

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031419.D
 Acq On : 20 Dec 2024 11:48
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 22:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 21:58:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	552550	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	489578	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	242953	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	150243	18.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
7) Chloroethane-d5	2.899	69	128836	20.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	4.015	65	65284	16.554	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.200%
21) 2-Butanone-d5	7.100	46	72966	46.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.200%
24) Chloroform-d	7.648	84	293344	19.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.520%
26) 1,2-Dichloroethane-d4	8.307	65	169794	22.332	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.320%
32) Benzene-d6	8.270	84	592377	18.878	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.520%
36) 1,2-Dichloropropane-d6	9.270	67	180003	19.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.720%
41) Toluene-d8	10.319	98	539363	18.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.920%
43) trans-1,3-Dichloroprop...	10.575	79	71073	16.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.400%
47) 2-Hexanone-d5	10.922	63	56763	46.153	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	140372	24.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	186543	20.682	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.216	50	7054	1.257	ug/L	100
5) Vinyl chloride	2.369	62	8449	1.087	ug/L #	64
6) Bromomethane	2.789	94	5717	1.196	ug/L	99
8) Chloroethane	2.930	64	5150	1.114	ug/L	99
9) Trichlorofluoromethane	3.259	101	8454	1.021	ug/L	98
14) Carbon disulfide	4.381	76	18181	0.823	ug/L	100
15) Methyl Acetate	4.692	43	1345	0.543	ug/L #	83
17) trans-1,2-Dichloroethene	5.435	96	8178	1.120	ug/L	90
18) Methyl tert-butyl Ether	5.423	73	7406	0.607	ug/L #	89
19) 1,1-Dichloroethane	6.210	63	14852	1.089	ug/L	94
20) cis-1,2-Dichloroethene	7.167	96	5756	0.729	ug/L	97
23) Bromochloromethane	7.514	128	3978	1.263	ug/L	92
25) Chloroform	7.673	83	23271	1.728	ug/L	95
27) 1,2-Dichloroethane	8.404	62	11001	1.299	ug/L	98
29) Cyclohexane	7.953	56	12146	0.915	ug/L	93
30) 1,1,1-Trichloroethane	7.874	97	12245	0.968	ug/L	98
31) Carbon tetrachloride	8.069	117	10154	0.901	ug/L	91
33) Benzene	8.325	78	34762	1.149	ug/L	100
34) Trichloroethene	9.087	95	8955	1.048	ug/L	96

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

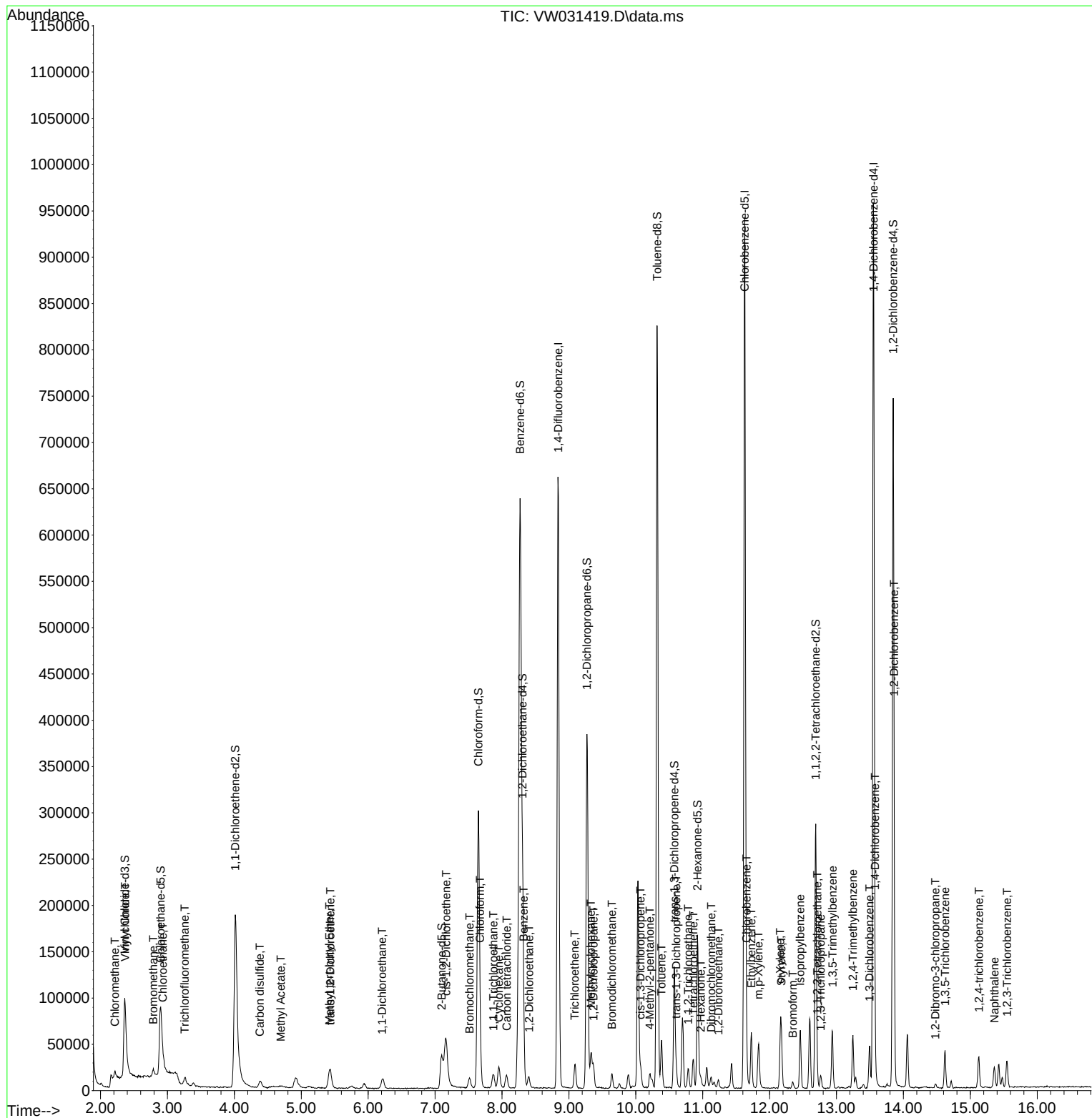
35) Methylcyclohexane	9.331	83	14722	0.990	ug/L	96
37) 1,2-Dichloropropane	9.368	63	8653	1.146	ug/L	98
38) Bromodichloromethane	9.642	83	9728	0.991	ug/L #	92
39) cis-1,3-Dichloropropene	10.069	75	12871	1.009	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	11085	2.768	ug/L	92
42) Toluene	10.386	91	36072	1.095	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	13081	1.256	ug/L	90
45) 1,1,2-Trichloroethane	10.782	97	6276	1.250	ug/L	94
46) Tetrachloroethene	10.861	164	6670	1.066	ug/L	95
48) 2-Hexanone	10.971	43	6051	1.777	ug/L #	90
49) Dibromochloromethane	11.129	129	5697	0.957	ug/L	91
50) 1,2-Dibromoethane	11.233	107	5699	1.198	ug/L #	95
51) Chlorobenzene	11.654	112	23370	1.132	ug/L	94
52) Ethylbenzene	11.727	91	40184	1.053	ug/L	98
53) m,p-Xylene	11.837	106	15284	1.052	ug/L	97
54) o-Xylene	12.160	106	14551	1.062	ug/L	98
55) Styrene	12.178	104	23851	1.047	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.715	83	7737	1.430	ug/L #	92
59) Bromoform	12.349	173	3043	0.892	ug/L #	97
60) Isopropylbenzene	12.459	105	38980	0.980	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	5325	1.281	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	32344	0.960	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	30956	0.950	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	17937	1.114	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	18334	1.149	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	15907	1.146	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	1619	1.535	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	11684	1.036	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	10040	1.070	ug/L	98
71) Naphthalene	15.360	128	19025	1.156	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	9062	1.198	ug/L	99

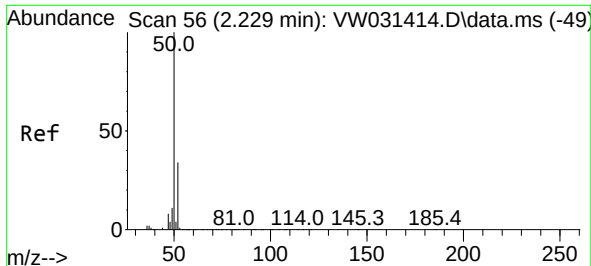
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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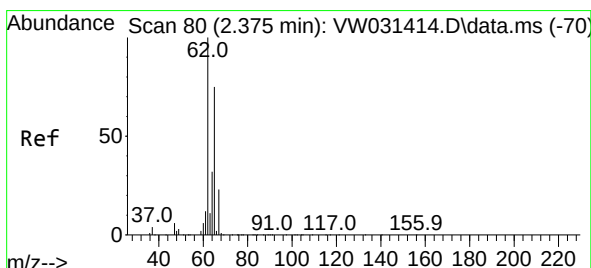
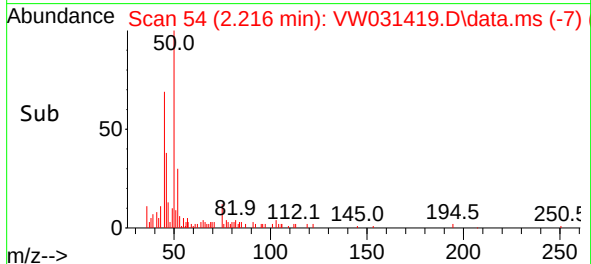
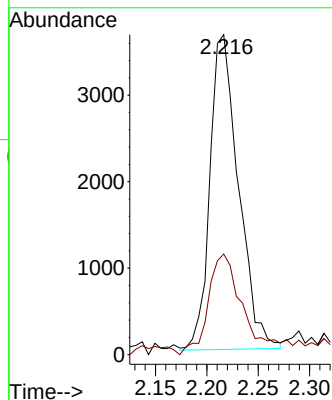
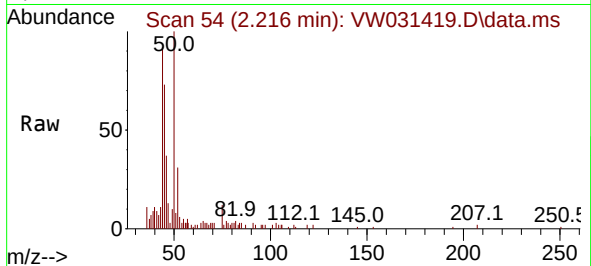




#3
Chloromethane
Concen: 1.257 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

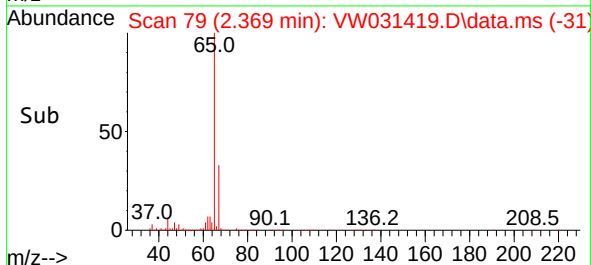
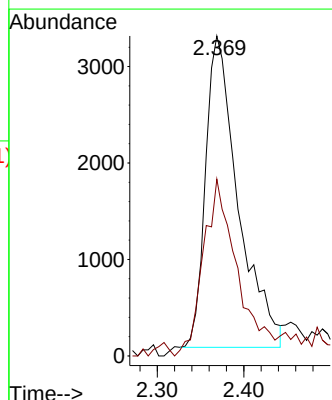
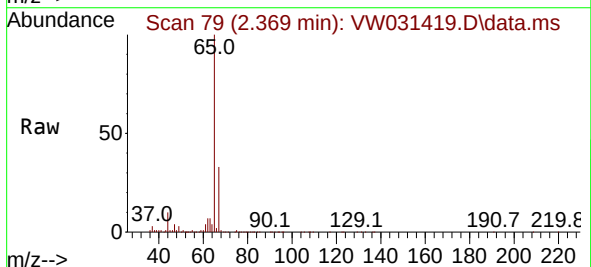
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MSVOA_W
ClientSampleId :

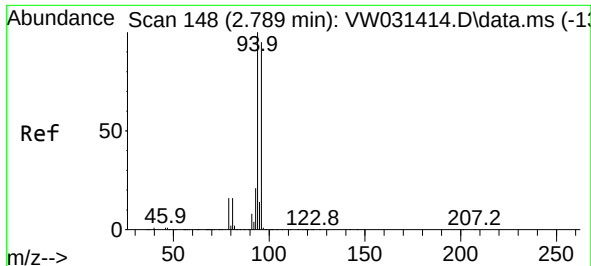
Tgt Ion: 50 Resp: 7054
Ion Ratio Lower Upper
50 100
52 31.5 22.0 41.0



#5
Vinyl chloride
Concen: 1.087 ug/L
RT: 2.369 min Scan# 79
Delta R.T. -0.006 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Tgt Ion: 62 Resp: 8449
Ion Ratio Lower Upper
62 100
64 55.2 24.1 44.8#

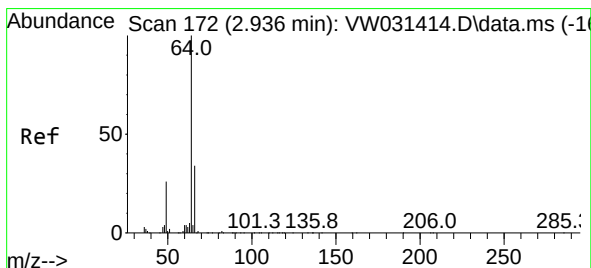
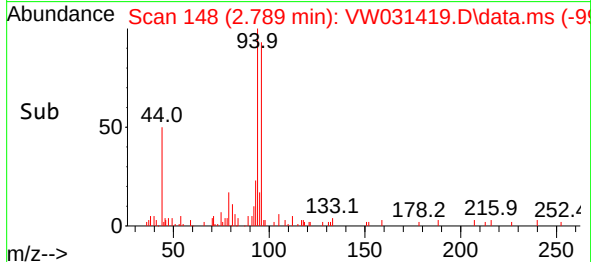
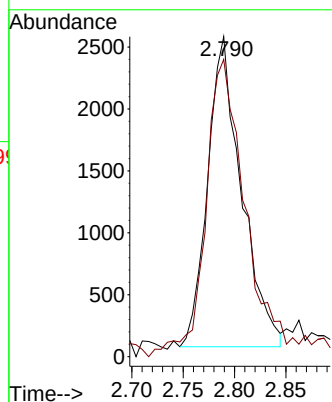
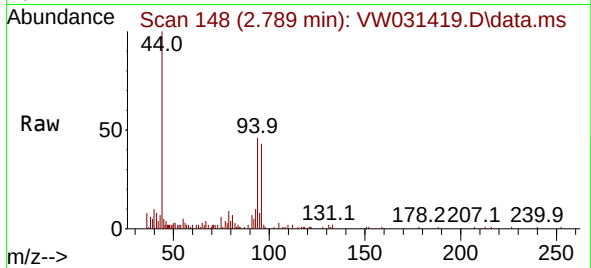




#6
Bromomethane
Concen: 1.196 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

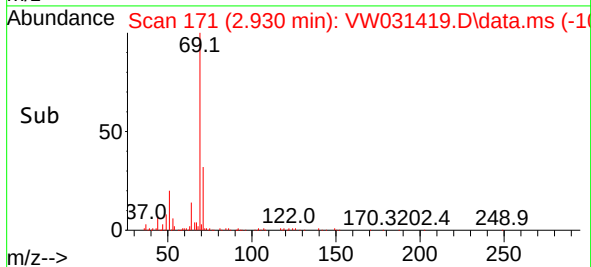
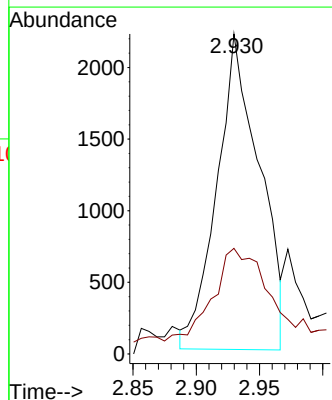
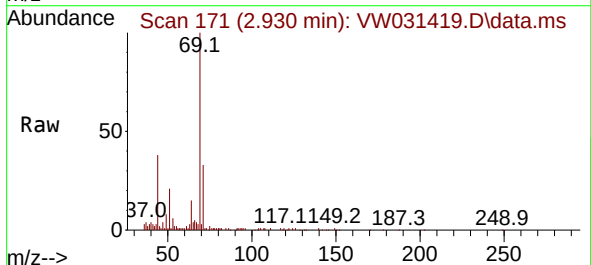
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ClientSampleId :

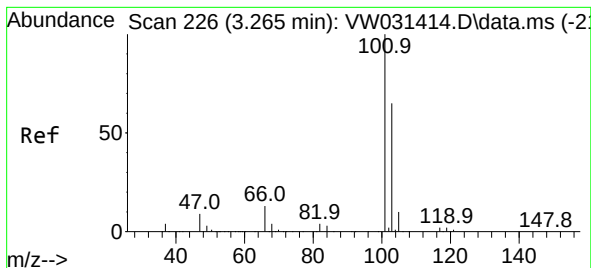
Tgt Ion: 94 Resp: 5717
Ion Ratio Lower Upper
94 100
96 92.9 65.6 121.8



#8
Chloroethane
Concen: 1.114 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Tgt Ion: 64 Resp: 5150
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.3





#9

Trichlorofluoromethane

Concen: 1.021 ug/L

RT: 3.259 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

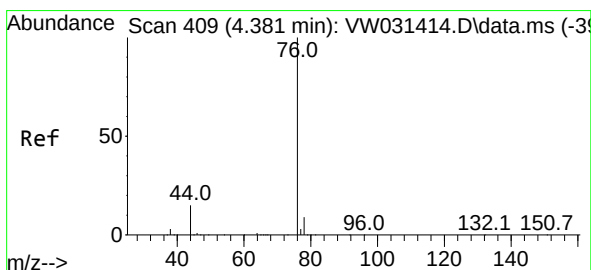
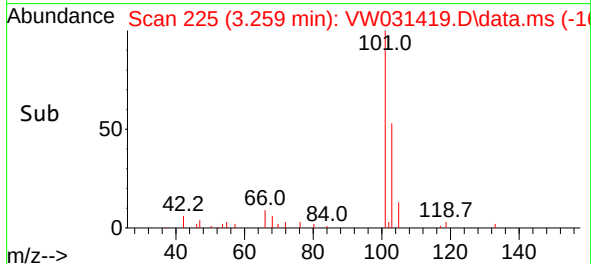
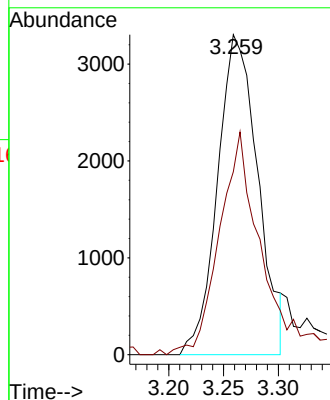
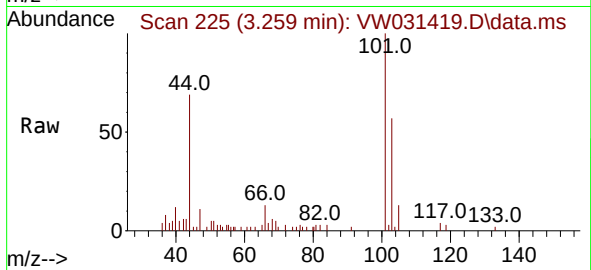
ClientSampleId :

Tgt Ion:101 Resp: 8454

Ion Ratio Lower Upper

101 100

103 66.3 51.6 77.4



#14

Carbon disulfide

Concen: 0.823 ug/L

RT: 4.381 min Scan# 409

Delta R.T. 0.000 min

Lab File: VW031419.D

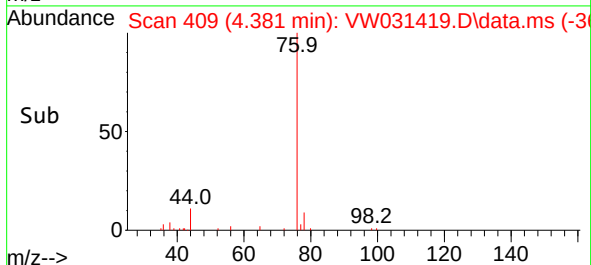
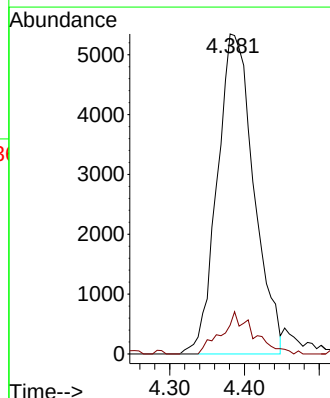
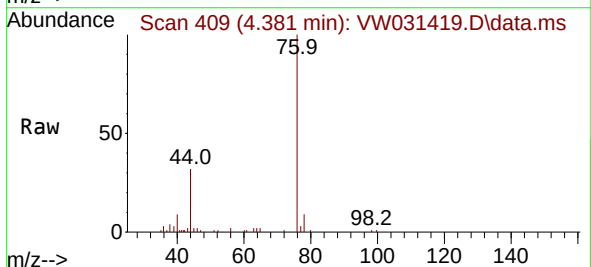
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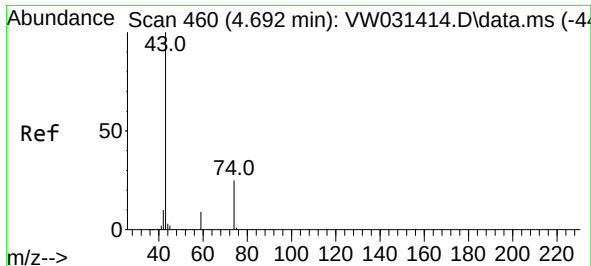
Tgt Ion: 76 Resp: 18181

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

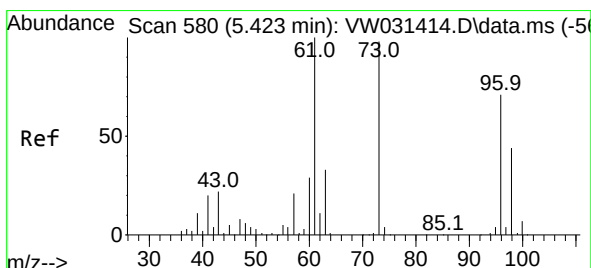
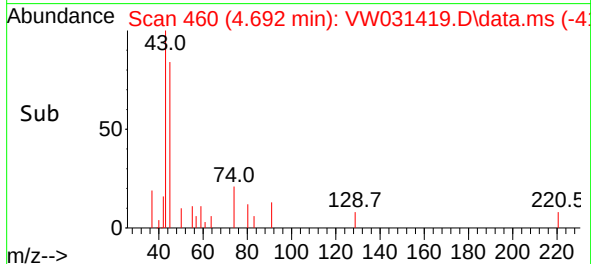
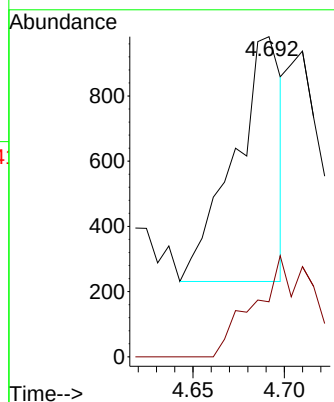
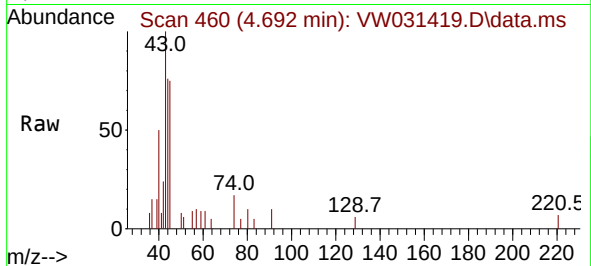




#15
Methyl Acetate
Concen: 0.543 ug/L
RT: 4.692 min Scan# 460
Delta R.T. 0.000 min
Lab File: VW031419.D
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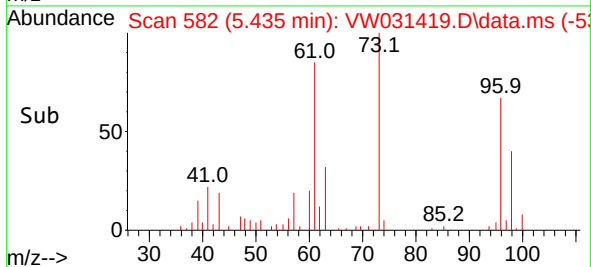
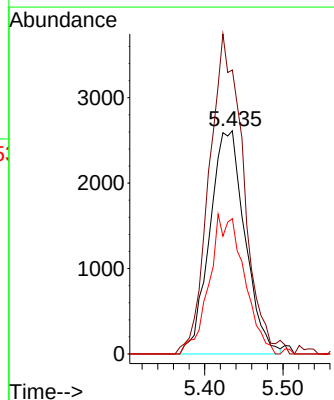
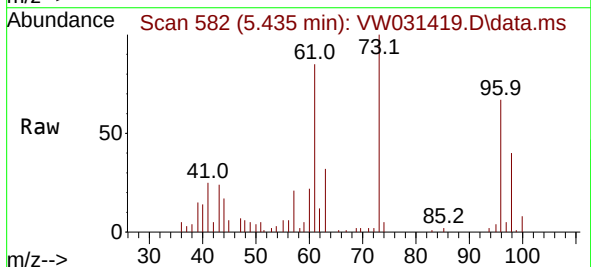
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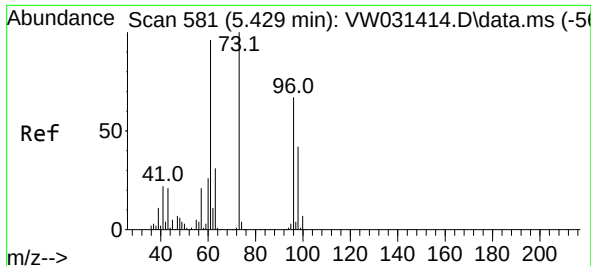
Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
74 31.8 18.9 28.3#



#17
trans-1,2-Dichloroethene
Concen: 1.120 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW031419.D
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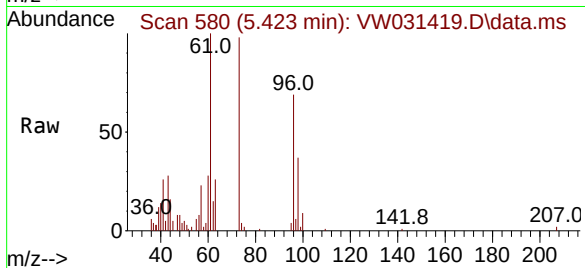
Tgt Ion: 96 Resp: 8178
Ion Ratio Lower Upper
96 100
61 127.2 100.7 187.1
98 60.6 43.8 81.3



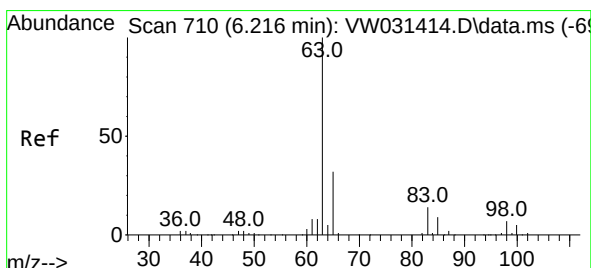
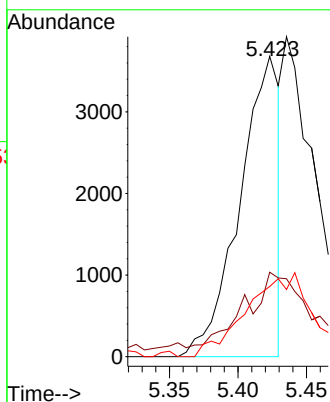
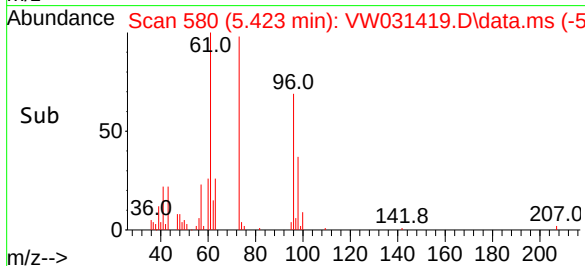


#18
Methyl tert-butyl Ether
Concen: 0.607 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

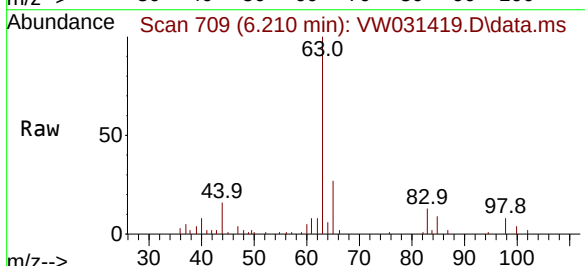
Instrument :
MSVOA_W
ClientSampleId :



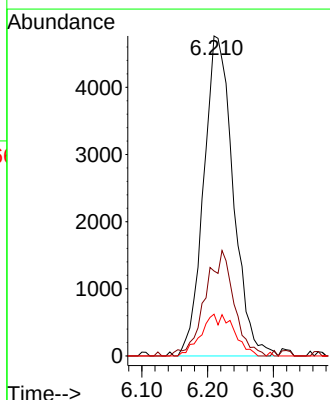
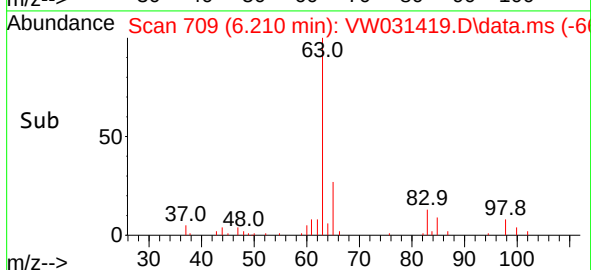
Tgt Ion: 73 Resp: 7406
Ion Ratio Lower Upper
73 100
43 31.4 17.9 26.9#
57 20.6 17.9 26.9

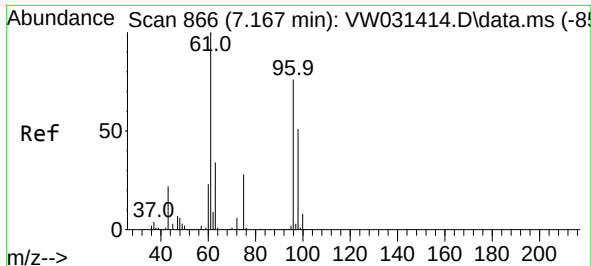


#19
1,1-Dichloroethane
Concen: 1.089 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
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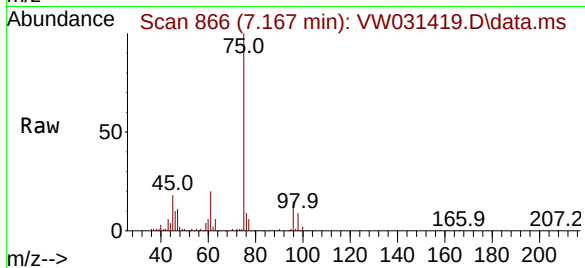
Tgt Ion: 63 Resp: 14852
Ion Ratio Lower Upper
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65 26.5 21.9 40.7
83 13.1 9.3 17.3





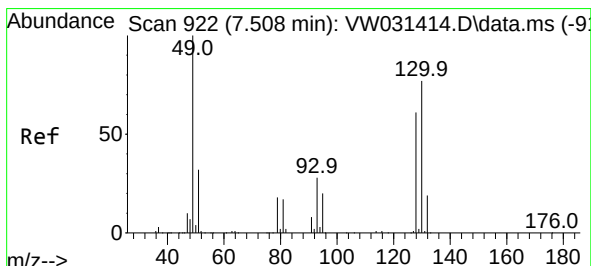
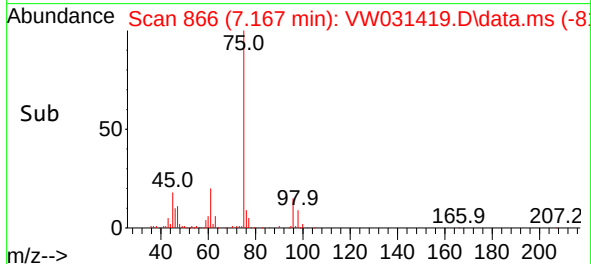
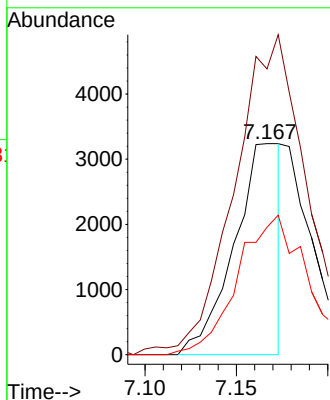
#20
 cis-1,2-Dichloroethene
 Concen: 0.729 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW031419.D
 Acq: 20 Dec 2024 11:48

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 5756

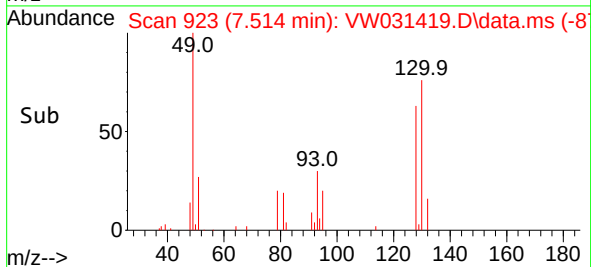
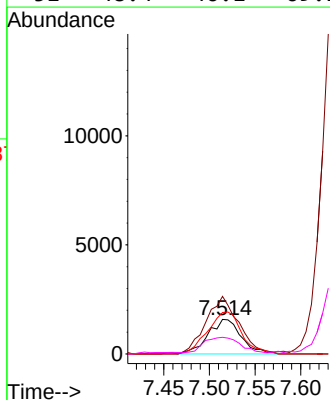
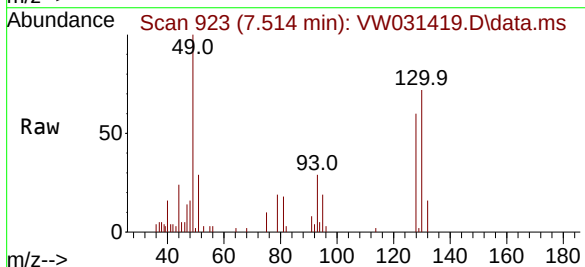
Ion	Ratio	Lower	Upper
96	100		
61	135.4	92.2	171.2
98	60.4	43.7	81.1

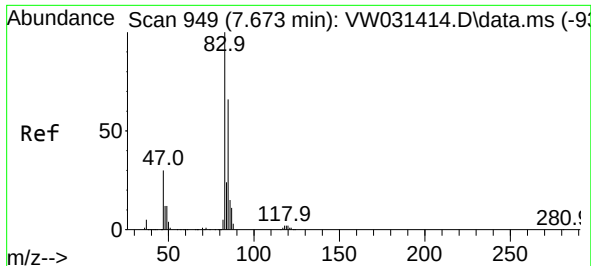


#23
 Bromochloromethane
 Concen: 1.263 ug/L
 RT: 7.514 min Scan# 923
 Delta R.T. 0.006 min
 Lab File: VW031419.D
 Acq: 20 Dec 2024 11:48

Tgt Ion: 128 Resp: 3978

Ion	Ratio	Lower	Upper
128	100		
49	166.9	123.7	229.7
130	120.2	90.3	167.7
51	48.4	46.1	69.1

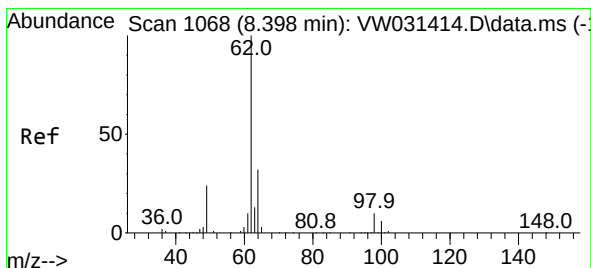
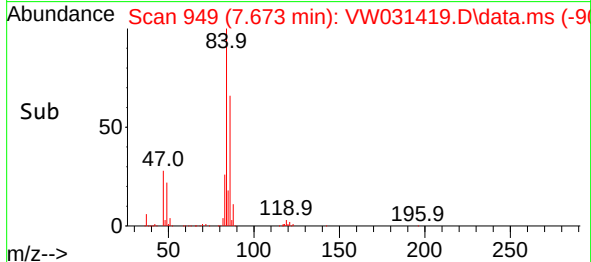
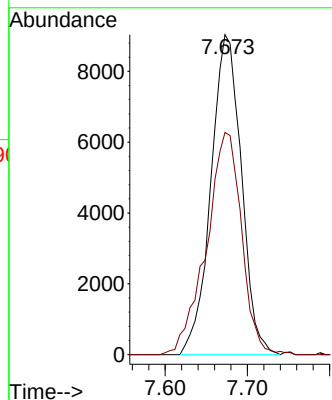
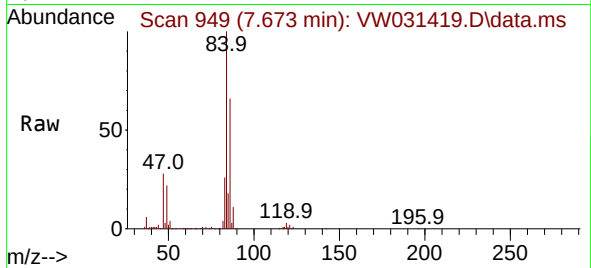




#25
Chloroform
Concen: 1.728 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

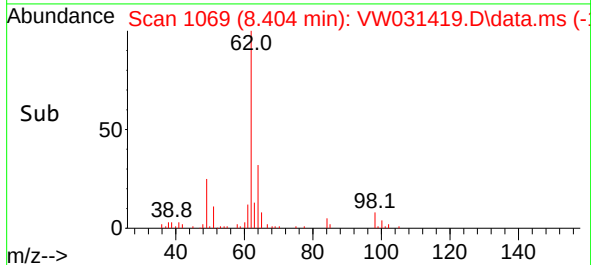
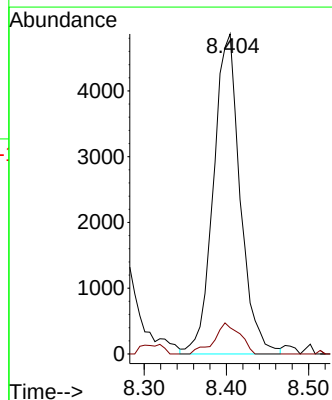
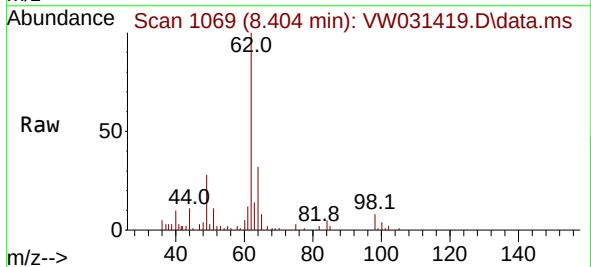
Instrument :
MSVOA_W
ClientSampleId :

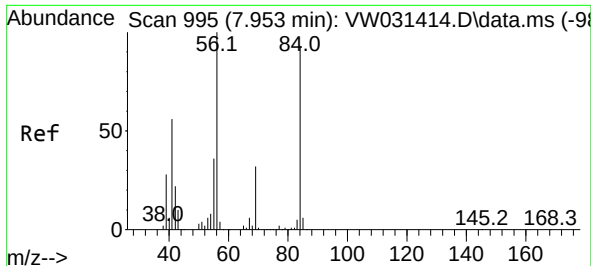
Tgt Ion: 83 Resp: 23271
Ion Ratio Lower Upper
83 100
85 69.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 1.299 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Tgt Ion: 62 Resp: 11001
Ion Ratio Lower Upper
62 100
98 8.2 7.2 10.8





#29

Cyclohexane

Concen: 0.915 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

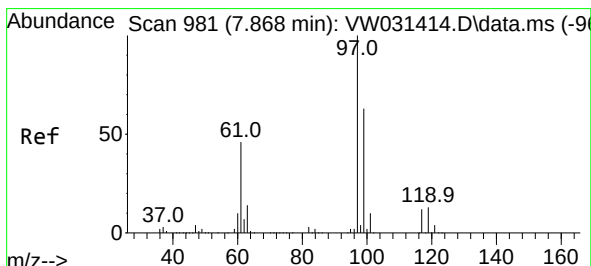
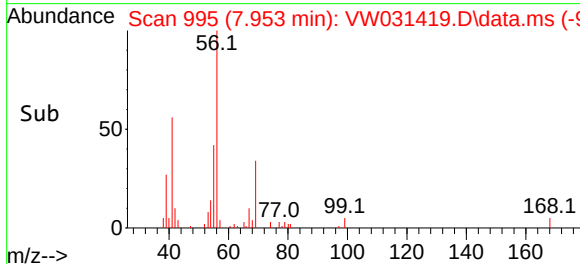
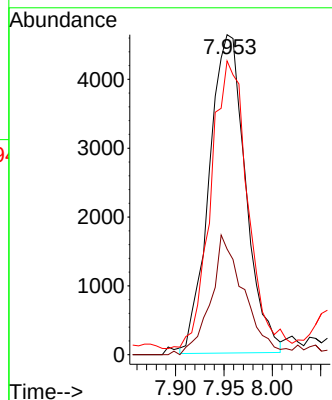
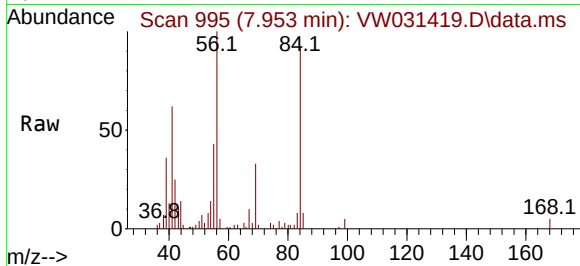
Tgt Ion: 56 Resp: 12146

Ion Ratio Lower Upper

56 100

69 34.1 25.0 37.4

84 92.9 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 0.968 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

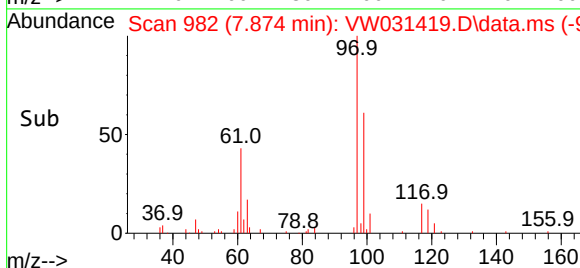
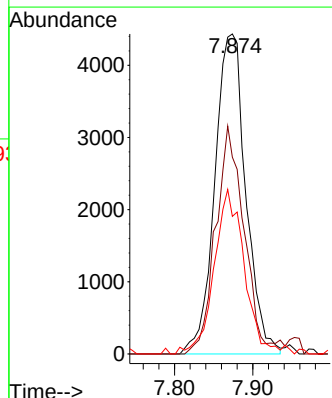
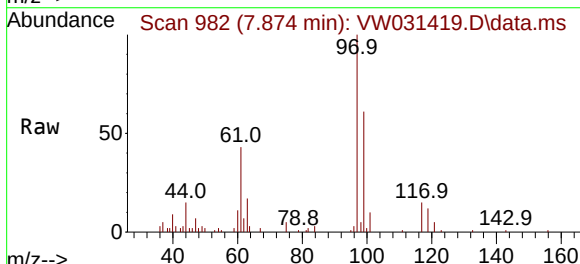
Tgt Ion: 97 Resp: 12245

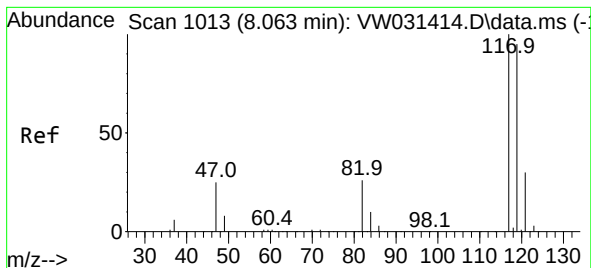
Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 49.0 36.3 54.5





#31

Carbon tetrachloride

Concen: 0.901 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

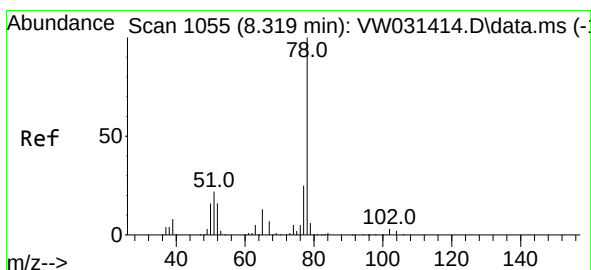
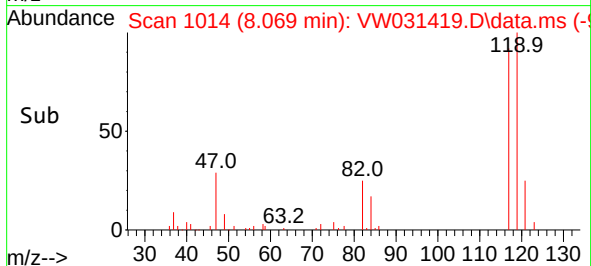
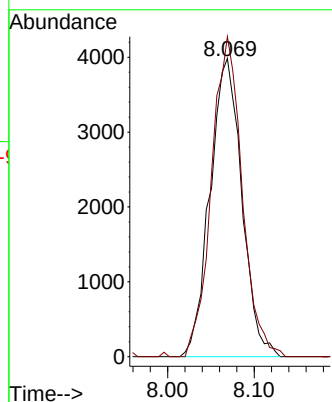
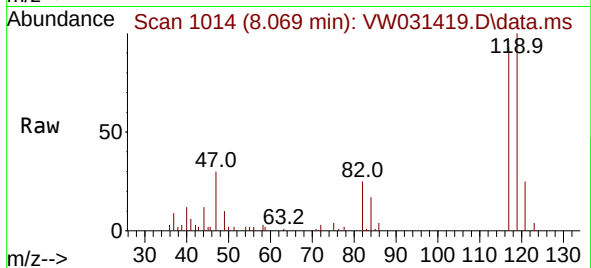
ClientSampleId :

Tgt Ion:117 Resp: 10154

Ion Ratio Lower Upper

117 100

119 103.5 76.0 114.0



#33

Benzene

Concen: 1.149 ug/L

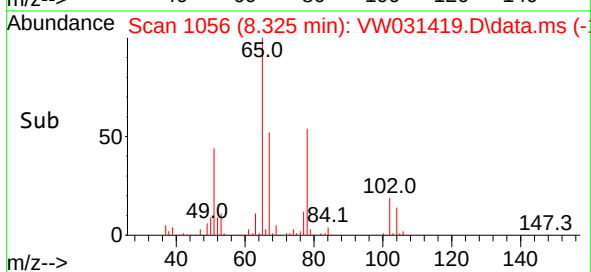
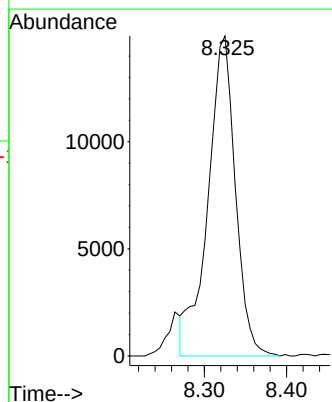
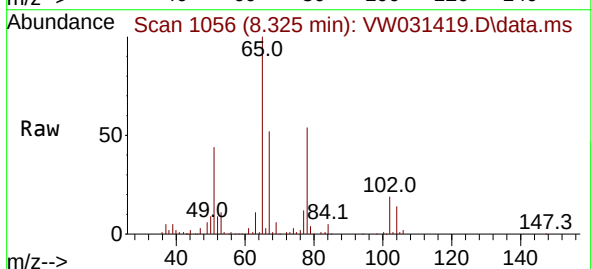
RT: 8.325 min Scan# 1056

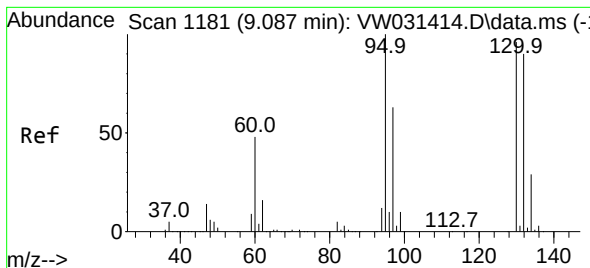
Delta R.T. 0.006 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Tgt Ion: 78 Resp: 34762





#34

Trichloroethene

Concen: 1.048 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 8955

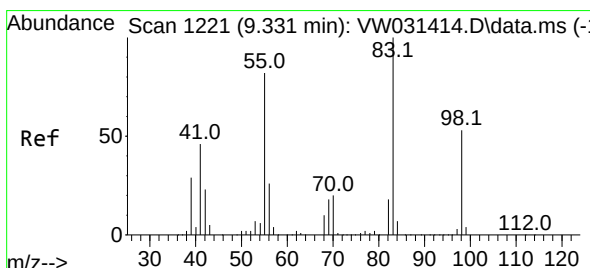
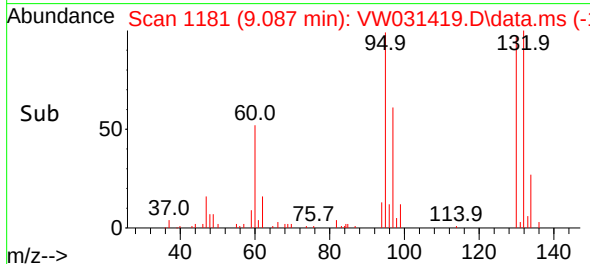
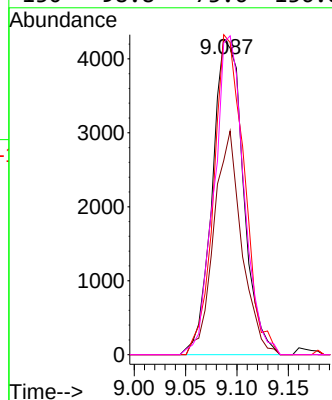
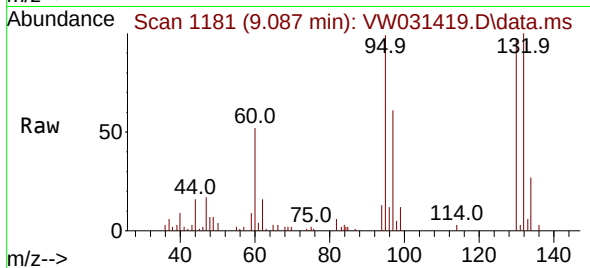
Ion Ratio Lower Upper

95 100

97 61.5 46.5 86.3

132 101.4 70.3 130.5

130 98.8 73.6 136.8



#35

Methylcyclohexane

Concen: 0.990 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

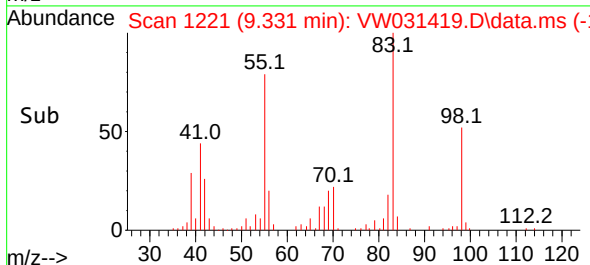
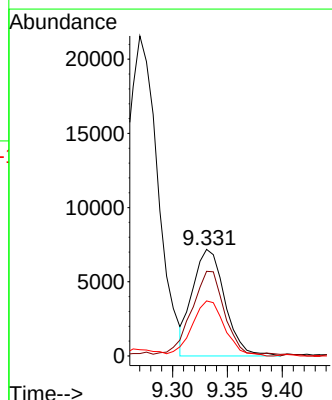
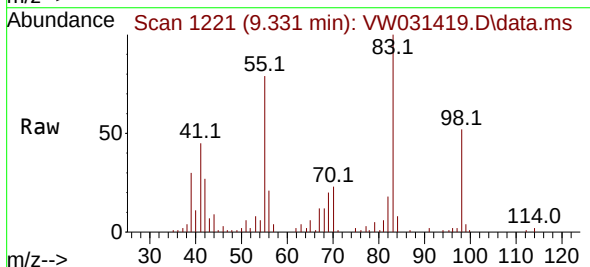
Tgt Ion: 83 Resp: 14722

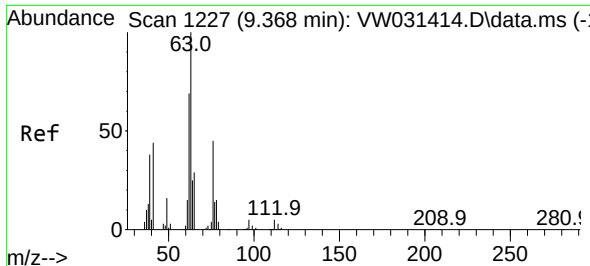
Ion Ratio Lower Upper

83 100

55 81.5 62.6 93.8

98 52.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 1.146 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

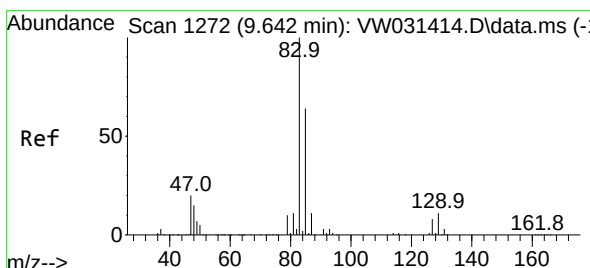
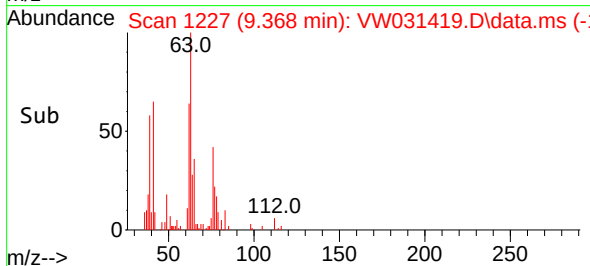
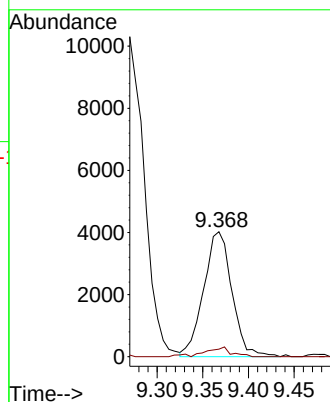
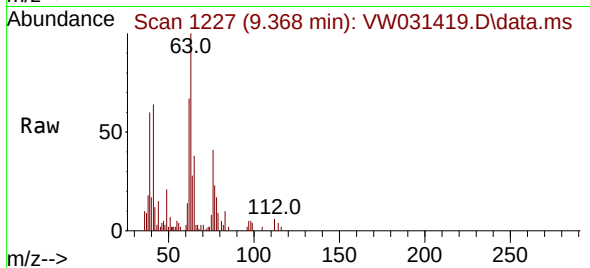
ClientSampleId :

Tgt Ion: 63 Resp: 8653

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 0.991 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

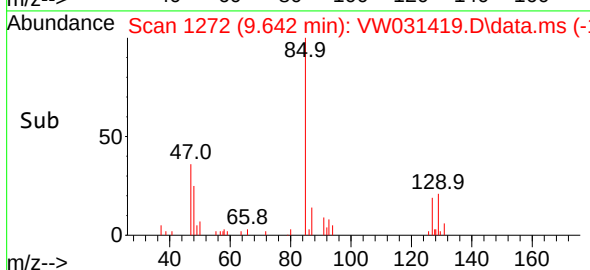
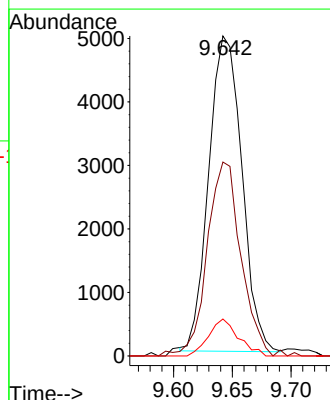
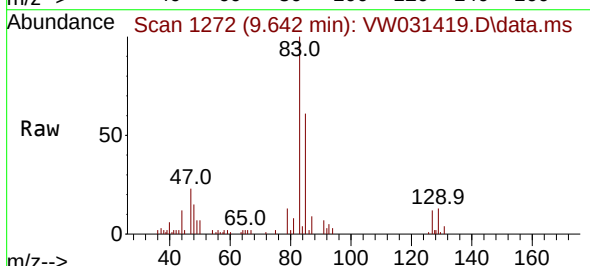
Tgt Ion: 83 Resp: 9728

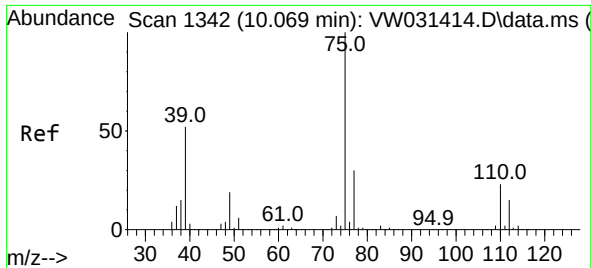
Ion Ratio Lower Upper

83 100

85 60.6 46.5 86.5

127 13.4 6.2 9.4#

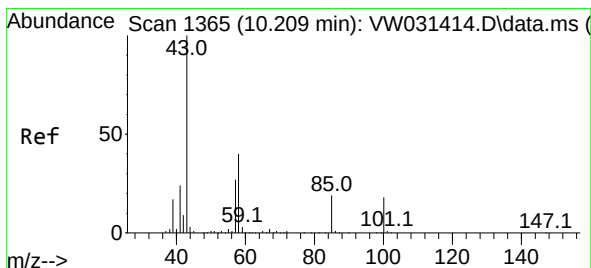
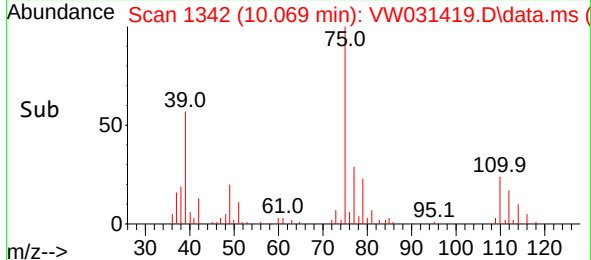
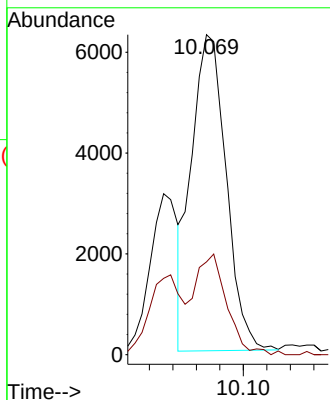
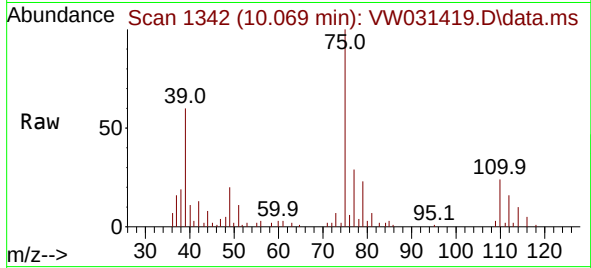




#39
cis-1,3-Dichloropropene
Concen: 1.009 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

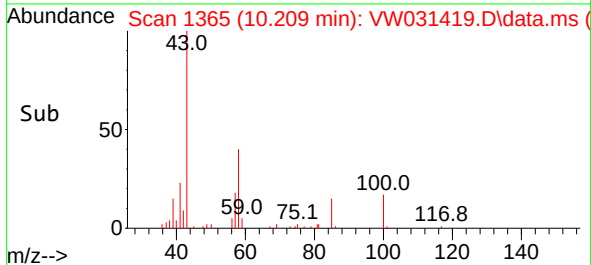
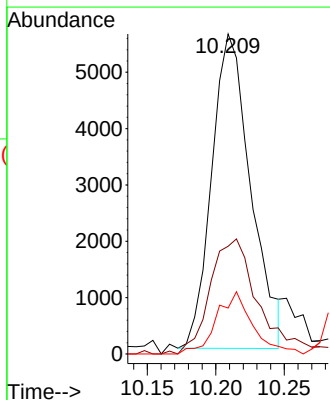
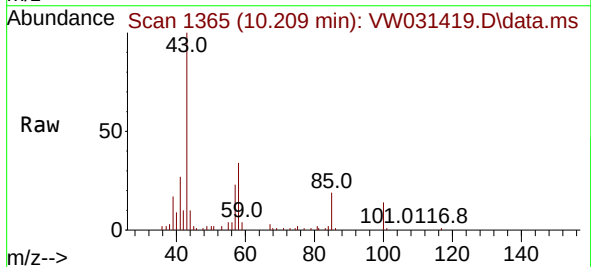
Instrument :
MSVOA_W
ClientSampleId :

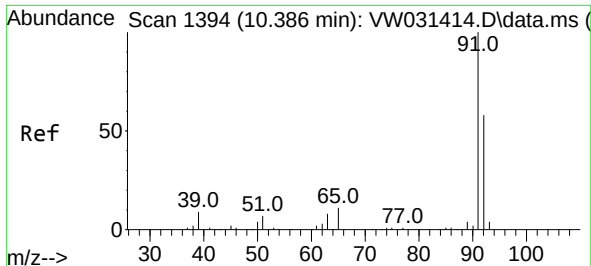
Tgt Ion: 75 Resp: 12871
Ion Ratio Lower Upper
75 100
77 29.0 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 2.768 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Tgt Ion: 43 Resp: 11085
Ion Ratio Lower Upper
43 100
58 45.3 31.1 46.7
100 17.6 13.0 19.6





#42

Toluene

Concen: 1.095 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

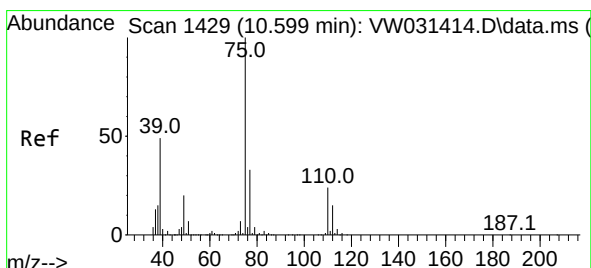
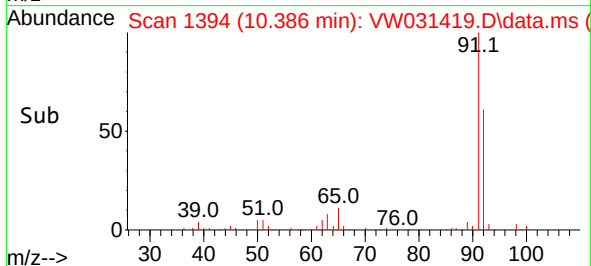
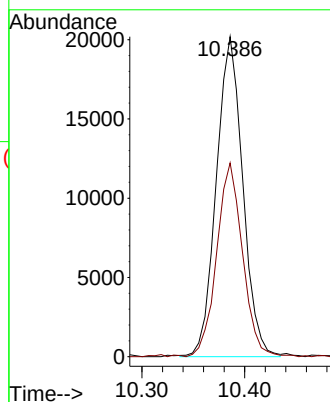
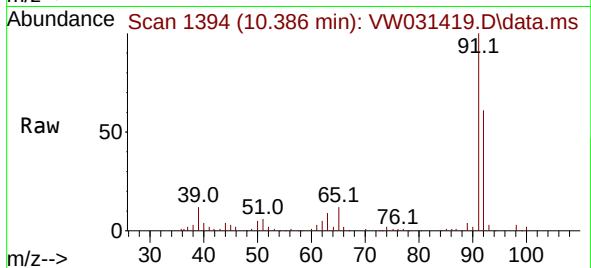
ClientSampleId :

Tgt Ion: 91 Resp: 36072

Ion Ratio Lower Upper

91 100

92 60.5 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 1.256 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW031419.D

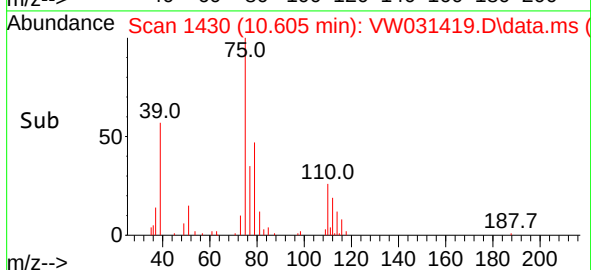
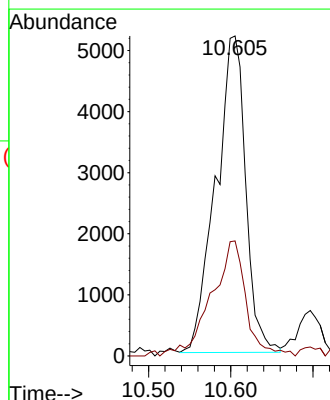
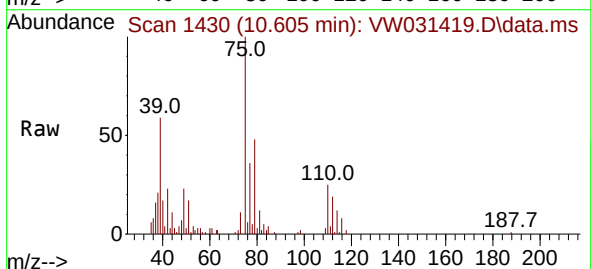
Acq: 20 Dec 2024 11:48

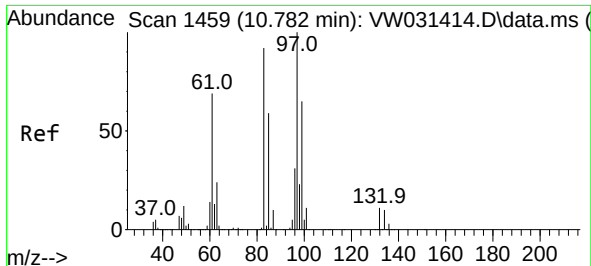
Tgt Ion: 75 Resp: 13081

Ion Ratio Lower Upper

75 100

77 36.0 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 1.250 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 6276

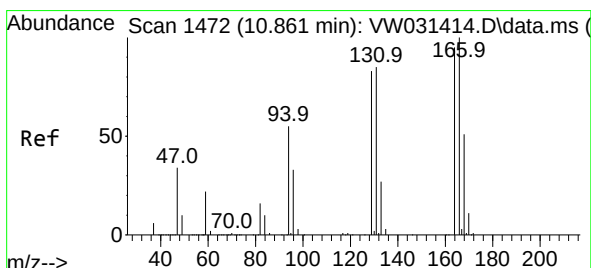
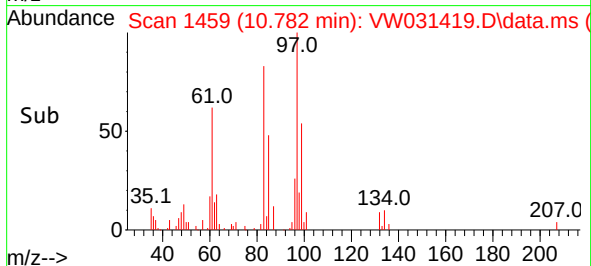
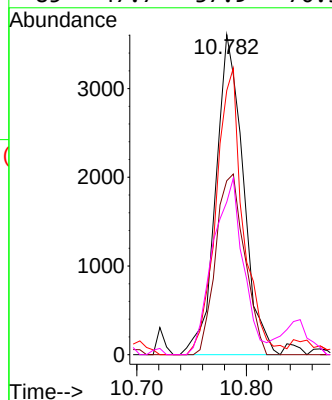
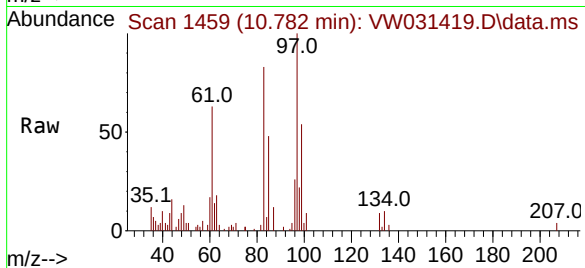
Ion Ratio Lower Upper

97 100

99 54.3 43.0 80.0

83 82.5 56.4 104.7

85 47.7 37.9 70.3



#46

Tetrachloroethene

Concen: 1.066 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Tgt Ion:164 Resp: 6670

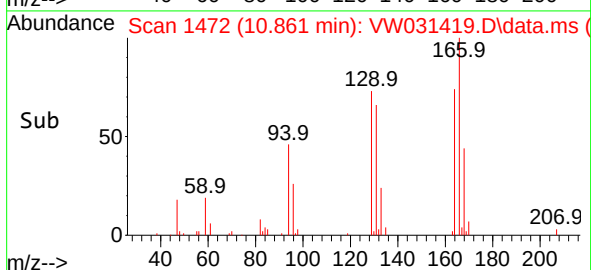
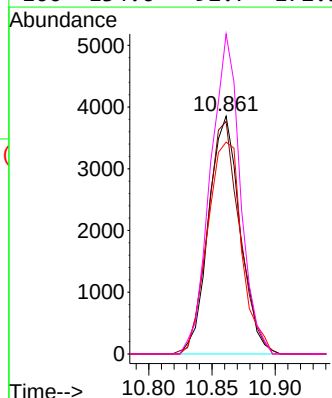
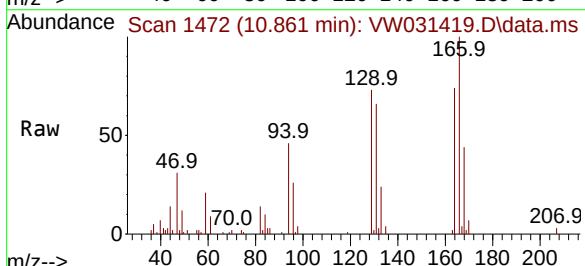
Ion Ratio Lower Upper

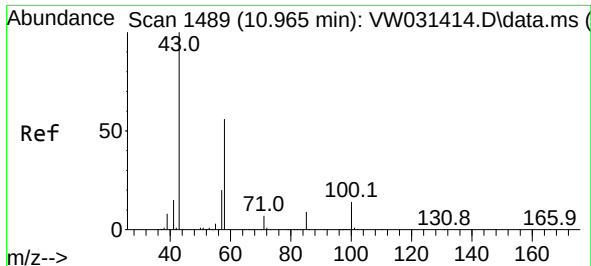
164 100

129 97.8 73.5 136.5

131 89.1 66.6 123.8

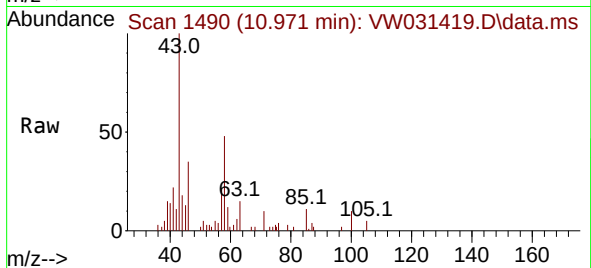
166 134.6 92.7 172.3



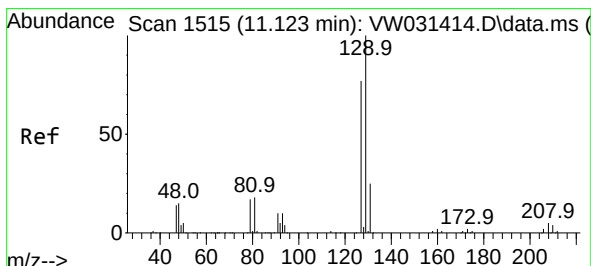
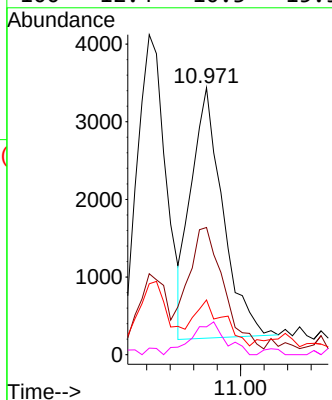
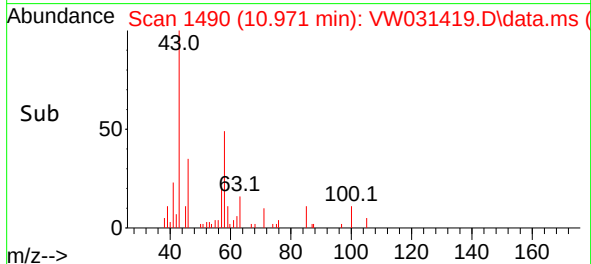


#48
2-Hexanone
Concen: 1.777 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Instrument :
MSVOA_W
ClientSampleId :

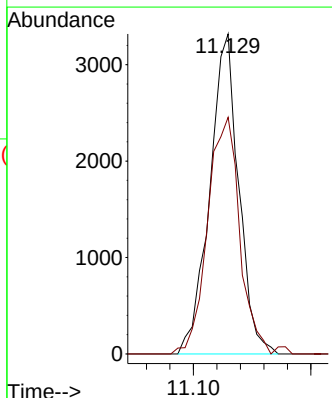
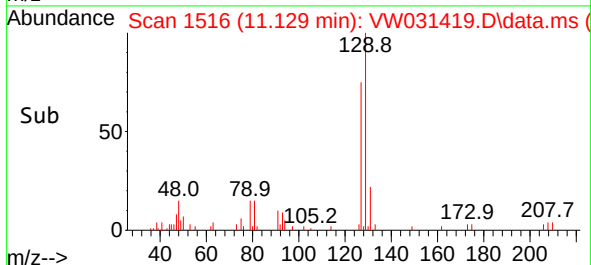
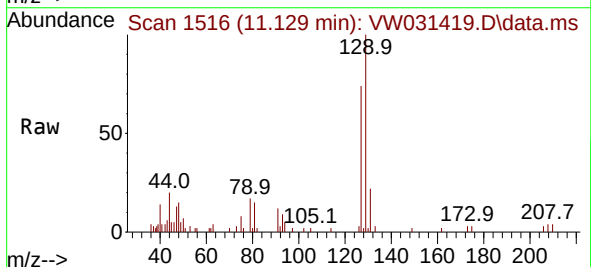


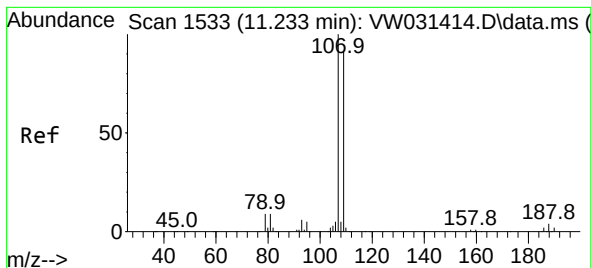
Tgt Ion: 43 Resp: 6051
Ion Ratio Lower Upper
43 100
58 60.7 43.0 64.6
57 11.8 15.7 23.5#
100 12.4 10.3 15.5



#49
Dibromochloromethane
Concen: 0.957 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Tgt Ion: 129 Resp: 5697
Ion Ratio Lower Upper
129 100
127 73.9 57.6 107.0





#50

1,2-Dibromoethane

Concen: 1.198 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031419.D

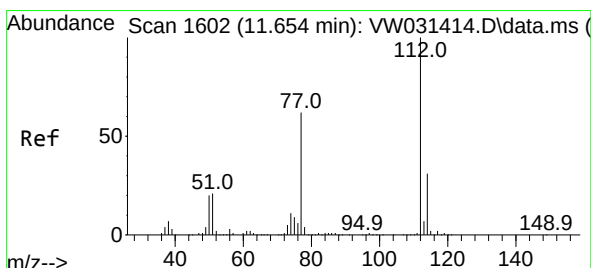
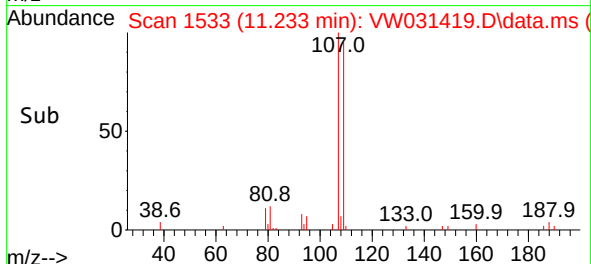
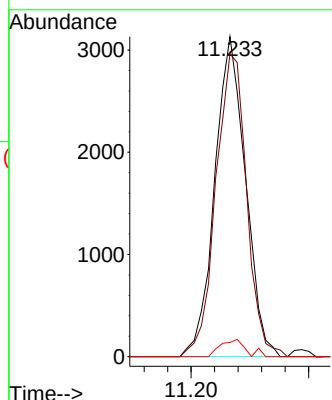
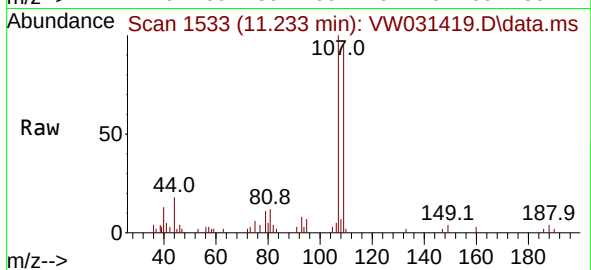
Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	5699
Ion	Ratio	Lower	Upper
107	100		
109	94.6	63.2	117.4
188	4.4	2.6	4.0#



#51

Chlorobenzene

Concen: 1.132 ug/L

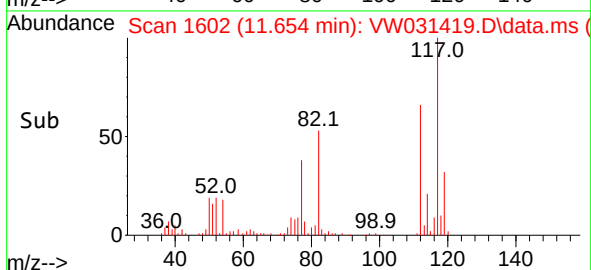
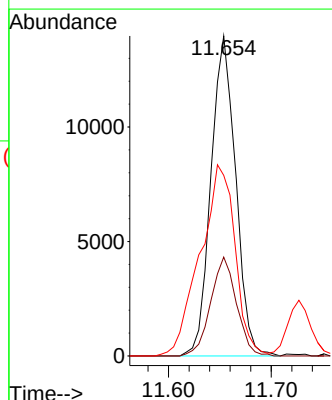
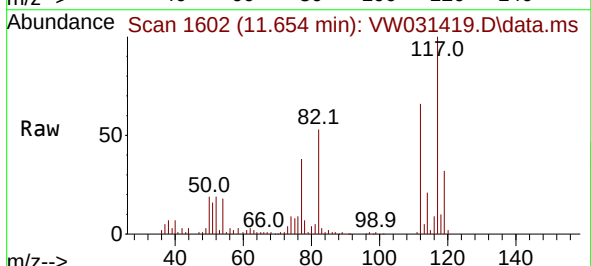
RT: 11.654 min Scan# 1602

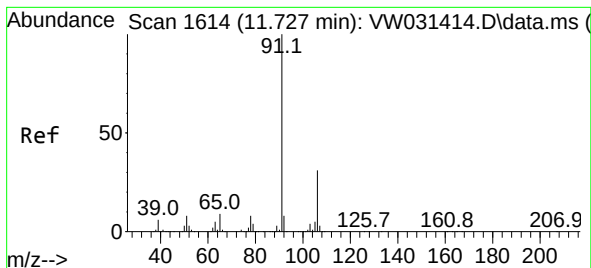
Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Tgt Ion:	112	Resp:	23370
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.7	42.3
77	56.4	50.2	75.4





#52

Ethylbenzene

Concen: 1.053 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

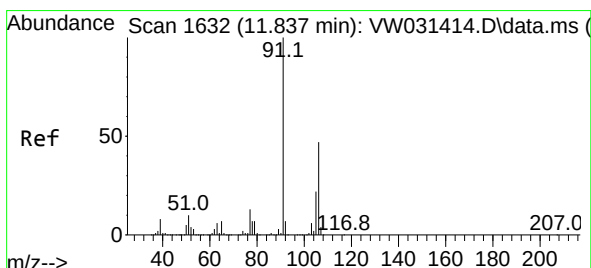
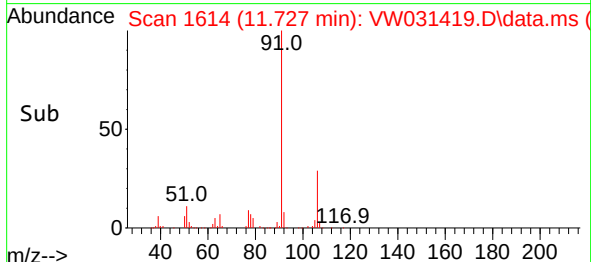
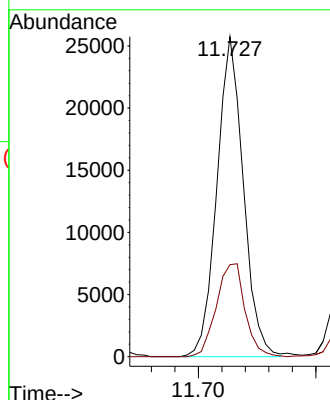
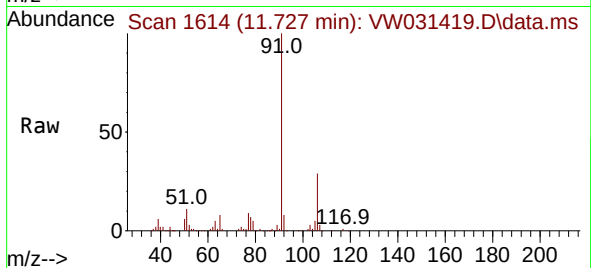
ClientSampleId :

Tgt Ion: 91 Resp: 40184

Ion Ratio Lower Upper

91 100

106 28.8 20.7 38.5



#53

m,p-Xylene

Concen: 1.052 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031419.D

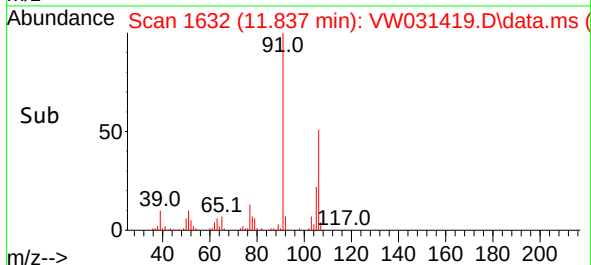
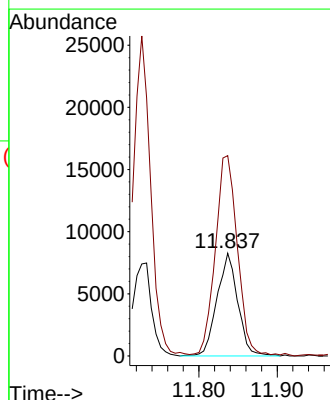
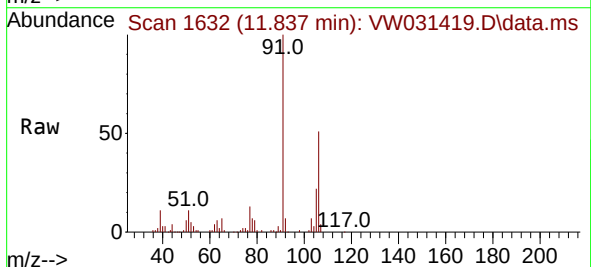
Acq: 20 Dec 2024 11:48

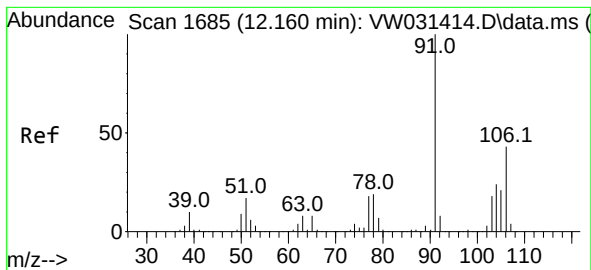
Tgt Ion:106 Resp: 15284

Ion Ratio Lower Upper

106 100

91 194.9 139.9 259.7





#54

o-Xylene

Concen: 1.062 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

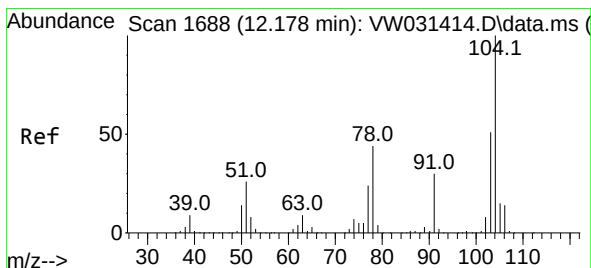
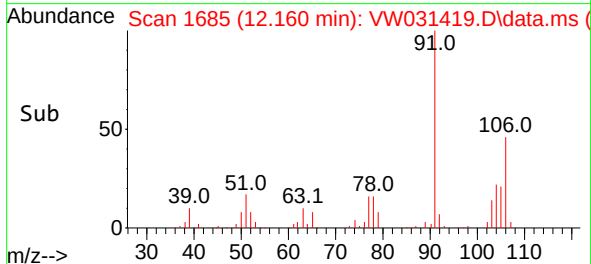
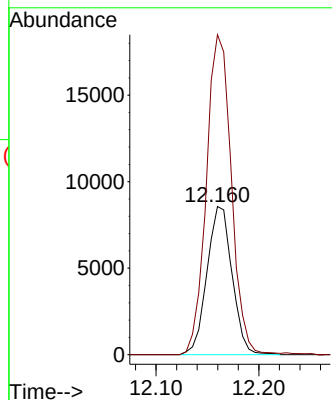
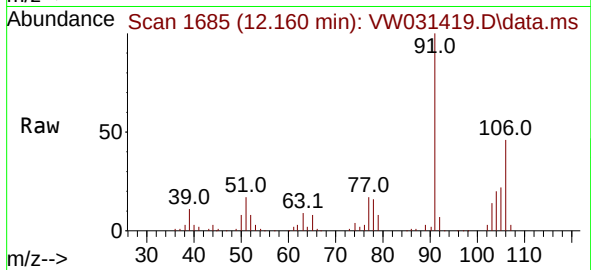
ClientSampleId :

Tgt Ion:106 Resp: 14551

Ion Ratio Lower Upper

106 100

91 215.9 153.1 284.3



#55

Styrene

Concen: 1.047 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031419.D

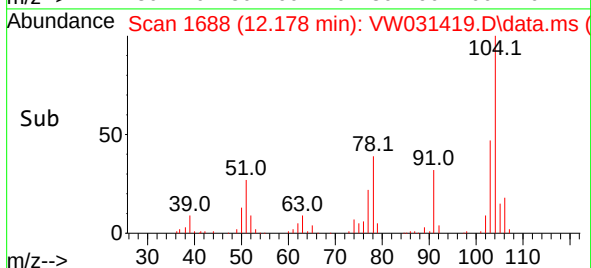
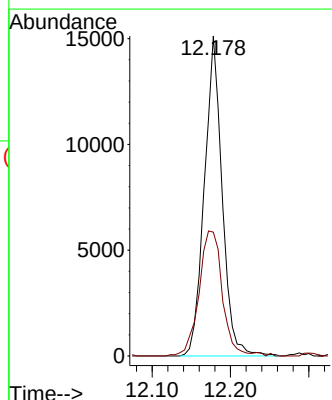
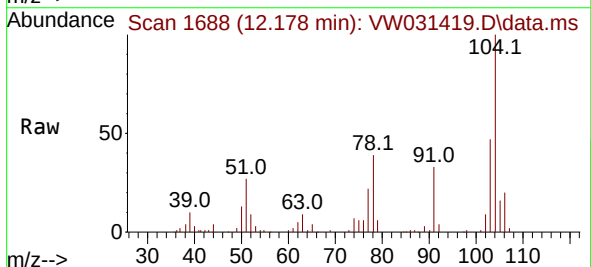
Acq: 20 Dec 2024 11:48

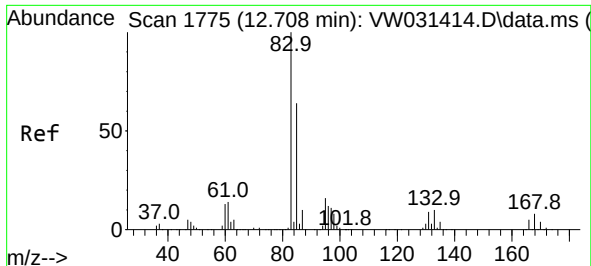
Tgt Ion:104 Resp: 23851

Ion Ratio Lower Upper

104 100

78 38.7 31.4 58.4





#57

1,1,2-Tetrachloroethane

Concen: 1.430 ug/L

RT: 12.715 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

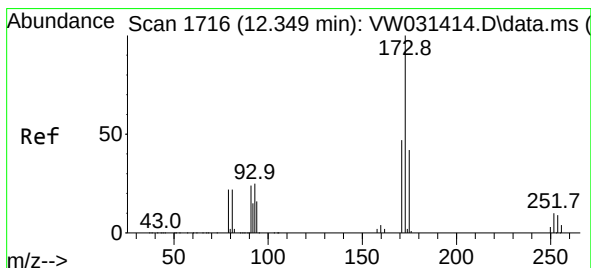
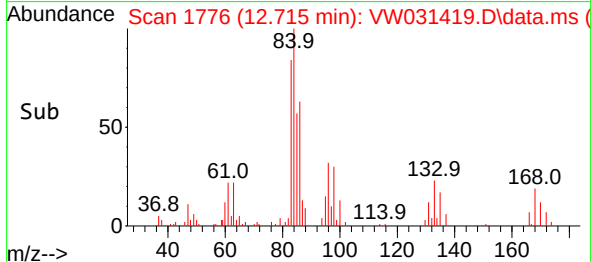
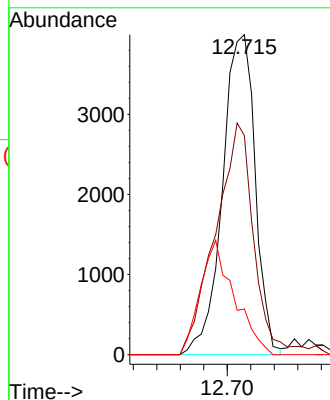
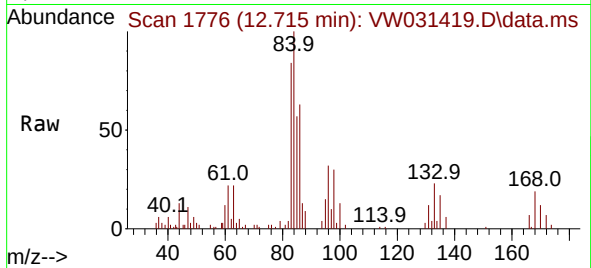
Tgt Ion: 83 Resp: 7737

Ion Ratio Lower Upper

83 100

85 68.4 44.1 81.9

131 14.3 7.9 11.9#



#59

Bromoform

Concen: 0.892 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

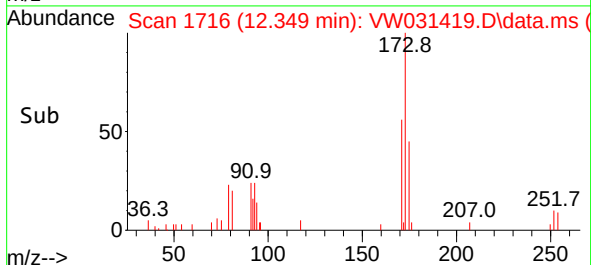
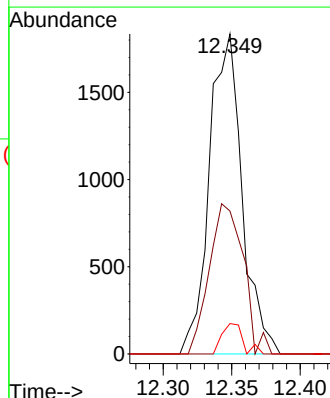
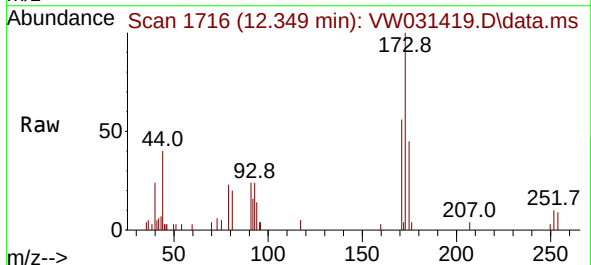
Tgt Ion:173 Resp: 3043

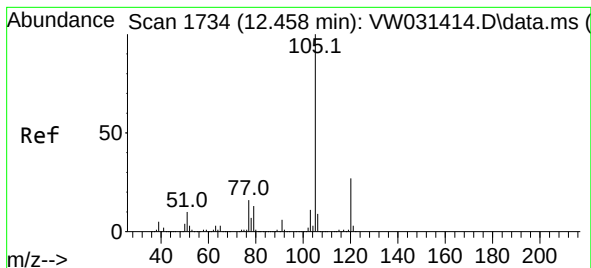
Ion Ratio Lower Upper

173 100

175 47.5 38.6 57.8

254 5.5 7.6 11.4#





#60

Isopropylbenzene

Concen: 0.980 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031419.D

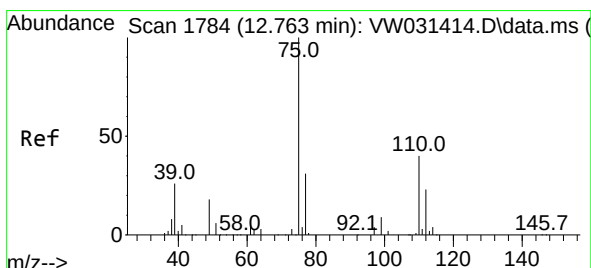
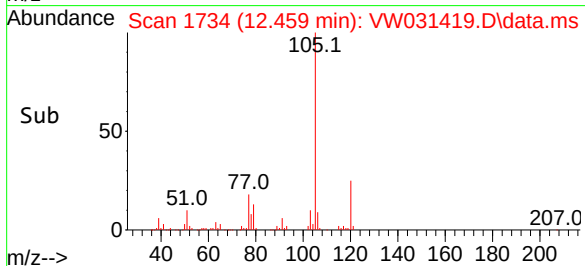
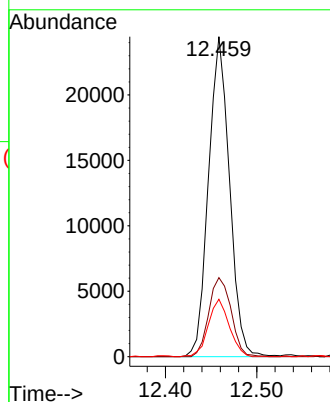
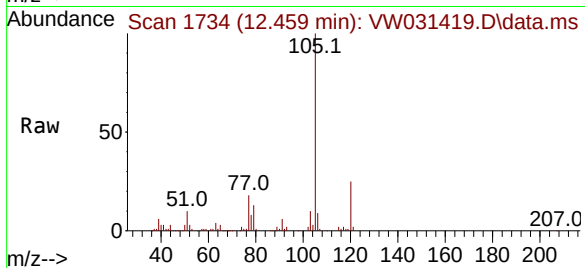
Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	38980
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.6	31.0
77	17.9	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 1.281 ug/L

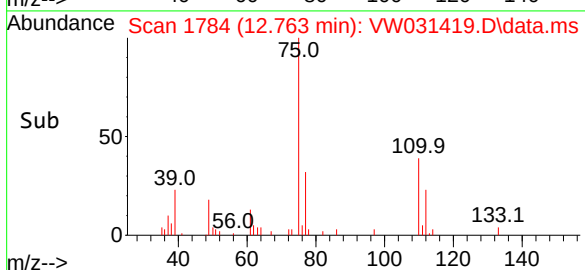
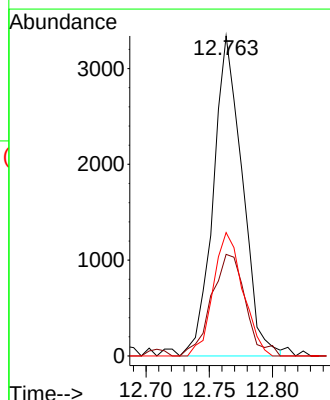
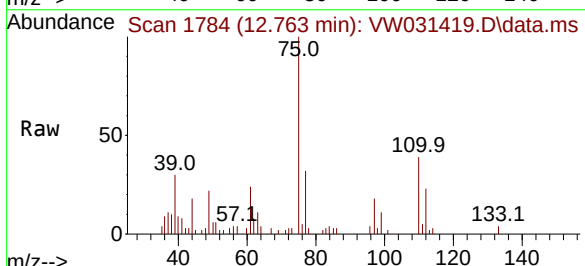
RT: 12.763 min Scan# 1784

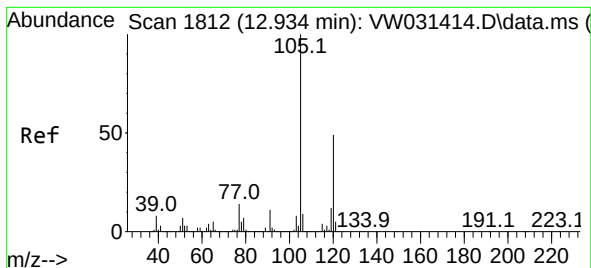
Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Tgt Ion:	75	Resp:	5325
Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.3	37.9
110	39.5	31.2	46.8

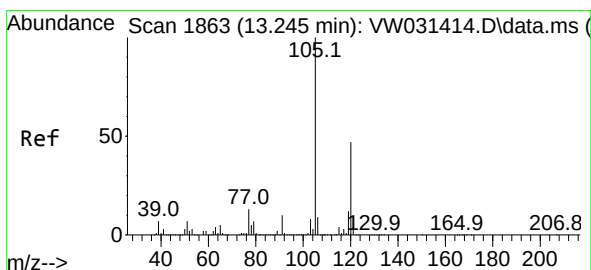
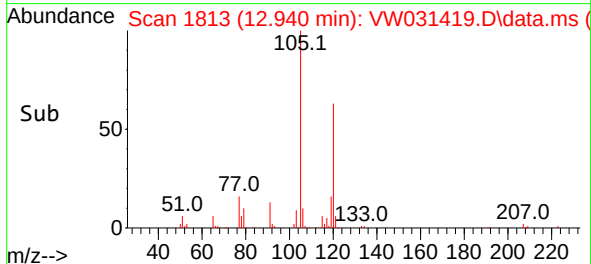
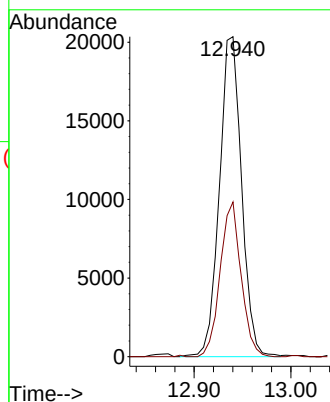
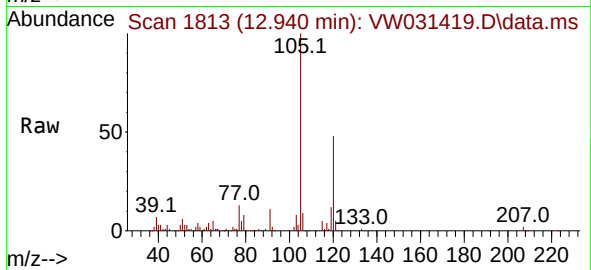




#62
1,3,5-Trimethylbenzene
Concen: 0.960 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

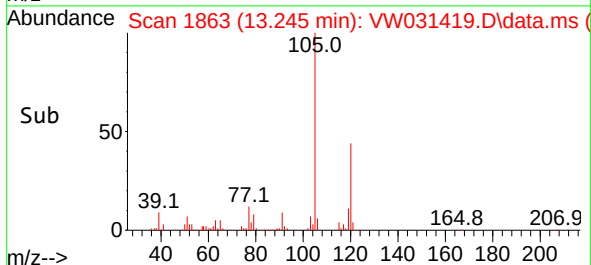
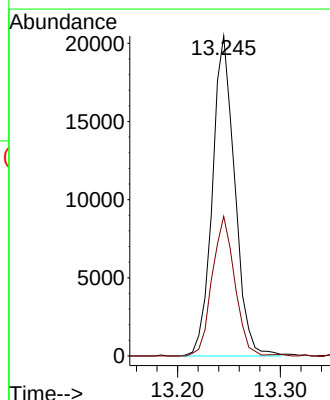
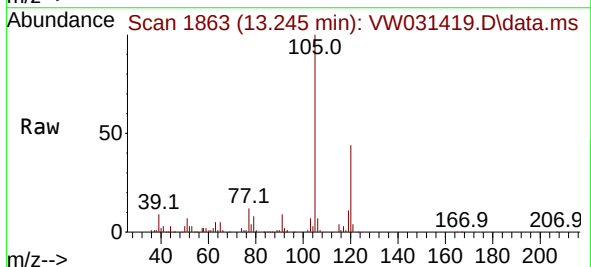
Instrument :
MSVOA_W
ClientSampleId :

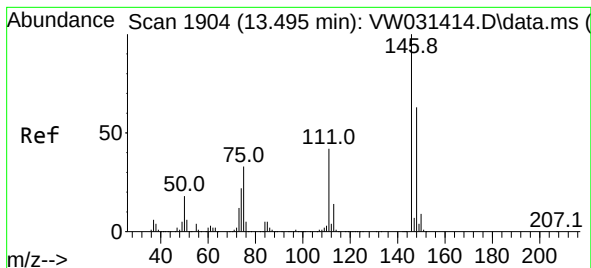
Tgt Ion:105 Resp: 32344
Ion Ratio Lower Upper
105 100
120 45.6 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 0.950 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Tgt Ion:105 Resp: 30956
Ion Ratio Lower Upper
105 100
120 43.8 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 1.114 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

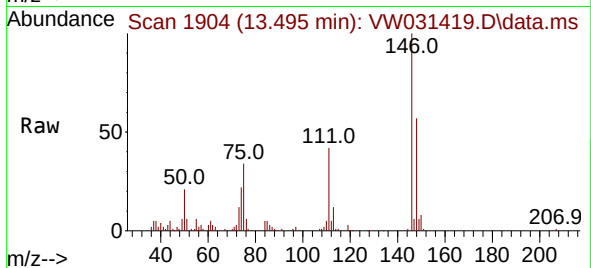
Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :



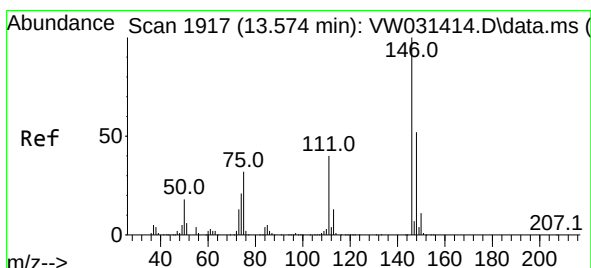
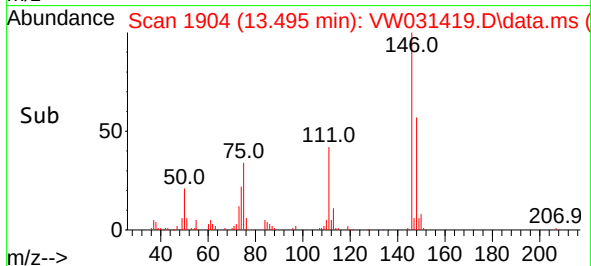
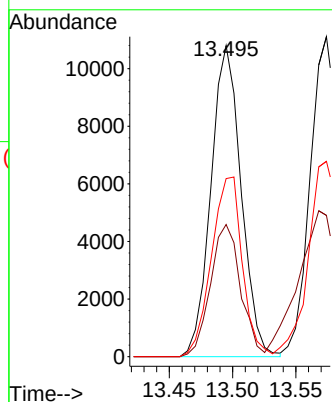
Tgt Ion:146 Resp: 17937

Ion Ratio Lower Upper

146 100

111 42.5 27.6 51.2

148 57.2 41.0 76.2



#65

1,4-Dichlorobenzene

Concen: 1.149 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

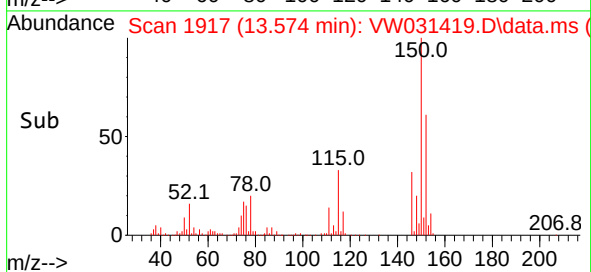
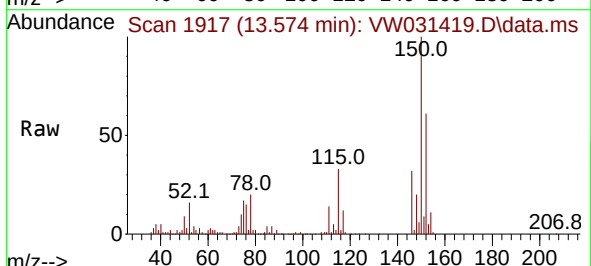
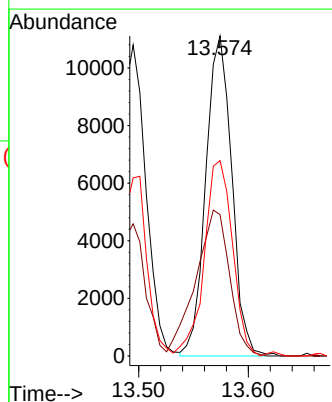
Tgt Ion:146 Resp: 18334

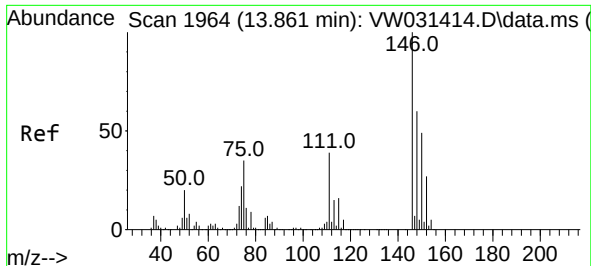
Ion Ratio Lower Upper

146 100

111 44.2 30.7 56.9

148 61.1 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 1.146 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

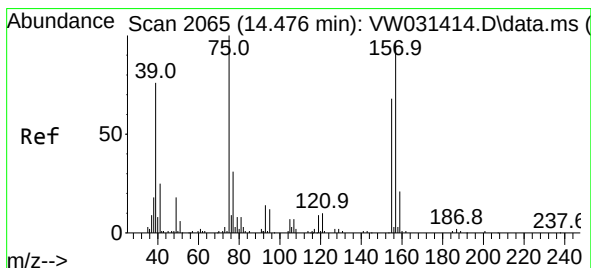
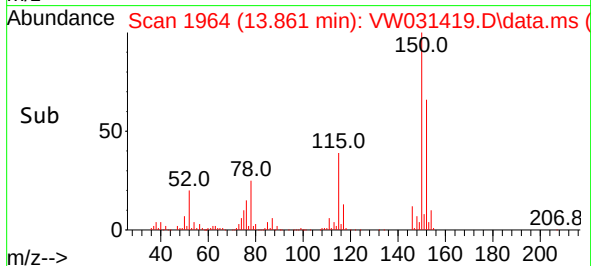
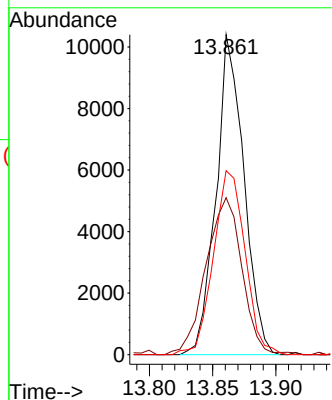
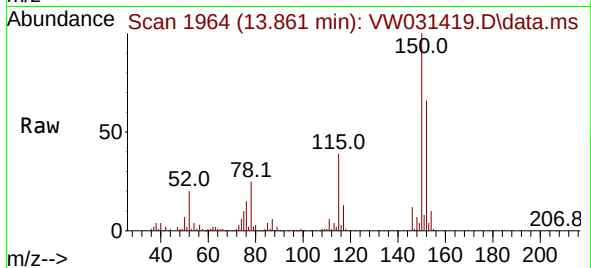
Tgt Ion:146 Resp: 15907

Ion Ratio Lower Upper

146 100

111 49.0 38.6 58.0

148 57.5 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.535 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

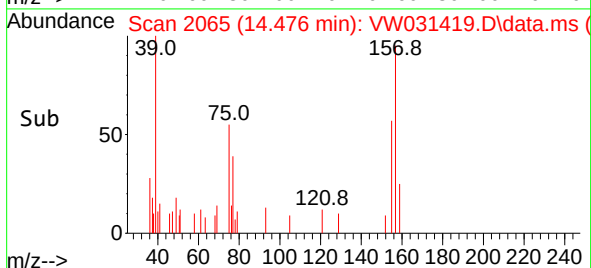
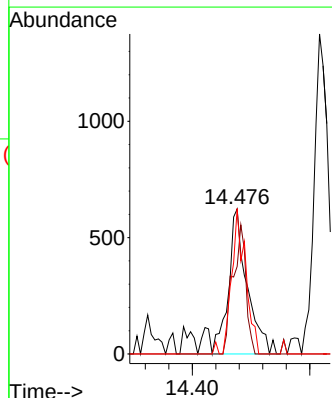
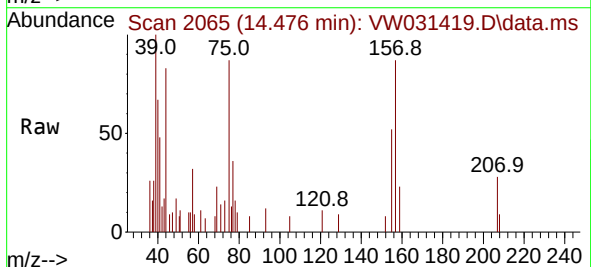
Tgt Ion: 75 Resp: 1619

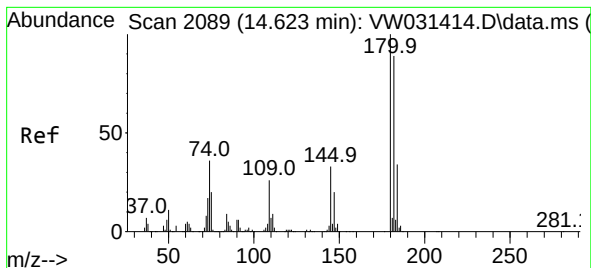
Ion Ratio Lower Upper

75 100

155 60.4 56.6 85.0

157 100.3 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 1.036 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

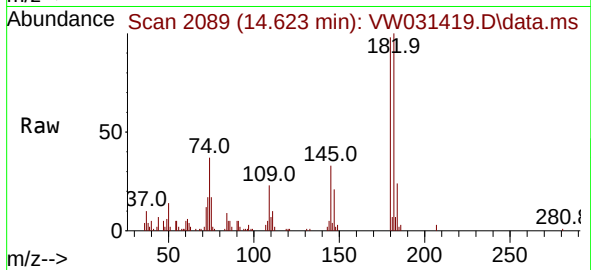
Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 11684

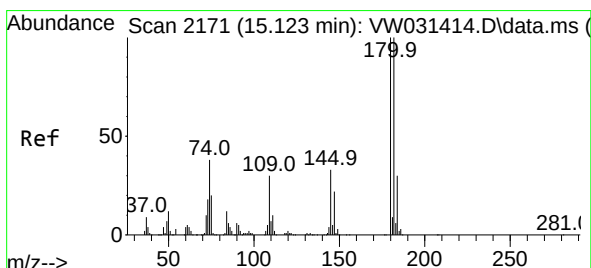
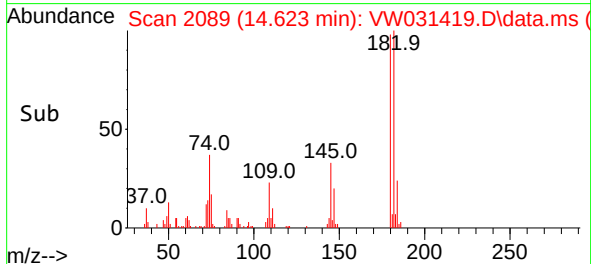
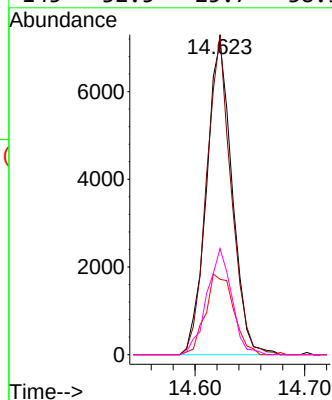
Ion Ratio Lower Upper

180 100

182 96.9 75.0 112.4

184 28.1 24.6 36.8

145 32.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 1.070 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031419.D

Acq: 20 Dec 2024 11:48

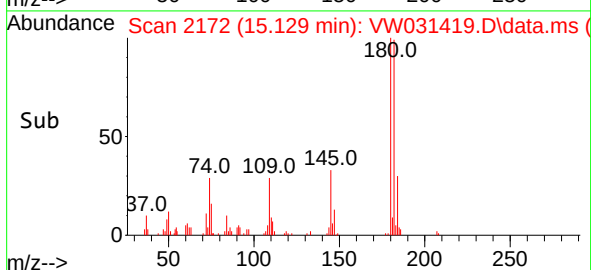
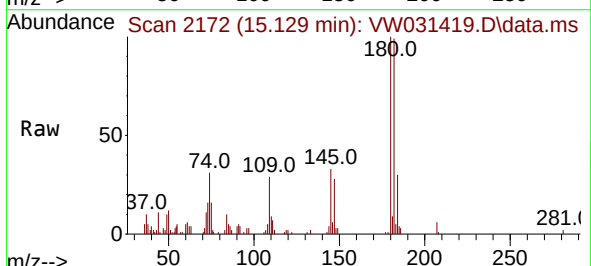
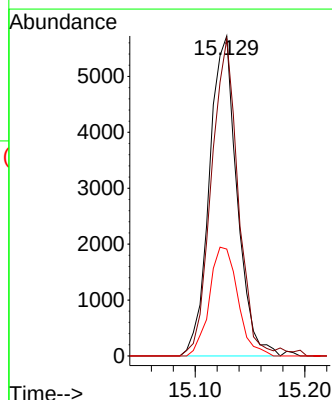
Tgt Ion:180 Resp: 10040

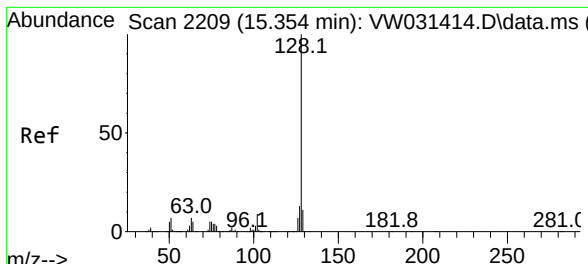
Ion Ratio Lower Upper

180 100

182 95.3 78.2 117.2

145 35.0 26.7 40.1

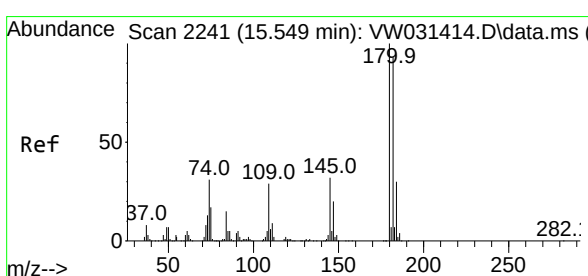
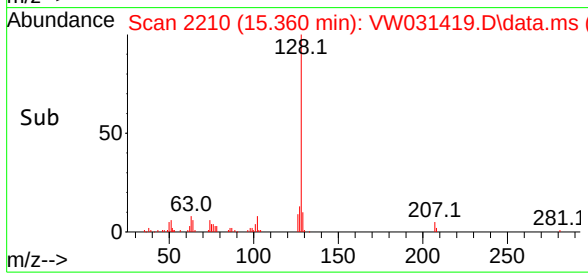
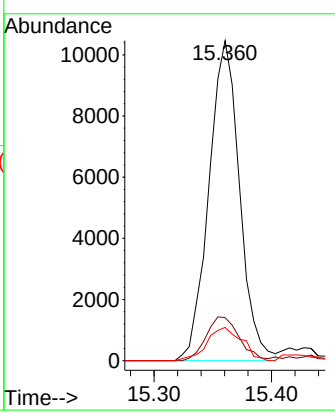
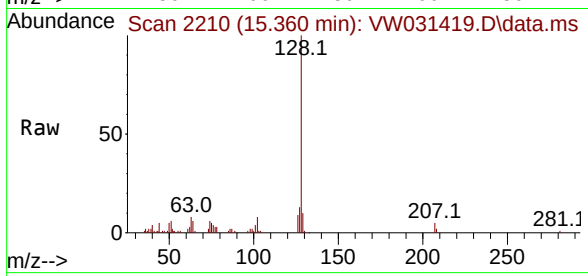




#71
Naphthalene
Concen: 1.156 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	19025
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.7	16.1
129	11.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.198 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031419.D
Acq: 20 Dec 2024 11:48

Tgt Ion:	180	Resp:	9062
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.0	112.4
145	34.7	27.8	41.6

