

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031524.D
 Acq On : 26 Dec 2024 13:17
 Operator : SY/MD
 Sample : MDL4
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	505870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	440941	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	213229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	162015	21.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
7) Chloroethane-d5	2.899	69	136743	24.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.160%
11) 1,1-Dichloroethene-d2	4.015	65	71445	19.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.160%
21) 2-Butanone-d5	7.100	46	76700	53.509	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.020%
24) Chloroform-d	7.648	84	321948	23.228	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.307	65	176313	25.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.320%
32) Benzene-d6	8.276	84	634294	22.443	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.760%
36) 1,2-Dichloropropane-d6	9.270	67	196518	23.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	10.319	98	578723	22.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.040%
43) trans-1,3-Dichloroprop...	10.575	79	74848	19.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.840%
47) 2-Hexanone-d5	10.922	63	59117	53.369	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	147301	28.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.920%
66) 1,2-Dichlorobenzene-d4	13.849	152	199951	25.259	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	2543	0.556	ug/L #	82
6) Bromomethane	2.790	94	5207	1.190	ug/L	93
8) Chloroethane	2.930	64	2613	0.617	ug/L	90
9) Trichlorofluoromethane	3.265	101	8415	1.110	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	3313	0.541	ug/L #	28
12) 1,1-Dichloroethene	4.039	96	8440	1.361	ug/L #	1
14) Carbon disulfide	4.387	76	16948	0.838	ug/L #	95
15) Methyl Acetate	4.698	43	1362	0.601	ug/L #	67
17) trans-1,2-Dichloroethene	5.435	96	6978	1.044	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	11859	1.061	ug/L #	68
19) 1,1-Dichloroethane	6.228	63	12952	1.037	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	8021	1.109	ug/L	93
23) Bromochloromethane	7.514	128	3048	1.057	ug/L	93
25) Chloroform	7.673	83	19673	1.596	ug/L	100
27) 1,2-Dichloroethane	8.404	62	8900	1.148	ug/L	97
29) Cyclohexane	7.953	56	12241	1.024	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	11514	1.010	ug/L	97
31) Carbon tetrachloride	8.069	117	9682	0.954	ug/L	98
33) Benzene	8.325	78	30597	1.123	ug/L	100

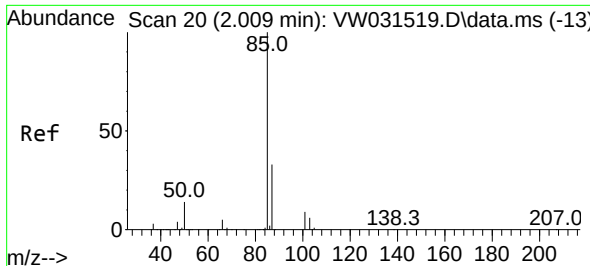
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
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Quant Time: Dec 27 00:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.093	95	8313	1.081	ug/L	85
35) Methylcyclohexane	9.337	83	13299	0.993	ug/L	99
37) 1,2-Dichloropropane	9.368	63	7352	1.082	ug/L #	95
38) Bromodichloromethane	9.642	83	8292	0.938	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	10413	0.907	ug/L	94
40) 4-Methyl-2-pentanone	10.215	43	8604	2.386	ug/L	100
42) Toluene	10.386	91	30481	1.027	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	11974	1.277	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	5107	1.129	ug/L	91
46) Tetrachloroethene	10.867	164	6337	1.125	ug/L #	69
48) 2-Hexanone	10.971	43	4229	1.379	ug/L #	80
49) Dibromochloromethane	11.123	129	5162	0.963	ug/L	97
50) 1,2-Dibromoethane	11.239	107	4622	1.079	ug/L #	98
51) Chlorobenzene	11.654	112	19959	1.073	ug/L	95
52) Ethylbenzene	11.727	91	36452	1.060	ug/L	95
53) m,p-Xylene	11.837	106	13764	1.052	ug/L	95
54) o-Xylene	12.160	106	12507	1.014	ug/L	97
55) Styrene	12.178	104	19543	0.952	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	6552	1.344	ug/L #	75
59) Bromoform	12.349	173	2642	0.882	ug/L #	95
60) Isopropylbenzene	12.459	105	34149	0.979	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	4224	1.158	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	28581	0.966	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	26614	0.931	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	14942	1.057	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	15630	1.116	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	13817	1.134	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	1014	1.095	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	10820	1.093	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	9217	1.119	ug/L	95
71) Naphthalene	15.360	128	14549	1.008	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	7725	1.164	ug/L	96

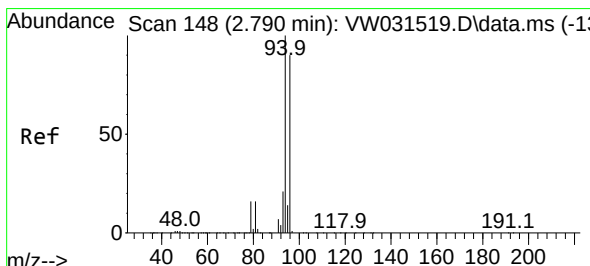
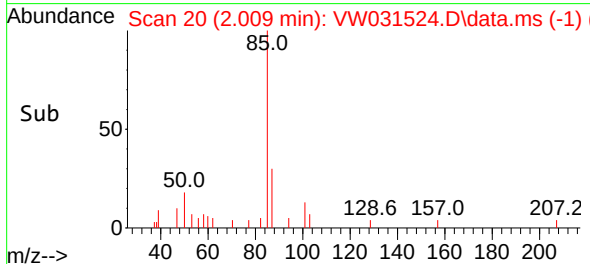
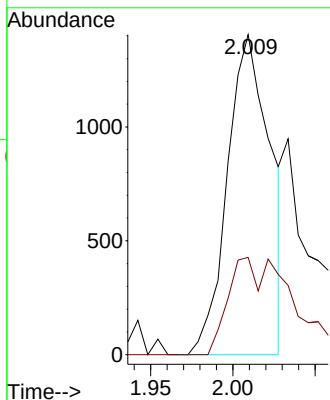
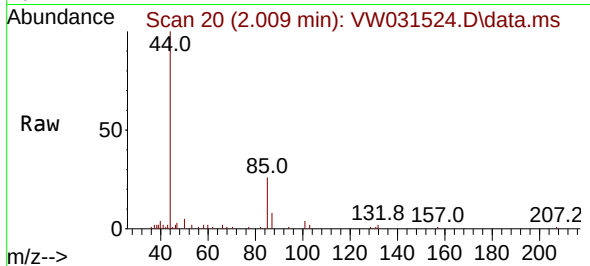
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.556 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

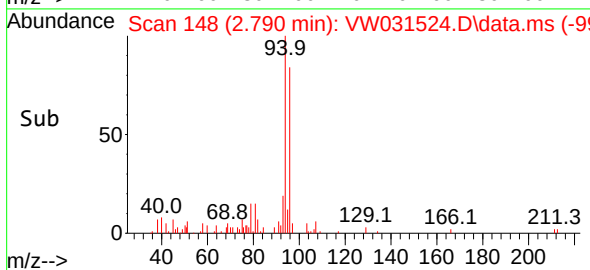
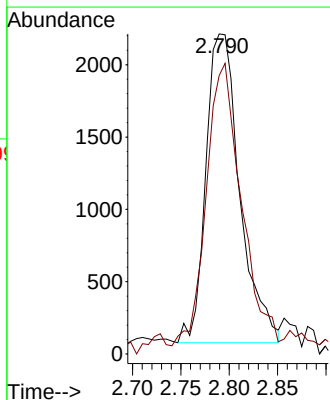
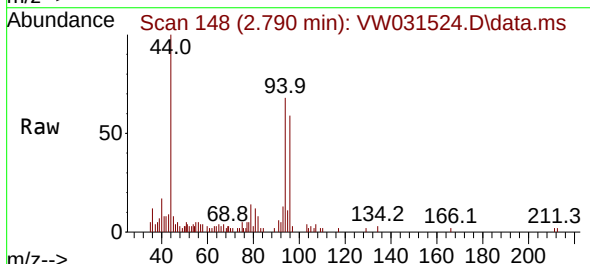
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MSVOA_W
ClientSampleId :

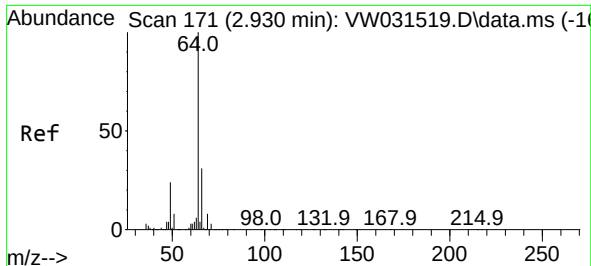
Tgt Ion: 85 Resp: 2543
Ion Ratio Lower Upper
85 100
87 21.3 24.9 37.3#



#6
Bromomethane
Concen: 1.190 ug/L
RT: 2.790 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 94 Resp: 5207
Ion Ratio Lower Upper
94 100
96 87.0 65.6 121.8

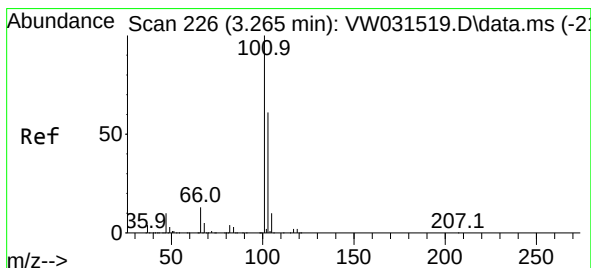
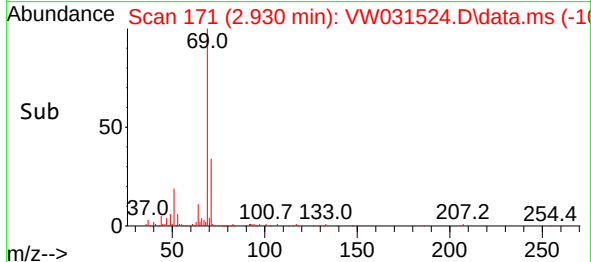
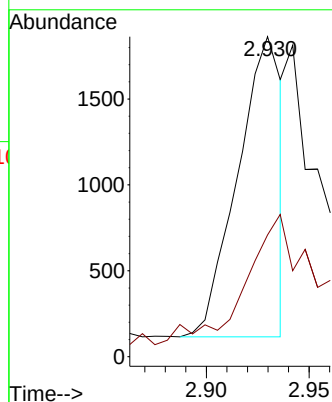
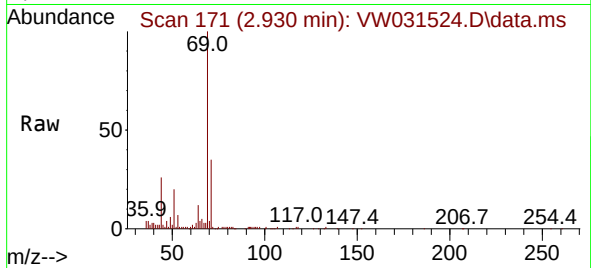




#8
Chloroethane
Concen: 0.617 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

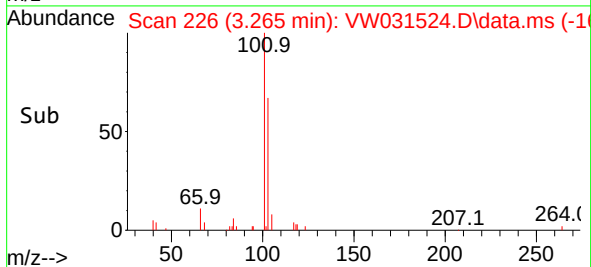
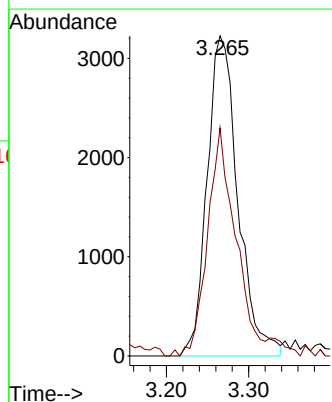
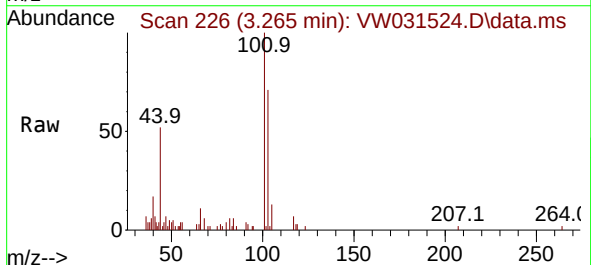
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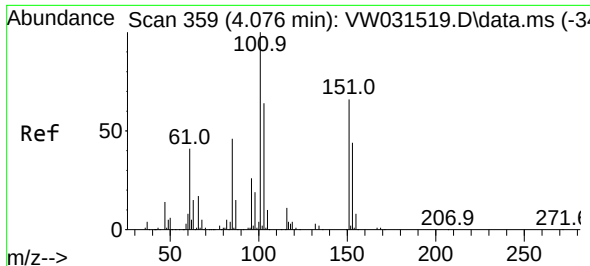
Tgt Ion: 64 Resp: 2613
Ion Ratio Lower Upper
64 100
66 38.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 1.110 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

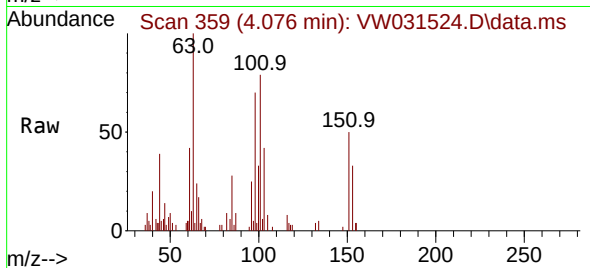
Tgt Ion: 101 Resp: 8415
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4



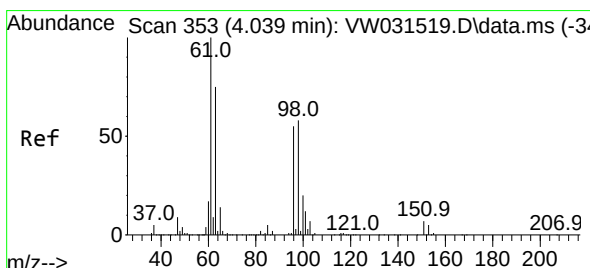
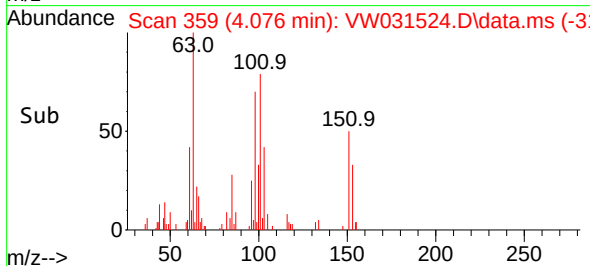
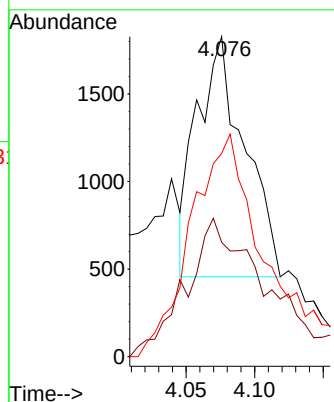


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.541 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW031524.D
 Acq: 26 Dec 2024 13:17

Instrument :
 MSVOA_W
 ClientSampled :

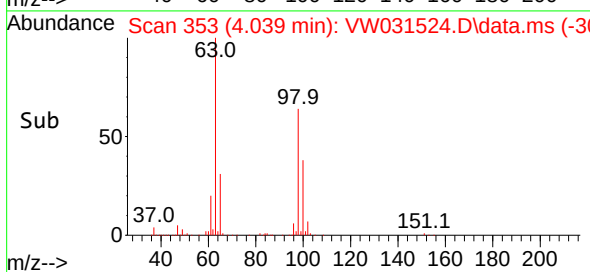
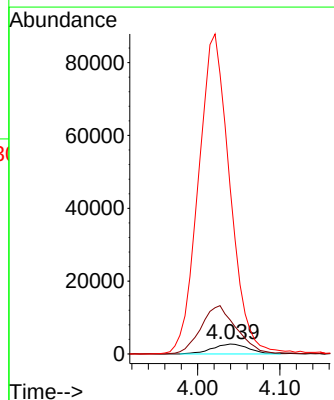
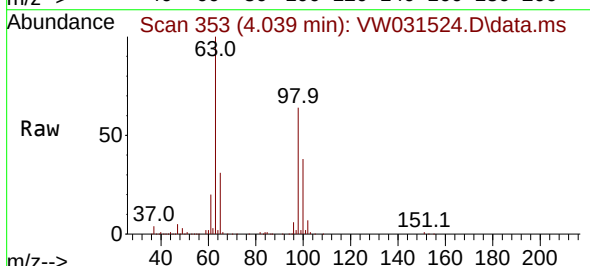


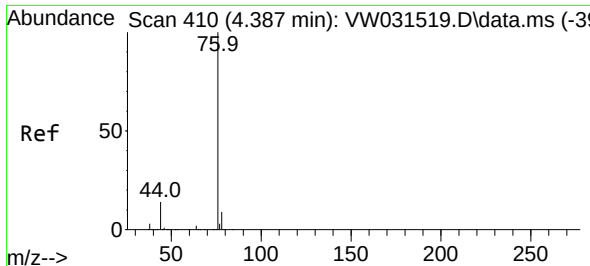
Tgt Ion:	101	Resp:	3313
Ion	Ratio	Lower	Upper
101	100		
85	16.7	33.0	49.4#
151	143.2	54.8	82.2#



#12
 1,1-Dichloroethene
 Concen: 1.361 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW031524.D
 Acq: 26 Dec 2024 13:17

Tgt Ion:	96	Resp:	8440
Ion	Ratio	Lower	Upper
96	100		
61	343.9	125.3	232.7#
63	1680.7	104.6	194.2#

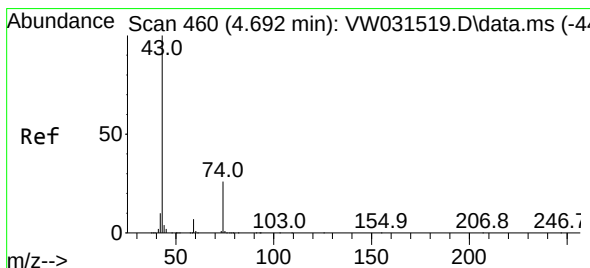
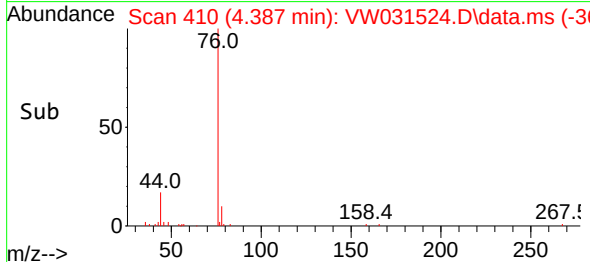
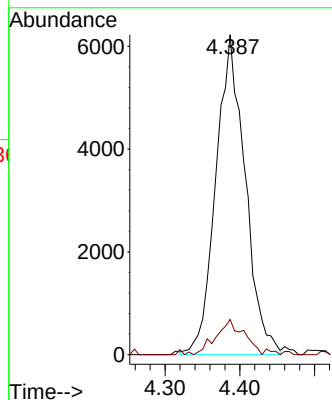
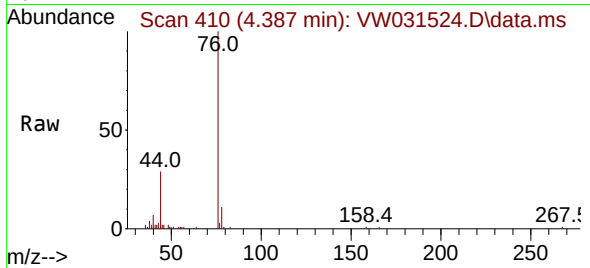




#14
Carbon disulfide
Concen: 0.838 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

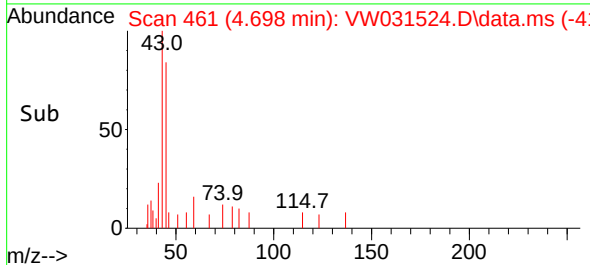
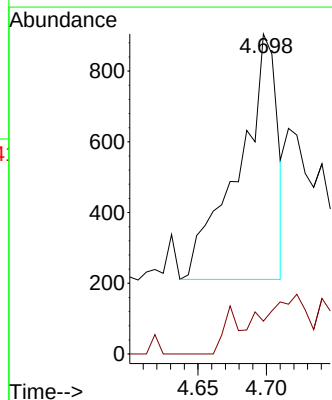
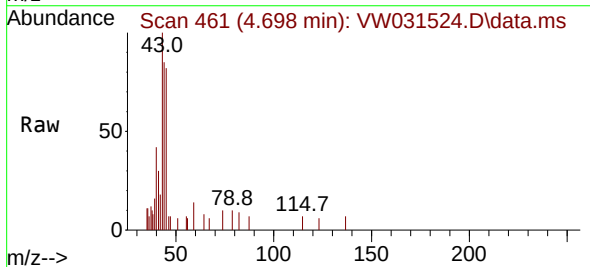
Instrument :
MSVOA_W
ClientSampleId :

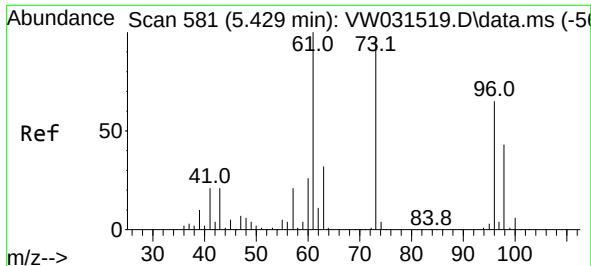
Tgt Ion: 76 Resp: 16948
Ion Ratio Lower Upper
76 100
78 11.0 7.3 10.9#



#15
Methyl Acetate
Concen: 0.601 ug/L
RT: 4.698 min Scan# 461
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 43 Resp: 1362
Ion Ratio Lower Upper
43 100
74 7.5 18.9 28.3#





#17

trans-1,2-Dichloroethene

Concen: 1.044 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

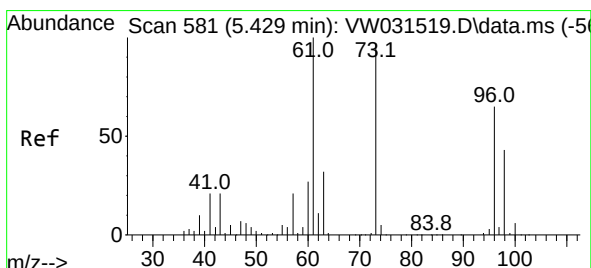
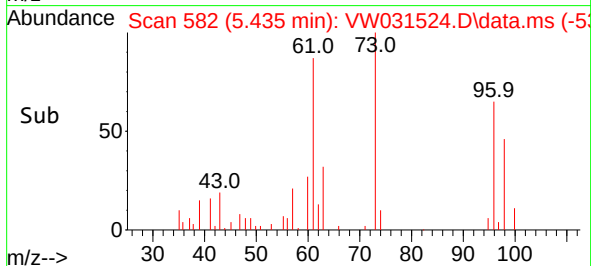
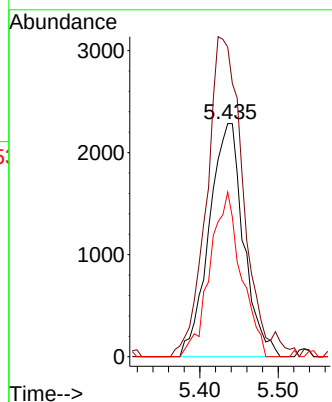
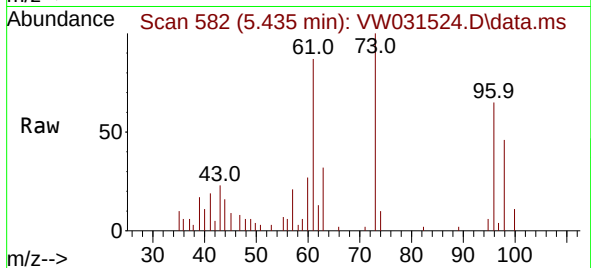
Tgt Ion: 96 Resp: 6978

Ion Ratio Lower Upper

96 100

61 132.8 100.7 187.1

98 70.6 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 1.061 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

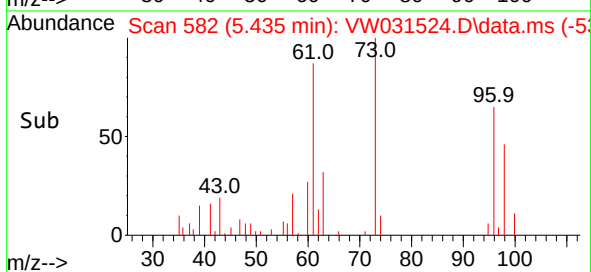
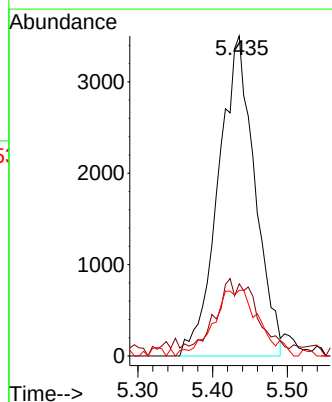
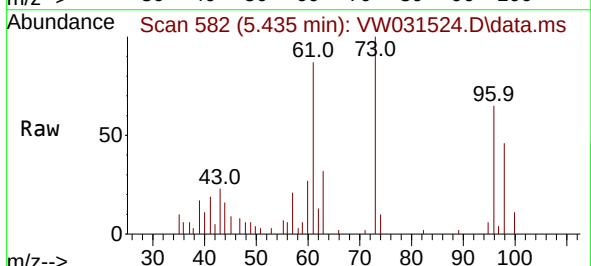
Tgt Ion: 73 Resp: 11859

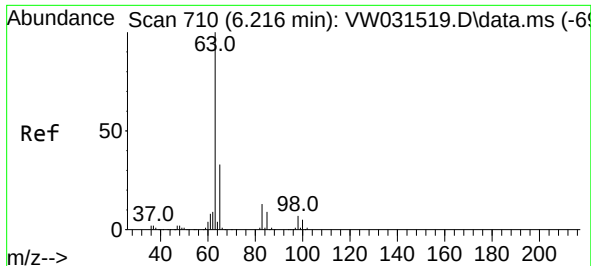
Ion Ratio Lower Upper

73 100

43 3.7 17.9 26.9#

57 10.6 17.9 26.9#

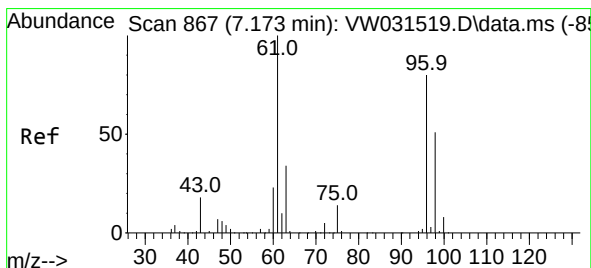
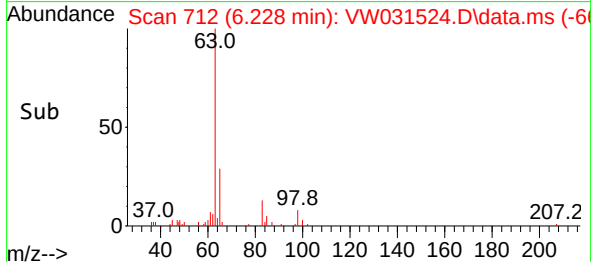
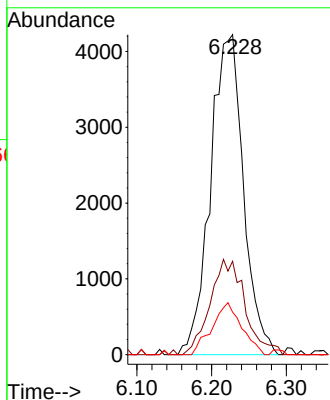
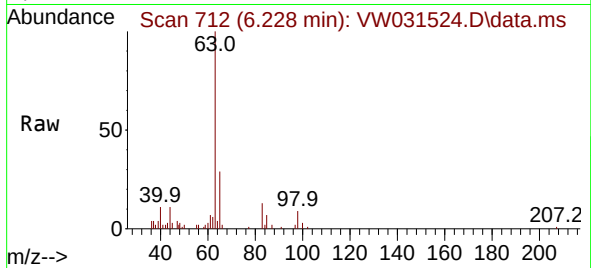




#19
1,1-Dichloroethane
Concen: 1.037 ug/L
RT: 6.228 min Scan# 710
Delta R.T. 0.012 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

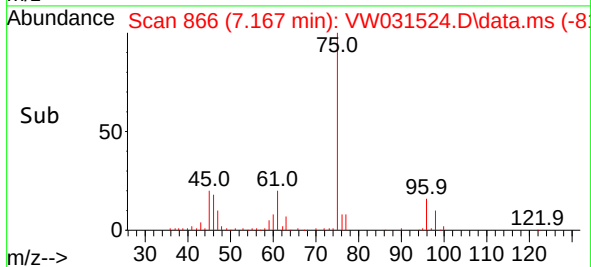
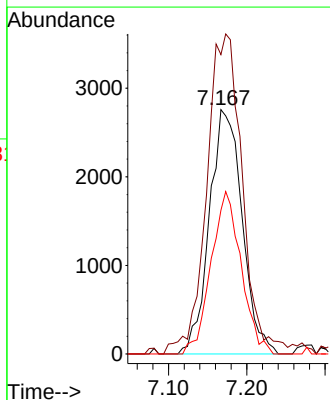
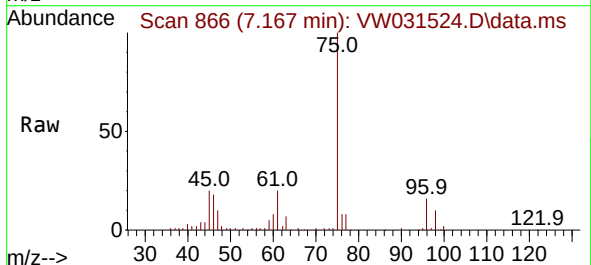
Instrument :
MSVOA_W
ClientSampleId :

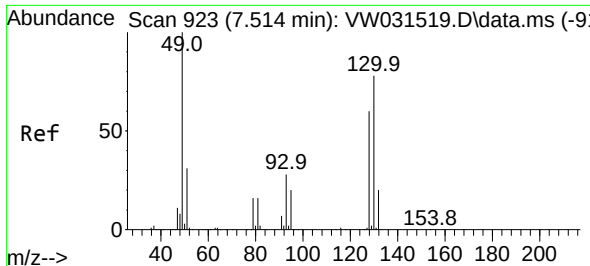
Tgt Ion: 63 Resp: 12952
Ion Ratio Lower Upper
63 100
65 29.2 21.9 40.7
83 13.3 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 1.109 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 96 Resp: 8021
Ion Ratio Lower Upper
96 100
61 122.5 92.2 171.2
98 58.8 43.7 81.1

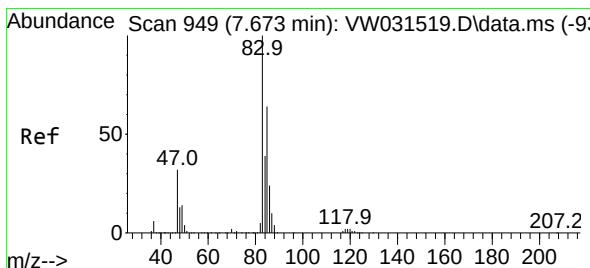
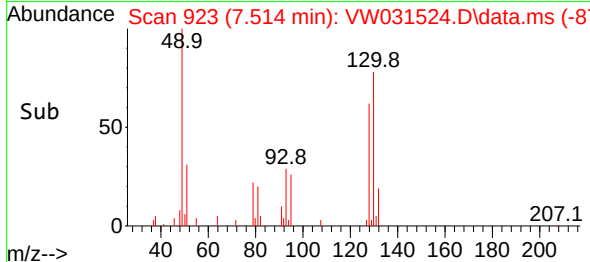
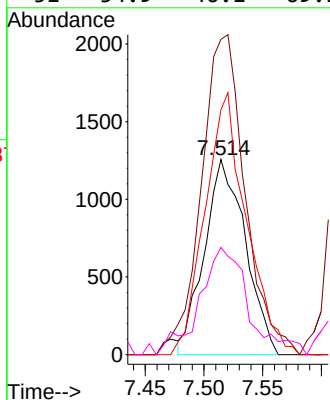
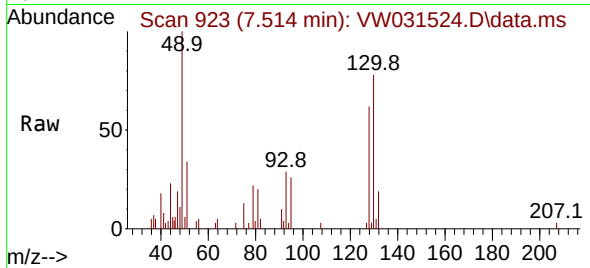




#23
Bromochloromethane
Concen: 1.057 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

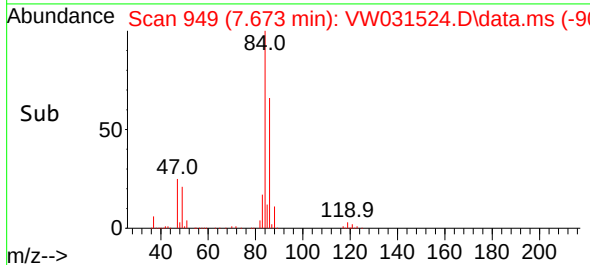
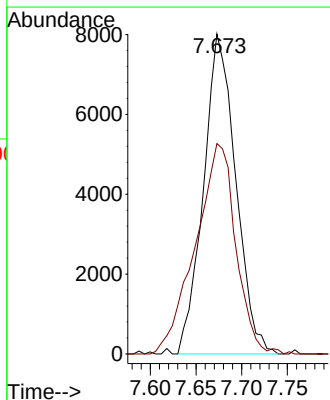
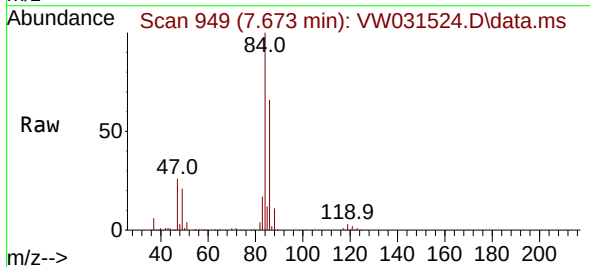
Instrument :
MSVOA_W
ClientSampleId :

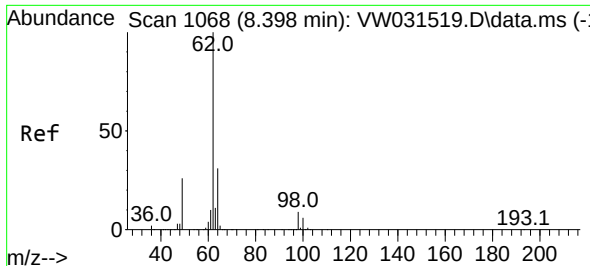
Tgt Ion:128	Resp:	3048
Ion	Ratio	Lower Upper
128	100	
49	161.5	123.7 229.7
130	125.4	90.3 167.7
51	54.9	46.1 69.1



#25
Chloroform
Concen: 1.596 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 83	Resp:	19673
Ion	Ratio	Lower Upper
83	100	
85	65.8	46.1 85.5





#27

1,2-Dichloroethane

Concen: 1.148 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

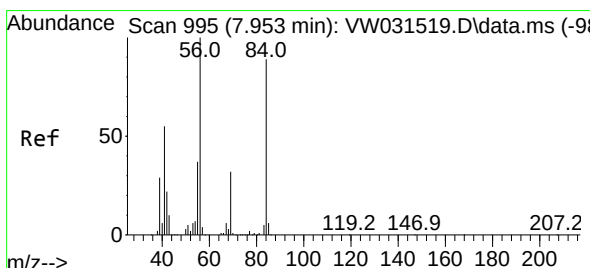
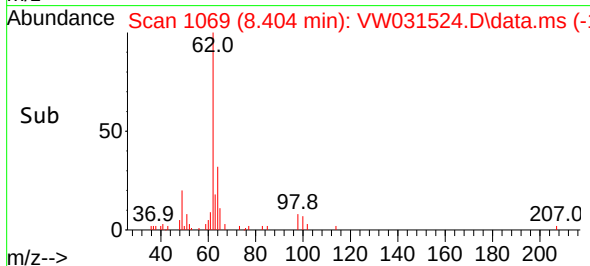
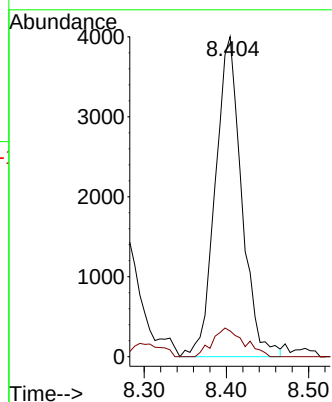
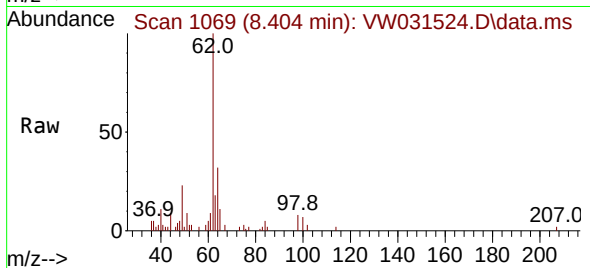
ClientSampleId :

Tgt Ion: 62 Resp: 8900

Ion Ratio Lower Upper

62 100

98 8.0 7.2 10.8



#29

Cyclohexane

Concen: 1.024 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

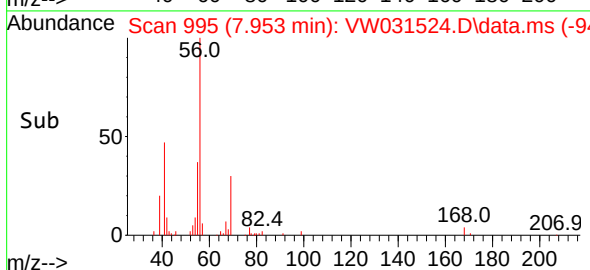
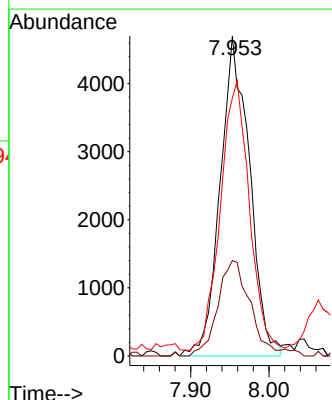
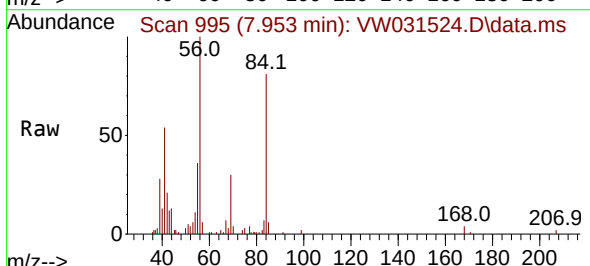
Tgt Ion: 56 Resp: 12241

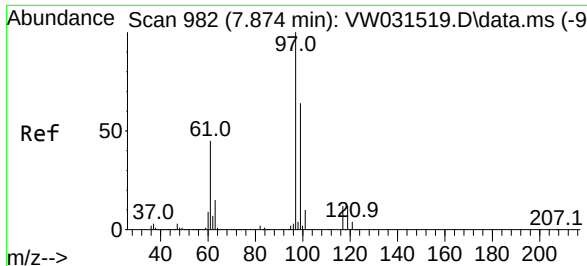
Ion Ratio Lower Upper

56 100

69 32.3 25.0 37.4

84 84.2 68.9 103.3

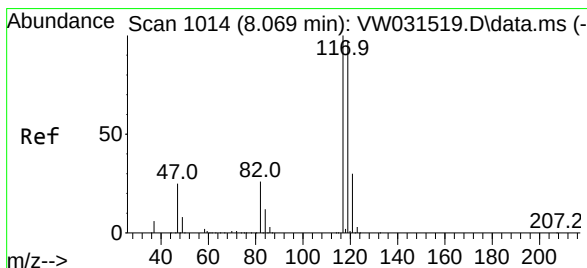
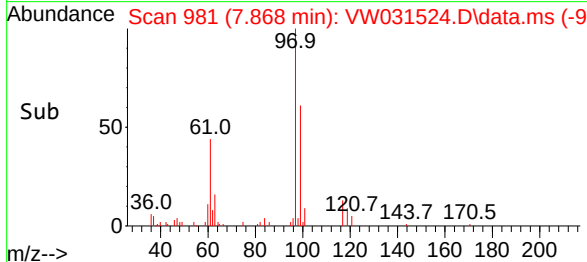
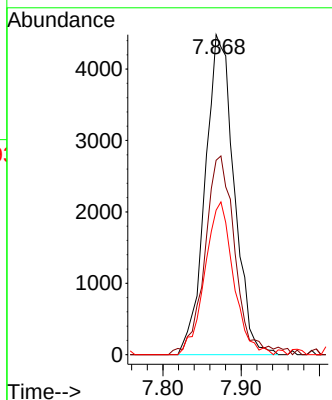
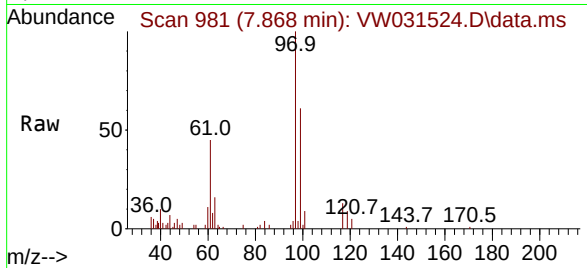




#30
1,1,1-Trichloroethane
Concen: 1.010 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

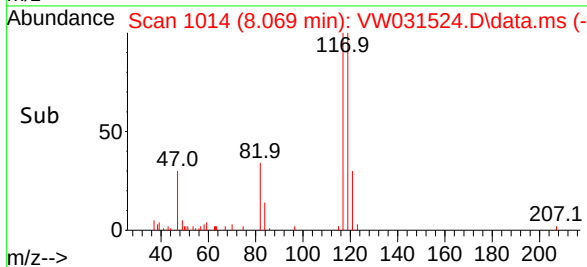
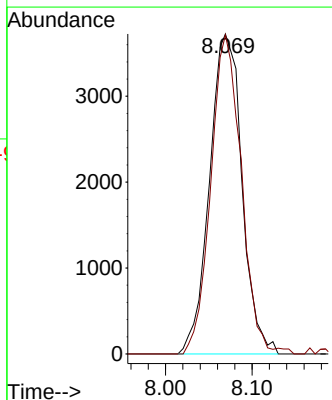
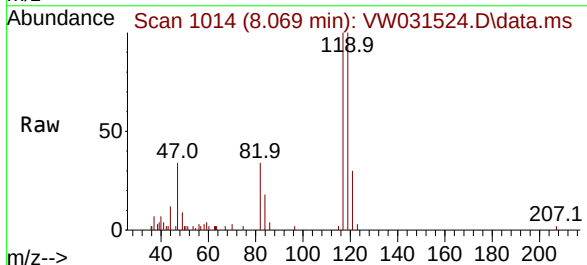
Instrument :
MSVOA_W
ClientSampleId :

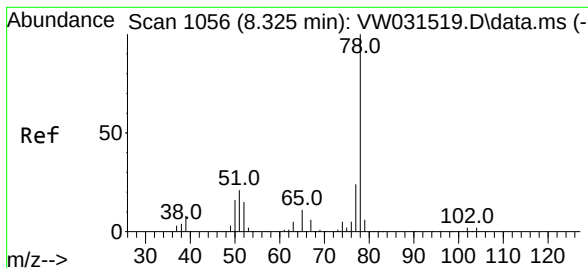
Tgt Ion: 97 Resp: 11514
Ion Ratio Lower Upper
97 100
99 60.9 51.1 76.7
61 46.8 36.3 54.5



#31
Carbon tetrachloride
Concen: 0.954 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 117 Resp: 9682
Ion Ratio Lower Upper
117 100
119 93.2 76.0 114.0





#33

Benzene

Concen: 1.123 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW031524.D

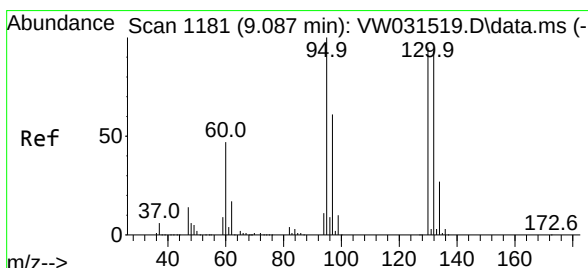
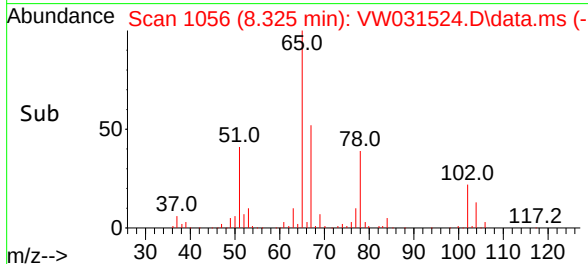
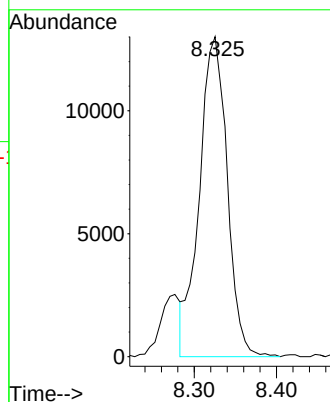
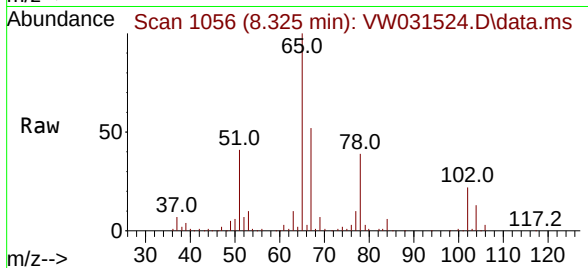
Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 30597



#34

Trichloroethene

Concen: 1.081 ug/L

RT: 9.093 min Scan# 1182

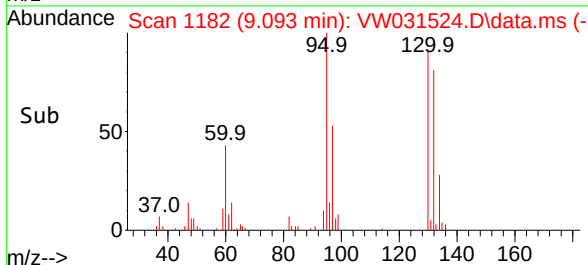
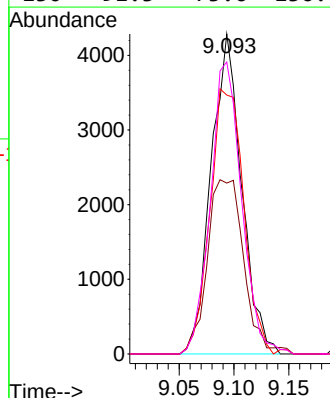
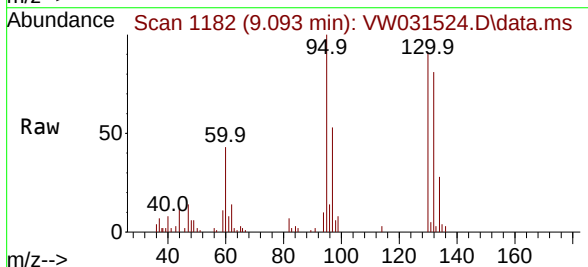
Delta R.T. 0.006 min

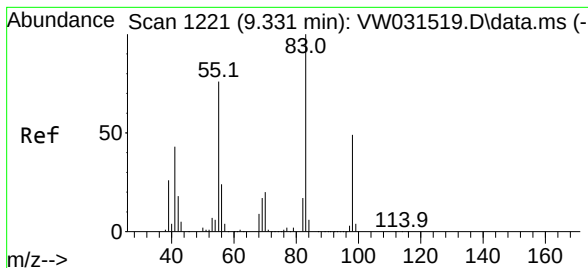
Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Tgt Ion: 95 Resp: 8313

Ion	Ratio	Lower	Upper
95	100		
97	53.4	46.5	86.3
132	84.2	70.3	130.5
130	91.3	73.6	136.8





#35

Methylcyclohexane

Concen: 0.993 ug/L

RT: 9.337 min Scan# 1221

Delta R.T. 0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

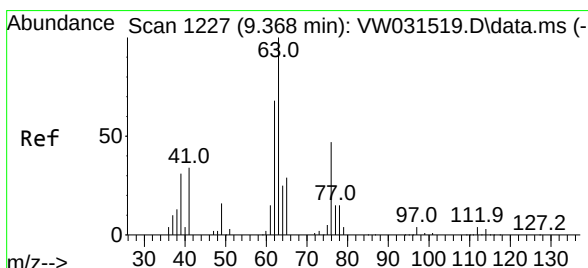
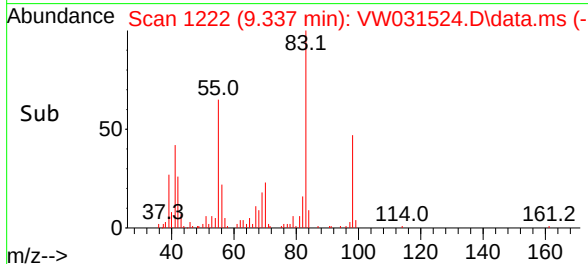
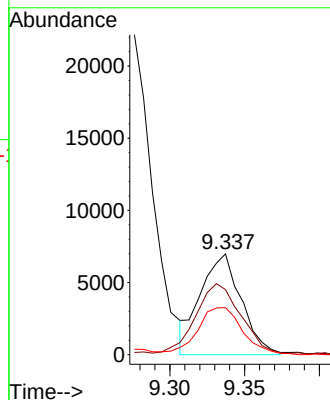
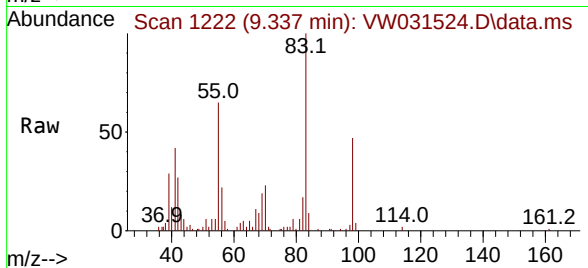
Tgt Ion: 83 Resp: 13299

Ion Ratio Lower Upper

83 100

55 78.6 62.6 93.8

98 51.1 39.8 59.6



#37

1,2-Dichloropropane

Concen: 1.082 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031524.D

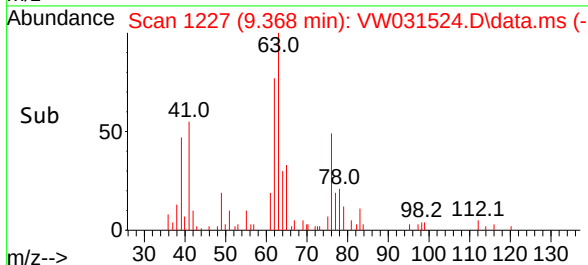
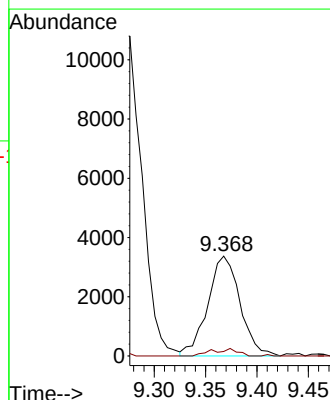
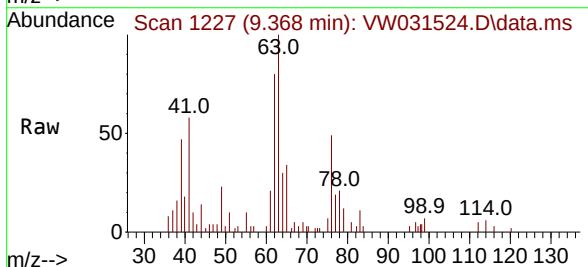
Acq: 26 Dec 2024 13:17

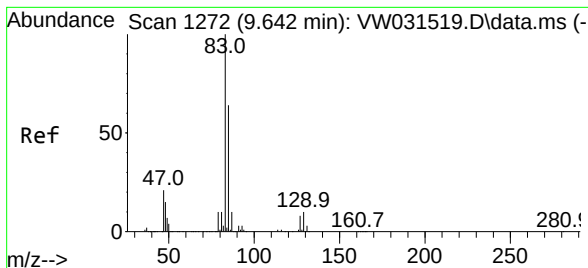
Tgt Ion: 63 Resp: 7352

Ion Ratio Lower Upper

63 100

112 3.3 3.8 5.8#





#38

Bromodichloromethane

Concen: 0.938 ug/L

RT: 9.642 min Scan# 11

Delta R.T. 0.000 min

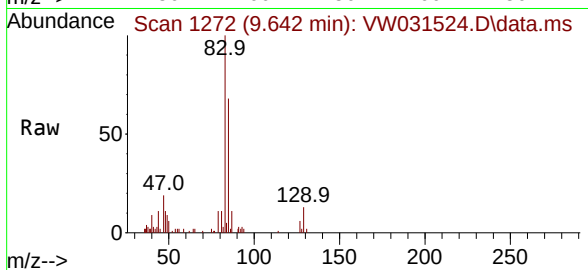
Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :



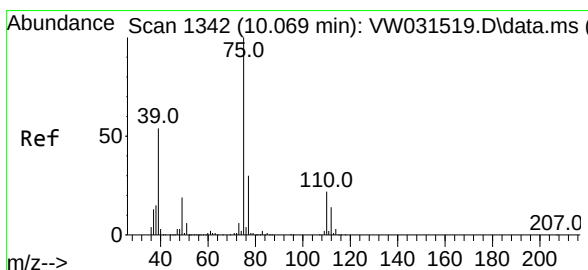
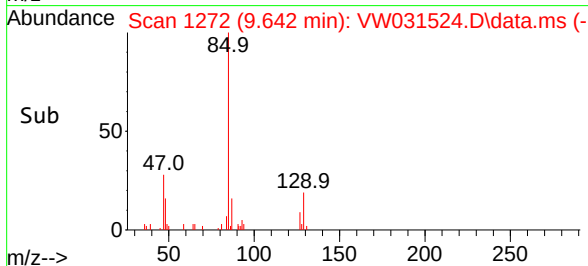
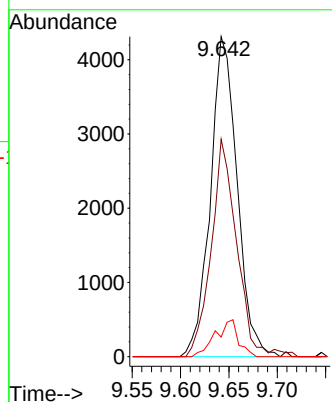
Tgt Ion: 83 Resp: 8292

Ion Ratio Lower Upper

83 100

85 67.9 46.5 86.5

127 6.2 6.2 9.4#



#39

cis-1,3-Dichloropropene

Concen: 0.907 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW031524.D

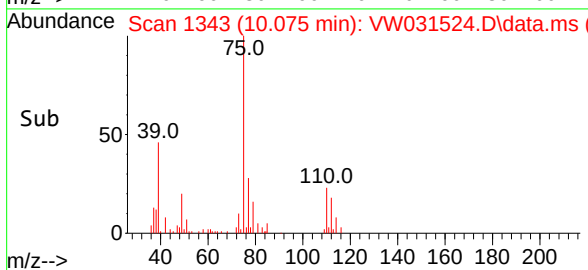
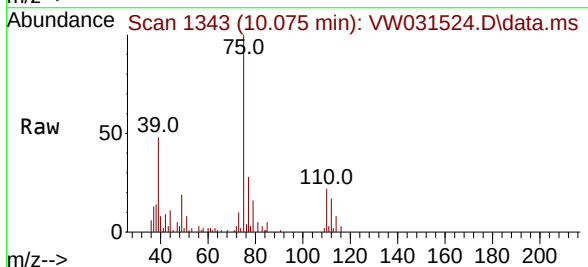
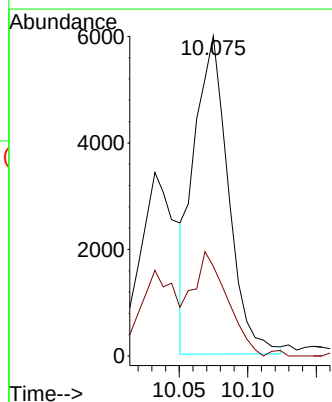
Acq: 26 Dec 2024 13:17

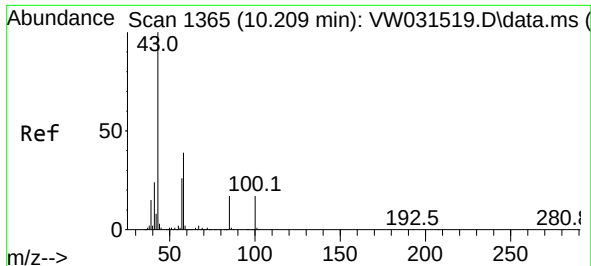
Tgt Ion: 75 Resp: 10413

Ion Ratio Lower Upper

75 100

77 28.0 21.8 40.4

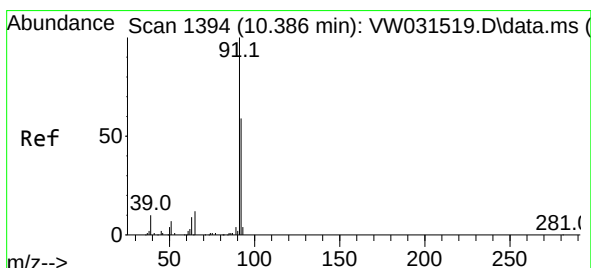
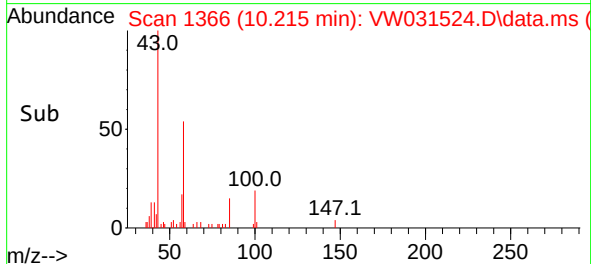
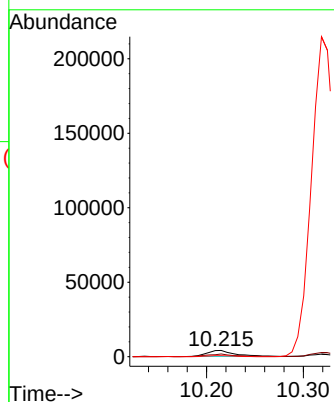
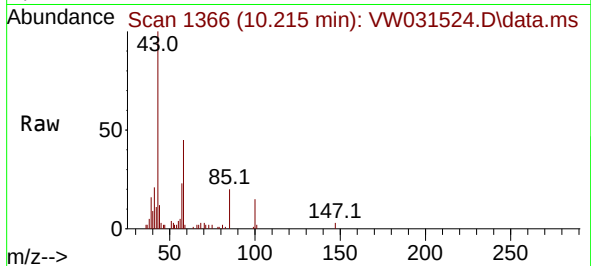




#40
4-Methyl-2-pentanone
Concen: 2.386 ug/L
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

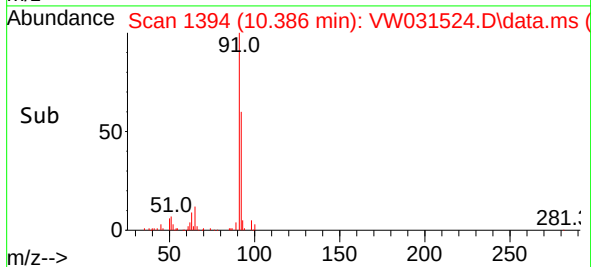
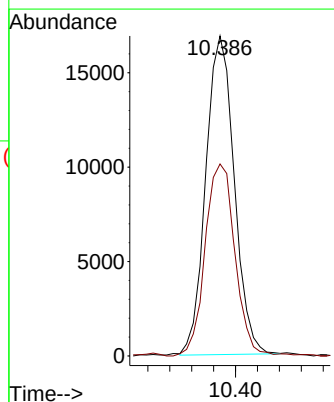
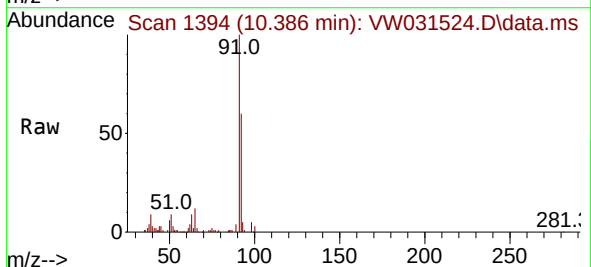
Instrument :
MSVOA_W
ClientSampleId :

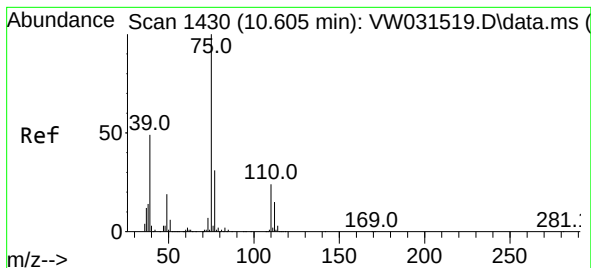
Tgt Ion: 43 Resp: 8604
Ion Ratio Lower Upper
43 100
58 38.8 31.1 46.7
100 15.9 13.0 19.6



#42
Toluene
Concen: 1.027 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 91 Resp: 30481
Ion Ratio Lower Upper
91 100
92 60.0 40.3 74.9

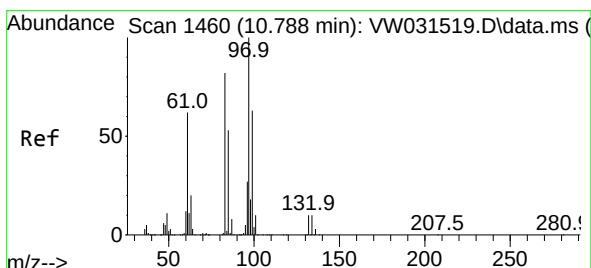
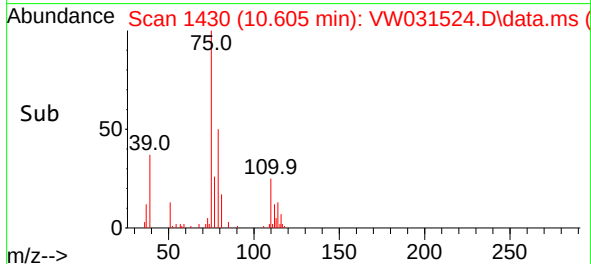
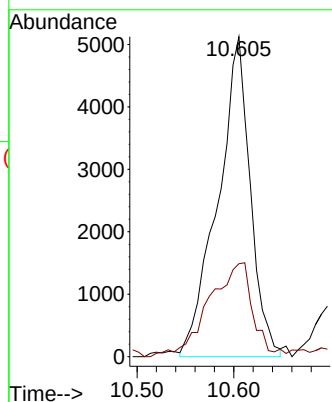
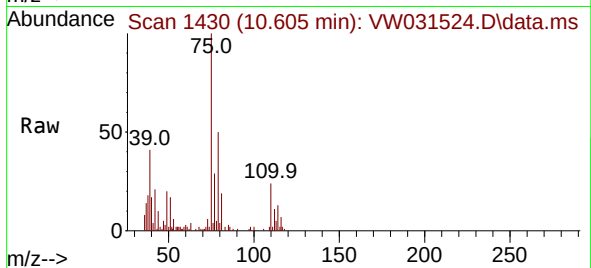




#44
trans-1,3-Dichloropropene
Concen: 1.277 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

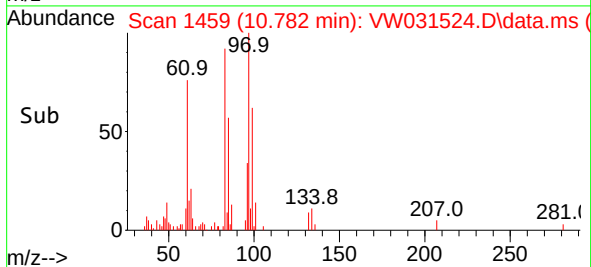
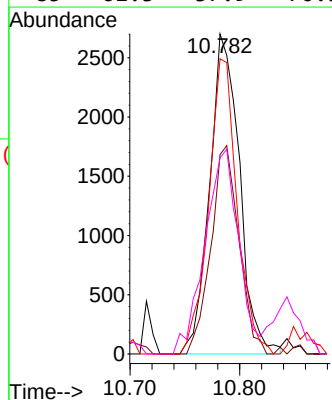
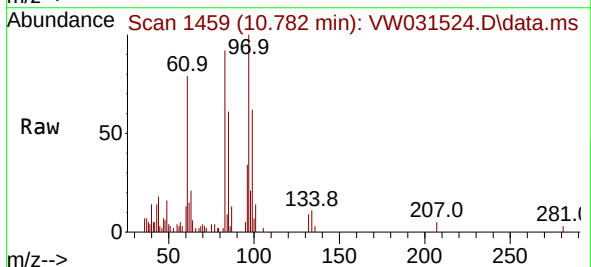
Instrument :
MSVOA_W
ClientSampleId :

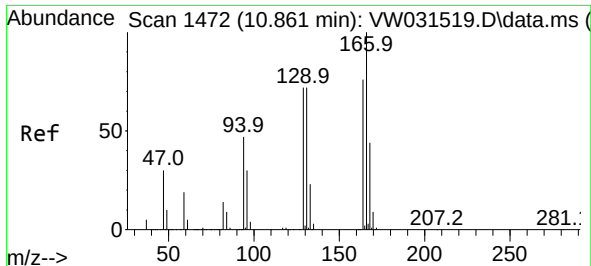
Tgt Ion: 75 Resp: 11974
Ion Ratio Lower Upper
75 100
77 29.0 21.2 39.4



#45
1,1,2-Trichloroethane
Concen: 1.129 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

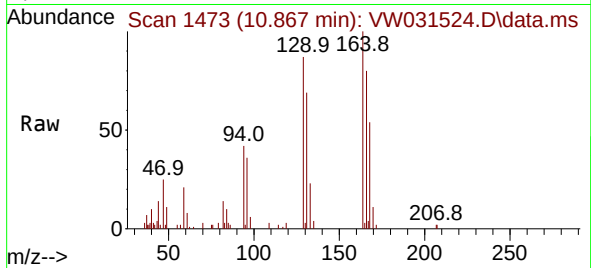
Tgt Ion: 97 Resp: 5107
Ion Ratio Lower Upper
97 100
99 62.3 43.0 80.0
83 92.3 56.4 104.7
85 61.3 37.9 70.3



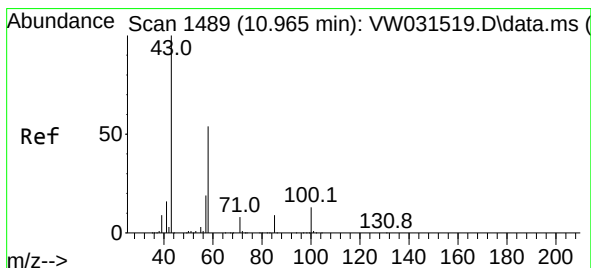
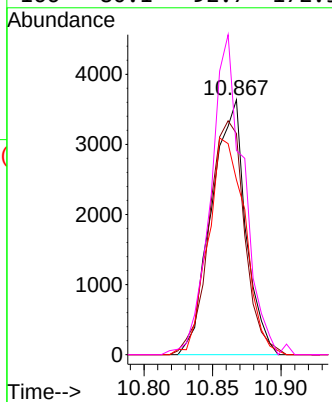
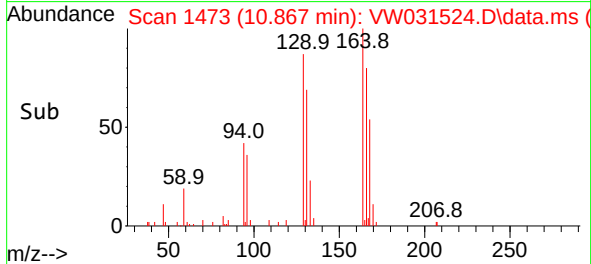


#46
Tetrachloroethene
Concen: 1.125 ug/L
RT: 10.867 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

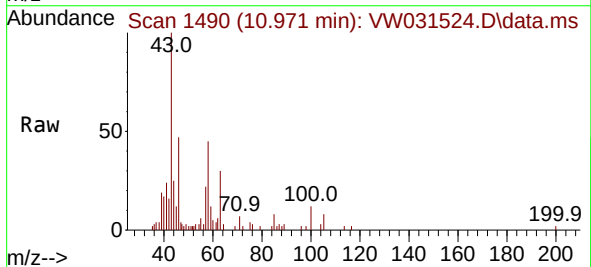
Instrument :
MSVOA_W
ClientSampleId :



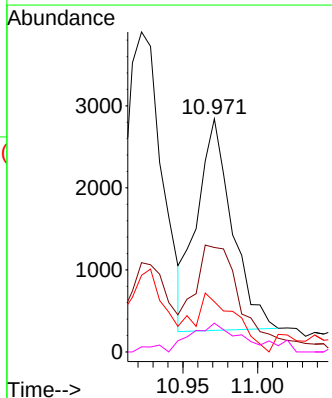
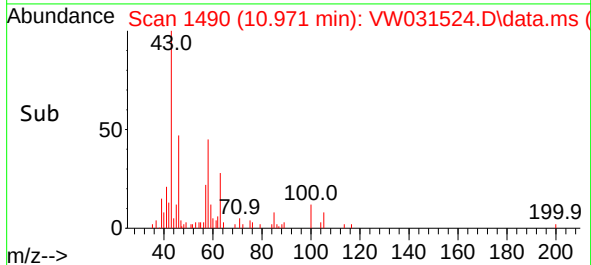
Tgt Ion:	164	Resp:	6337
Ion	Ratio	Lower	Upper
164	100		
129	86.7	73.5	136.5
131	68.6	66.6	123.8
166	80.1	92.7	172.3#

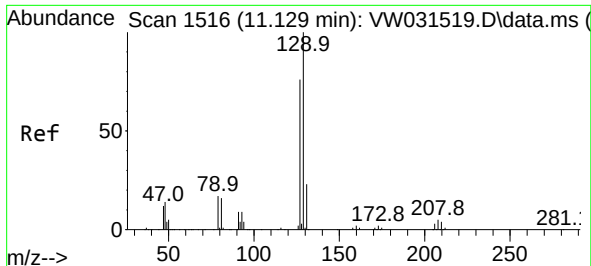


#48
2-Hexanone
Concen: 1.379 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17



Tgt Ion:	43	Resp:	4229
Ion	Ratio	Lower	Upper
43	100		
58	70.5	43.0	64.6#
57	26.2	15.7	23.5#
100	17.9	10.3	15.5#

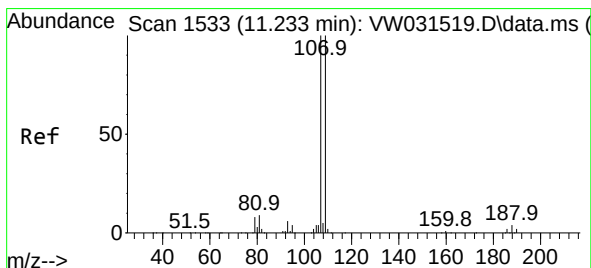
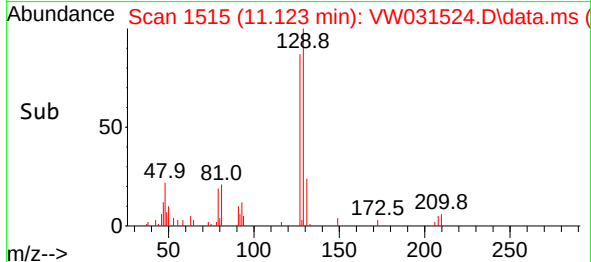
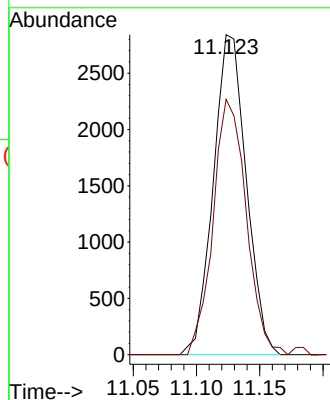
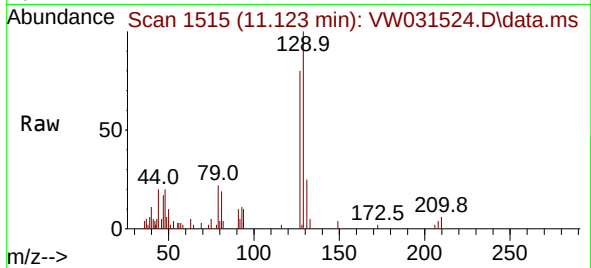




#49
Dibromochloromethane
Concen: 0.963 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

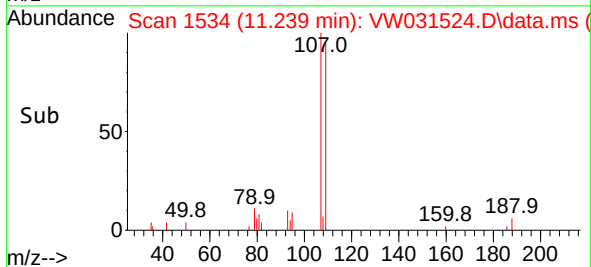
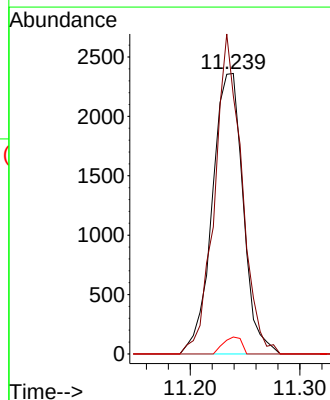
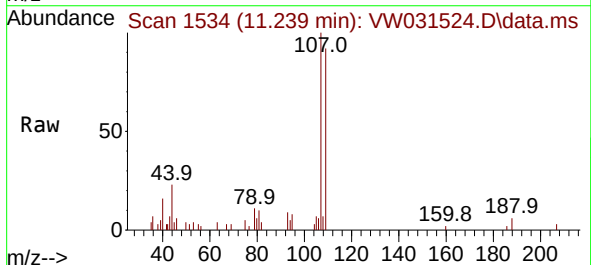
Instrument :
MSVOA_W
ClientSampleId :

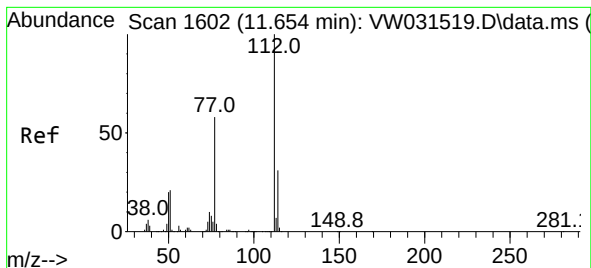
Tgt Ion:129 Resp: 5162
Ion Ratio Lower Upper
129 100
127 79.8 57.6 107.0



#50
1,2-Dibromoethane
Concen: 1.079 ug/L
RT: 11.239 min Scan# 1534
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion:107 Resp: 4622
Ion Ratio Lower Upper
107 100
109 92.0 63.2 117.4
188 6.1 2.6 4.0#





#51

Chlorobenzene

Concen: 1.073 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

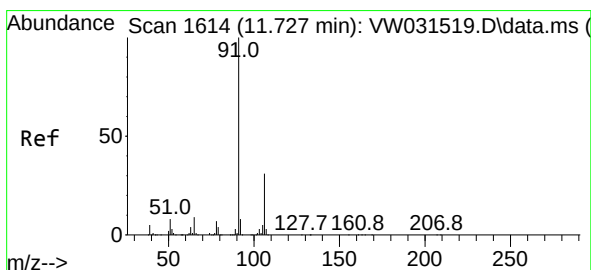
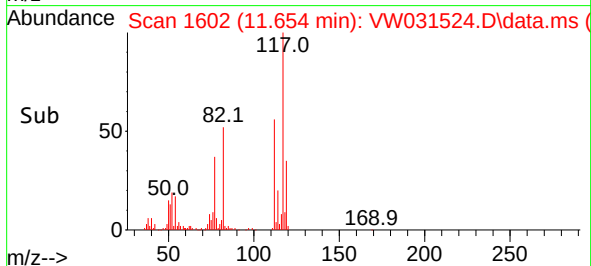
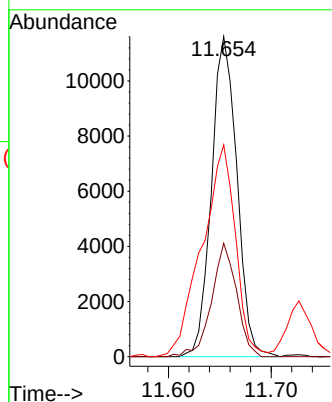
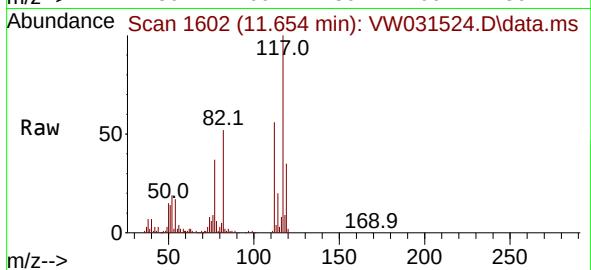
Tgt Ion:112 Resp: 19959

Ion Ratio Lower Upper

112 100

114 35.4 22.7 42.3

77 66.2 50.2 75.4



#52

Ethylbenzene

Concen: 1.060 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031524.D

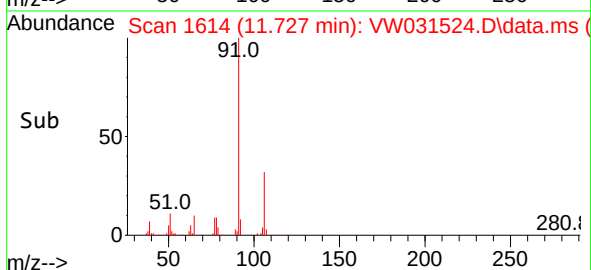
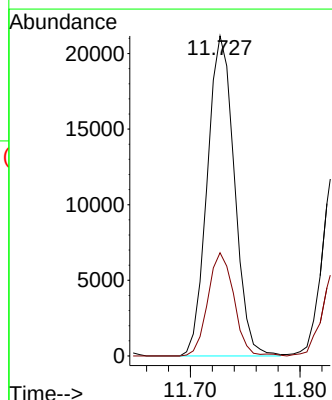
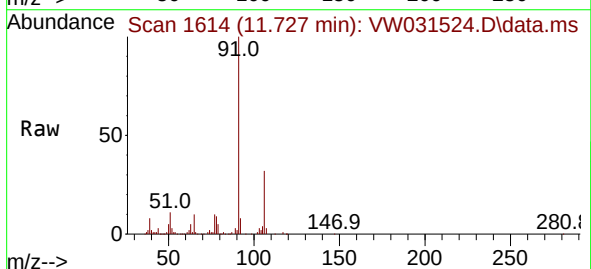
Acq: 26 Dec 2024 13:17

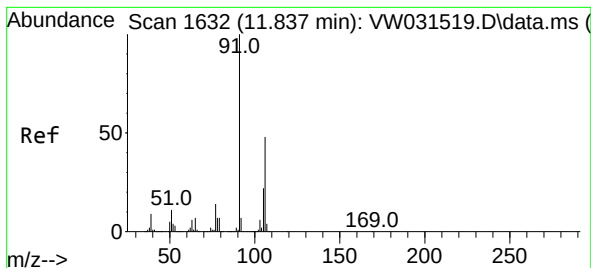
Tgt Ion: 91 Resp: 36452

Ion Ratio Lower Upper

91 100

106 32.3 20.7 38.5





#53

m,p-Xylene

Concen: 1.052 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

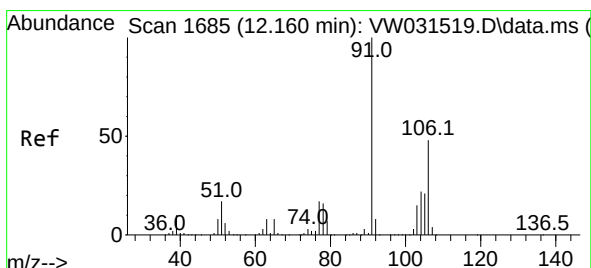
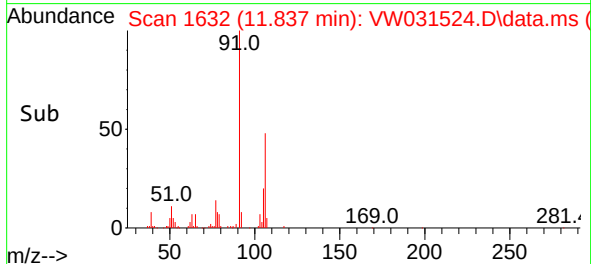
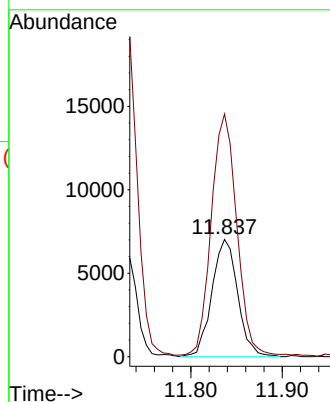
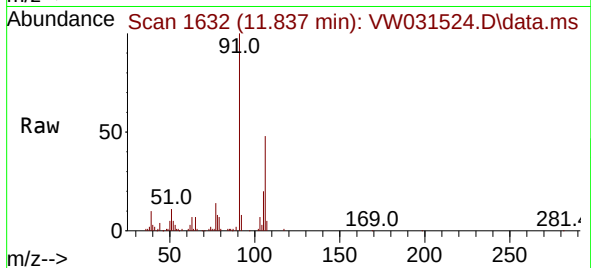
ClientSampleId :

Tgt Ion:106 Resp: 13764

Ion Ratio Lower Upper

106 100

91 206.8 139.9 259.7



#54

o-Xylene

Concen: 1.014 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031524.D

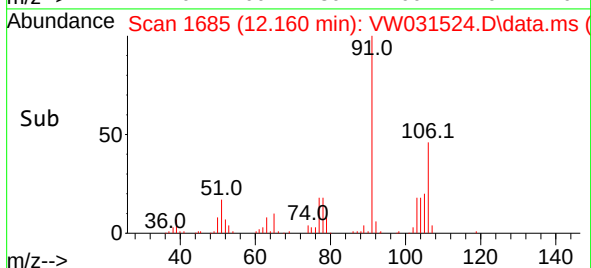
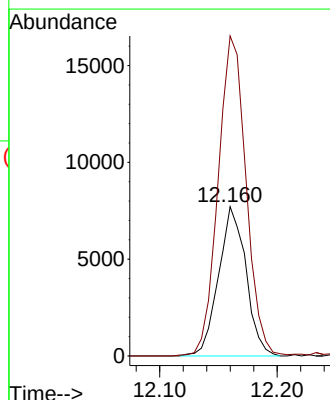
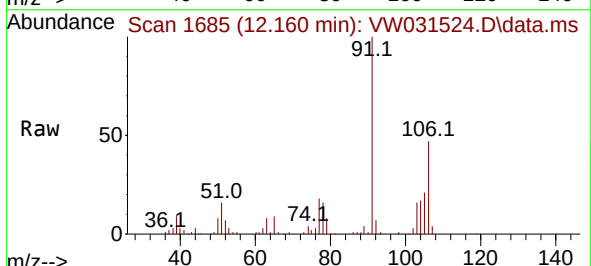
Acq: 26 Dec 2024 13:17

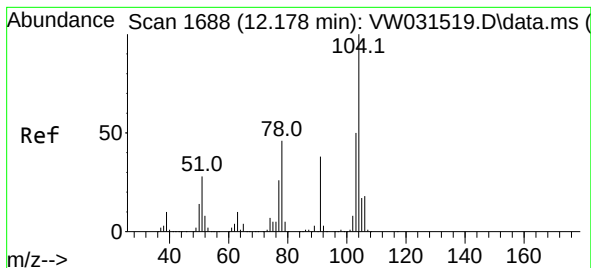
Tgt Ion:106 Resp: 12507

Ion Ratio Lower Upper

106 100

91 214.3 153.1 284.3





#55

Styrene

Concen: 0.952 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

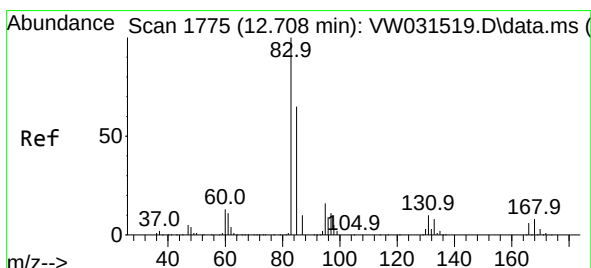
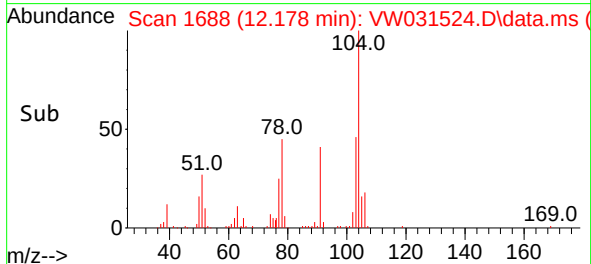
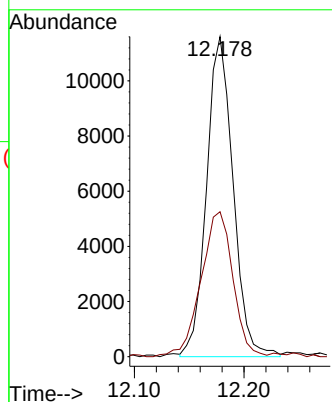
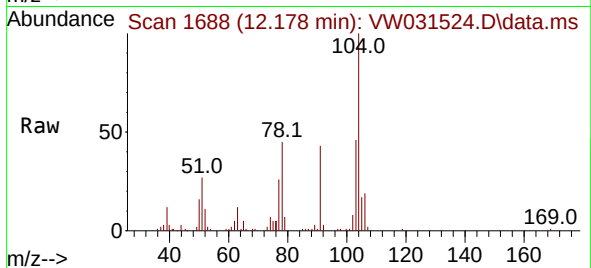
ClientSampleId :

Tgt Ion:104 Resp: 19543

Ion Ratio Lower Upper

104 100

78 45.3 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 1.344 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

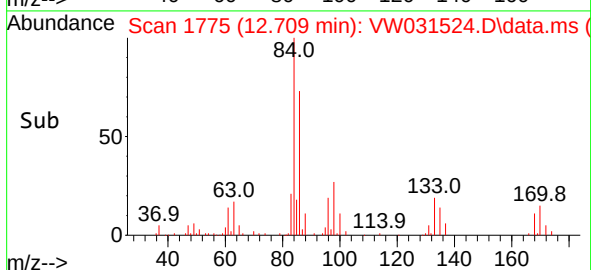
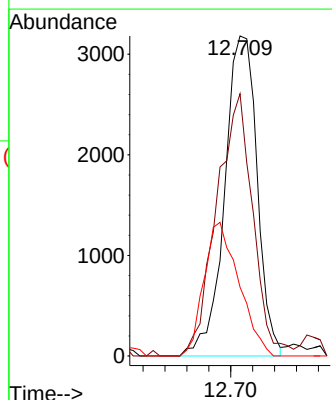
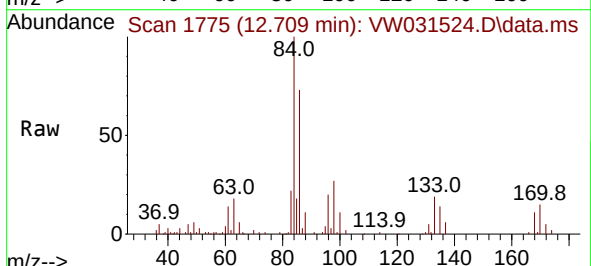
Tgt Ion: 83 Resp: 6552

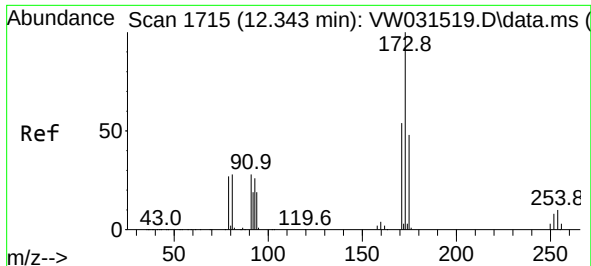
Ion Ratio Lower Upper

83 100

85 82.0 44.1 81.9#

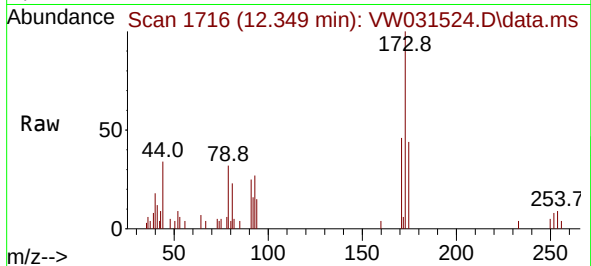
131 21.5 7.9 11.9#



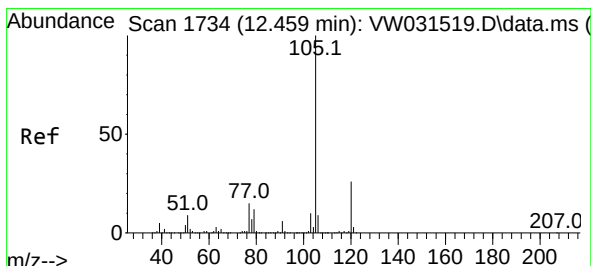
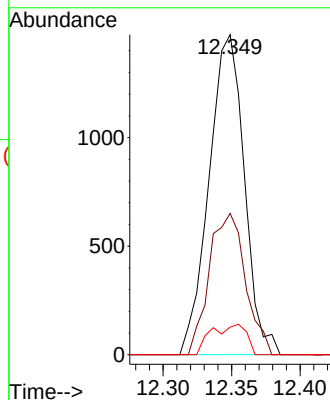
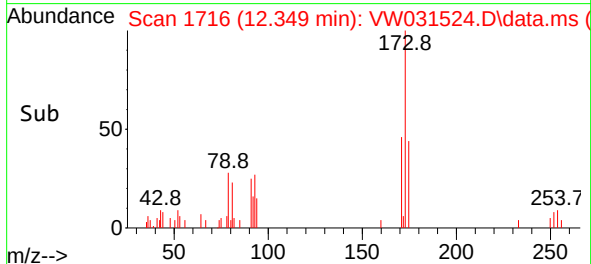


#59
Bromoform
Concen: 0.882 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :

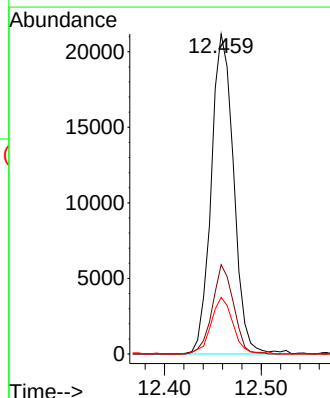
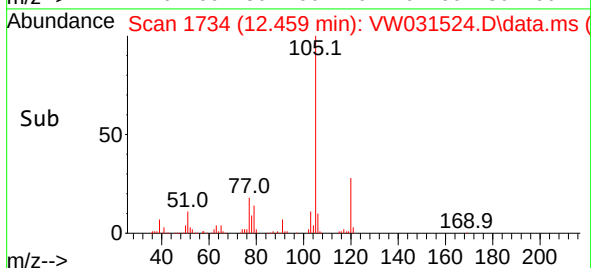
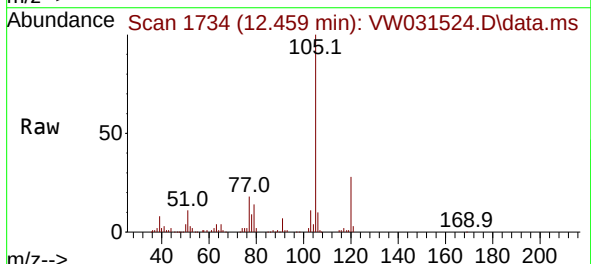


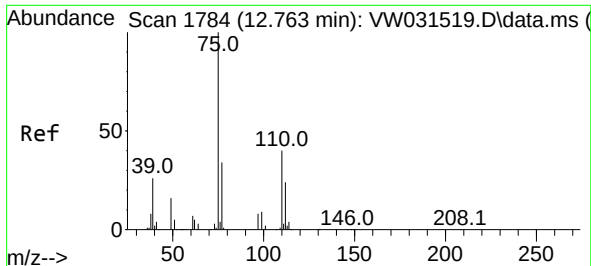
Tgt Ion:173 Resp: 2642
Ion Ratio Lower Upper
173 100
175 45.3 38.6 57.8
254 5.1 7.6 11.4#



#60
Isopropylbenzene
Concen: 0.979 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

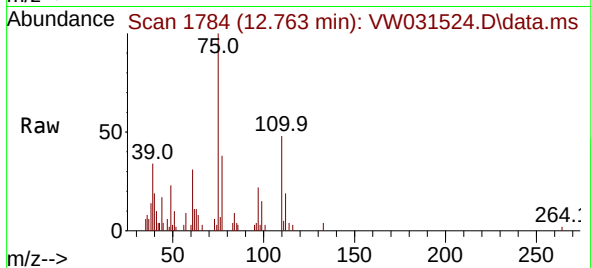
Tgt Ion:105 Resp: 34149
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 17.2 12.8 19.2



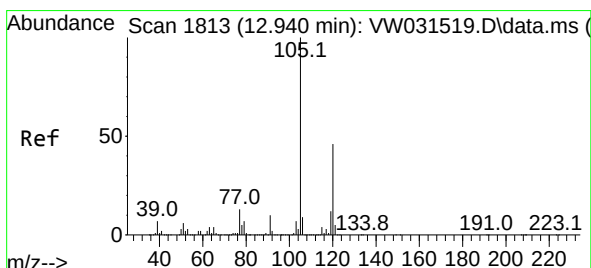
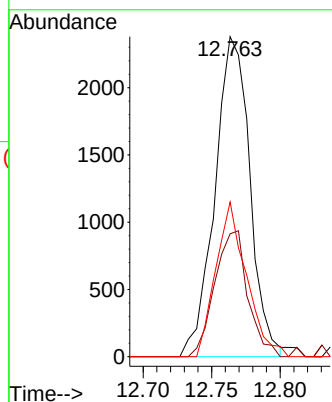
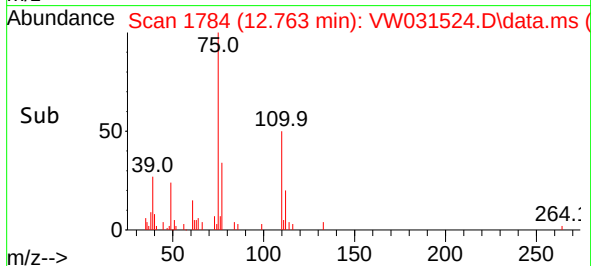


#61
1,2,3-Trichloropropane
Concen: 1.158 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Instrument :
MSVOA_W
ClientSampleId :

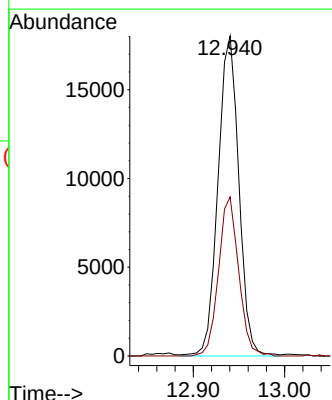
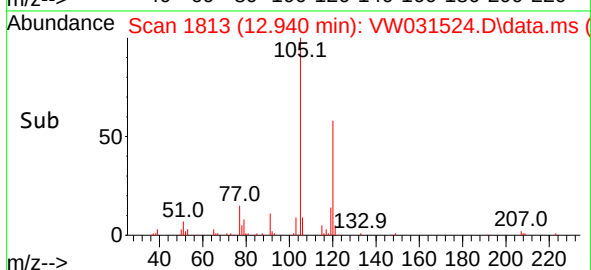
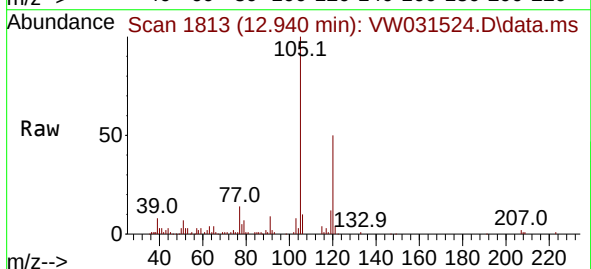


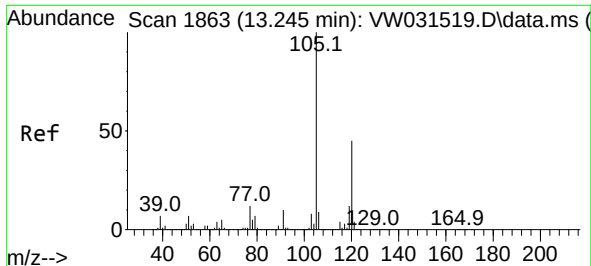
Tgt Ion: 75 Resp: 4224
Ion Ratio Lower Upper
75 100
77 37.2 25.3 37.9
110 42.4 31.2 46.8



#62
1,3,5-Trimethylbenzene
Concen: 0.966 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion: 105 Resp: 28581
Ion Ratio Lower Upper
105 100
120 48.1 37.3 55.9

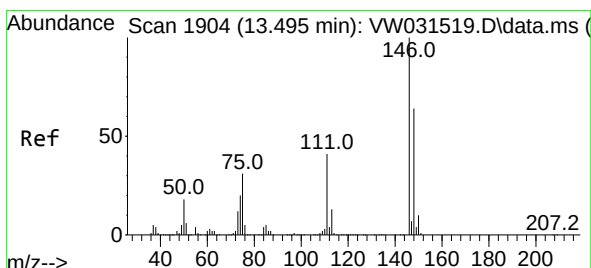
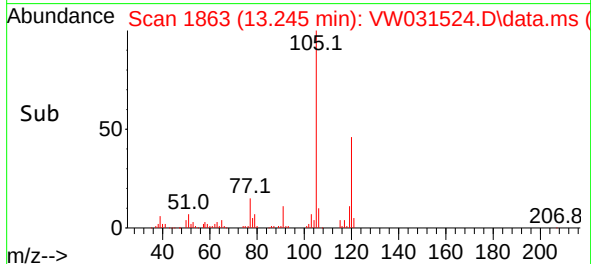
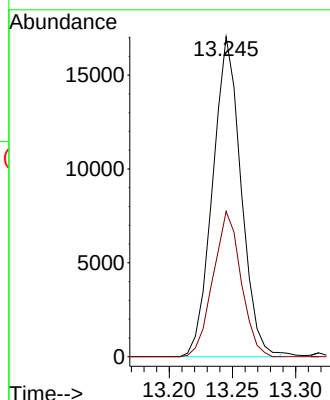
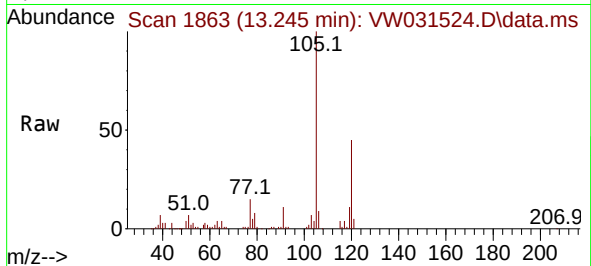




#63
1,2,4-Trimethylbenzene
Concen: 0.931 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

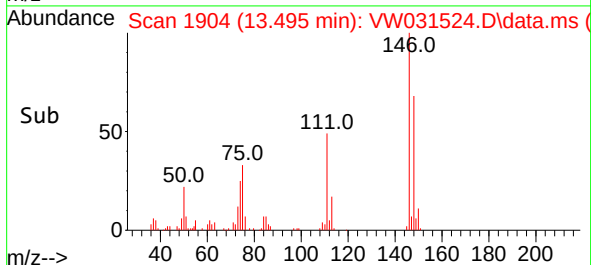
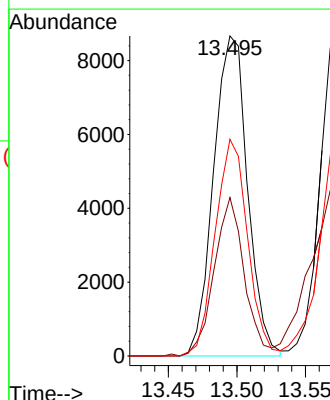
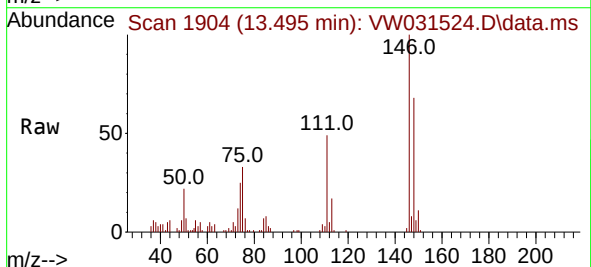
Instrument :
MSVOA_W
ClientSampleId :

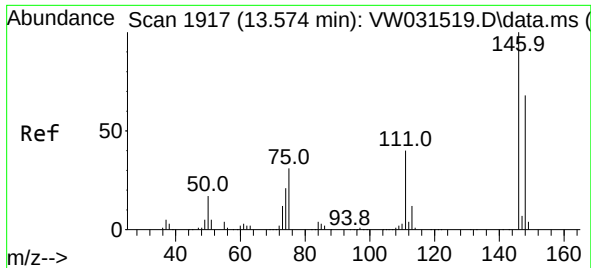
Tgt Ion:105 Resp: 26614
Ion Ratio Lower Upper
105 100
120 44.5 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 1.057 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion:146 Resp: 14942
Ion Ratio Lower Upper
146 100
111 49.5 27.6 51.2
148 67.7 41.0 76.2

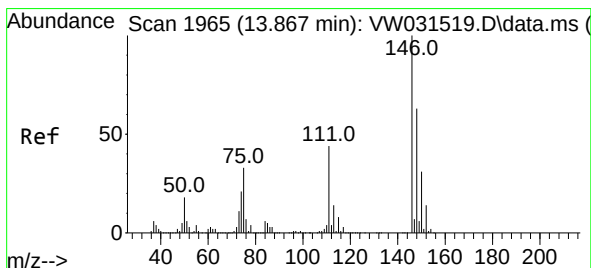
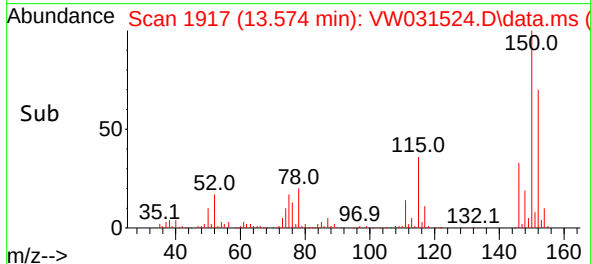
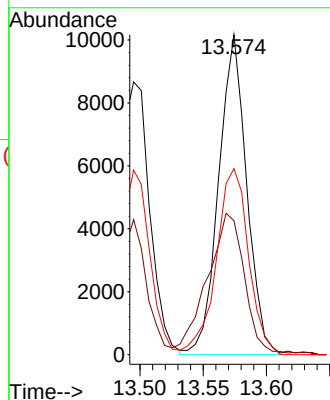
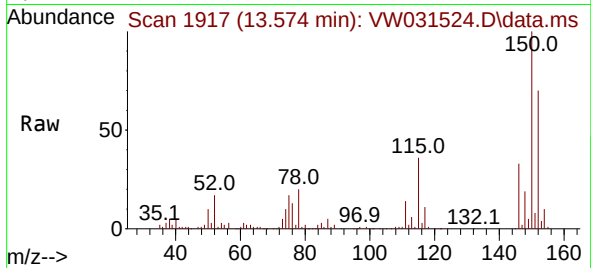




#65
1,4-Dichlorobenzene
Concen: 1.116 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

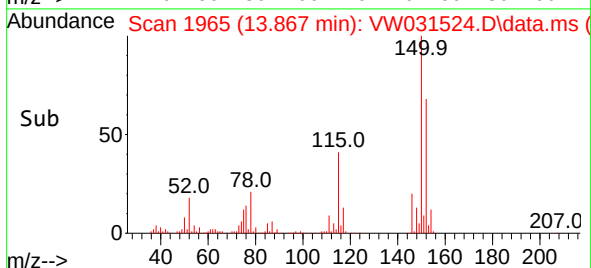
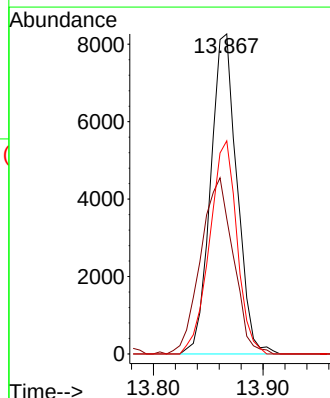
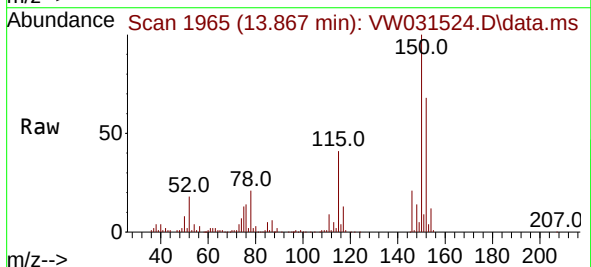
Instrument :
MSVOA_W
ClientSampleId :

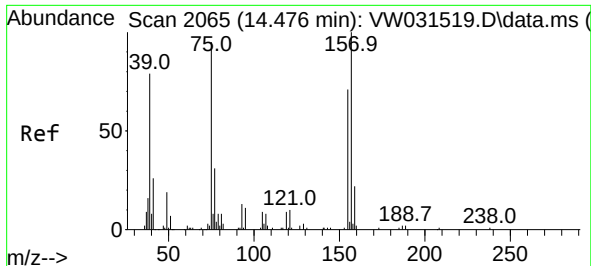
Tgt Ion:146 Resp: 15630
Ion Ratio Lower Upper
146 100
111 41.9 30.7 56.9
148 58.2 46.5 86.3



#67
1,2-Dichlorobenzene
Concen: 1.134 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031524.D
Acq: 26 Dec 2024 13:17

Tgt Ion:146 Resp: 13817
Ion Ratio Lower Upper
146 100
111 42.3 38.6 58.0
148 66.6 53.6 80.4





#68

1,2-Dibromo-3-chloropropane

Concen: 1.095 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :

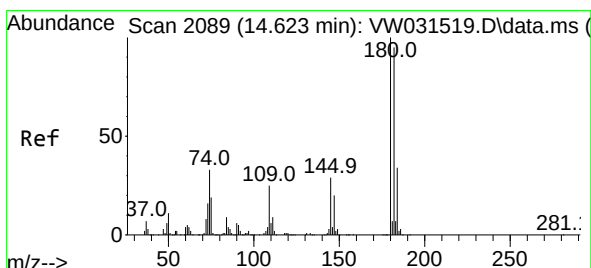
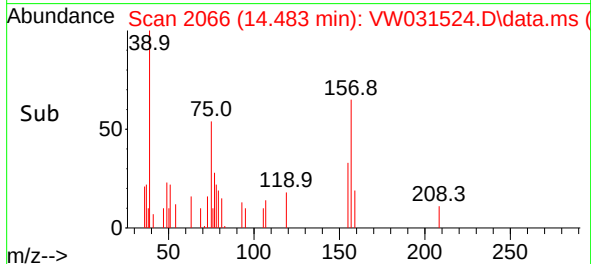
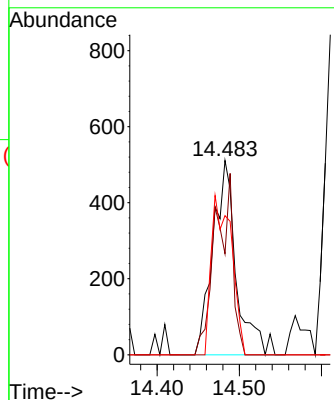
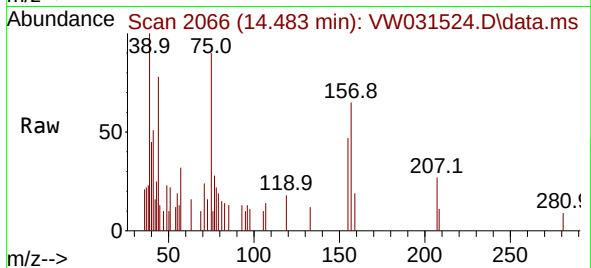
Tgt Ion: 75 Resp: 1014

Ion Ratio Lower Upper

75 100

155 52.1 56.6 85.0#

157 71.6 71.2 106.8



#69

1,3,5-Trichlorobenzene

Concen: 1.093 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Tgt Ion:180 Resp: 10820

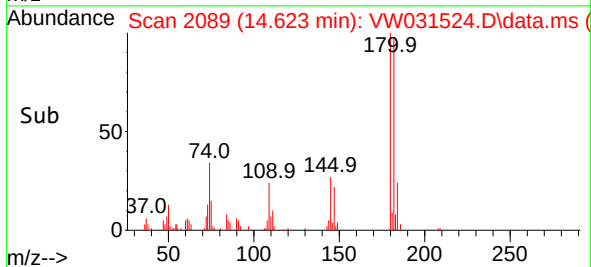
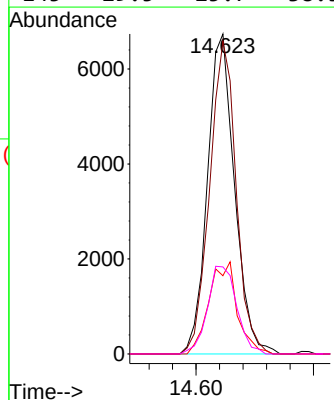
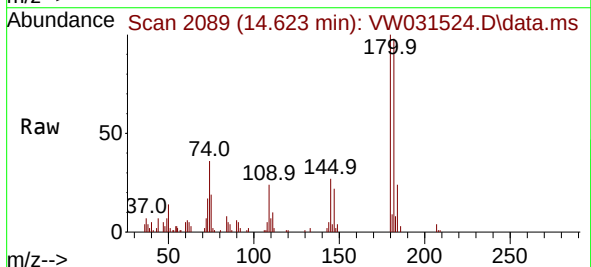
Ion Ratio Lower Upper

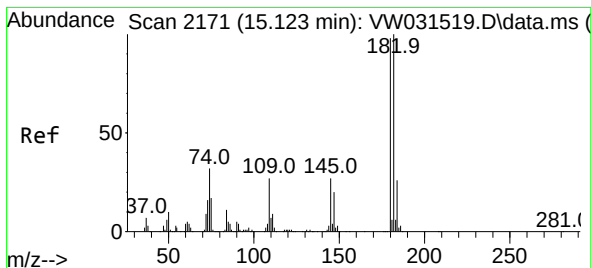
180 100

182 95.1 75.0 112.4

184 29.9 24.6 36.8

145 29.5 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 1.119 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

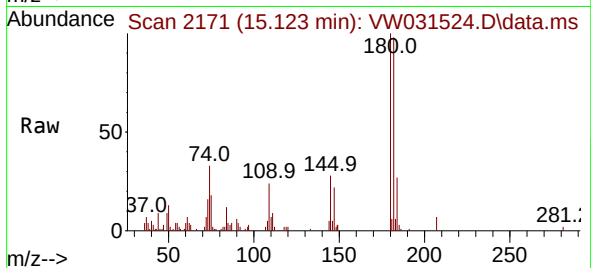
Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

Instrument :

MSVOA_W

ClientSampleId :



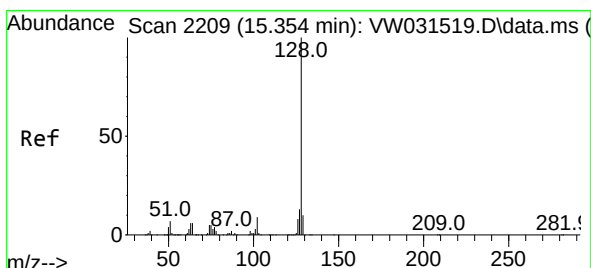
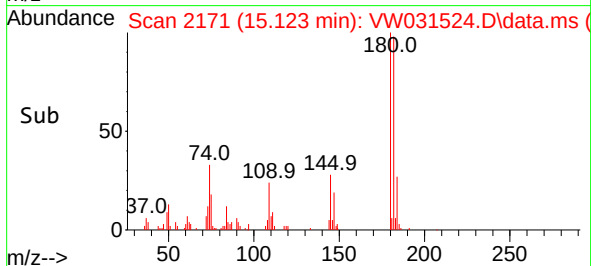
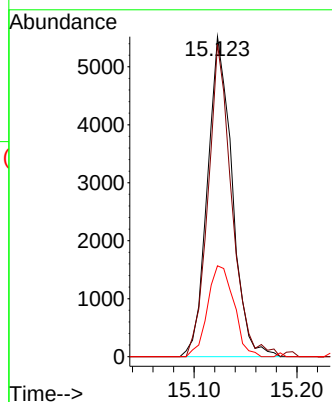
Tgt Ion:180 Resp: 9217

Ion Ratio Lower Upper

180 100

182 93.3 78.2 117.2

145 30.2 26.7 40.1



#71

Naphthalene

Concen: 1.008 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031524.D

Acq: 26 Dec 2024 13:17

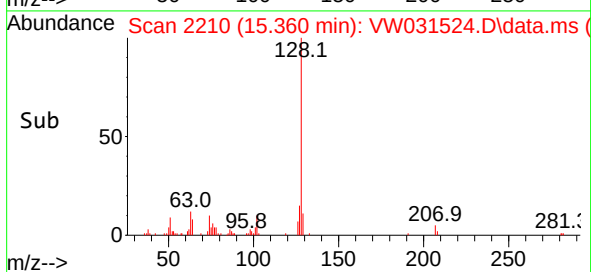
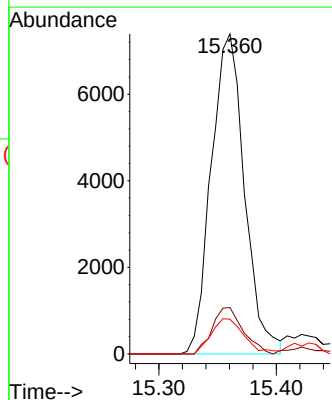
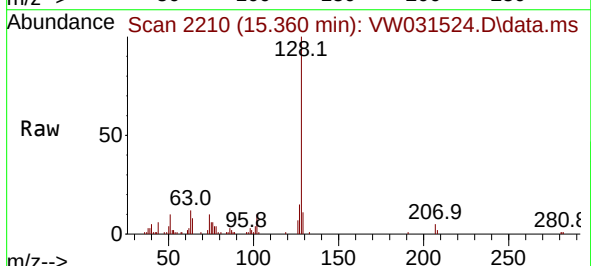
Tgt Ion:128 Resp: 14549

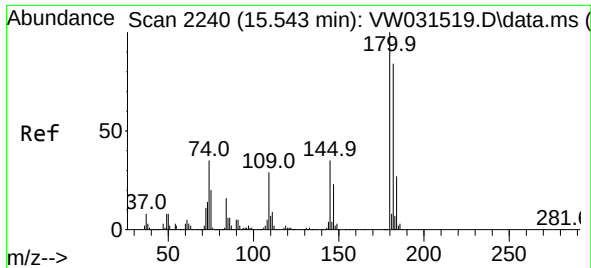
Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

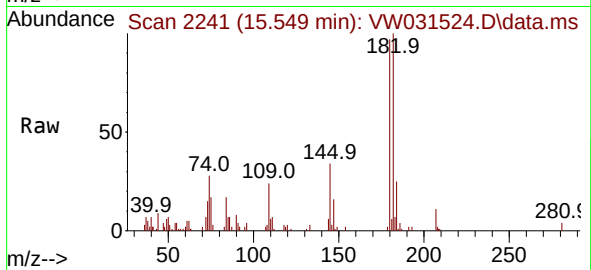
129 10.4 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.164 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031524.D
 Acq: 26 Dec 2024 13:17

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	7725
Ion Ratio	Lower	Upper	
180	100		
182	99.1	75.0	112.4
145	35.0	27.8	41.6

