

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031379.D
 Acq On : 19 Dec 2024 12:56
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:30:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 00:25:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	646101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	575366	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	278793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	177190	18.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.920%
7) Chloroethane-d5	2.893	69	145063	20.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
11) 1,1-Dichloroethene-d2	4.015	65	82328	17.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.400%
21) 2-Butanone-d5	7.093	46	92353	50.445	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.880%
24) Chloroform-d	7.642	84	363782	20.550	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	8.307	65	206600	23.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.960%
32) Benzene-d6	8.270	84	732160	19.854	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	9.270	67	218435	20.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.280%
41) Toluene-d8	10.318	98	675291	19.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.720%
43) trans-1,3-Dichloroprop...	10.575	79	92310	18.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.520%
47) 2-Hexanone-d5	10.922	63	71749	49.640	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	170102	25.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	229417	22.166	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.003	85	6095	1.044	ug/L	89
3) Chloromethane	2.210	50	8698	1.326	ug/L	100
6) Bromomethane	2.789	94	7277	1.302	ug/L	91
8) Chloroethane	2.923	64	3194	0.591	ug/L	98
9) Trichlorofluoromethane	3.253	101	9519	0.983	ug/L #	72
12) 1,1-Dichloroethene	4.033	96	11077	1.398	ug/L #	1
14) Carbon disulfide	4.381	76	24746	0.958	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	10525	1.233	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	19003	1.331	ug/L	98
19) 1,1-Dichloroethane	6.216	63	18995	1.191	ug/L #	92
20) cis-1,2-Dichloroethene	7.173	96	11488	1.244	ug/L	93
23) Bromochloromethane	7.508	128	4938	1.340	ug/L #	78
25) Chloroform	7.673	83	34583	2.196	ug/L	98
27) 1,2-Dichloroethane	8.404	62	14144	1.429	ug/L	97
29) Cyclohexane	7.953	56	16187	1.037	ug/L	93
30) 1,1,1-Trichloroethane	7.874	97	16143	1.086	ug/L	98
31) Carbon tetrachloride	8.069	117	14079	1.063	ug/L	97
33) Benzene	8.319	78	42931	1.207	ug/L	100
34) Trichloroethene	9.093	95	11925	1.188	ug/L	96

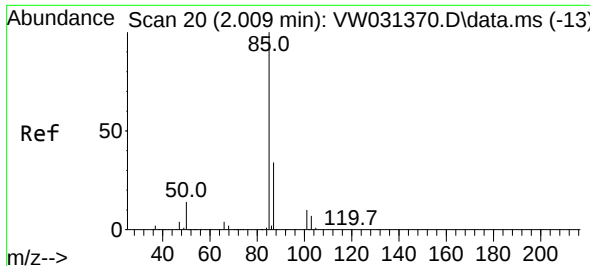
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Quant Time: Dec 20 00:30:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 00:25:15 2024
 Response via : Initial Calibration

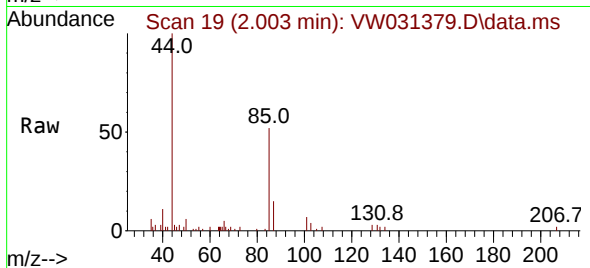
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	9.331	83	19361	1.107	ug/L	99
37) 1,2-Dichloropropane	9.367	63	11155	1.258	ug/L	99
38) Bromodichloromethane	9.642	83	12702	1.102	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	16103	1.074	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	16644	3.537	ug/L	97
42) Toluene	10.386	91	47649	1.231	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	18327	1.497	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	8025	1.360	ug/L	97
46) Tetrachloroethene	10.855	164	8255	1.123	ug/L	99
48) 2-Hexanone	10.971	43	8227	2.056	ug/L #	91
49) Dibromochloromethane	11.123	129	7877	1.126	ug/L	88
50) 1,2-Dibromoethane	11.233	107	7714	1.380	ug/L #	98
51) Chlorobenzene	11.654	112	29324	1.208	ug/L	99
52) Ethylbenzene	11.727	91	54558	1.216	ug/L	97
53) m,p-Xylene	11.836	106	20009	1.171	ug/L	92
54) o-Xylene	12.160	106	19427	1.207	ug/L	98
55) Styrene	12.178	104	32197	1.202	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	9659	1.519	ug/L #	95
59) Bromoform	12.349	173	4003	1.022	ug/L #	97
60) Isopropylbenzene	12.458	105	51682	1.133	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	7094	1.487	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	42896	1.109	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	41707	1.116	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	22109	1.196	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	22421	1.224	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	20859	1.310	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	1742	1.439	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	15728	1.215	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	12935	1.201	ug/L	100
71) Naphthalene	15.360	128	25615	1.357	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	11914	1.373	ug/L	98

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

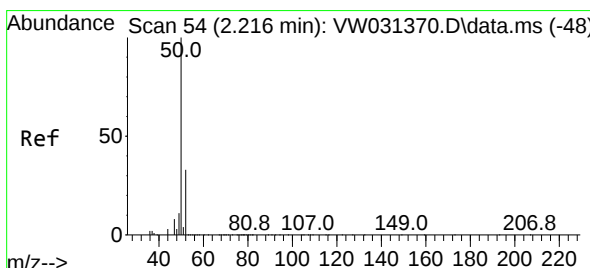
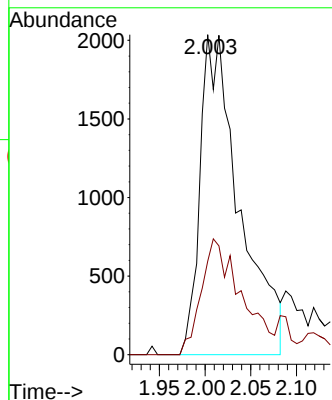
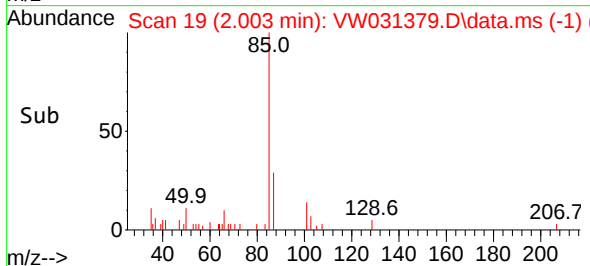


#2
Dichlorodifluoromethane
Concen: 1.044 ug/L
RT: 2.003 min Scan# 19
Delta R.T. -0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Instrument :
MSVOA_W
ClientSampleId :

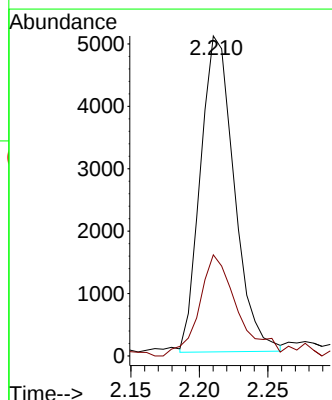
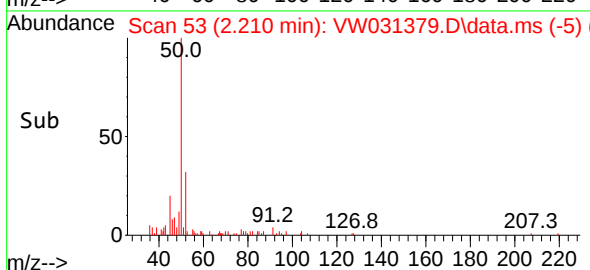
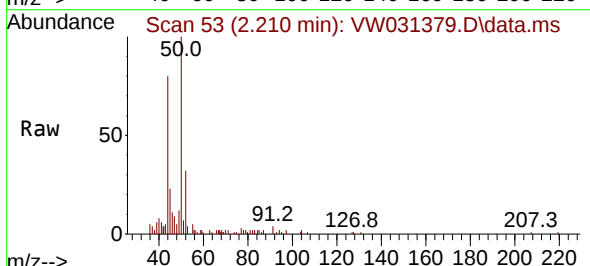


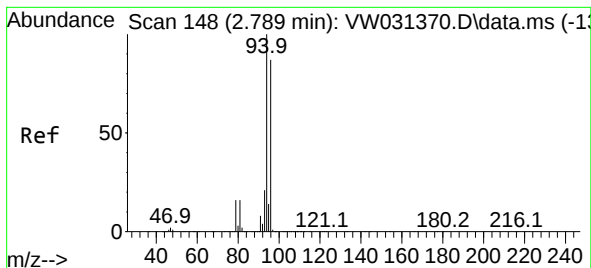
Tgt Ion: 85 Resp: 6095
Ion Ratio Lower Upper
85 100
87 37.0 24.9 37.3



#3
Chloromethane
Concen: 1.326 ug/L
RT: 2.210 min Scan# 53
Delta R.T. -0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion: 50 Resp: 8698
Ion Ratio Lower Upper
50 100
52 31.6 22.0 41.0





#6

Bromomethane

Concen: 1.302 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

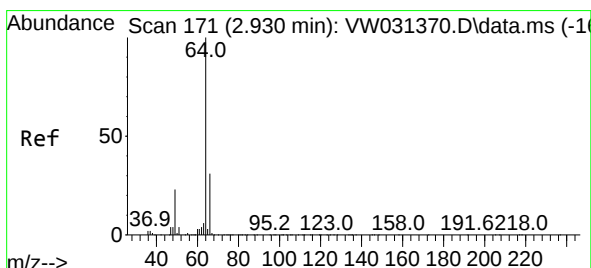
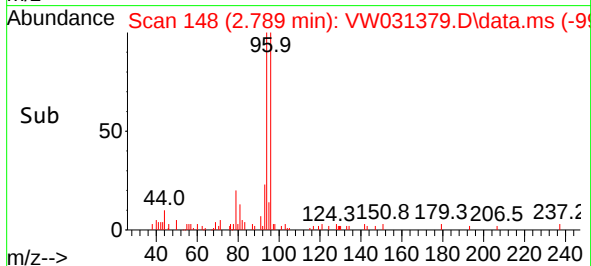
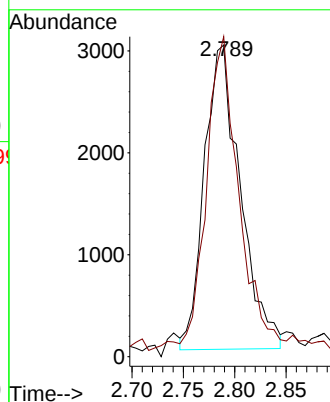
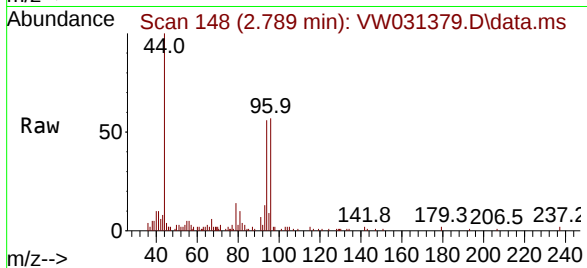
ClientSampleId :

Tgt Ion: 94 Resp: 7277

Ion Ratio Lower Upper

94 100

96 102.6 65.6 121.8



#8

Chloroethane

Concen: 0.591 ug/L

RT: 2.923 min Scan# 170

Delta R.T. -0.006 min

Lab File: VW031379.D

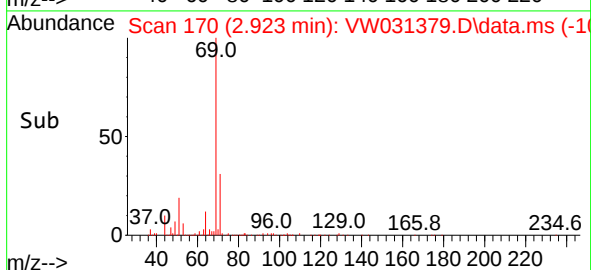
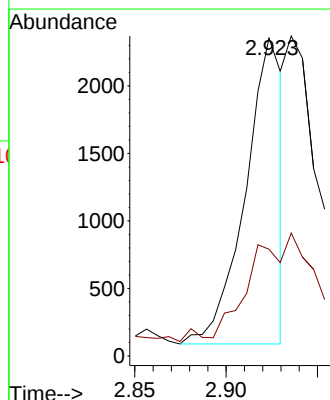
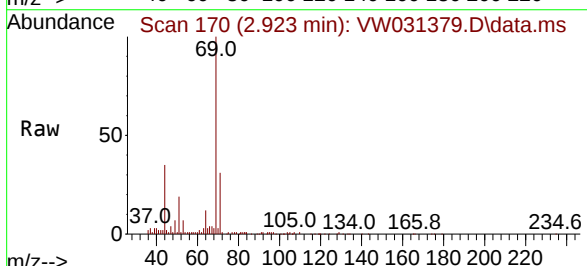
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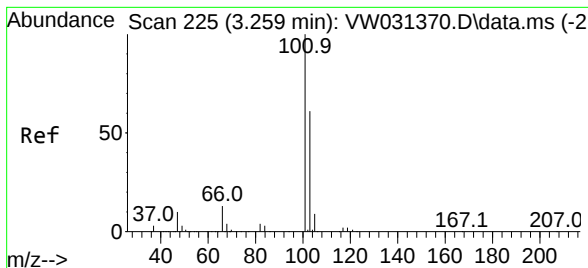
Tgt Ion: 64 Resp: 3194

Ion Ratio Lower Upper

64 100

66 33.6 22.7 42.3





#9

Trichlorofluoromethane

Concen: 0.983 ug/L

RT: 3.253 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

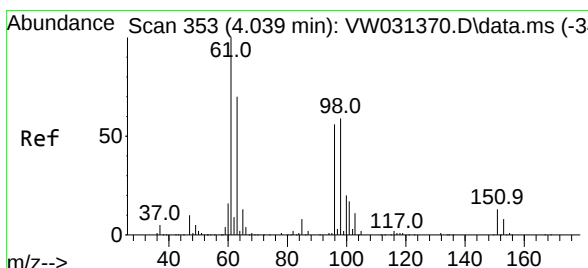
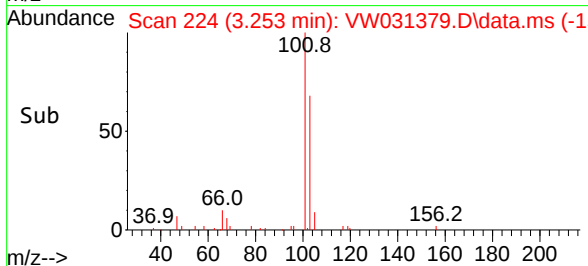
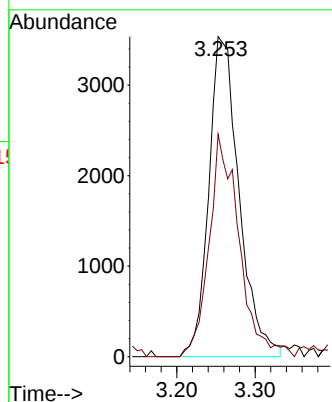
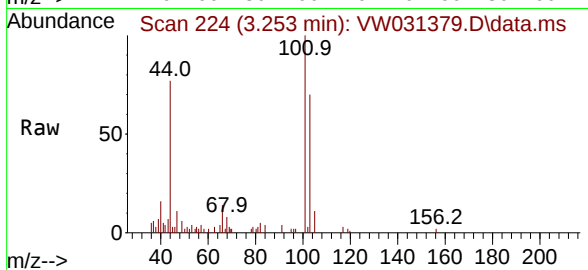
ClientSampleId :

Tgt Ion:101 Resp: 9519

Ion Ratio Lower Upper

101 100

103 42.3 51.6 77.4#



#12

1,1-Dichloroethene

Concen: 1.398 ug/L

RT: 4.033 min Scan# 352

Delta R.T. -0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

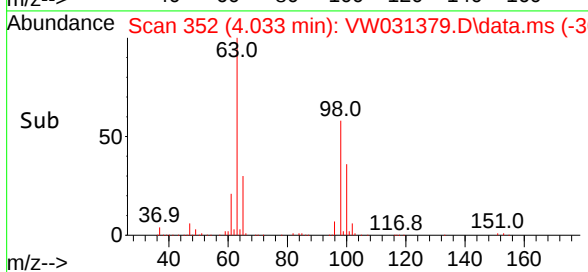
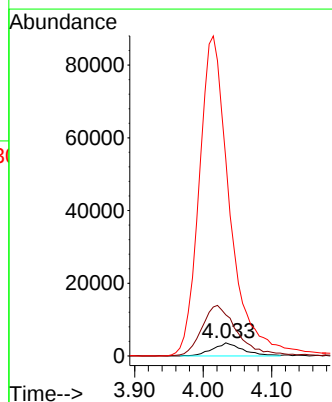
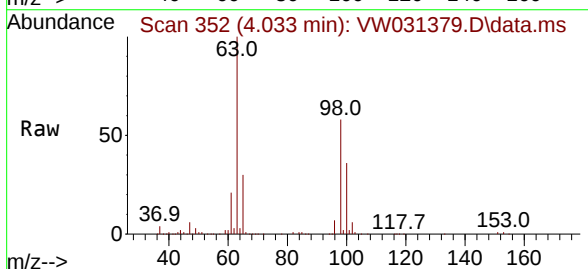
Tgt Ion: 96 Resp: 11077

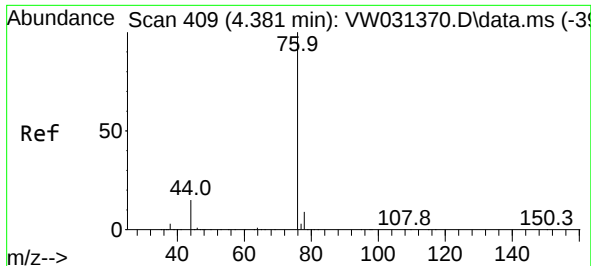
Ion Ratio Lower Upper

96 100

61 312.5 125.3 232.7#

63 1493.8 104.6 194.2#

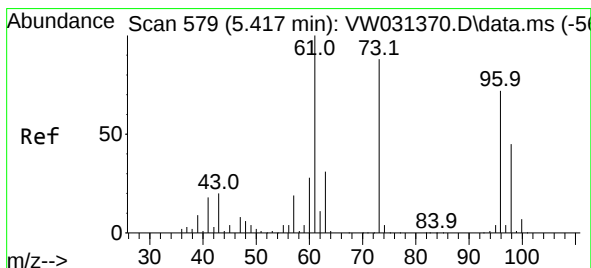
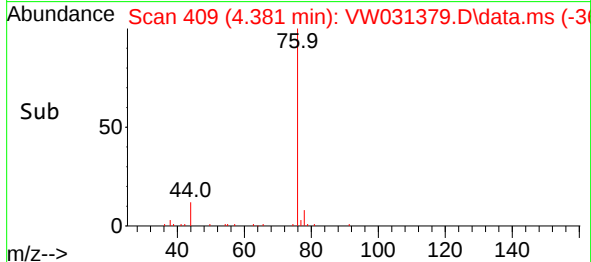
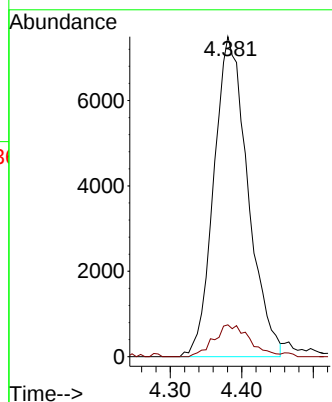
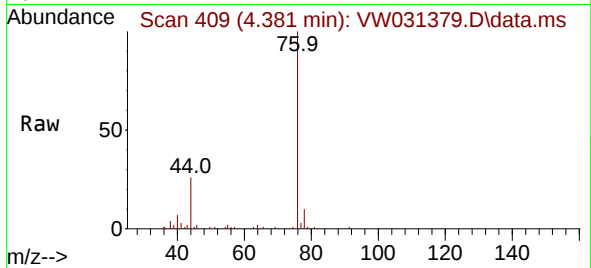




#14
Carbon disulfide
Concen: 0.958 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

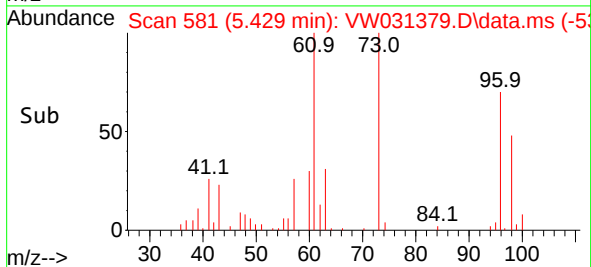
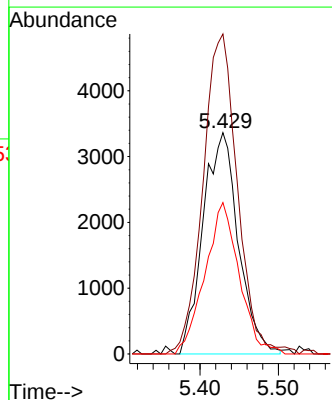
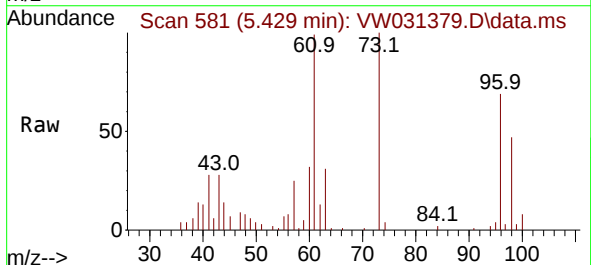
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MSVOA_W
ClientSampleId :

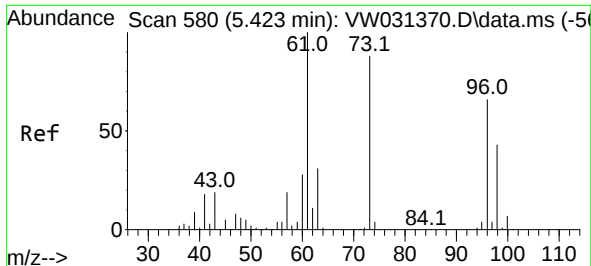
Tgt Ion: 76 Resp: 24746
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#17
trans-1,2-Dichloroethene
Concen: 1.233 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.012 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion: 96 Resp: 10525
Ion Ratio Lower Upper
96 100
61 144.6 100.7 187.1
98 68.4 43.8 81.3

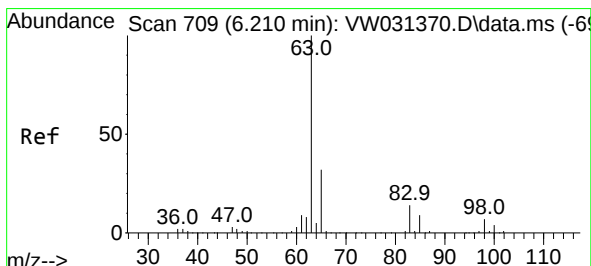
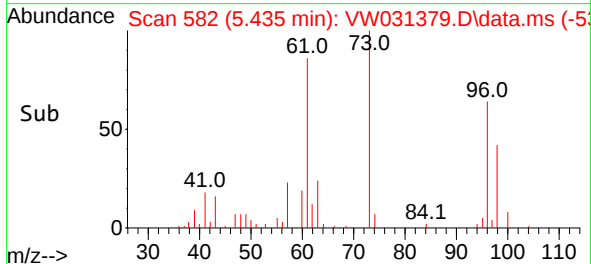
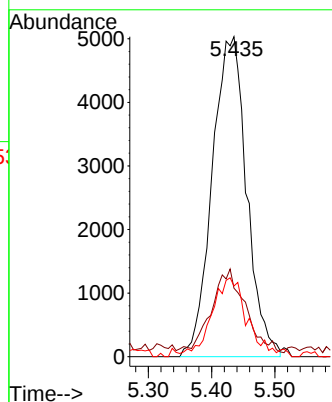
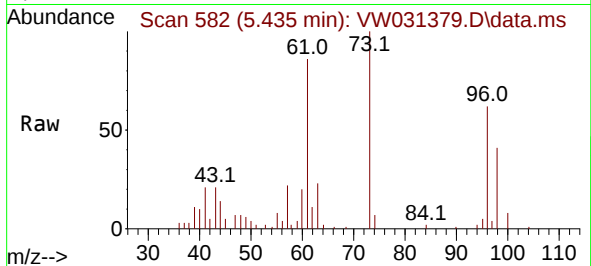




#18
Methyl tert-butyl Ether
Concen: 1.331 ug/L
RT: 5.435 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

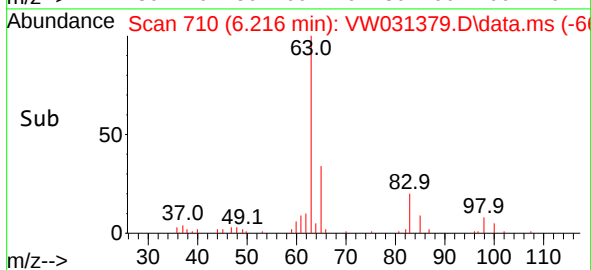
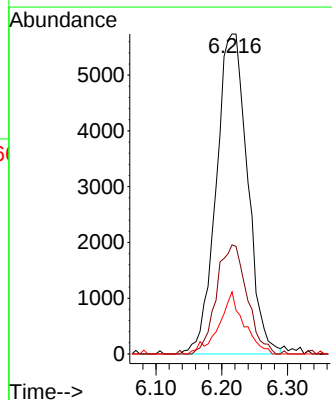
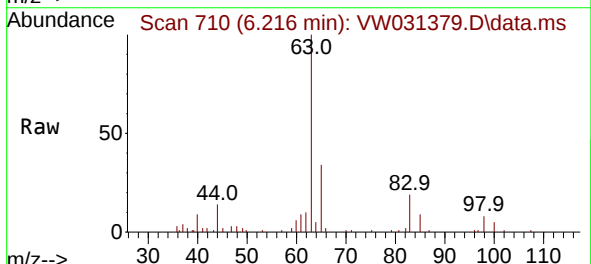
Instrument :
MSVOA_W
ClientSampleId :

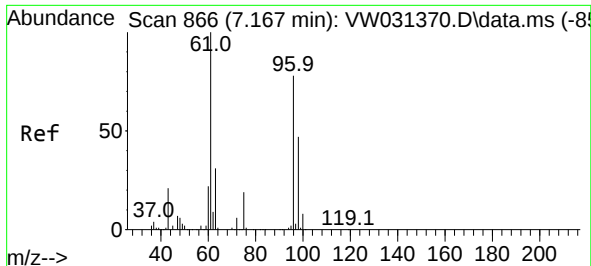
Tgt Ion: 73	Resp: 19003
Ion Ratio	Lower Upper
73 100	
43 22.8	17.9 26.9
57 20.5	17.9 26.9



#19
1,1-Dichloroethane
Concen: 1.191 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion: 63	Resp: 18995
Ion Ratio	Lower Upper
63 100	
65 34.1	21.9 40.7
83 19.4	9.3 17.3#

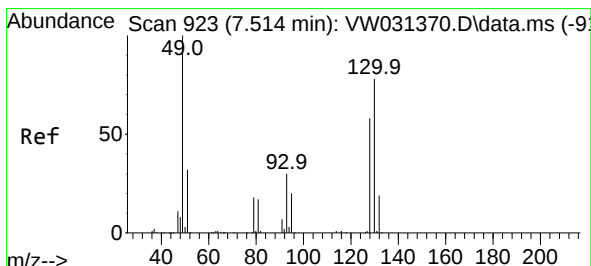
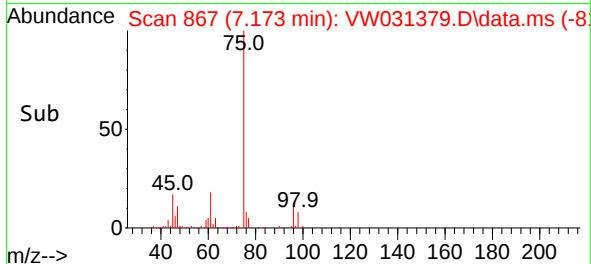
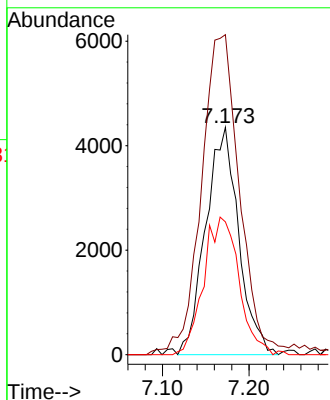
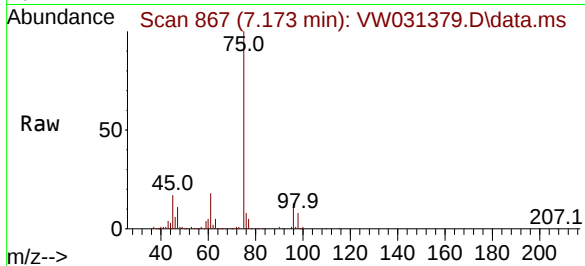




#20
 cis-1,2-Dichloroethene
 Concen: 1.244 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW031379.D
 Acq: 19 Dec 2024 12:56

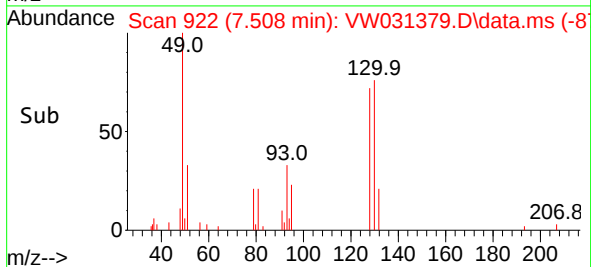
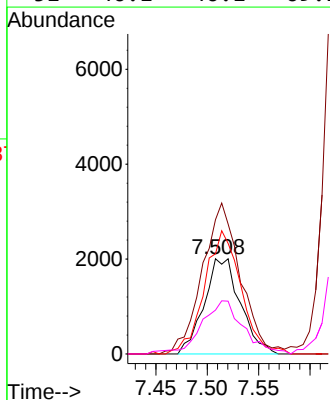
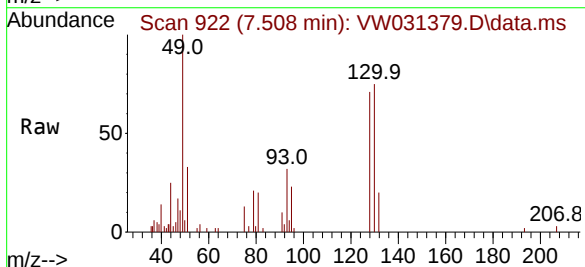
Instrument :
 MSVOA_W
 ClientSampleId :

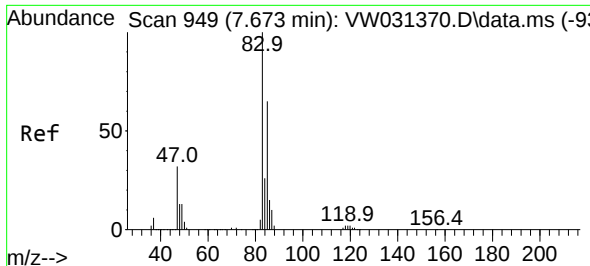
Tgt Ion: 96 Resp: 11488
 Ion Ratio Lower Upper
 96 100
 61 140.8 92.2 171.2
 98 58.4 43.7 81.1



#23
 Bromochloromethane
 Concen: 1.340 ug/L
 RT: 7.508 min Scan# 922
 Delta R.T. -0.006 min
 Lab File: VW031379.D
 Acq: 19 Dec 2024 12:56

Tgt Ion: 128 Resp: 4938
 Ion Ratio Lower Upper
 128 100
 49 141.0 123.7 229.7
 130 105.1 90.3 167.7
 51 46.1 46.1 69.1#

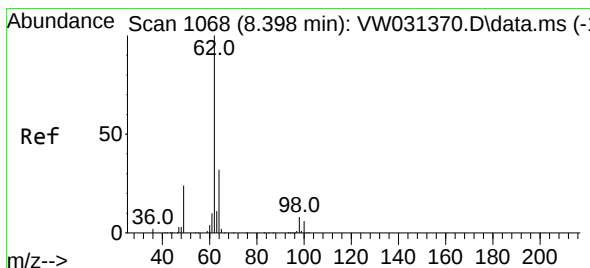
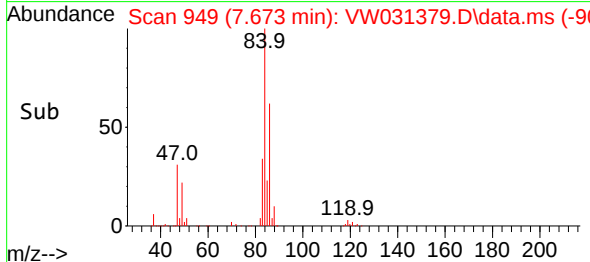
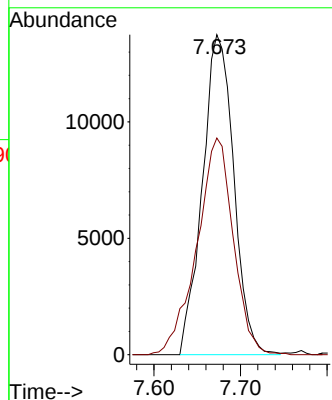
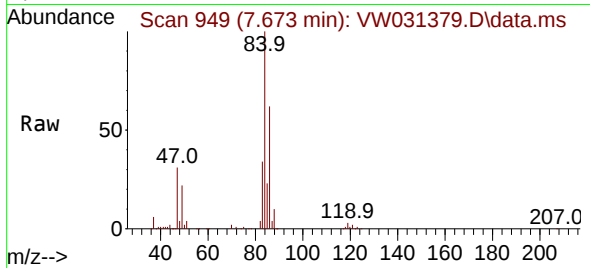




#25
Chloroform
Concen: 2.196 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

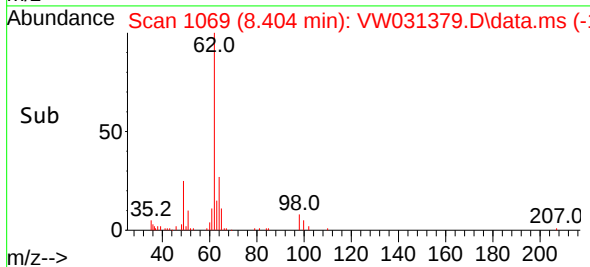
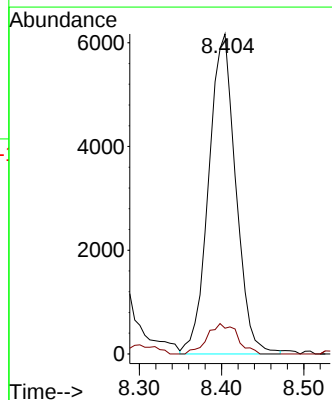
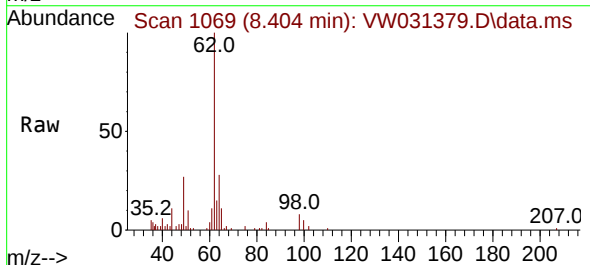
Instrument :
MSVOA_W
ClientSampleId :

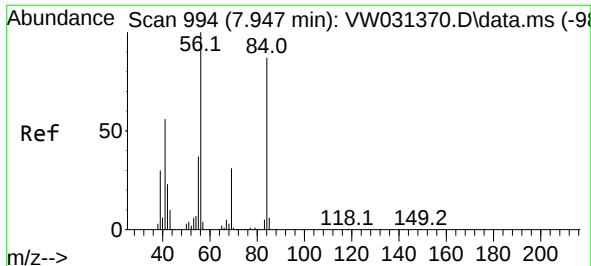
Tgt Ion: 83 Resp: 34583
Ion Ratio Lower Upper
83 100
85 67.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 1.429 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion: 62 Resp: 14144
Ion Ratio Lower Upper
62 100
98 8.0 7.2 10.8





#29

Cyclohexane

Concen: 1.037 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

ClientSampleId :

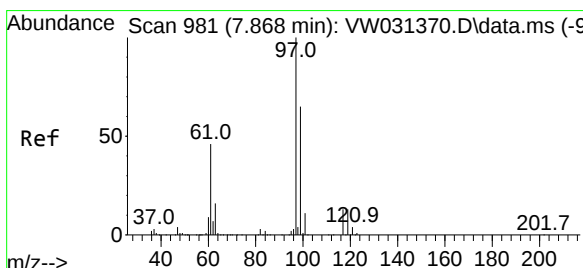
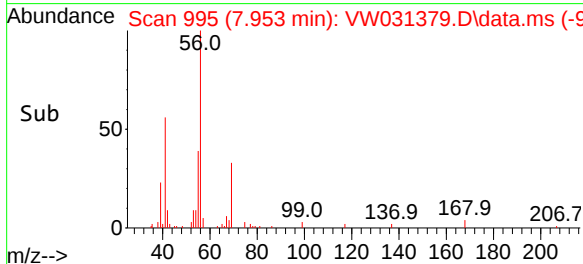
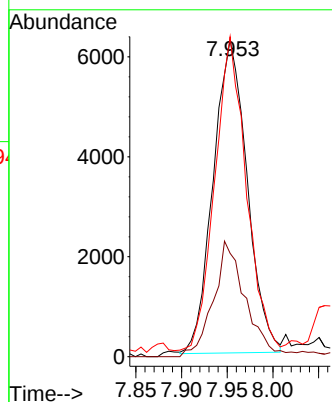
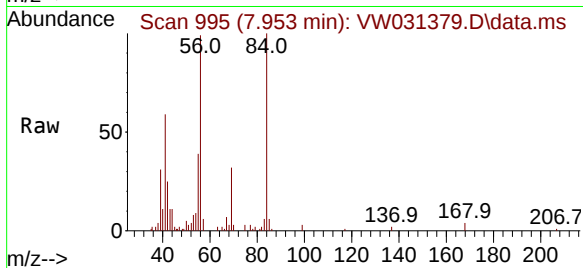
Tgt Ion: 56 Resp: 16187

Ion Ratio Lower Upper

56 100

69 35.0 25.0 37.4

84 92.7 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 1.086 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

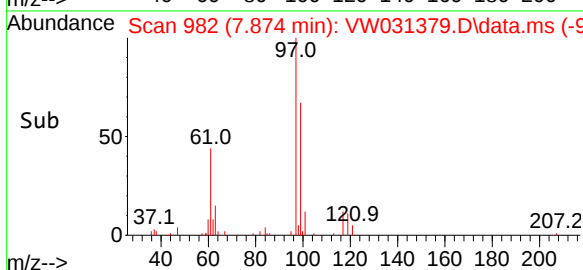
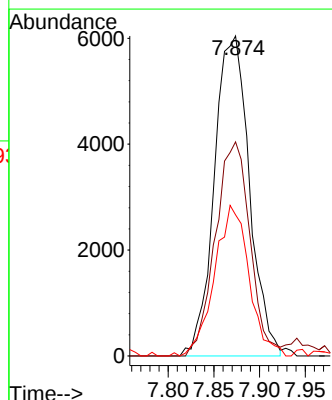
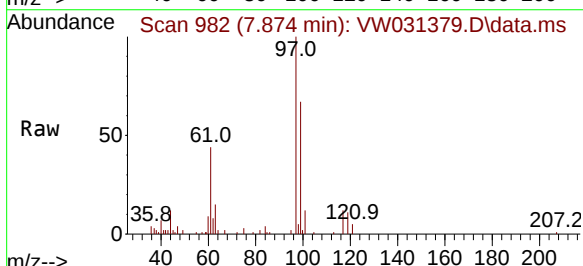
Tgt Ion: 97 Resp: 16143

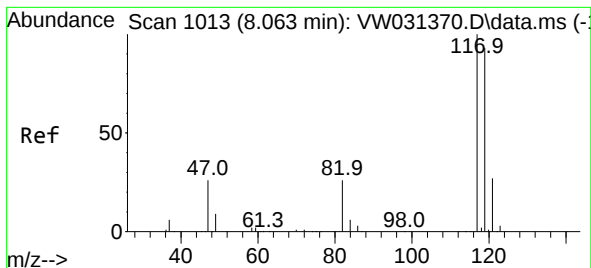
Ion Ratio Lower Upper

97 100

99 66.1 51.1 76.7

61 46.2 36.3 54.5





#31

Carbon tetrachloride

Concen: 1.063 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

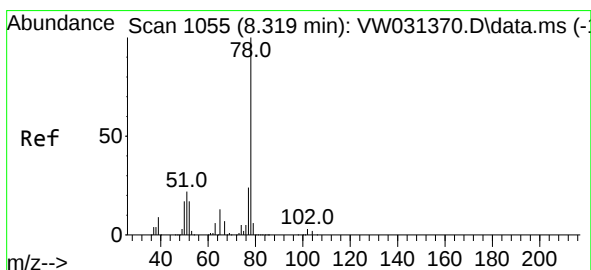
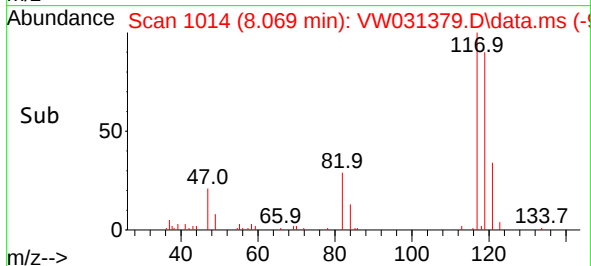
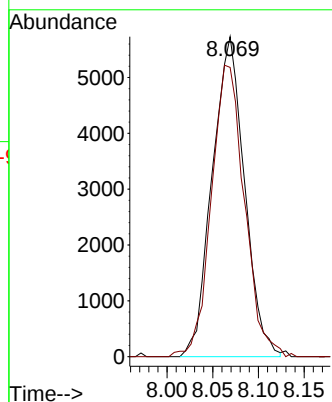
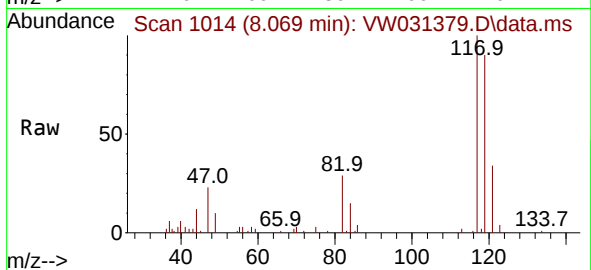
ClientSampleId :

Tgt Ion:117 Resp: 14079

Ion Ratio Lower Upper

117 100

119 92.3 76.0 114.0



#33

Benzene

Concen: 1.207 ug/L

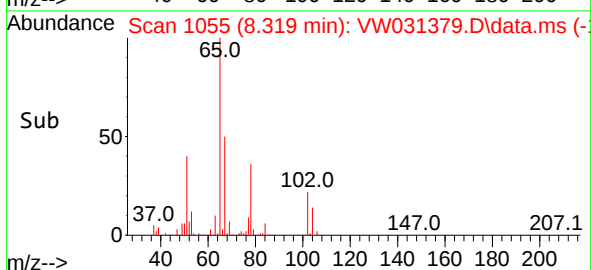
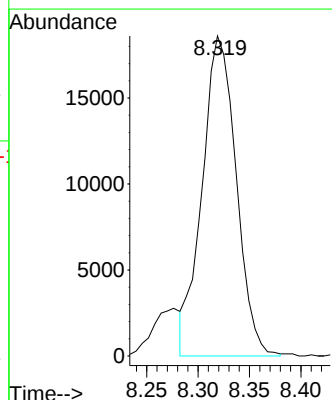
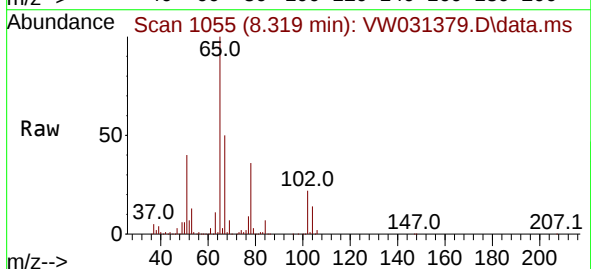
RT: 8.319 min Scan# 1055

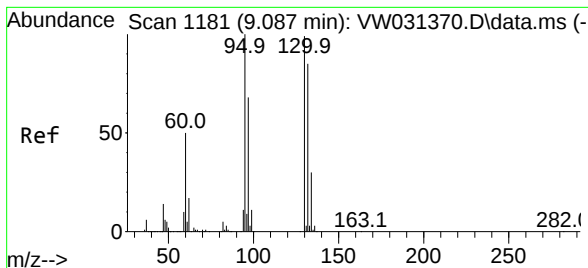
Delta R.T. -0.000 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Tgt Ion: 78 Resp: 42931





#34

Trichloroethene

Concen: 1.188 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

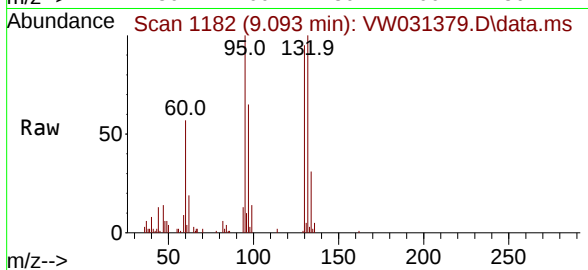
Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 11925

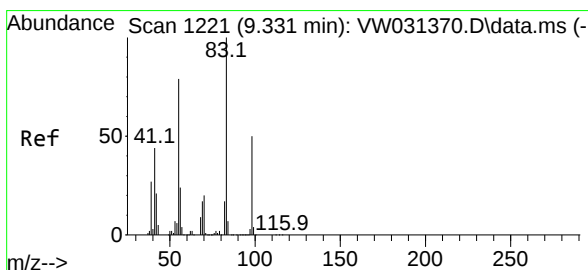
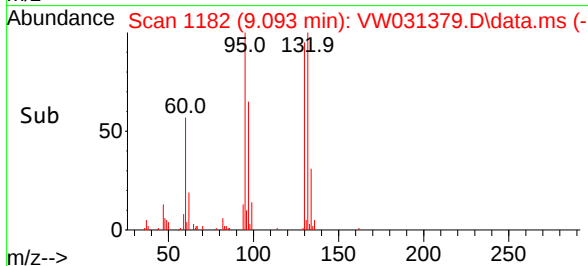
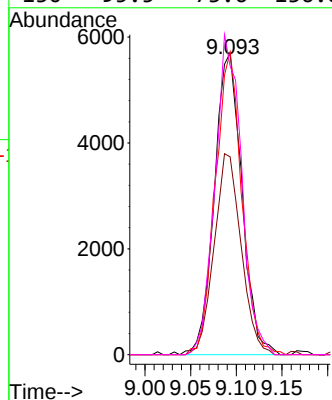
Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.5	86.3
132	100.3	70.3	130.5
130	95.5	73.6	136.8

95 100

97 65.6 46.5 86.3

132 100.3 70.3 130.5

130 95.5 73.6 136.8



#35

Methylcyclohexane

Concen: 1.107 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

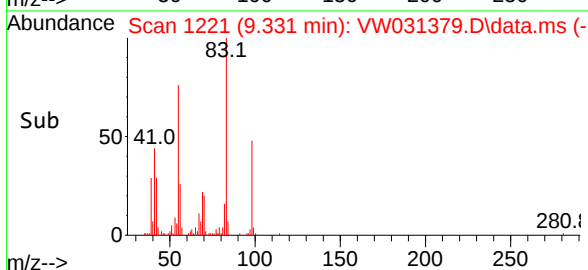
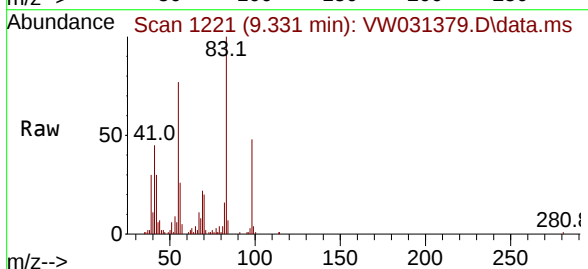
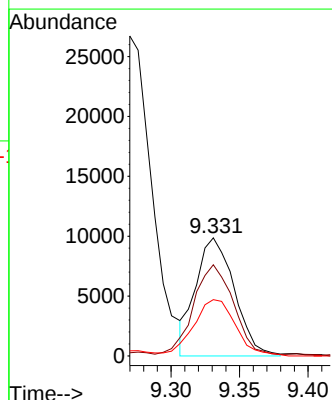
Tgt Ion: 83 Resp: 19361

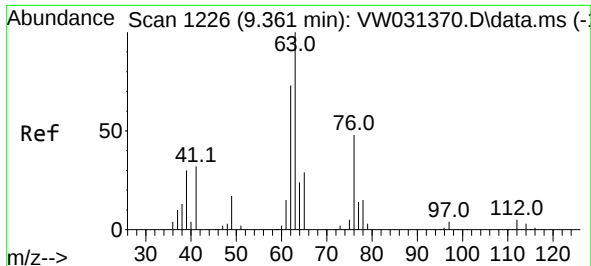
Ion	Ratio	Lower	Upper
83	100		
55	78.8	62.6	93.8
98	51.5	39.8	59.6

83 100

55 78.8 62.6 93.8

98 51.5 39.8 59.6





#37

1,2-Dichloropropane

Concen: 1.258 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

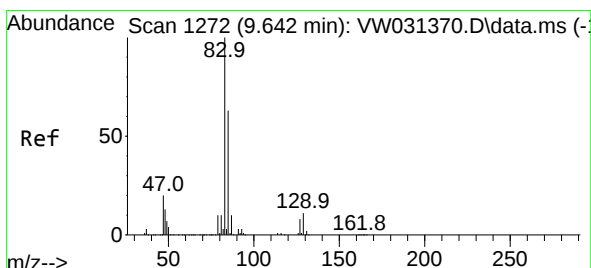
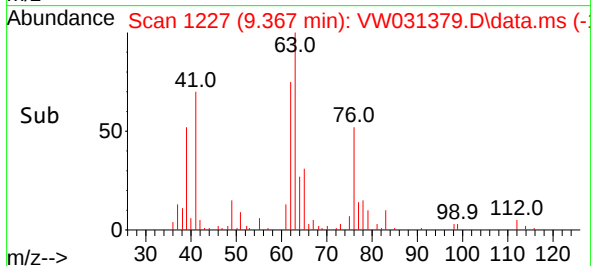
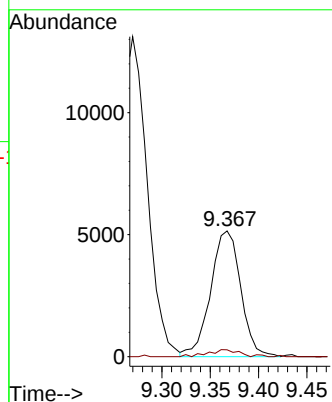
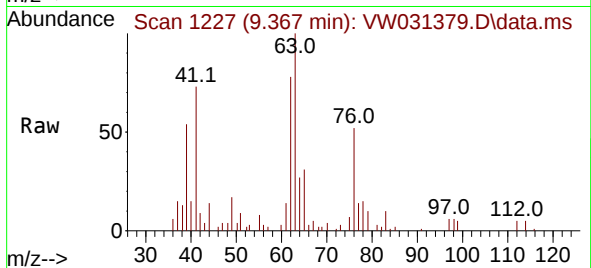
ClientSampleId :

Tgt Ion: 63 Resp: 11155

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 1.102 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

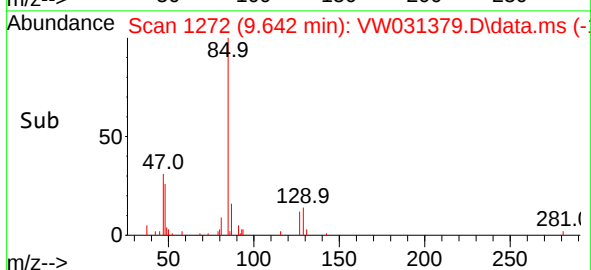
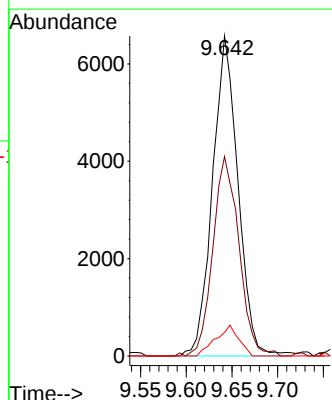
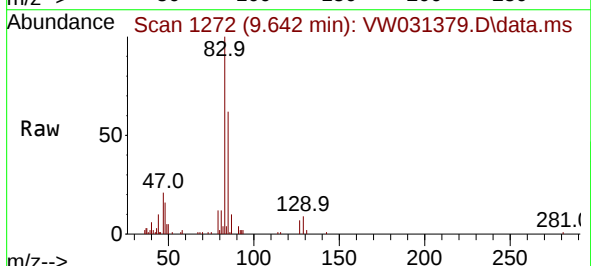
Tgt Ion: 83 Resp: 12702

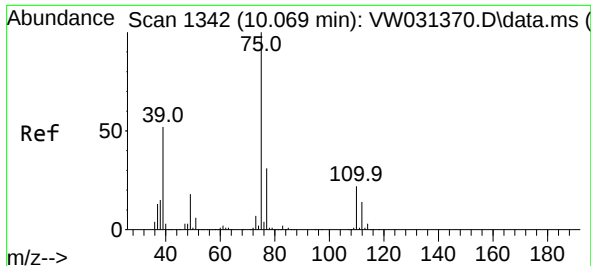
Ion Ratio Lower Upper

83 100

85 62.3 46.5 86.5

127 7.3 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 1.074 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

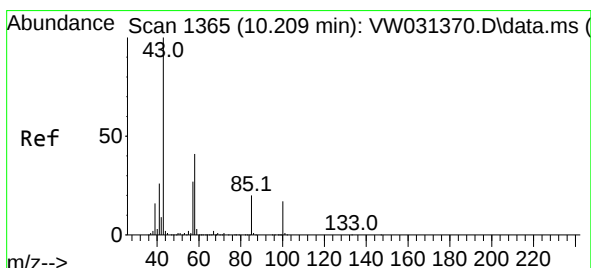
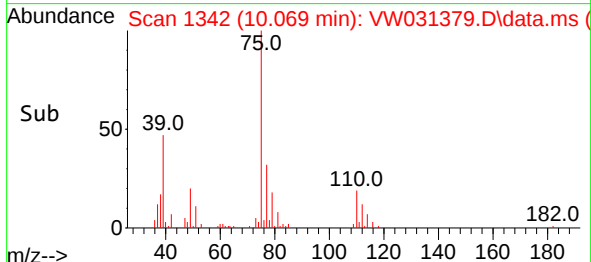
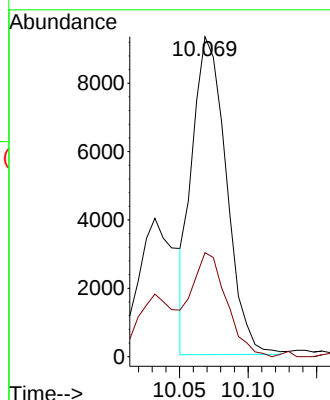
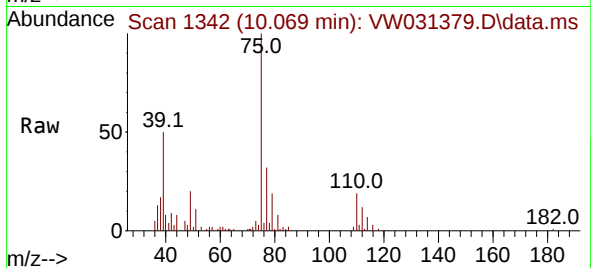
ClientSampleId :

Tgt Ion: 75 Resp: 16103

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 3.537 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

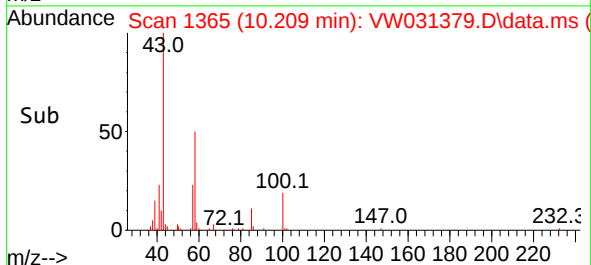
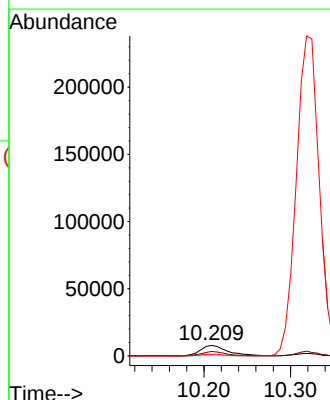
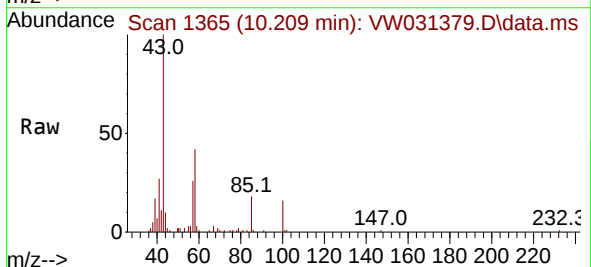
Tgt Ion: 43 Resp: 16644

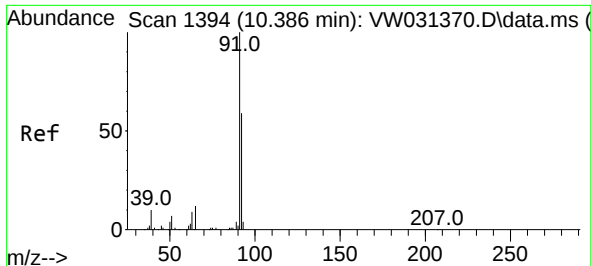
Ion Ratio Lower Upper

43 100

58 41.4 31.1 46.7

100 15.5 13.0 19.6

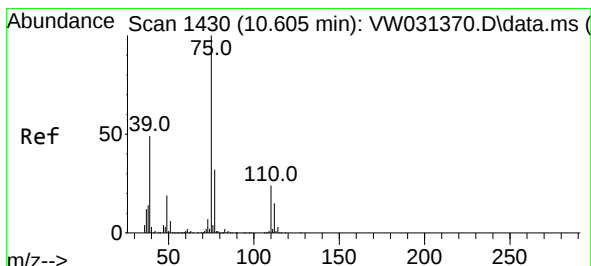
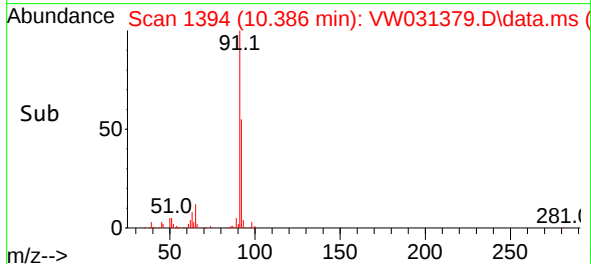
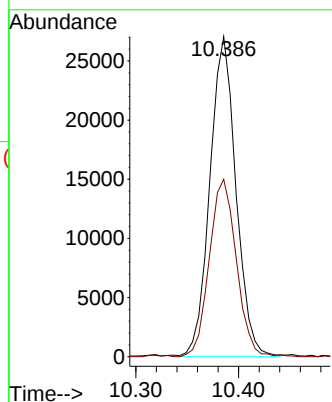
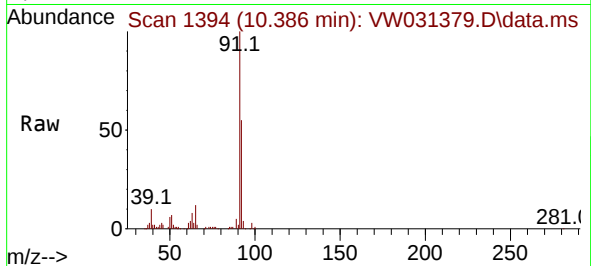




#42
Toluene
Concen: 1.231 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

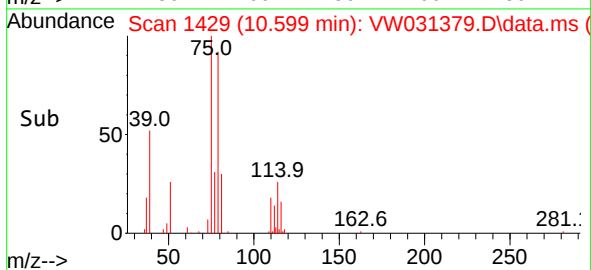
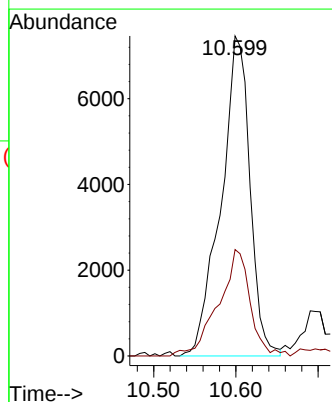
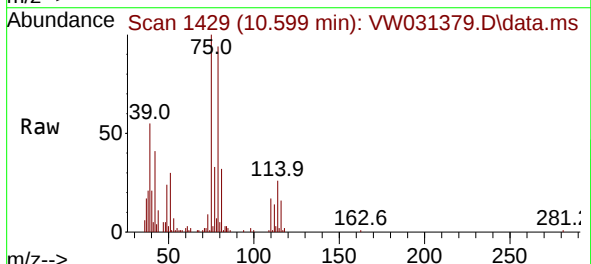
Instrument :
MSVOA_W
ClientSampleId :

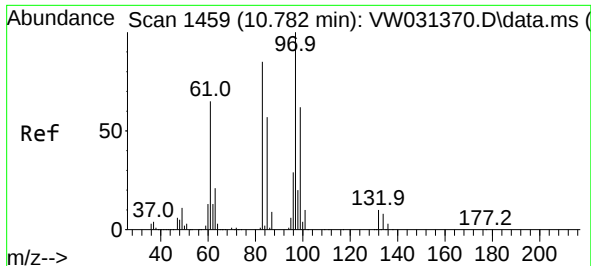
Tgt Ion: 91 Resp: 47649
Ion Ratio Lower Upper
91 100
92 55.4 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 1.497 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

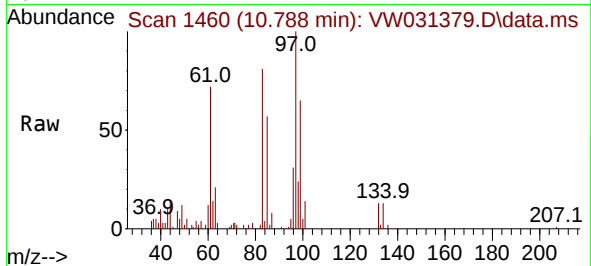
Tgt Ion: 75 Resp: 18327
Ion Ratio Lower Upper
75 100
77 33.2 21.2 39.4



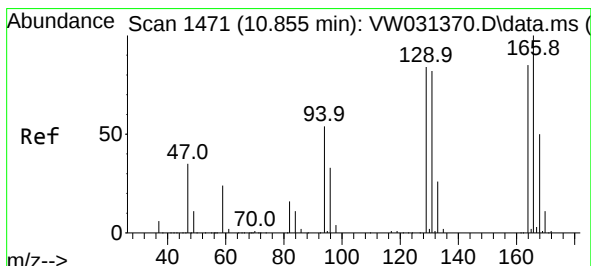
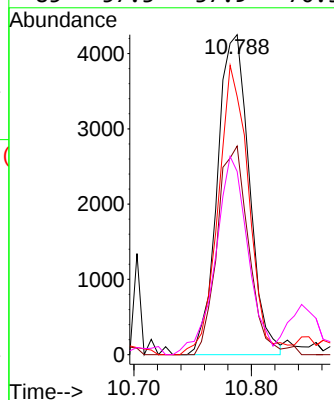
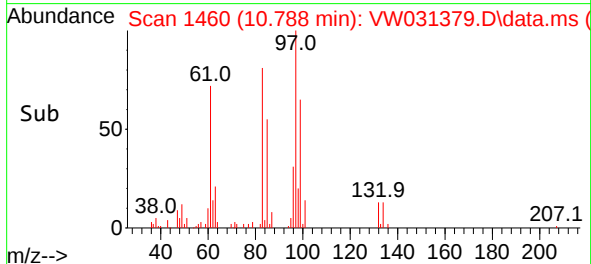


#45
1,1,2-Trichloroethane
Concen: 1.360 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

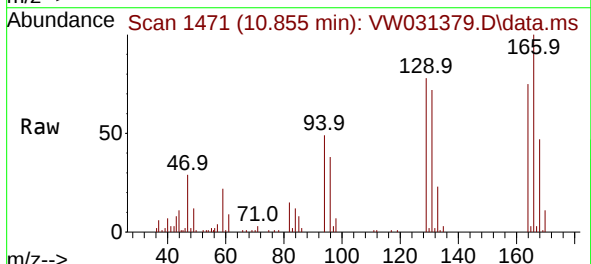
Instrument :
MSVOA_W
ClientSampleId :



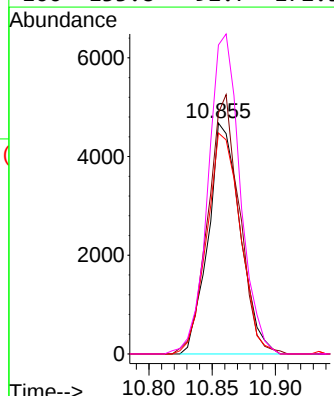
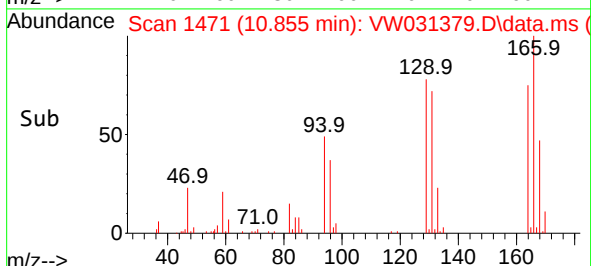
Tgt Ion:	97	Resp:	8025
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.0	80.0
83	80.6	56.4	104.7
85	57.3	37.9	70.3

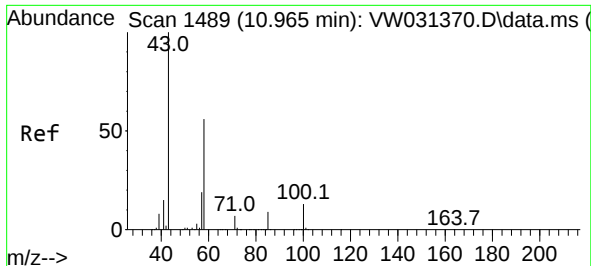


#46
Tetrachloroethene
Concen: 1.123 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56



Tgt Ion:	164	Resp:	8255
Ion	Ratio	Lower	Upper
164	100		
129	104.4	73.5	136.5
131	95.7	66.6	123.8
166	133.8	92.7	172.3

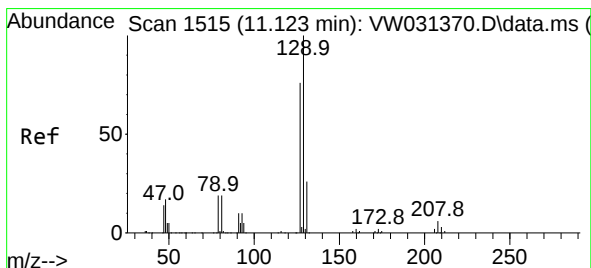
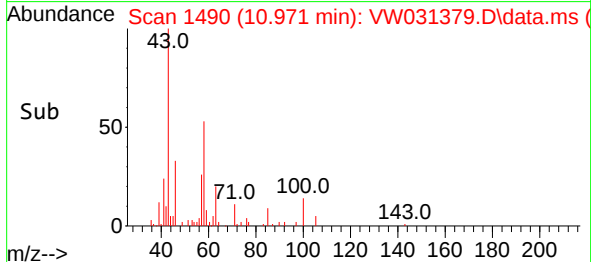
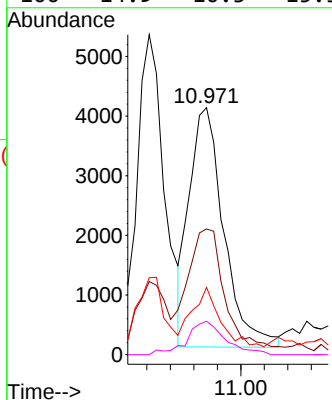
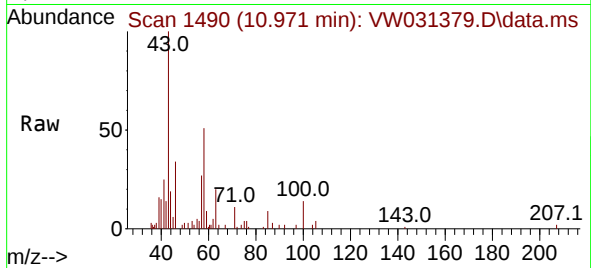




#48
2-Hexanone
Concen: 2.056 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

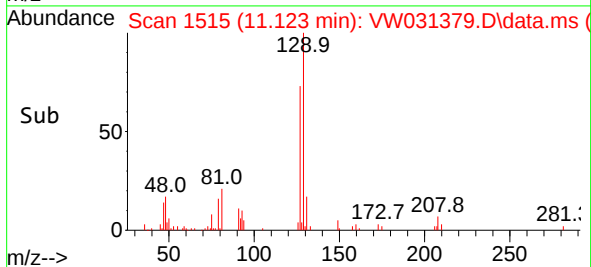
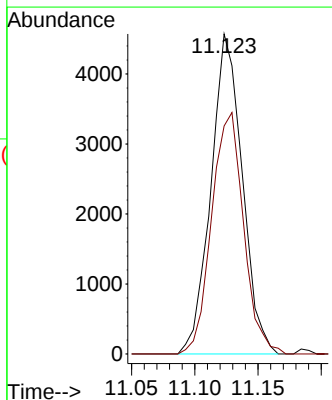
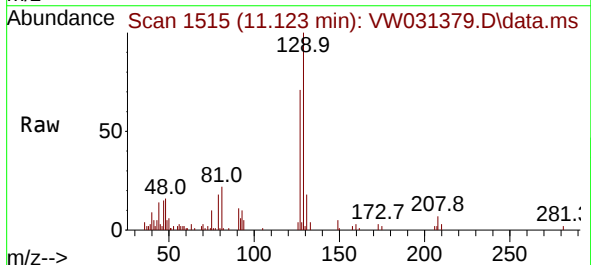
Instrument :
MSVOA_W
ClientSampleId :

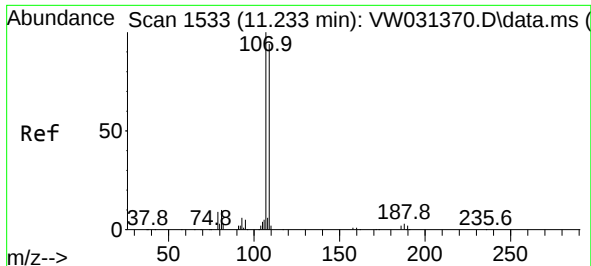
Tgt Ion: 43 Resp: 8227
Ion Ratio Lower Upper
43 100
58 59.9 43.0 64.6
57 25.3 15.7 23.5#
100 14.9 10.3 15.5



#49
Dibromochloromethane
Concen: 1.126 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion: 129 Resp: 7877
Ion Ratio Lower Upper
129 100
127 71.2 57.6 107.0





#50

1,2-Dibromoethane

Concen: 1.380 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031379.D

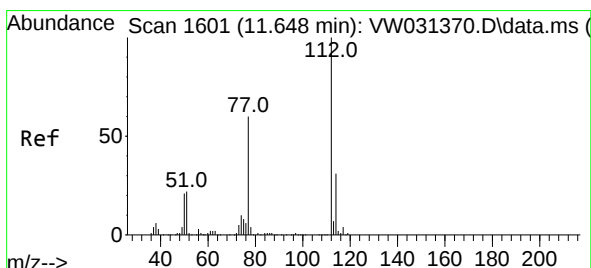
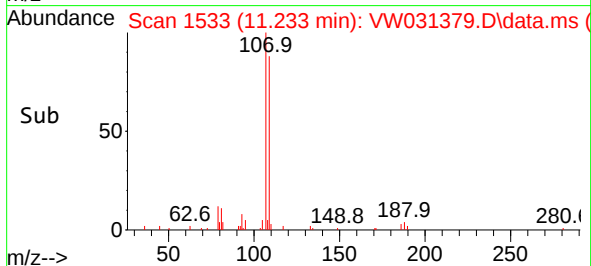
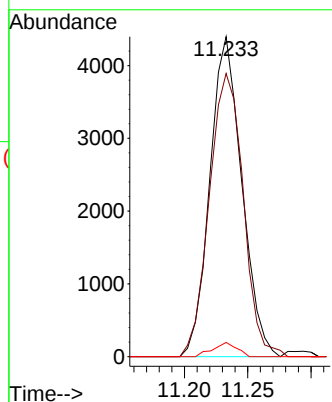
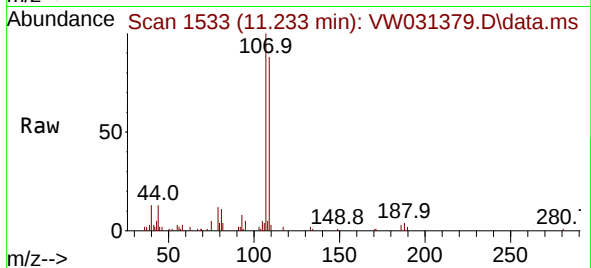
Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	7714
Ion	Ratio	Lower	Upper
107	100		
109	88.5	63.2	117.4
188	4.4	2.6	4.0#



#51

Chlorobenzene

Concen: 1.208 ug/L

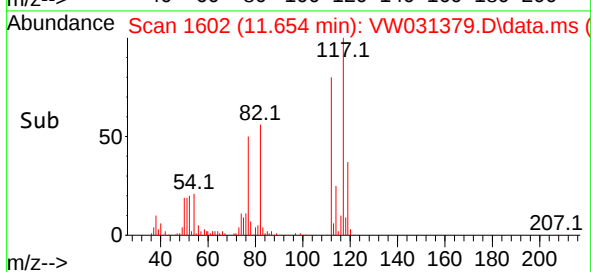
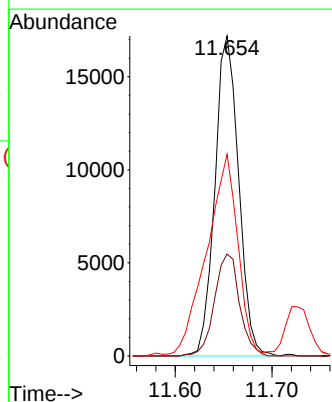
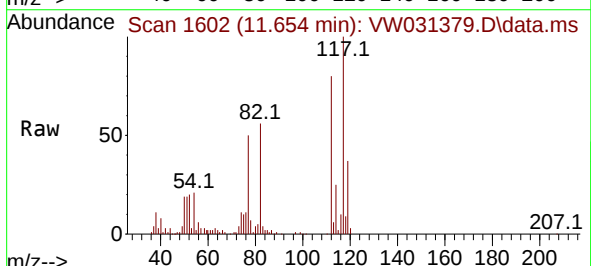
RT: 11.654 min Scan# 1602

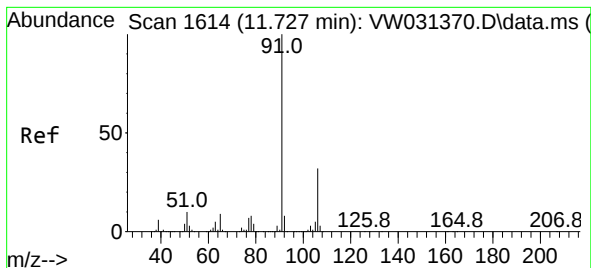
Delta R.T. 0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Tgt Ion:	112	Resp:	29324
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.7	42.3
77	63.0	50.2	75.4

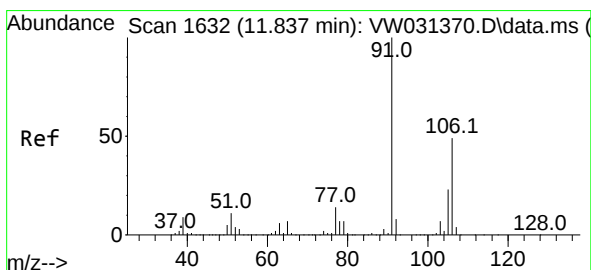
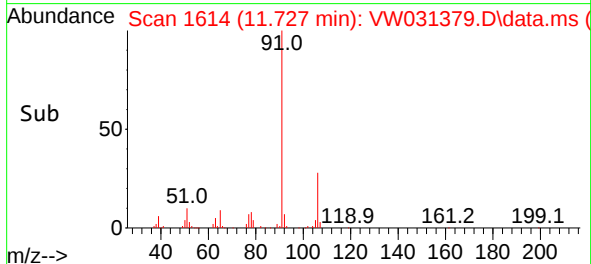
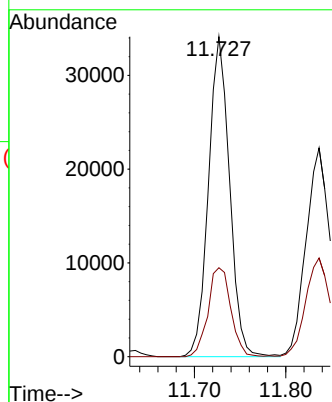
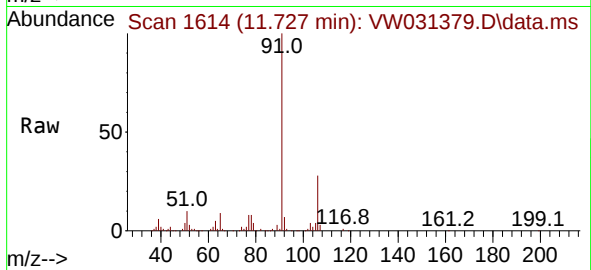




#52
Ethylbenzene
Concen: 1.216 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

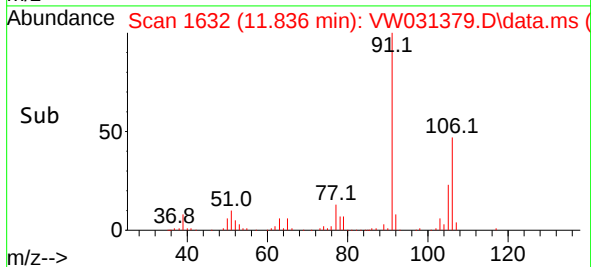
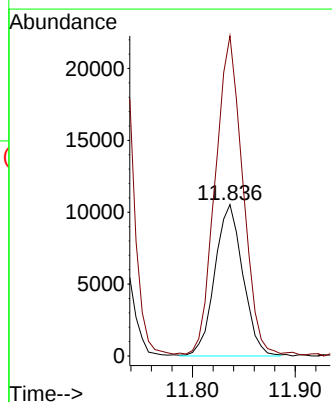
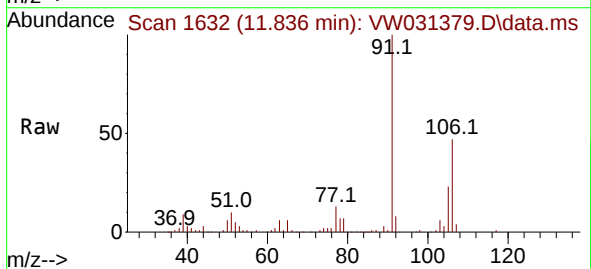
Instrument :
MSVOA_W
ClientSampleId :

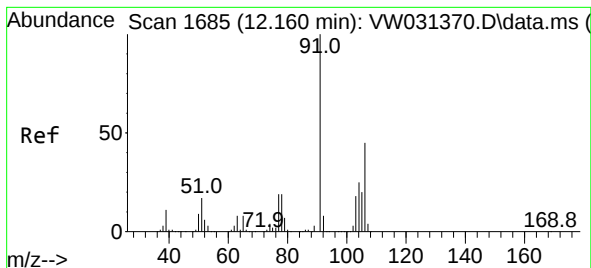
Tgt Ion: 91 Resp: 54558
Ion Ratio Lower Upper
91 100
106 27.8 20.7 38.5



#53
m,p-Xylene
Concen: 1.171 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion:106 Resp: 20009
Ion Ratio Lower Upper
106 100
91 211.3 139.9 259.7

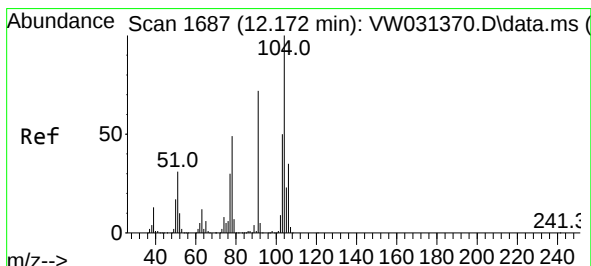
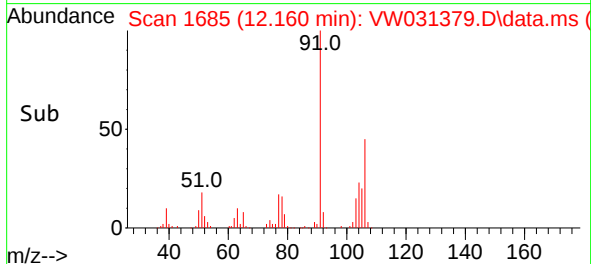
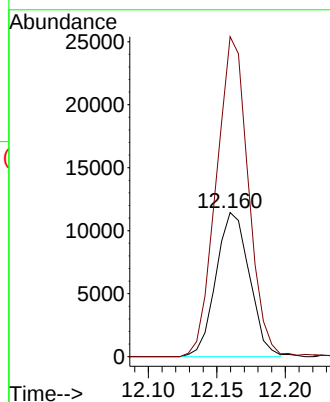
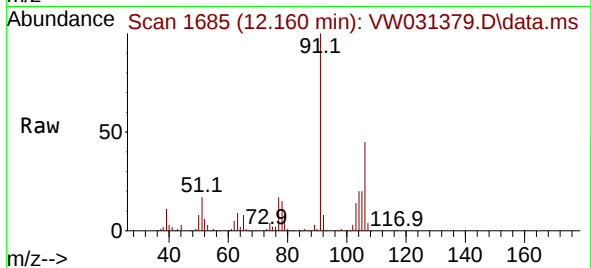




#54
o-Xylene
Concen: 1.207 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

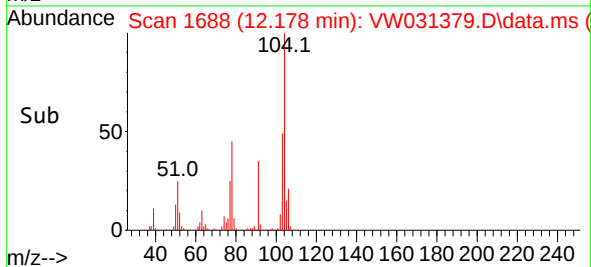
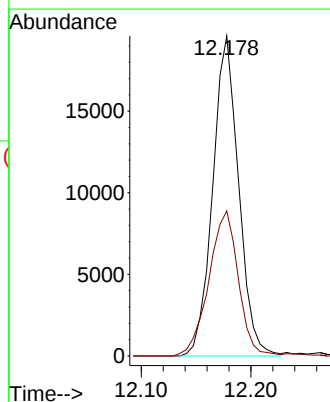
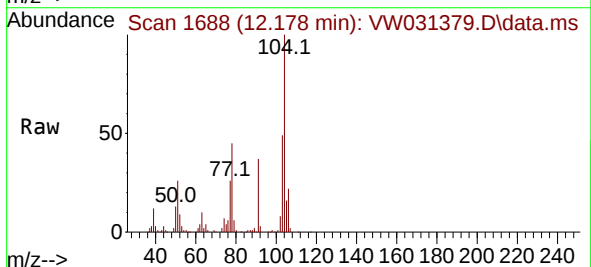
Instrument :
MSVOA_W
ClientSampleId :

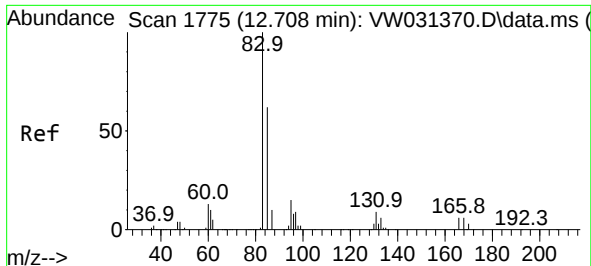
Tgt Ion:106 Resp: 19427
Ion Ratio Lower Upper
106 100
91 221.9 153.1 284.3



#55
Styrene
Concen: 1.202 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion:104 Resp: 32197
Ion Ratio Lower Upper
104 100
78 45.4 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 1.519 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031379.D

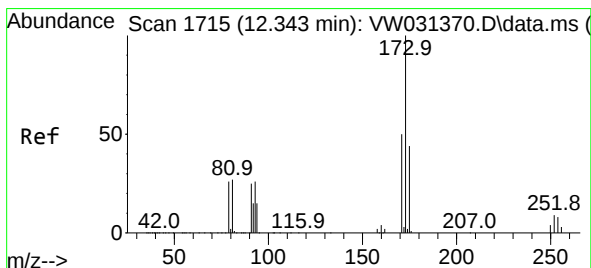
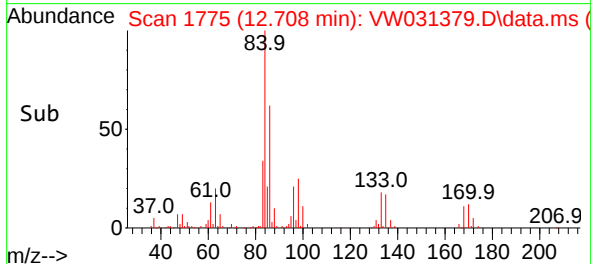
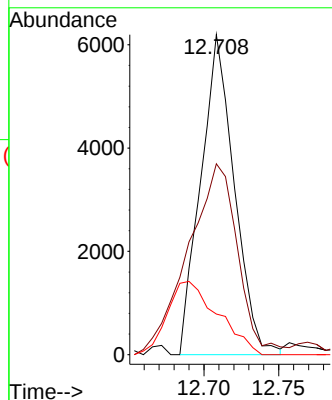
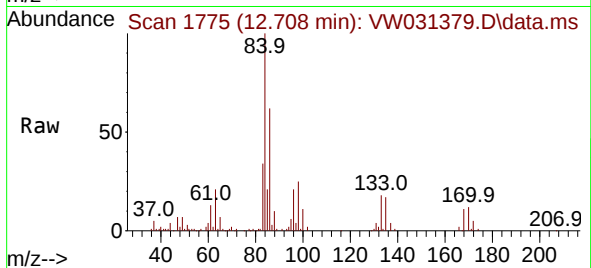
Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	9659
Ion	Ratio	Lower	Upper
83	100		
85	59.7	44.1	81.9
131	12.7	7.9	11.9#



#59

Bromoform

Concen: 1.022 ug/L

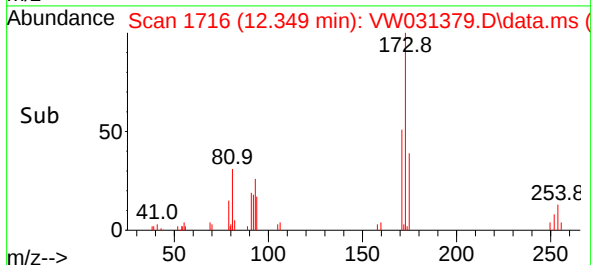
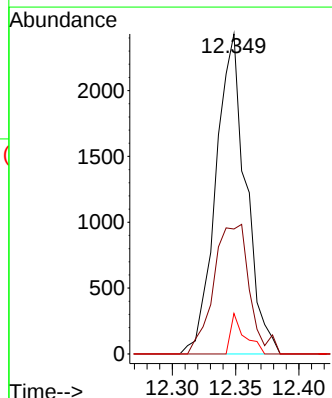
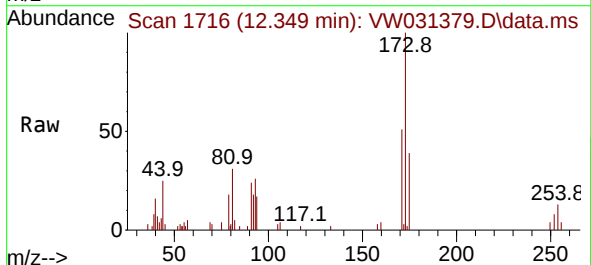
RT: 12.349 min Scan# 1716

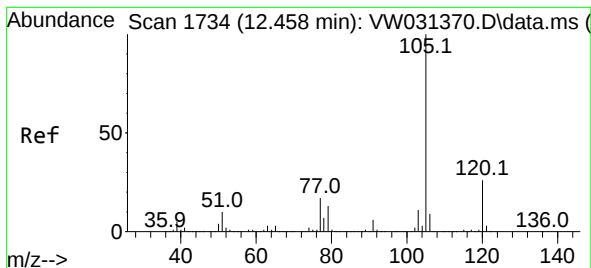
Delta R.T. 0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Tgt Ion:	173	Resp:	4003
Ion	Ratio	Lower	Upper
173	100		
175	46.9	38.6	57.8
254	5.9	7.6	11.4#





#60

Isopropylbenzene

Concen: 1.133 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031379.D

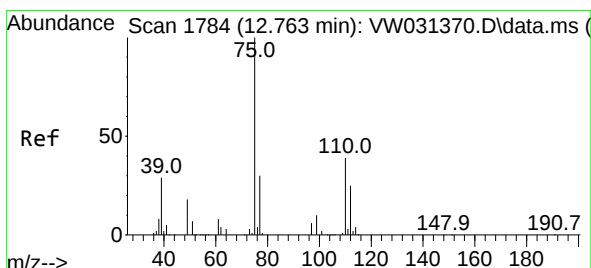
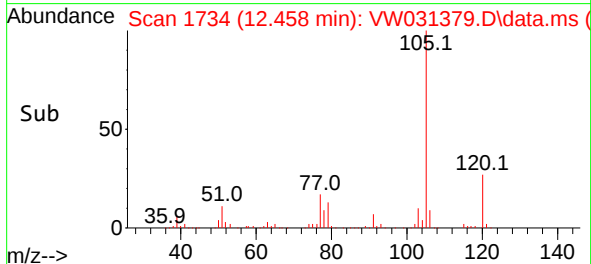
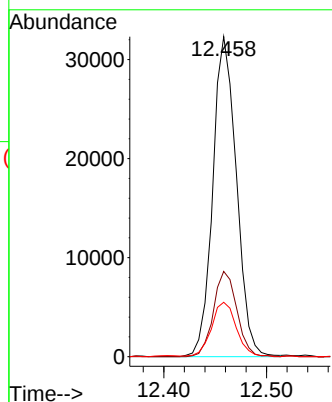
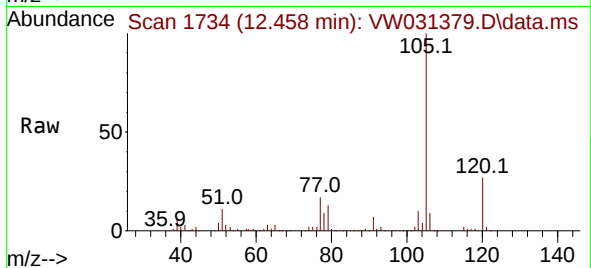
Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	51682
Ion Ratio	Lower	Upper	
105	100		
120	26.4	20.6	31.0
77	17.9	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 1.487 ug/L

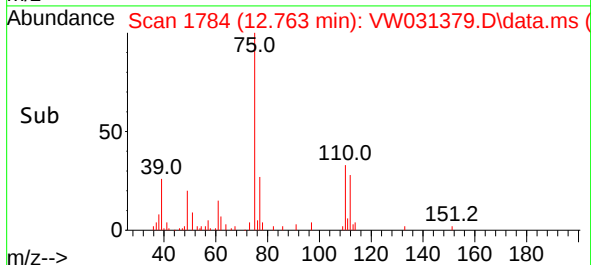
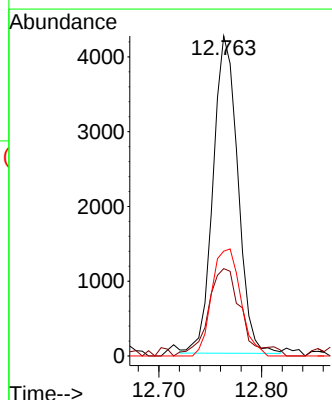
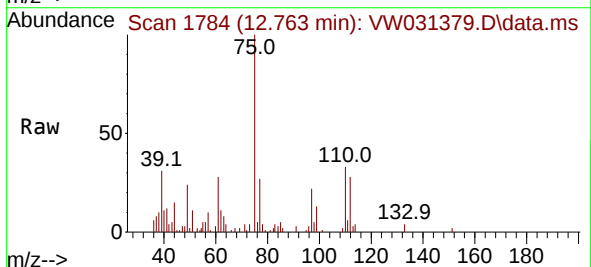
RT: 12.763 min Scan# 1784

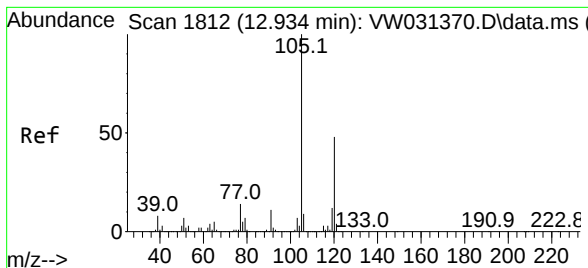
Delta R.T. -0.000 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Tgt Ion:	75	Resp:	7094
Ion Ratio	Lower	Upper	
75	100		
77	35.2	25.3	37.9
110	39.3	31.2	46.8





#62

1,3,5-Trimethylbenzene

Concen: 1.109 ug/L

RT: 12.940 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

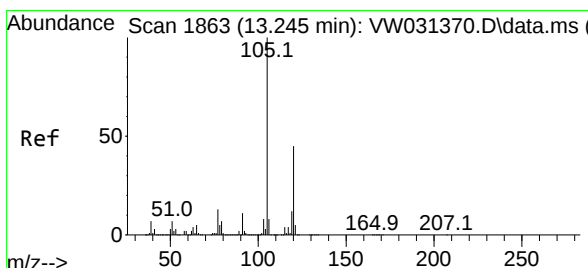
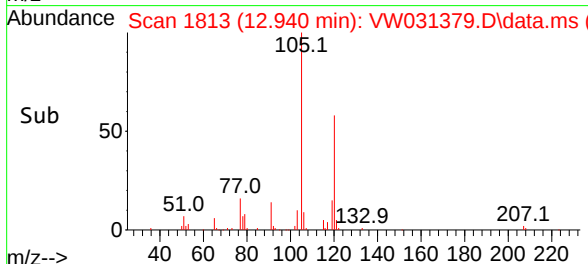
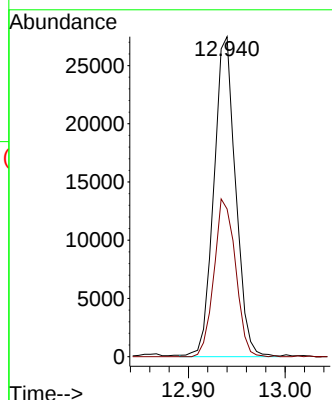
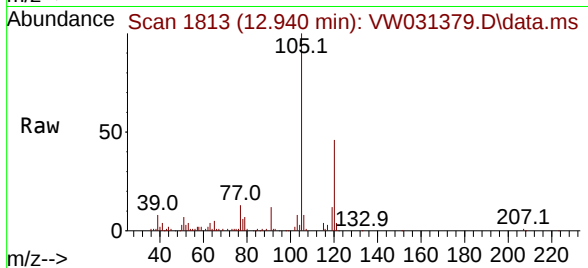
ClientSampleId :

Tgt Ion:105 Resp: 42896

Ion Ratio Lower Upper

105 100

120 48.7 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 1.116 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031379.D

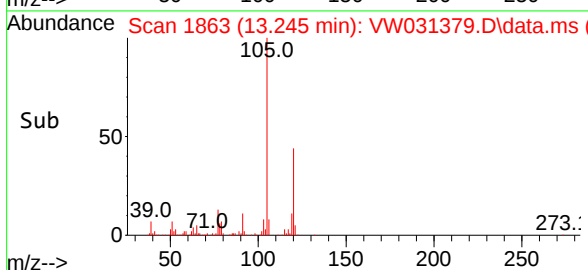
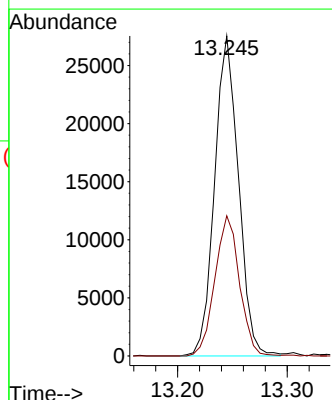
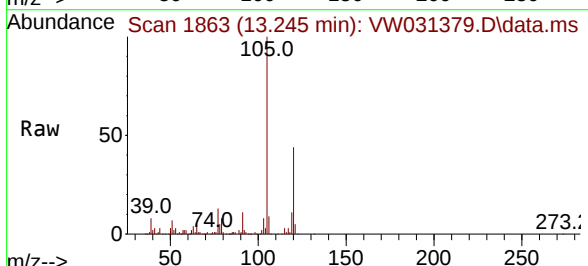
Acq: 19 Dec 2024 12:56

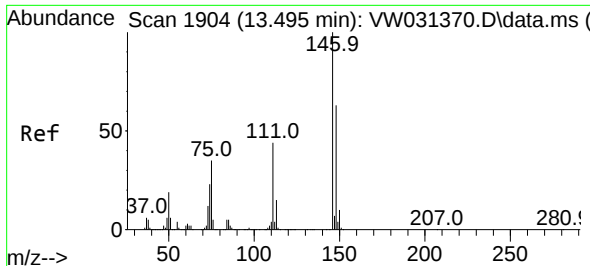
Tgt Ion:105 Resp: 41707

Ion Ratio Lower Upper

105 100

120 45.0 35.0 52.4

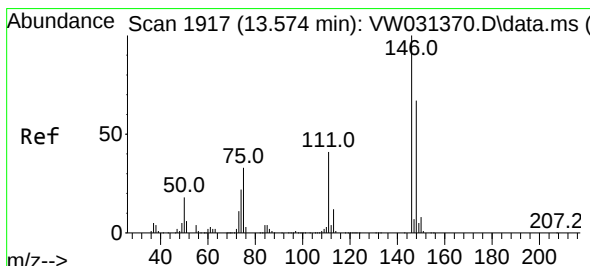
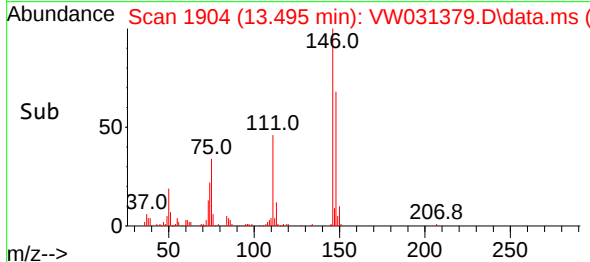
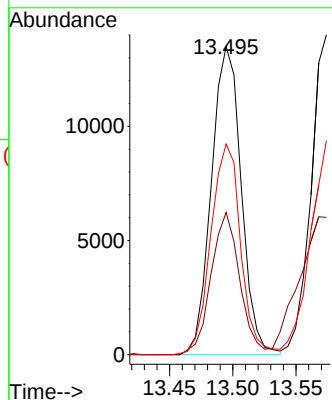
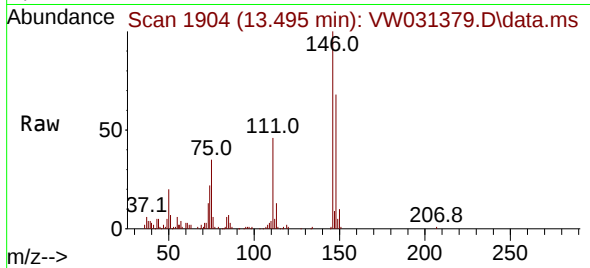




#64
1,3-Dichlorobenzene
Concen: 1.196 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

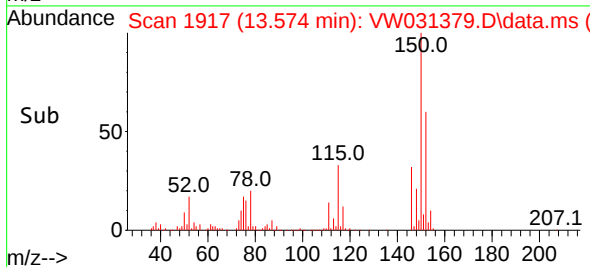
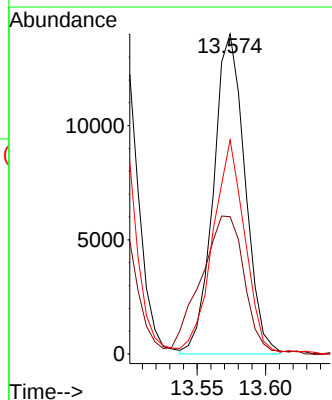
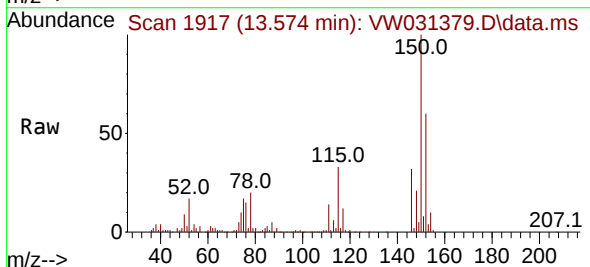
Instrument :
MSVOA_W
ClientSampleId :

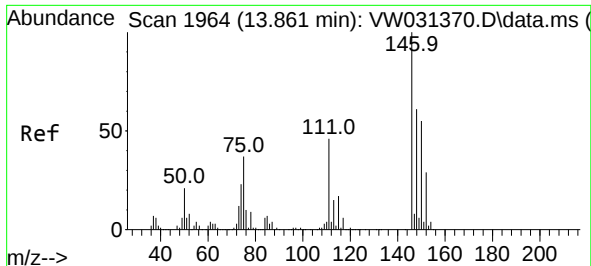
Tgt Ion:146 Resp: 22109
Ion Ratio Lower Upper
146 100
111 46.2 27.6 51.2
148 68.4 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 1.224 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion:146 Resp: 22421
Ion Ratio Lower Upper
146 100
111 42.9 30.7 56.9
148 66.9 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 1.310 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

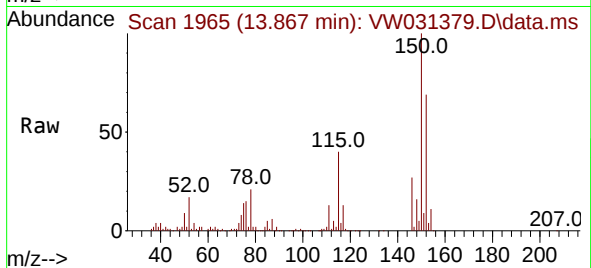
Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

ClientSampleId :



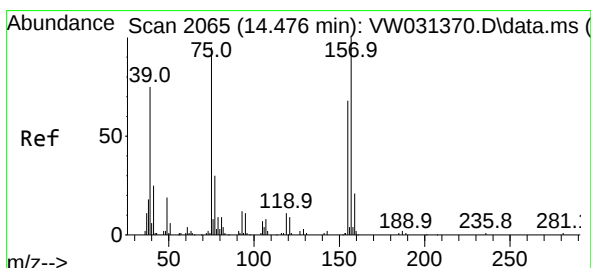
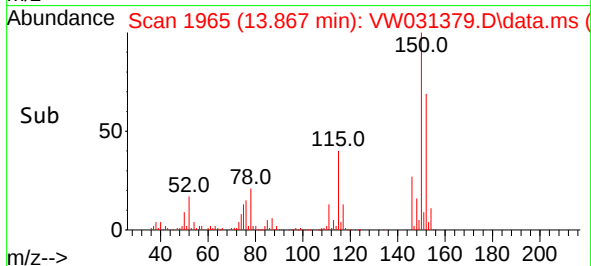
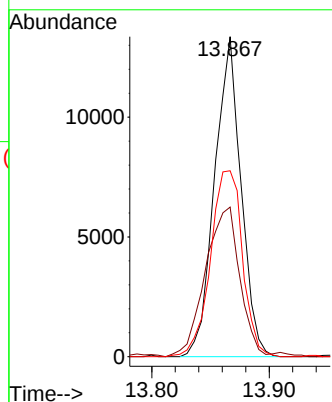
Tgt Ion:146 Resp: 20859

Ion Ratio Lower Upper

146 100

111 46.8 38.6 58.0

148 58.1 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.439 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

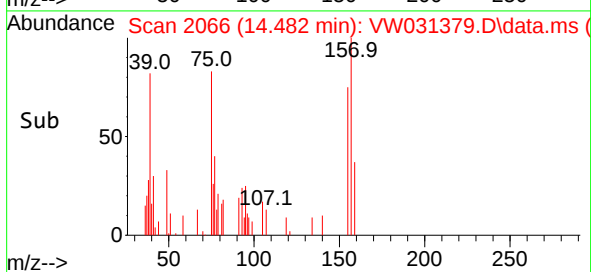
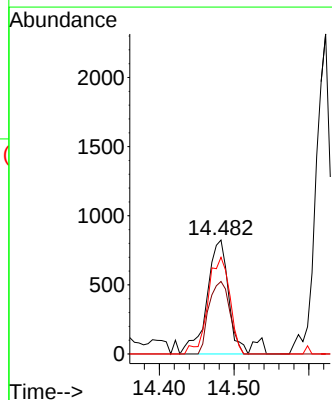
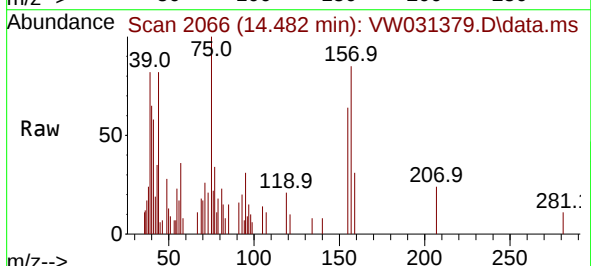
Tgt Ion: 75 Resp: 1742

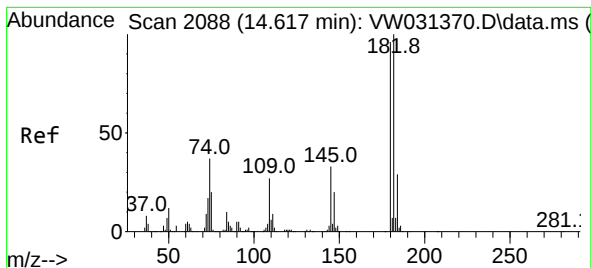
Ion Ratio Lower Upper

75 100

155 63.6 56.6 85.0

157 84.8 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 1.215 ug/L

RT: 14.623 min Scan# 2088

Delta R.T. 0.006 min

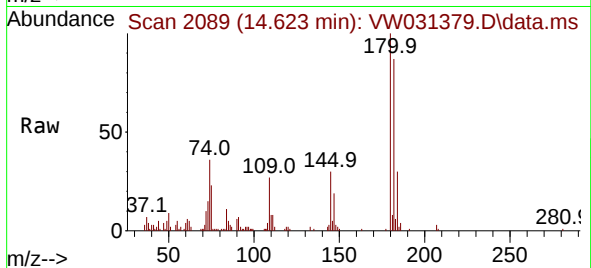
Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 15728

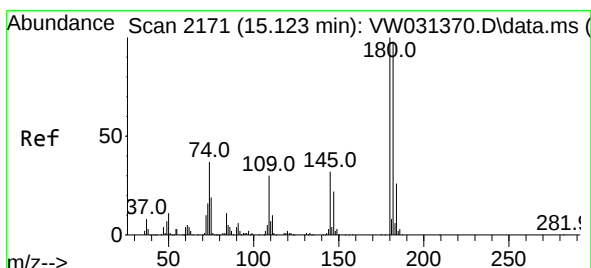
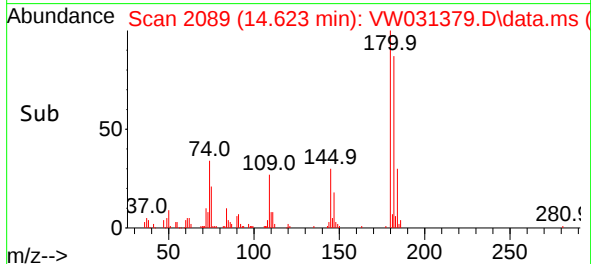
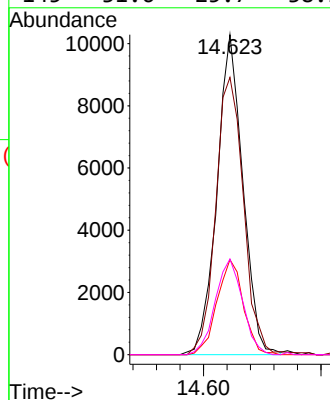
Ion Ratio Lower Upper

180 100

182 92.5 75.0 112.4

184 30.2 24.6 36.8

145 31.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 1.201 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031379.D

Acq: 19 Dec 2024 12:56

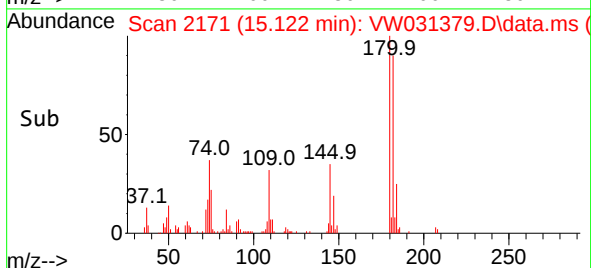
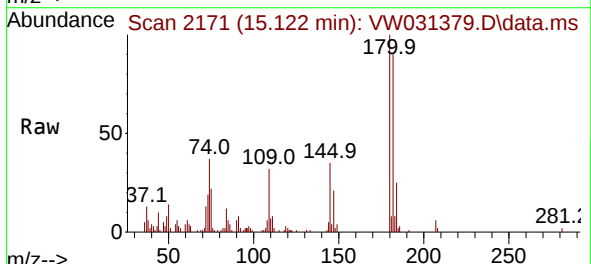
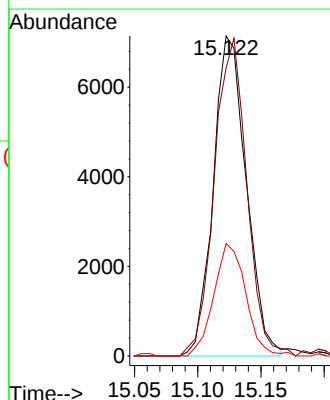
Tgt Ion:180 Resp: 12935

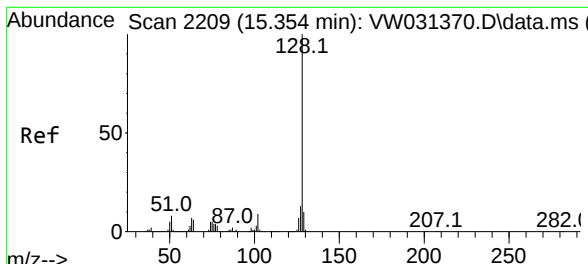
Ion Ratio Lower Upper

180 100

182 97.7 78.2 117.2

145 33.9 26.7 40.1

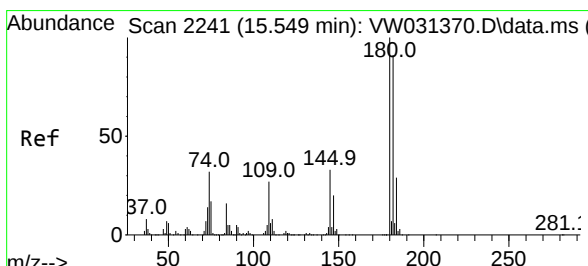
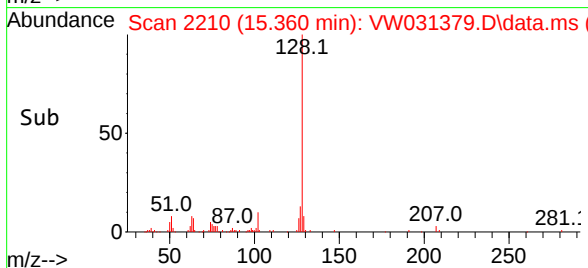
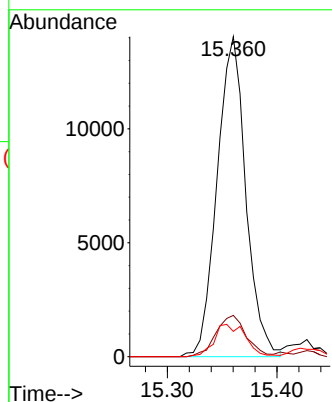
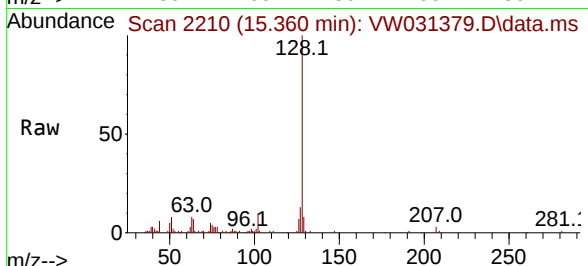




#71
Naphthalene
Concen: 1.357 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128	Resp:	25615
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.7 16.1
129	11.2	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.373 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031379.D
Acq: 19 Dec 2024 12:56

Tgt Ion:180	Resp:	11914
Ion Ratio	Lower	Upper
180	100	
182	91.1	75.0 112.4
145	35.1	27.8 41.6

