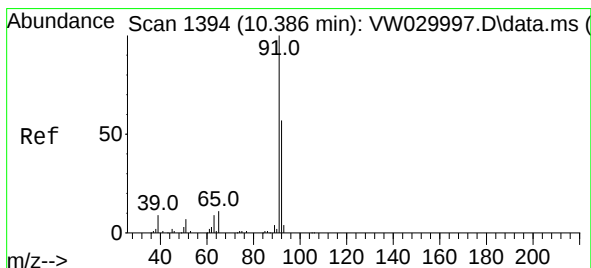
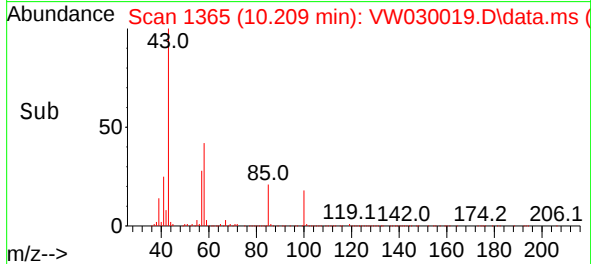
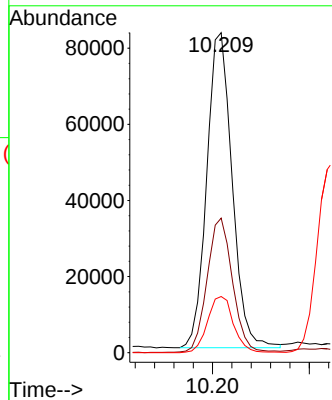
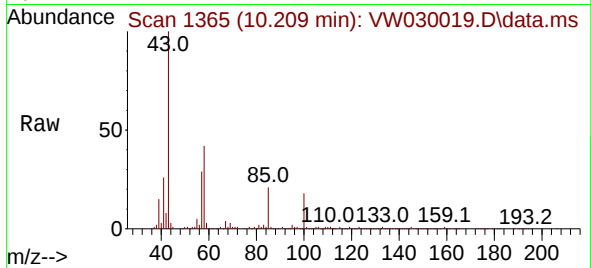
Tgt Ion: 43 Resp: 150905

Ion Ratio Lower Upper

43 100

58 42.7 28.7 43.1

100 18.2 10.0 15.0#



#42

Toluene

Concen: 21.723 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030019.D

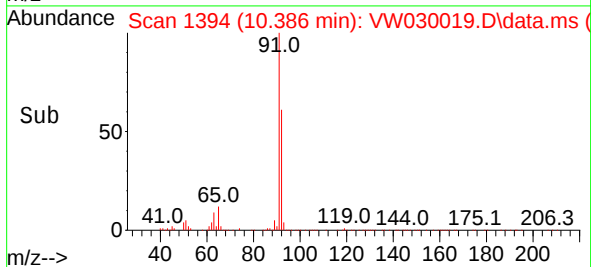
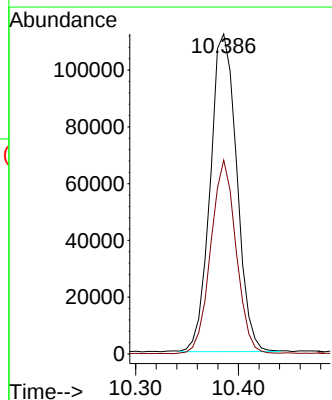
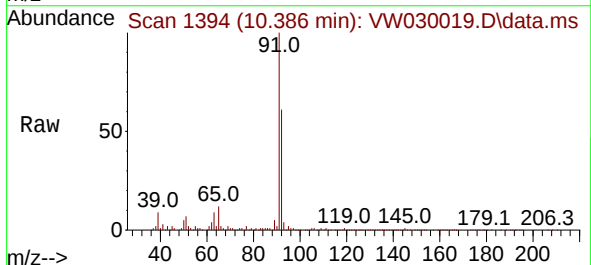
Acq: 23 Aug 2024 18:42

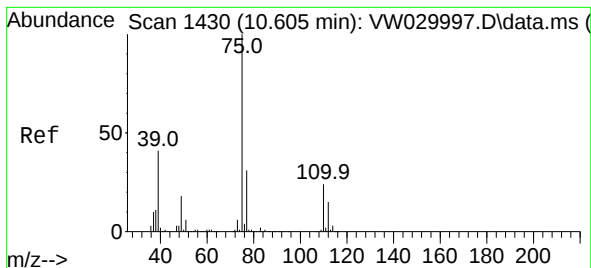
Tgt Ion: 91 Resp: 200252

Ion Ratio Lower Upper

91 100

92 60.6 39.5 73.4





#44

trans-1,3-Dichloropropene

Concen: 33.564 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

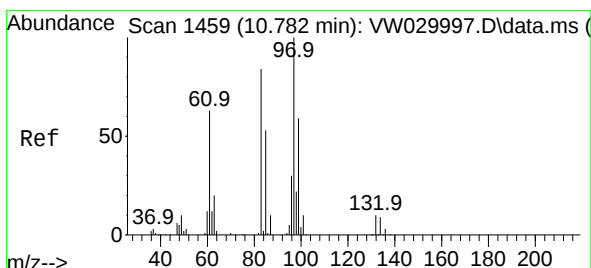
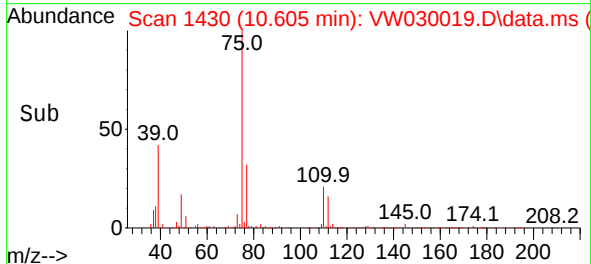
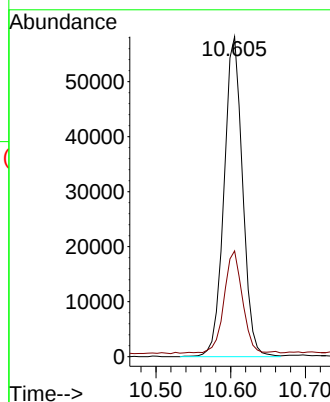
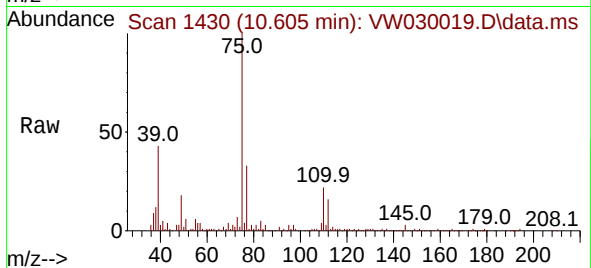
ClientSampleId :

Tgt Ion: 75 Resp: 100430

Ion Ratio Lower Upper

75 100

77 33.0 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 40.765 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Tgt Ion: 97 Resp: 67779

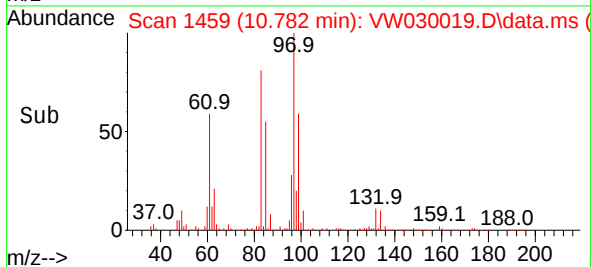
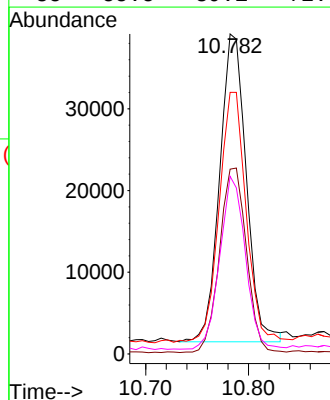
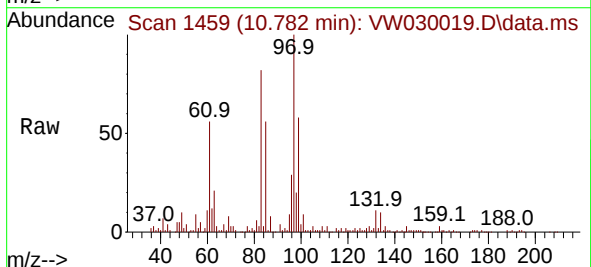
Ion Ratio Lower Upper

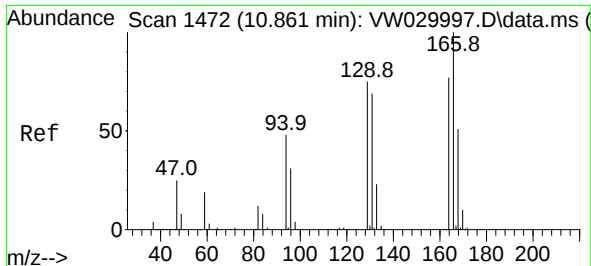
97 100

99 57.7 40.1 74.5

83 81.8 58.5 108.7

85 55.5 39.1 72.7





#46

Tetrachloroethene

Concen: 12.053 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

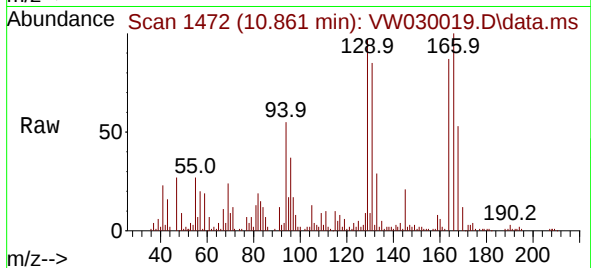
Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 20741

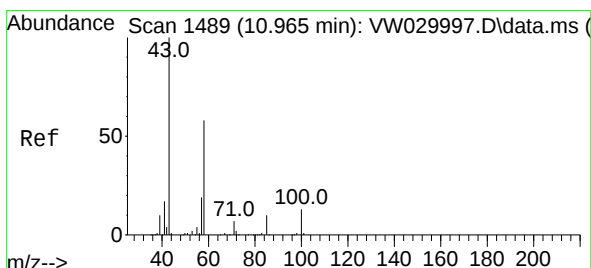
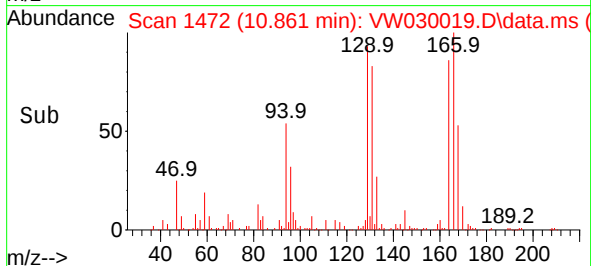
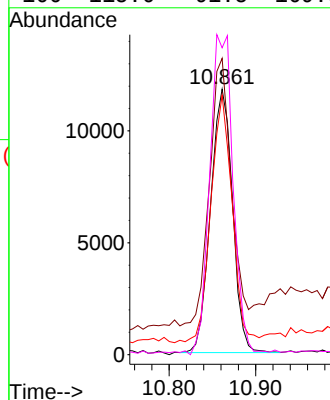
Ion Ratio Lower Upper

164 100

129 111.6 77.8 144.6

131 97.7 70.9 131.7

166 115.6 91.5 169.9



#48

2-Hexanone

Concen: 88.032 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Tgt Ion: 43 Resp: 103648

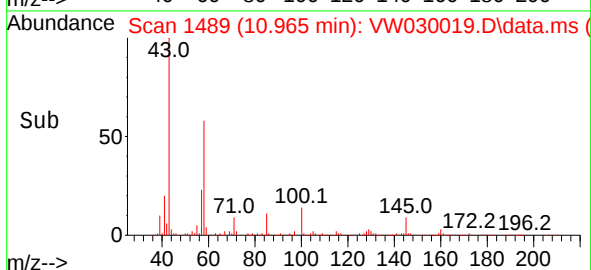
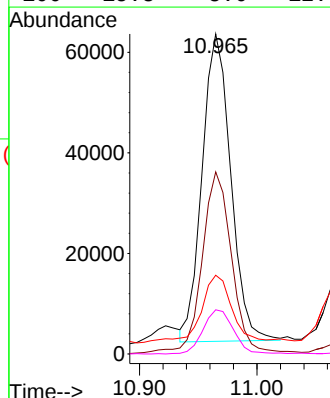
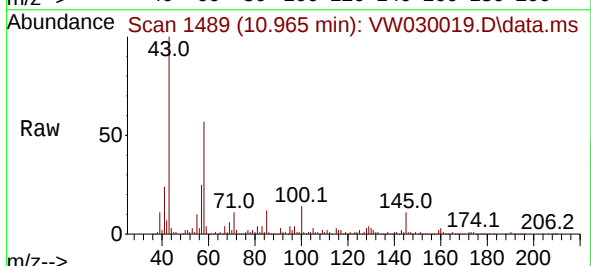
Ion Ratio Lower Upper

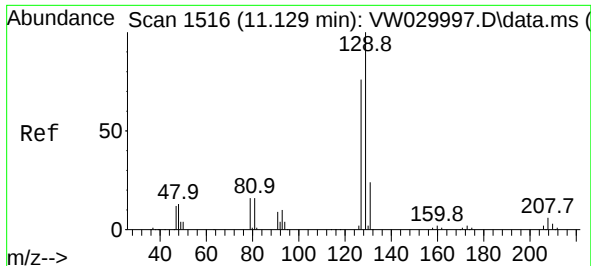
43 100

58 59.2 41.0 61.4

57 23.9 14.1 21.1#

100 15.3 8.0 12.0#





#49

Dibromochloromethane

Concen: 34.213 ug/L

RT: 11.123 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

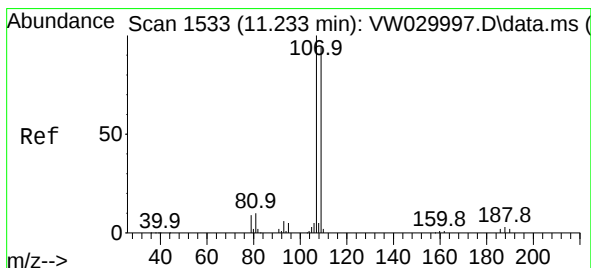
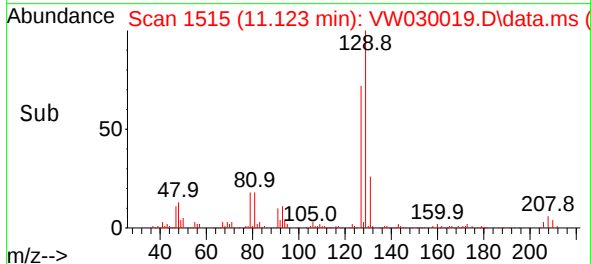
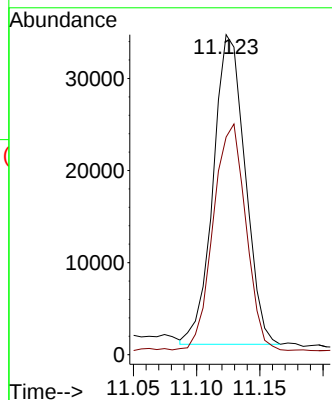
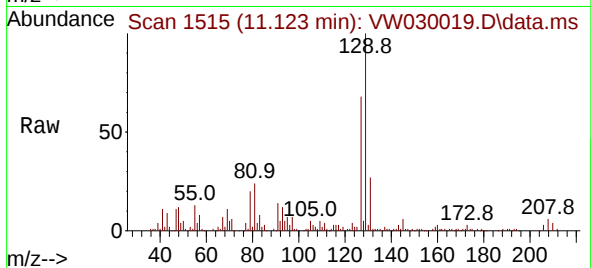
ClientSampleId :

Tgt Ion:129 Resp: 59053

Ion Ratio Lower Upper

129 100

127 68.0 52.4 97.2



#50

1,2-Dibromoethane

Concen: 39.016 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

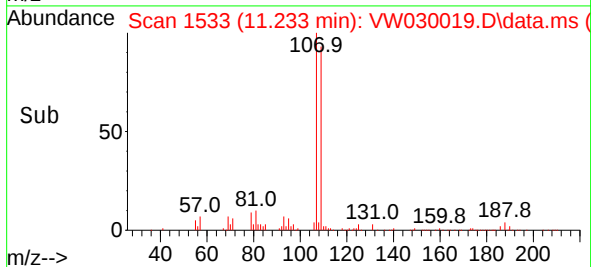
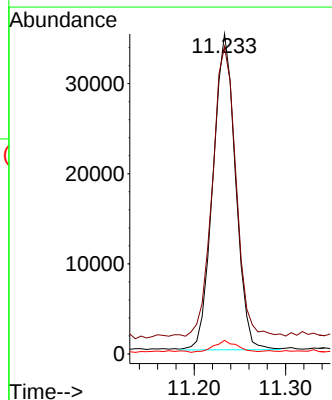
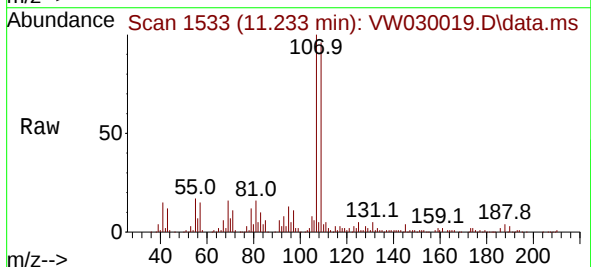
Tgt Ion:107 Resp: 60022

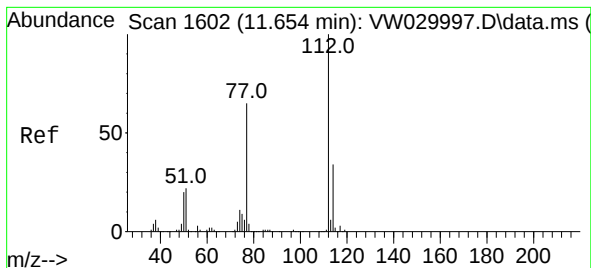
Ion Ratio Lower Upper

107 100

109 96.0 64.8 120.3

188 4.3 2.7 4.1#

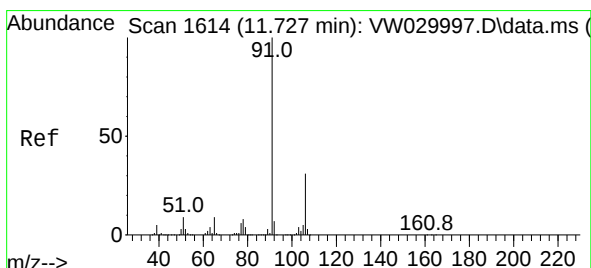
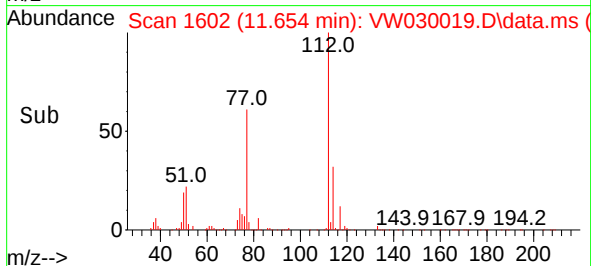
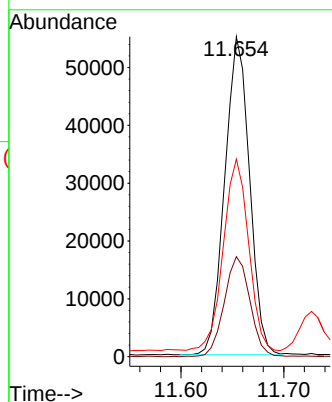
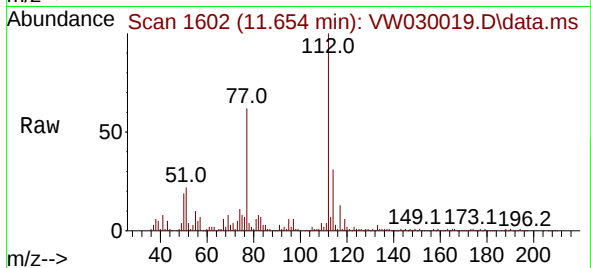




#51
Chlorobenzene
Concen: 16.066 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

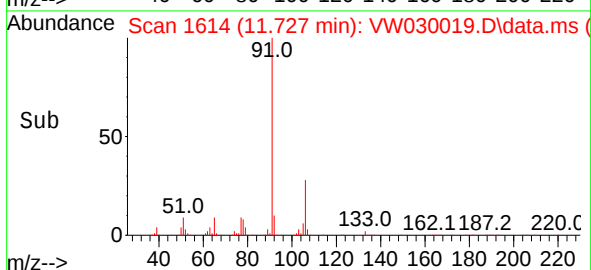
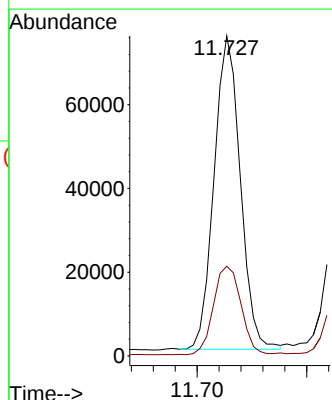
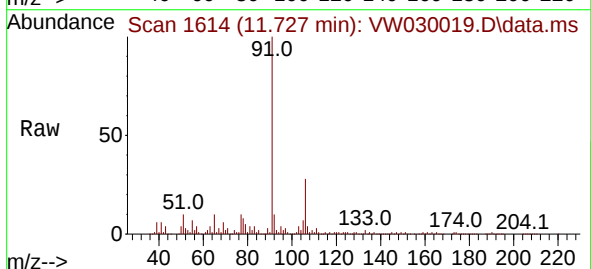
Instrument :
MSVOA_W
ClientSampleId :

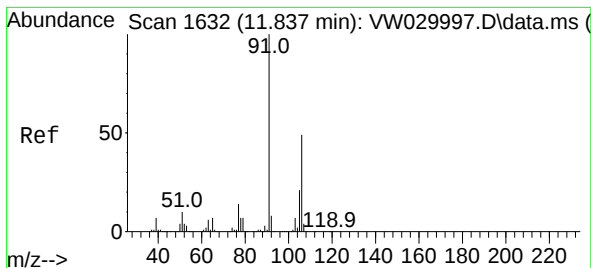
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.0	40.8
77	61.7	53.8	80.8



#52
Ethylbenzene
Concen: 11.952 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.1	20.4	38.0





#53

m,p-Xylene

Concen: 11.373 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

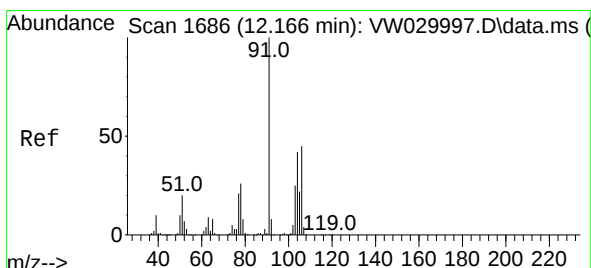
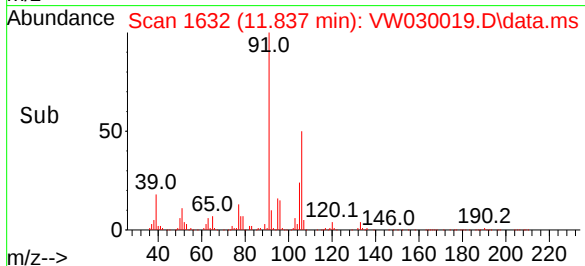
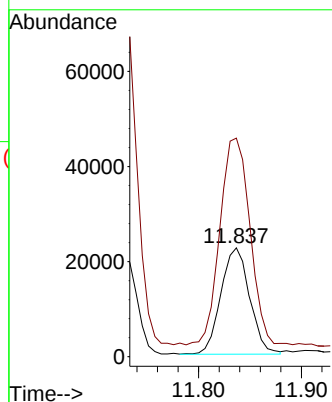
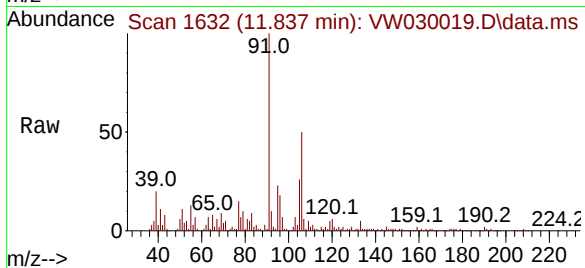
ClientSampleId :

Tgt Ion:106 Resp: 43494

Ion Ratio Lower Upper

106 100

91 200.9 151.4 281.2



#54

o-Xylene

Concen: 11.093 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW030019.D

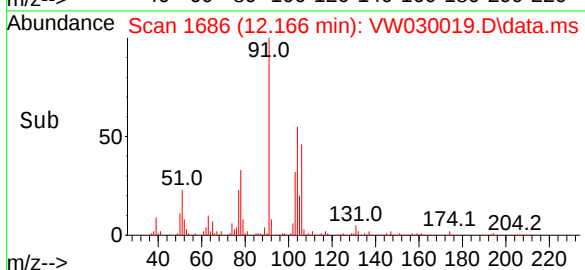
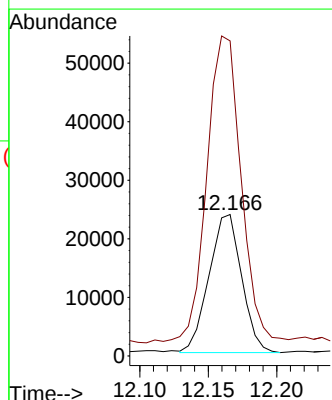
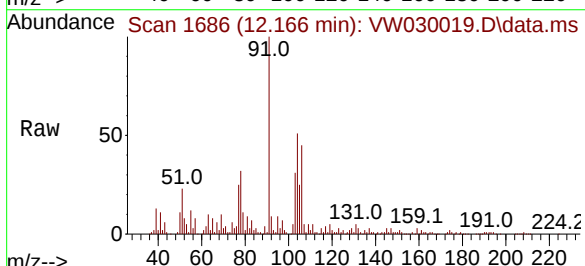
Acq: 23 Aug 2024 18:42

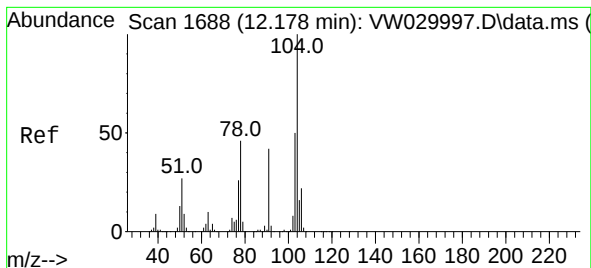
Tgt Ion:106 Resp: 39066

Ion Ratio Lower Upper

106 100

91 222.9 155.8 289.4





#55

Styrene

Concen: 12.726 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

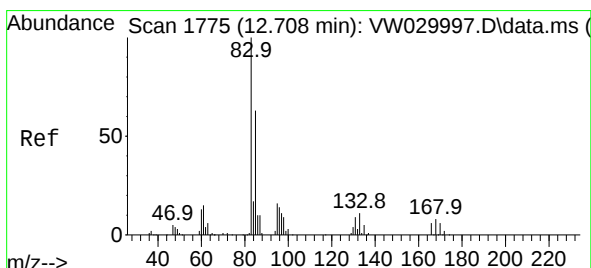
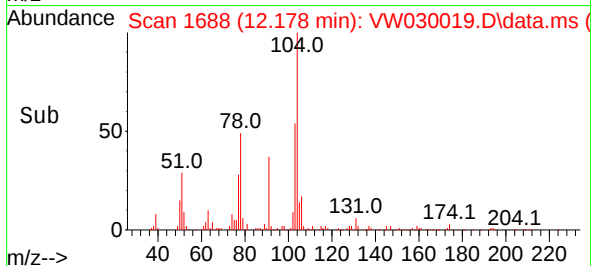
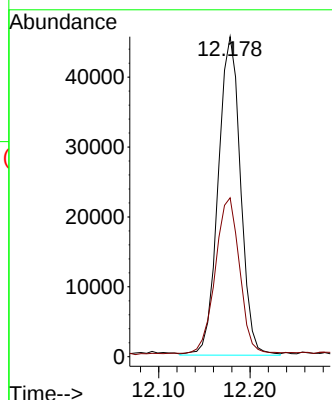
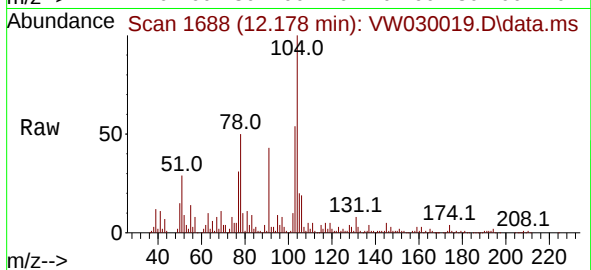
ClientSampleId :

Tgt Ion:104 Resp: 77688

Ion Ratio Lower Upper

104 100

78 49.6 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 27.450 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

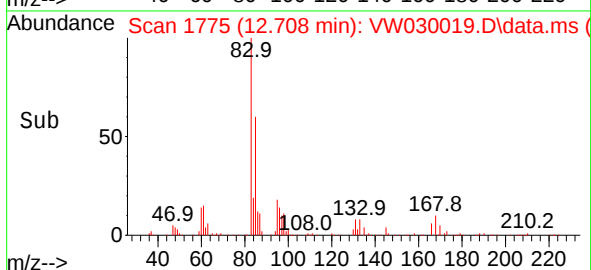
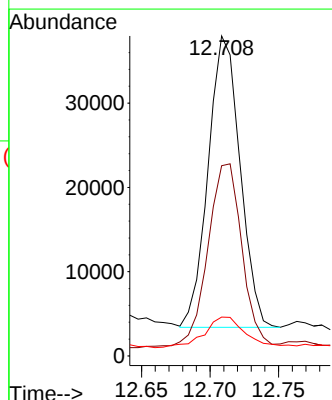
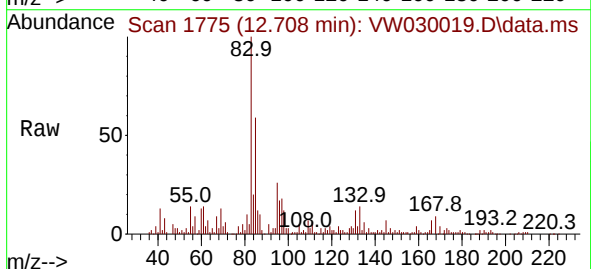
Tgt Ion: 83 Resp: 56018

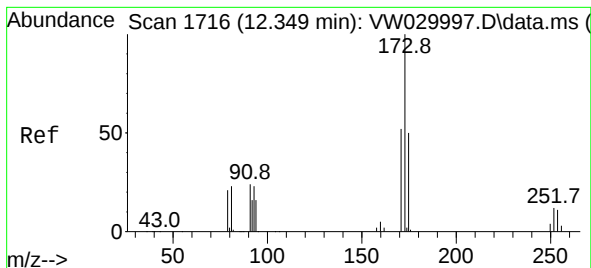
Ion Ratio Lower Upper

83 100

85 59.5 44.2 82.0

131 12.2 6.2 9.2#





#59

Bromoform

Concen: 92.524 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

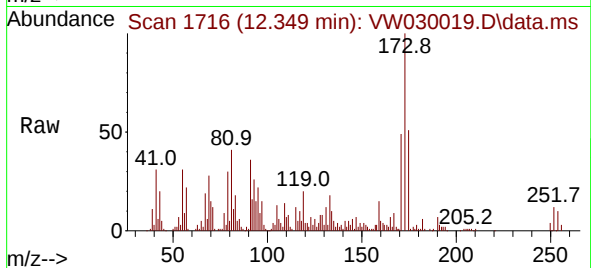
Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :



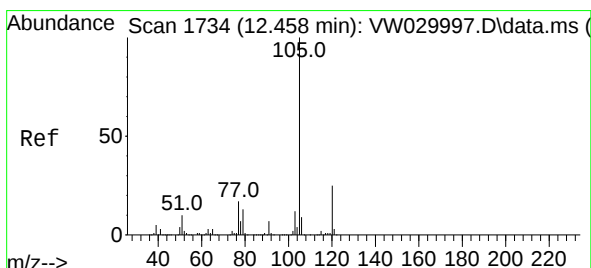
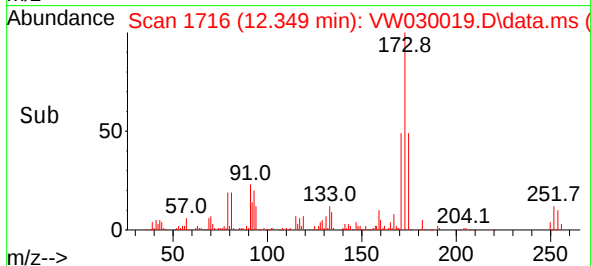
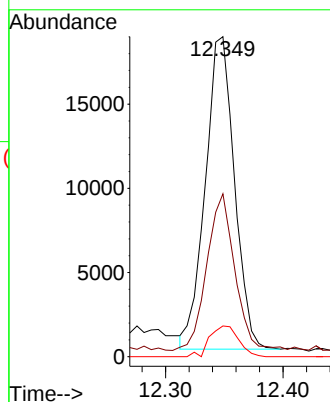
Tgt Ion:173 Resp: 32039

Ion Ratio Lower Upper

173 100

175 48.1 38.1 57.1

254 9.4 7.8 11.6



#60

Isopropylbenzene

Concen: 18.817 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

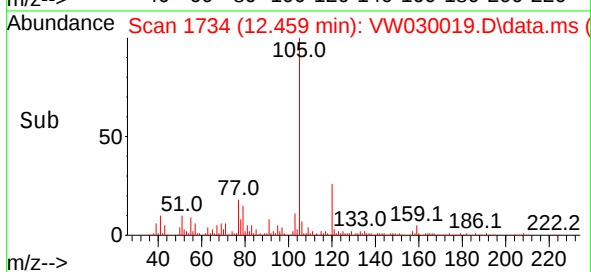
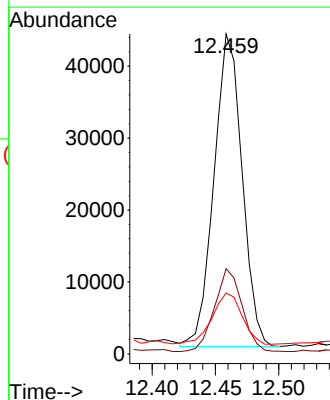
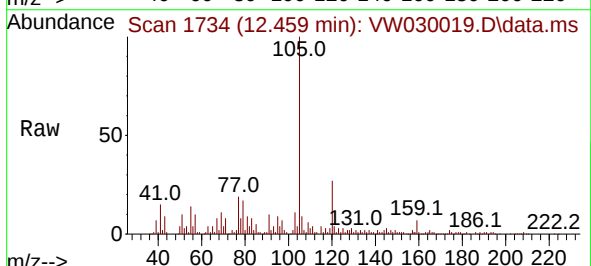
Tgt Ion:105 Resp: 67008

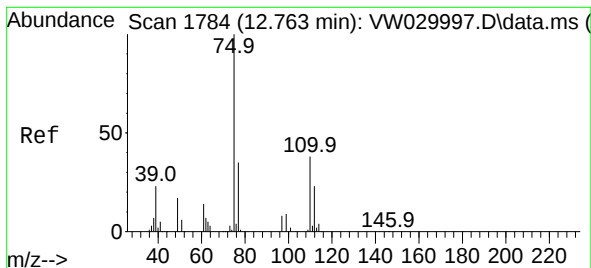
Ion Ratio Lower Upper

105 100

120 26.0 20.3 30.5

77 17.4 14.0 21.0





#61

1,2,3-Trichloropropane

Concen: 87.490 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

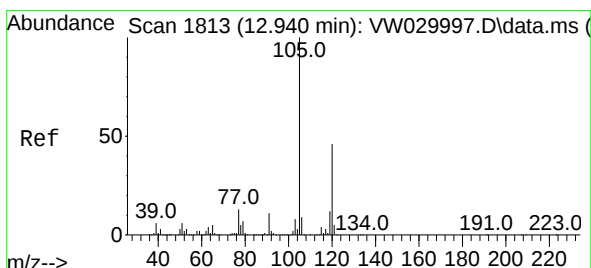
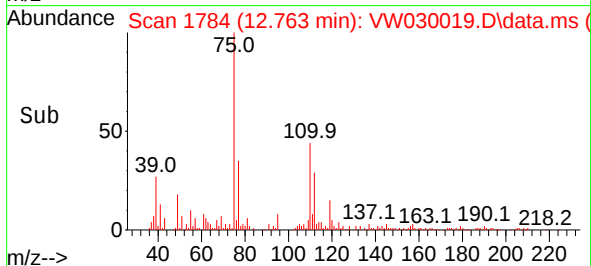
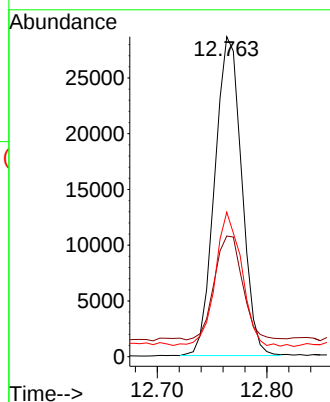
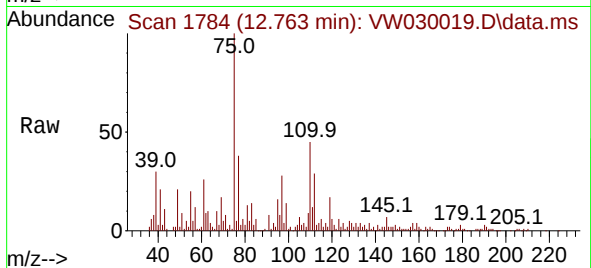
Tgt Ion: 75 Resp: 48969

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.0

110 41.3 28.6 43.0



#62

1,3,5-Trimethylbenzene

Concen: 15.269 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030019.D

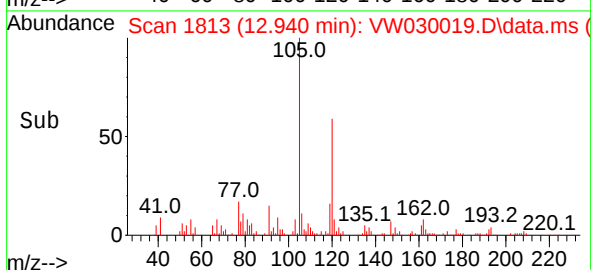
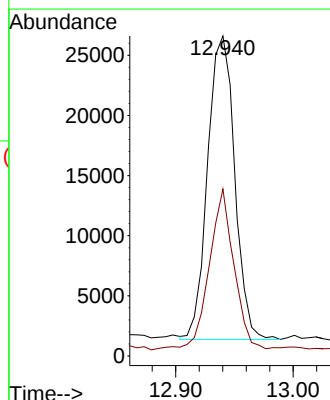
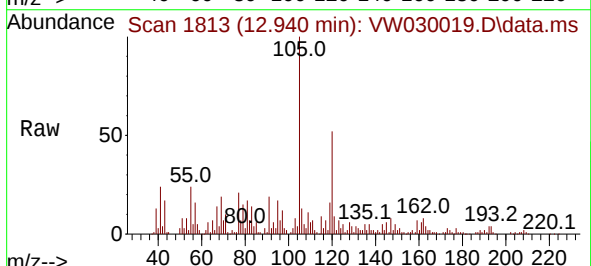
Acq: 23 Aug 2024 18:42

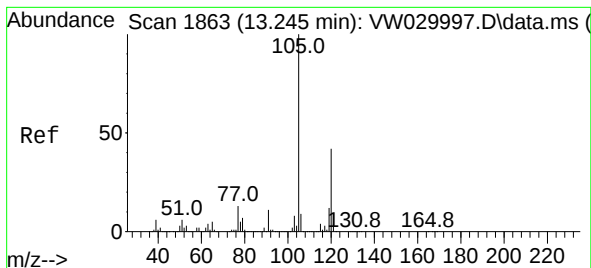
Tgt Ion:105 Resp: 40417

Ion Ratio Lower Upper

105 100

120 47.2 38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 15.680 ug/L

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

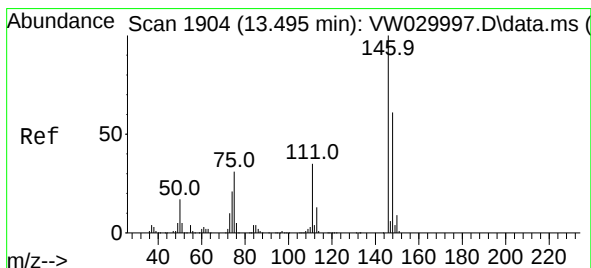
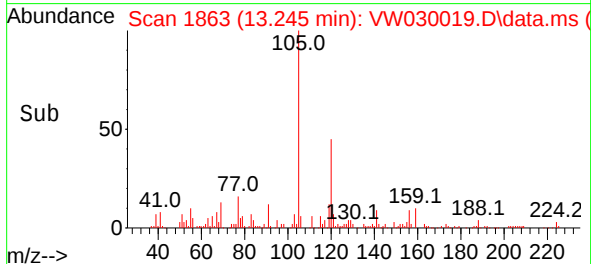
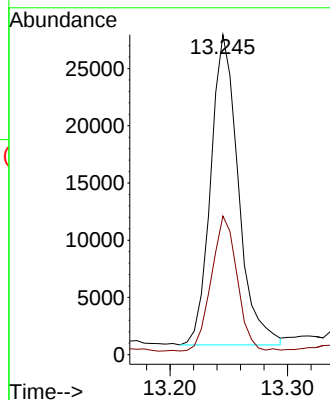
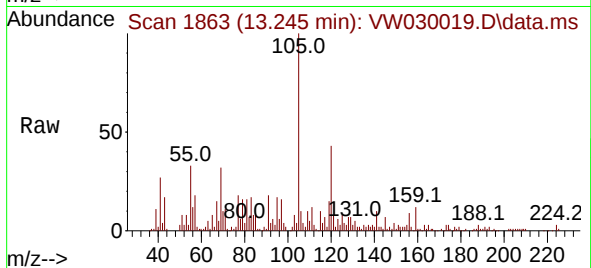
ClientSampleId :

Tgt Ion:105 Resp: 44387

Ion Ratio Lower Upper

105 100

120 40.2 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 16.736 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

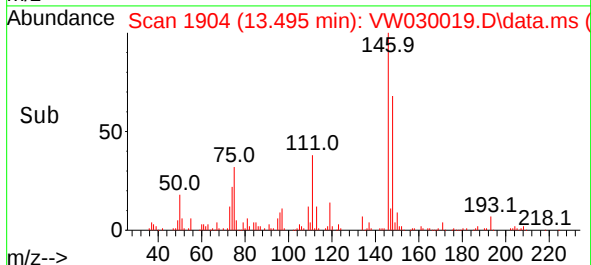
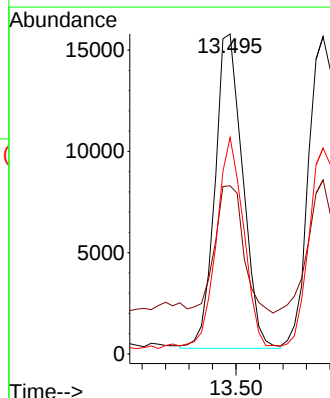
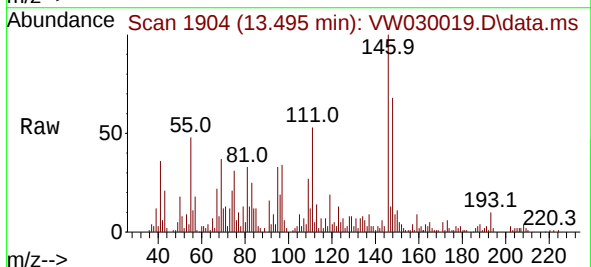
Tgt Ion:146 Resp: 25428

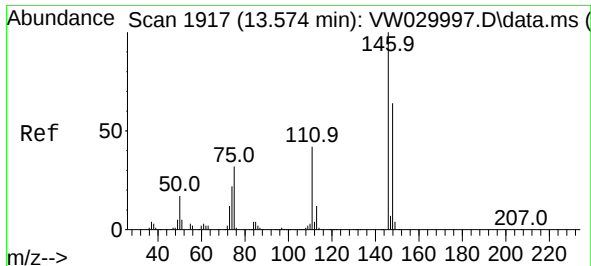
Ion Ratio Lower Upper

146 100

111 52.6 28.7 53.3

148 67.6 43.4 80.6





#65

1,4-Dichlorobenzene

Concen: 16.784 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030019.D

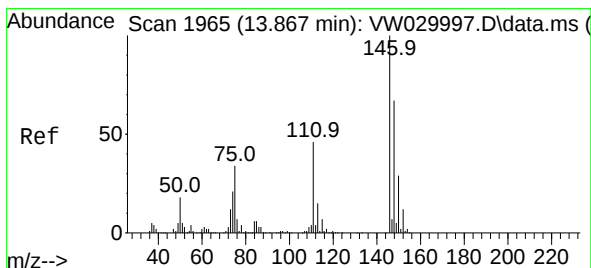
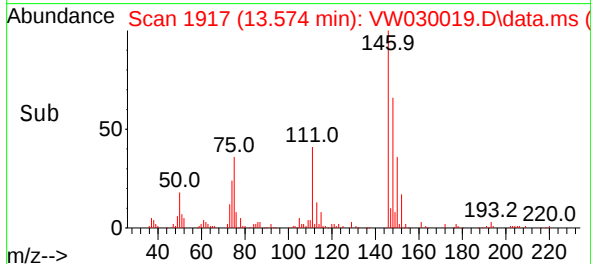
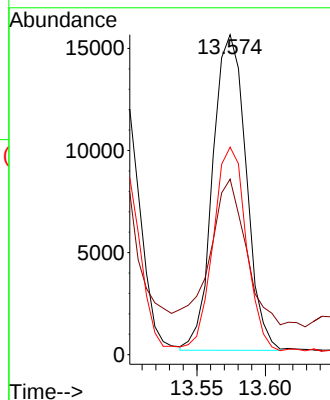
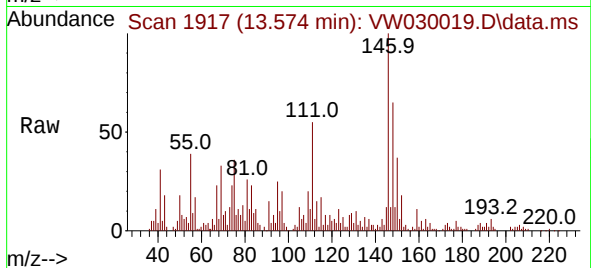
Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	26195
Ion Ratio	Lower	Upper
146	100	
111	54.8	30.1 55.9
148	64.9	45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 18.688 ug/L

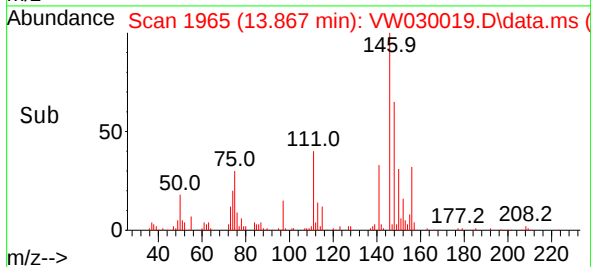
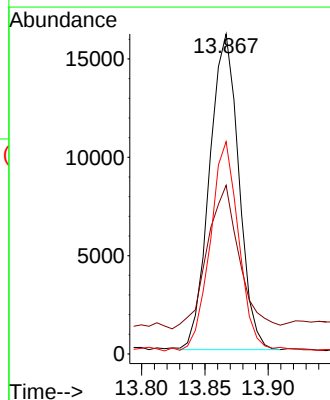
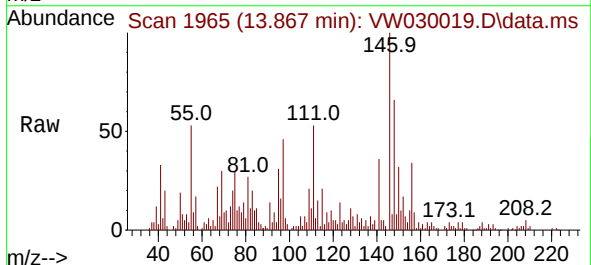
RT: 13.867 min Scan# 1965

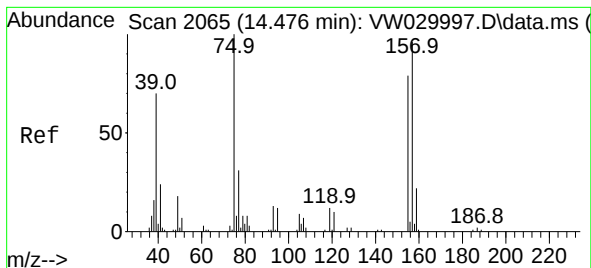
Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

Tgt Ion:146	Resp:	25850
Ion Ratio	Lower	Upper
146	100	
111	52.7	35.8 53.8
148	66.3	52.6 78.8

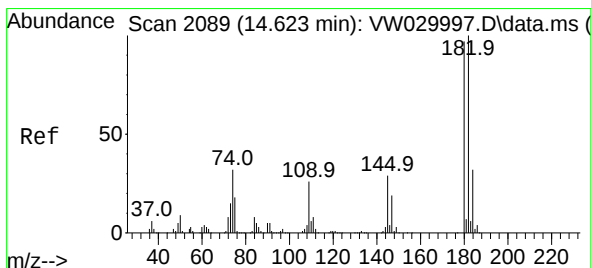
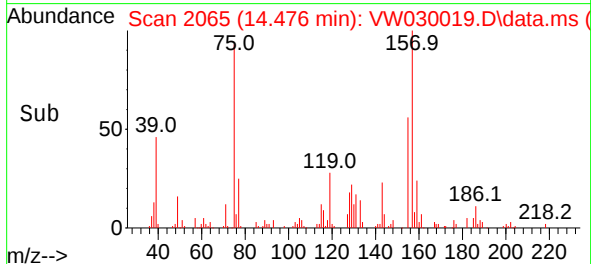
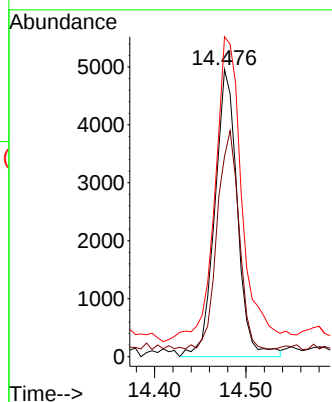
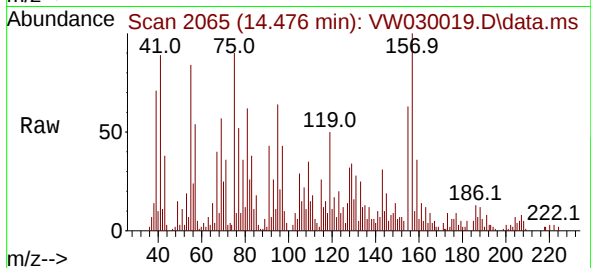




#68
1,2-Dibromo-3-chloropropane
Concen: 66.853 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

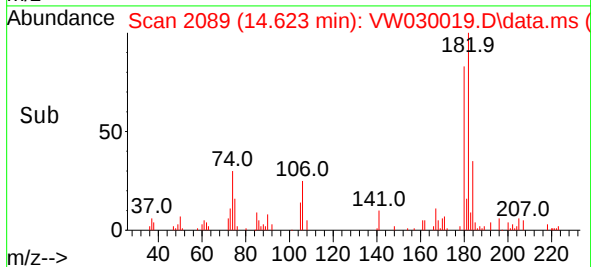
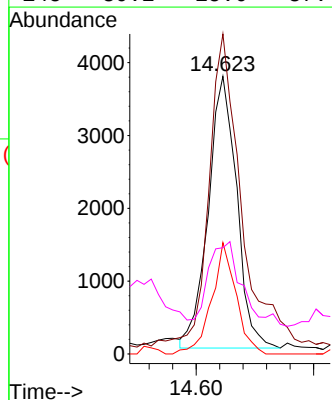
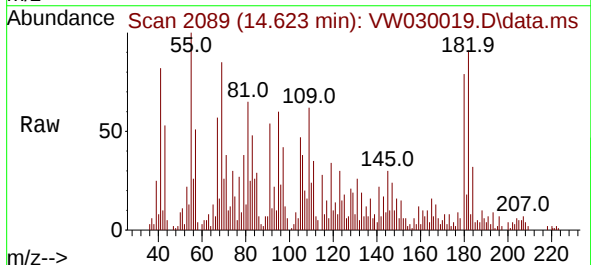
Instrument :
MSVOA_W
ClientSampleId :

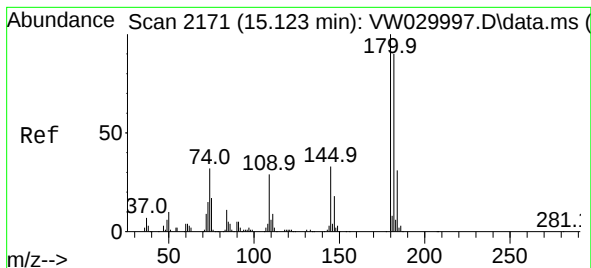
Tgt Ion: 75 Resp: 8496
Ion Ratio Lower Upper
75 100
155 69.8 47.8 71.6
157 111.4 63.7 95.5#



#69
1,3,5-Trichlorobenzene
Concen: 6.039 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030019.D
Acq: 23 Aug 2024 18:42

Tgt Ion:180 Resp: 6278
Ion Ratio Lower Upper
180 100
182 115.6 72.7 109.1#
184 35.0 23.3 34.9#
145 30.2 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 7.187 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW030019.D

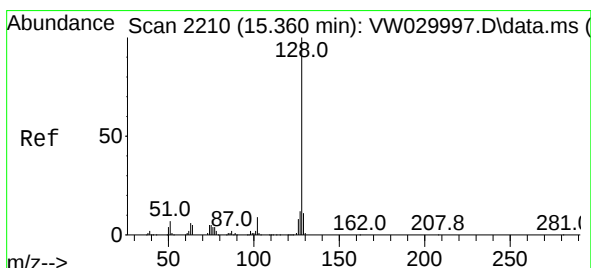
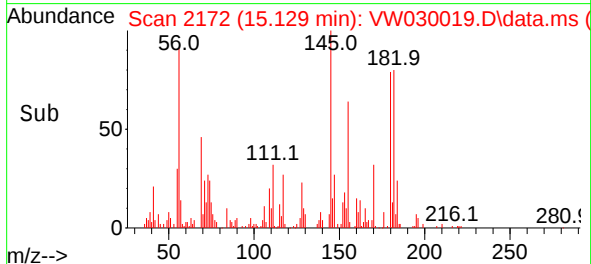
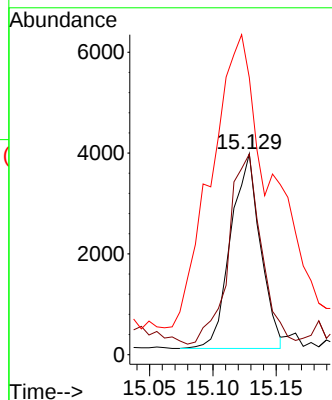
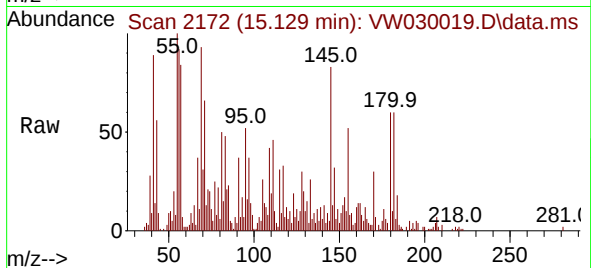
Acq: 23 Aug 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	180	Resp:	6294
Ion Ratio	Lower	Upper	
180	100		
182	111.0	80.2	120.4
145	231.0	26.3	39.5#



#71

Naphthalene

Concen: 23.413 ug/L

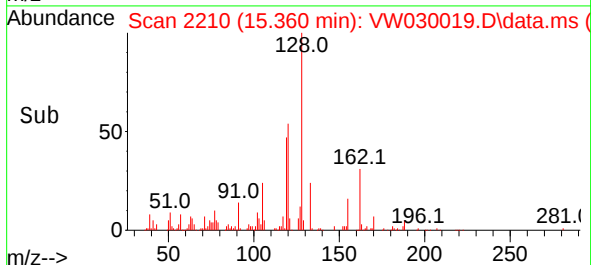
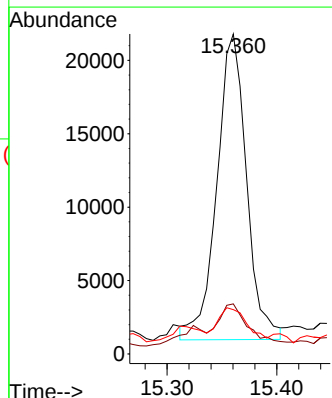
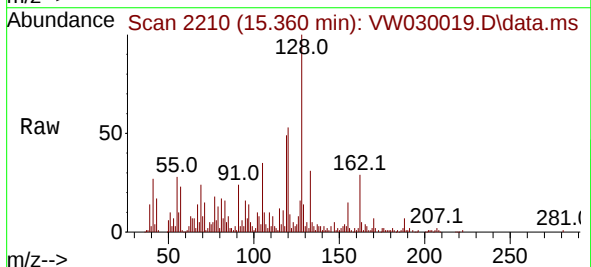
RT: 15.360 min Scan# 2210

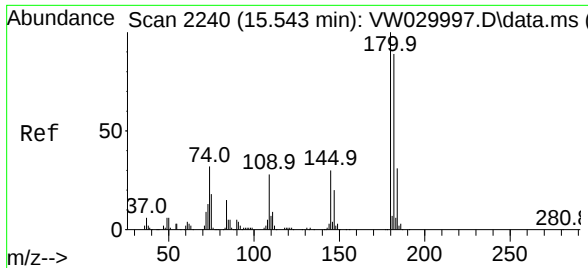
Delta R.T. 0.000 min

Lab File: VW030019.D

Acq: 23 Aug 2024 18:42

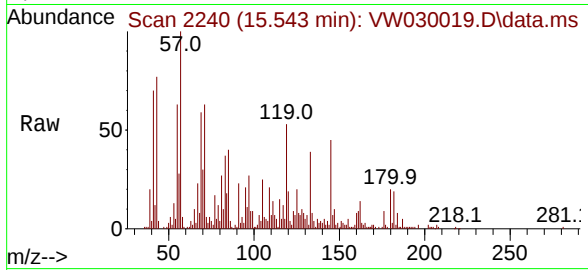
Tgt Ion:	128	Resp:	39124
Ion Ratio	Lower	Upper	
128	100		
127	11.4	10.7	16.1
129	8.9	8.9	13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 7.265 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030019.D
 Acq: 23 Aug 2024 18:42

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	5759
Ion Ratio	Lower	Upper	
180	100		
182	102.3	74.0	111.0
145	0.0	27.5	41.3#

