

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031519.D
 Acq On : 26 Dec 2024 10:29
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:19:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 26 04:44:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	578929	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	503284	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	248107	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	187798	21.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
7) Chloroethane-d5	2.899	69	158921	24.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
11) 1,1-Dichloroethene-d2	4.021	65	86652	20.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.880%
21) 2-Butanone-d5	7.106	46	83811	51.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.180%
24) Chloroform-d	7.648	84	394147	24.848	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	8.307	65	199976	25.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	8.270	84	734006	22.754	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	9.270	67	227659	24.216	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	10.319	98	678198	22.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	10.575	79	91044	21.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.000%
47) 2-Hexanone-d5	10.922	63	63384	50.133	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	163340	27.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.680%
66) 1,2-Dichlorobenzene-d4	13.849	152	226768	24.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	118098	22.572	ug/L	96
3) Chloromethane	2.216	50	128344	21.835	ug/L	99
5) Vinyl chloride	2.369	62	206017	25.291	ug/L	95
6) Bromomethane	2.790	94	131034	26.165	ug/L	96
8) Chloroethane	2.930	64	133333	27.524	ug/L	98
9) Trichlorofluoromethane	3.265	101	245837	28.329	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	184851	26.380	ug/L	97
12) 1,1-Dichloroethene	4.039	96	170432	24.014	ug/L	94
13) Acetone	4.180	43	91802	40.184	ug/L	# 100
14) Carbon disulfide	4.387	76	449528	19.421	ug/L	100
15) Methyl Acetate	4.692	43	60082	23.155	ug/L	100
16) Methylene chloride	4.923	84	175019	24.027	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	179179	23.421	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	314262	24.572	ug/L	99
19) 1,1-Dichloroethane	6.216	63	356678	24.950	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	209228	25.278	ug/L	96
22) 2-Butanone	7.197	43	105392	38.074	ug/L	97
23) Bromochloromethane	7.514	128	82756	25.069	ug/L	95
25) Chloroform	7.673	83	361623	25.631	ug/L	97

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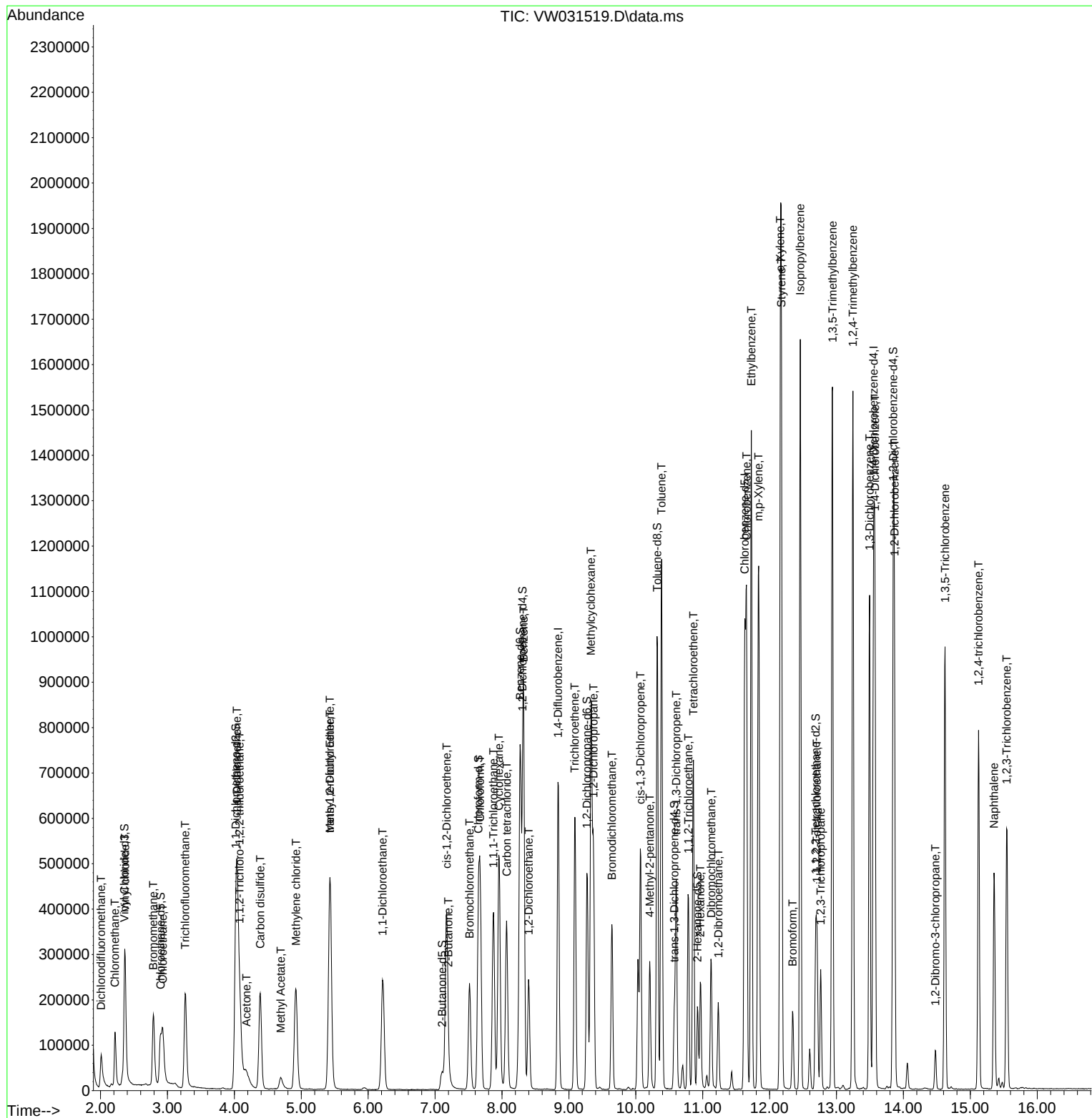
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	223160	25.159	ug/L	100
29) Cyclohexane	7.953	56	303763	22.256	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	314969	24.213	ug/L	99
31) Carbon tetrachloride	8.069	117	273859	23.630	ug/L	99
33) Benzene	8.325	78	769578	24.744	ug/L	100
34) Trichloroethene	9.087	95	213564	24.322	ug/L	92
35) Methylcyclohexane	9.331	83	361457	23.638	ug/L	96
37) 1,2-Dichloropropane	9.368	63	198408	25.572	ug/L	99
38) Bromodichloromethane	9.642	83	249178	24.703	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	311465	23.756	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	185517	45.068	ug/L	98
42) Toluene	10.386	91	849022	25.073	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	251968	23.536	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	135926	26.338	ug/L	98
46) Tetrachloroethene	10.861	164	158996	24.720	ug/L	96
48) 2-Hexanone	10.965	43	152926	43.681	ug/L	97
49) Dibromochloromethane	11.129	129	150298	24.569	ug/L	93
50) 1,2-Dibromoethane	11.233	107	124587	25.484	ug/L	91
51) Chlorobenzene	11.654	112	544592	25.651	ug/L	95
52) Ethylbenzene	11.727	91	996481	25.391	ug/L	97
53) m,p-Xylene	11.837	106	376283	25.186	ug/L	95
54) o-Xylene	12.160	106	355342	25.237	ug/L	93
55) Styrene	12.178	104	610227	26.055	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	147936	26.591	ug/L	97
59) Bromoform	12.343	173	76393	21.917	ug/L	98
60) Isopropylbenzene	12.459	105	1045704	25.755	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	107237	25.259	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	846538	24.592	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	819437	24.630	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	432784	26.309	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	421625	25.868	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	356831	25.175	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	23027	21.373	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	283598	24.616	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	239604	25.001	ug/L	98
71) Naphthalene	15.354	128	417171	24.828	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	193323	25.037	ug/L	99

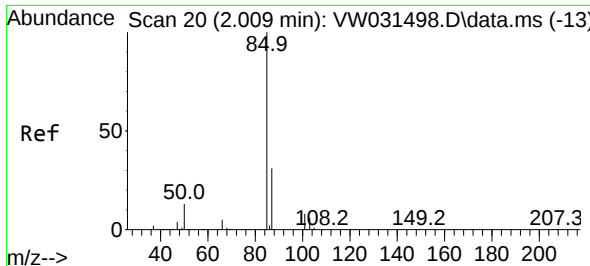
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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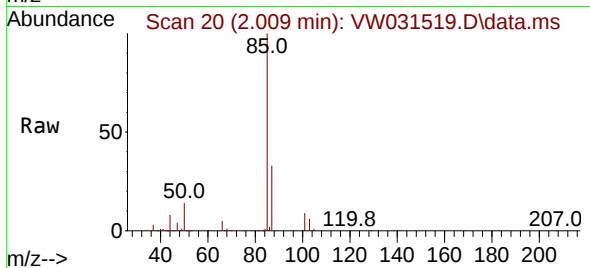
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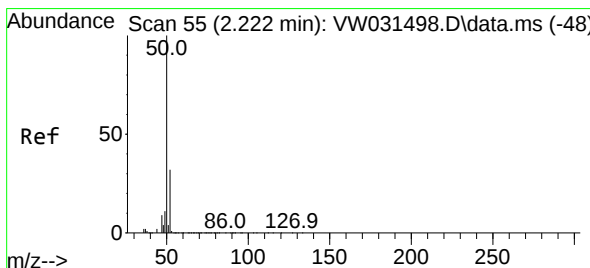
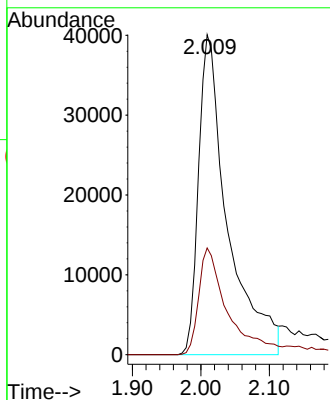
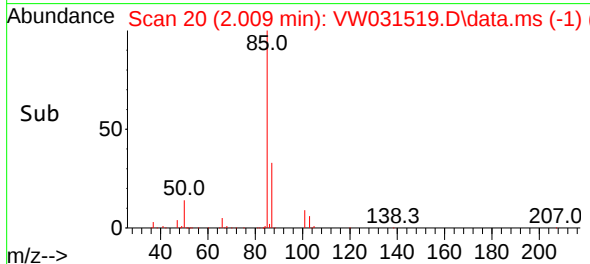


#2
Dichlorodifluoromethane
Concen: 22.572 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Instrument :
MSVOA_W
ClientSampleId :

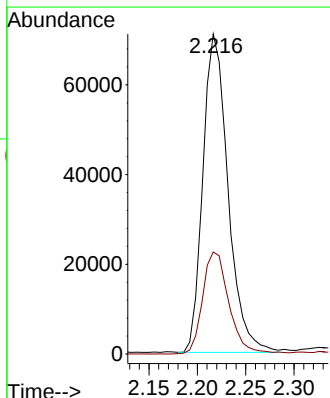
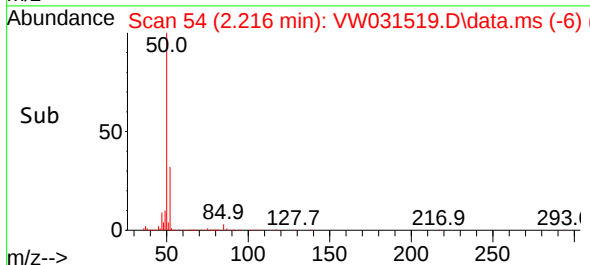
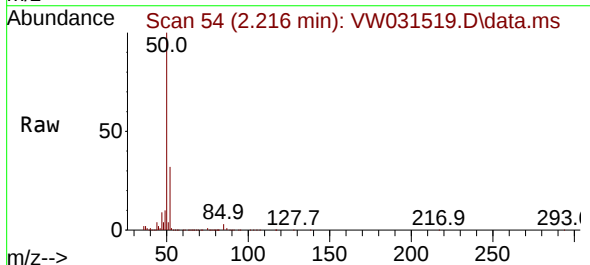


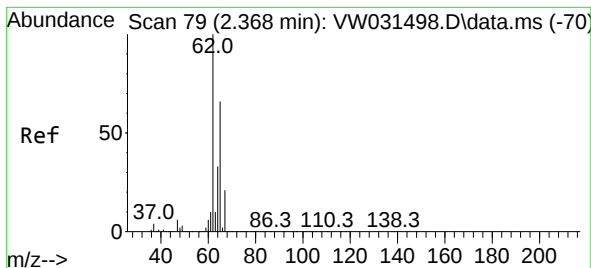
Tgt Ion: 85 Resp: 118098
Ion Ratio Lower Upper
85 100
87 33.3 24.9 37.3



#3
Chloromethane
Concen: 21.835 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion: 50 Resp: 128344
Ion Ratio Lower Upper
50 100
52 31.8 22.0 41.0





#5

Vinyl chloride

Concen: 25.291 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

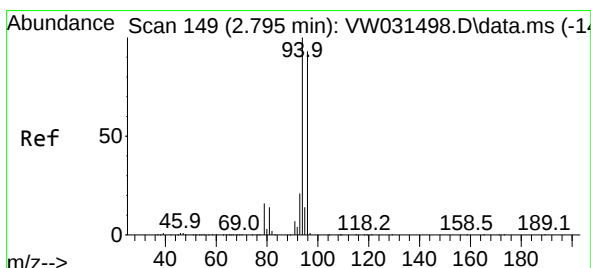
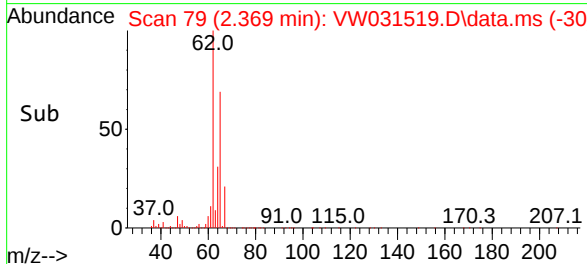
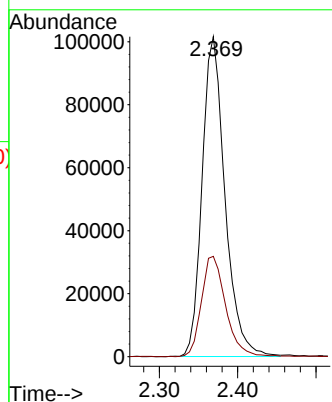
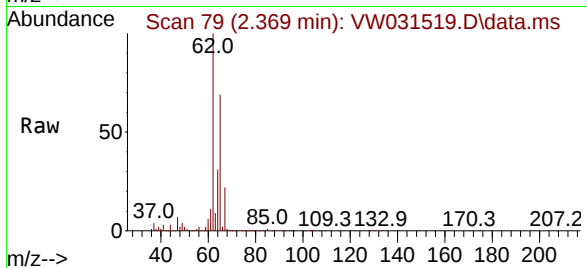
ClientSampleId :

Tgt Ion: 62 Resp: 206017

Ion Ratio Lower Upper

62 100

64 31.4 24.1 44.8



#6

Bromomethane

Concen: 26.165 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW031519.D

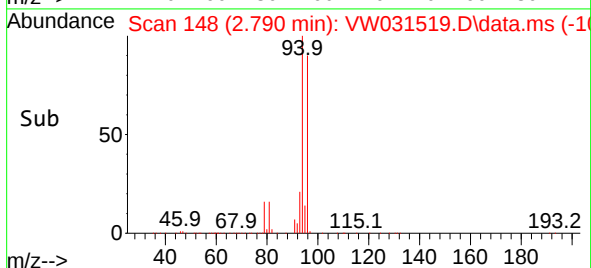
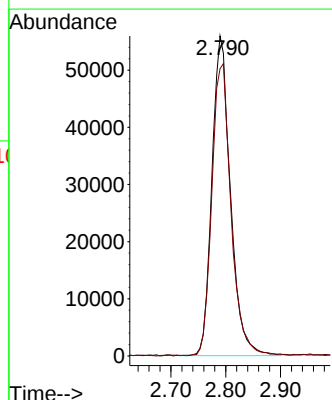
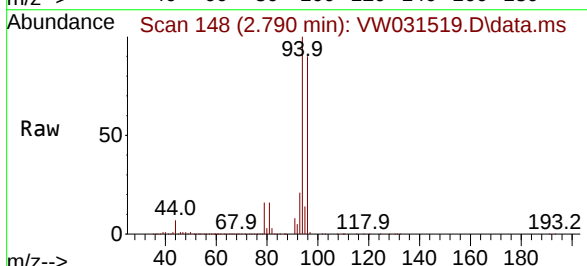
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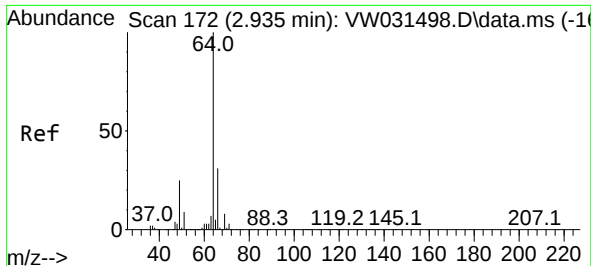
Tgt Ion: 94 Resp: 131034

Ion Ratio Lower Upper

94 100

96 89.7 65.6 121.8

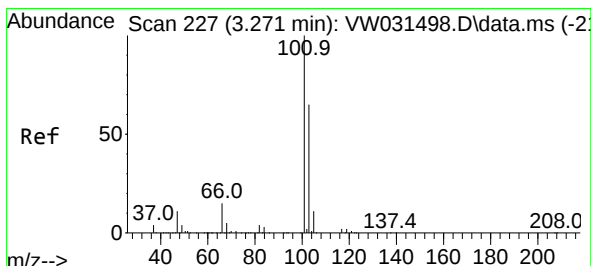
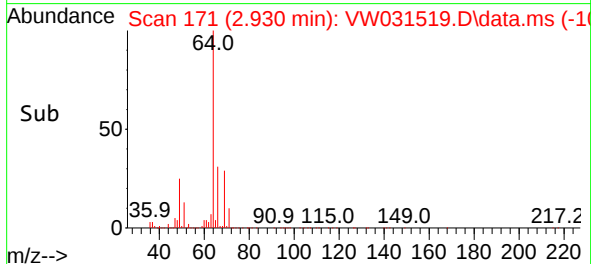
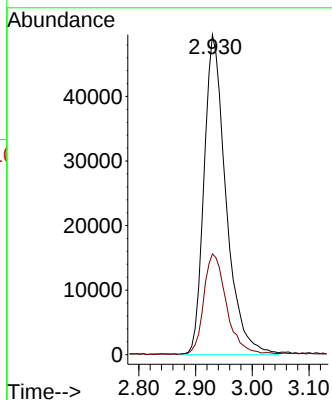
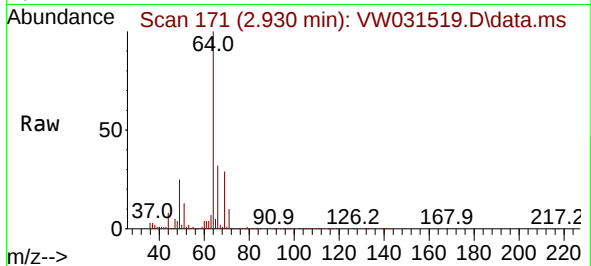




#8
Chloroethane
Concen: 27.524 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

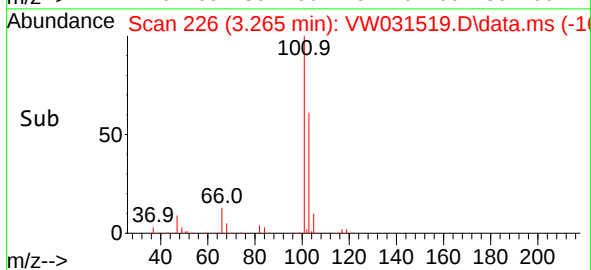
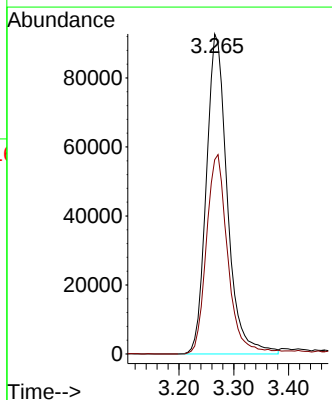
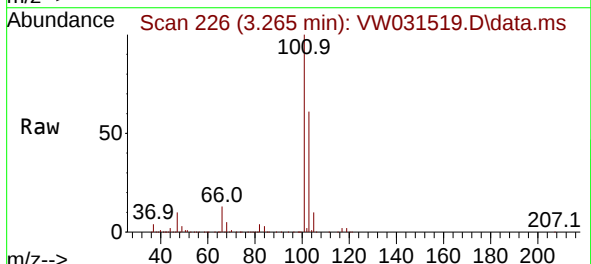
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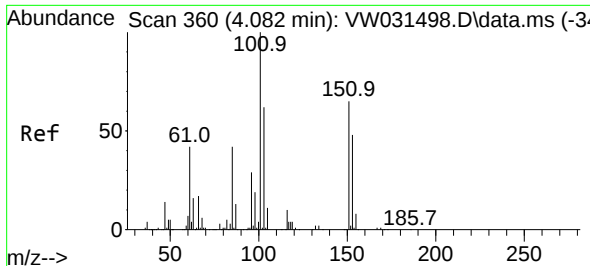
Tgt Ion: 64 Resp: 133333
Ion Ratio Lower Upper
64 100
66 31.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 28.329 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion:101 Resp: 245837
Ion Ratio Lower Upper
101 100
103 63.0 51.6 77.4

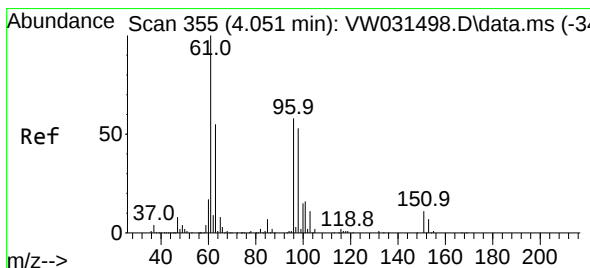
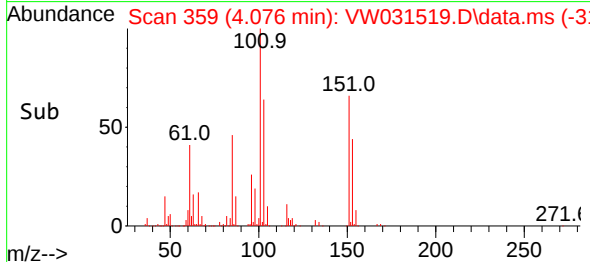
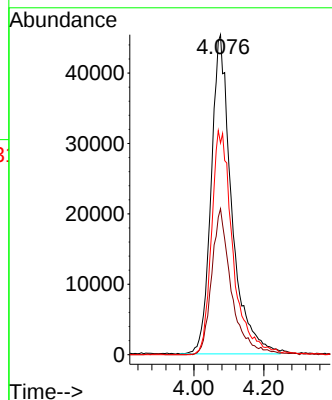
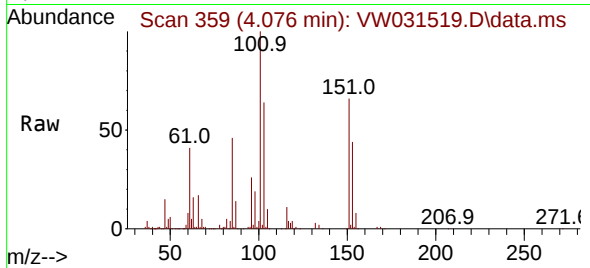




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.380 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW031519.D
 Acq: 26 Dec 2024 10:29

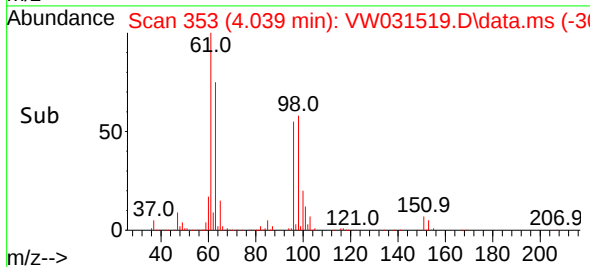
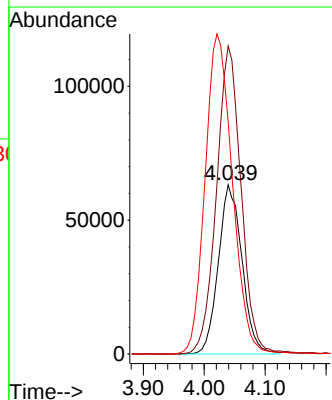
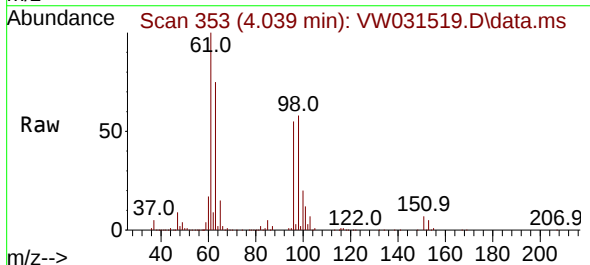
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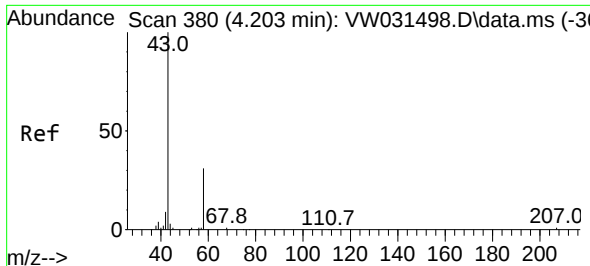
Tgt Ion:101 Resp: 184851
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.0 49.4
 151 71.8 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.014 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW031519.D
 Acq: 26 Dec 2024 10:29

Tgt Ion: 96 Resp: 170432
 Ion Ratio Lower Upper
 96 100
 61 182.1 125.3 232.7
 63 137.2 104.6 194.2

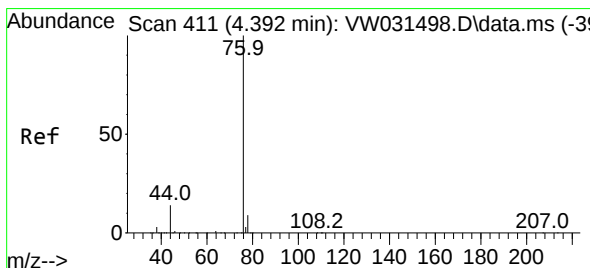
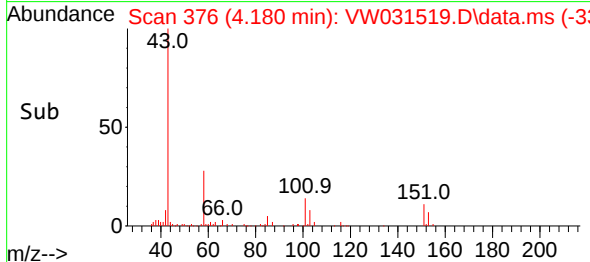
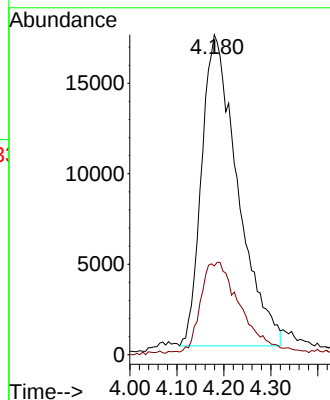
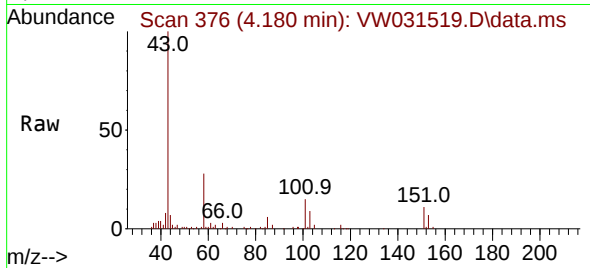




#13
Acetone
Concen: 40.184 ug/L
RT: 4.180 min Scan# 31
Delta R.T. -0.024 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

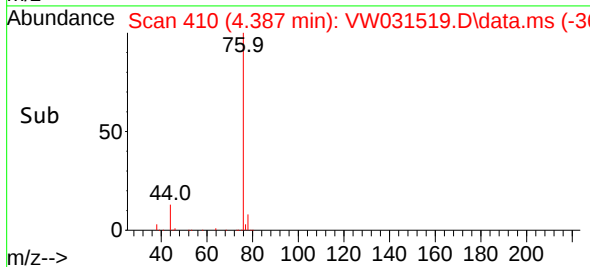
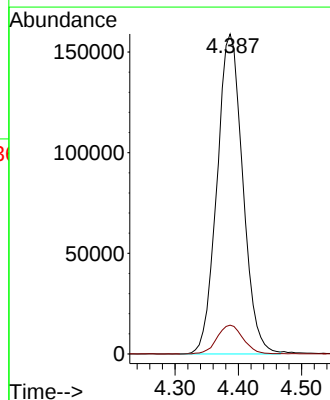
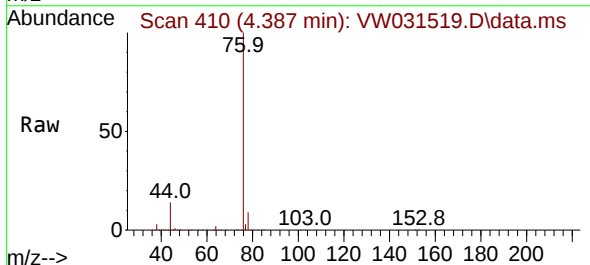
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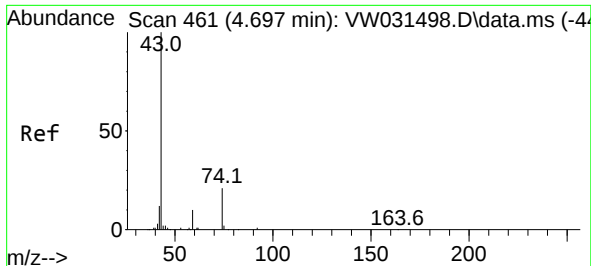
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Ion Ratio Lower Upper
43 100
58 11.6 0.0 0.0#



#14
Carbon disulfide
Concen: 19.421 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion: 76 Resp: 449528
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

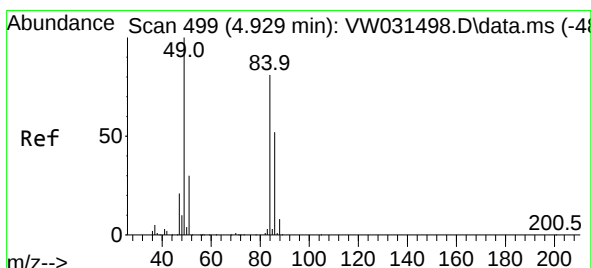
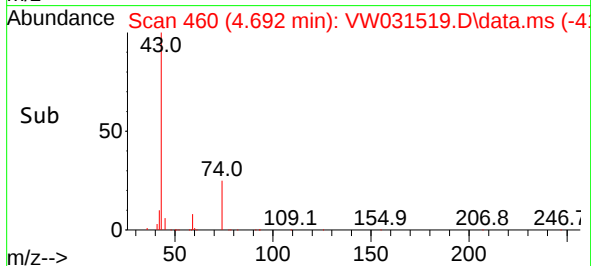
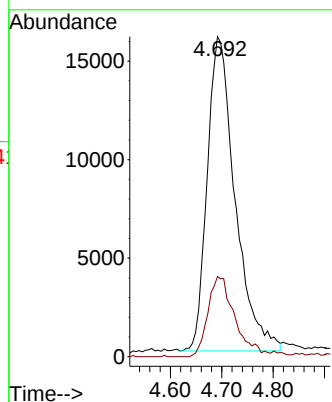
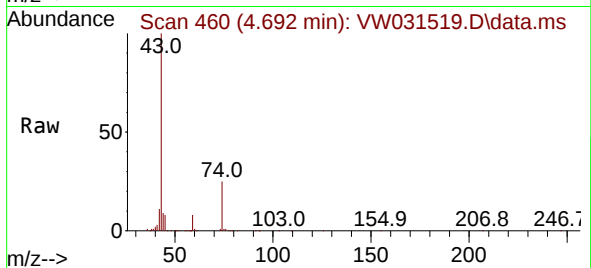




#15
Methyl Acetate
Concen: 23.155 ug/L
RT: 4.692 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

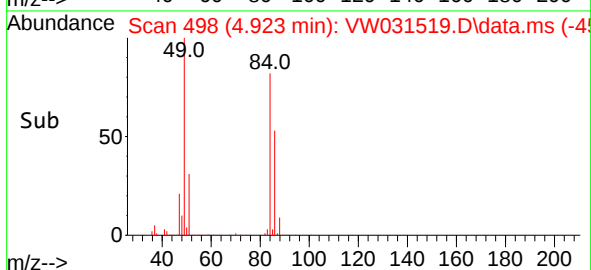
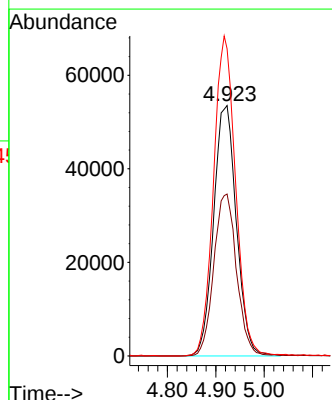
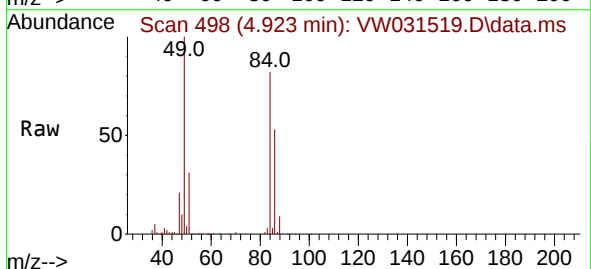
Instrument :
MSVOA_W
ClientSampleId :

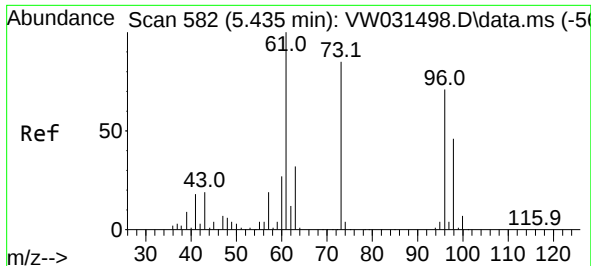
Tgt Ion: 43 Resp: 60082
Ion Ratio Lower Upper
43 100
74 23.4 18.9 28.3



#16
Methylene chloride
Concen: 24.027 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion: 84 Resp: 175019
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 122.6 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 23.421 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

ClientSampleId :

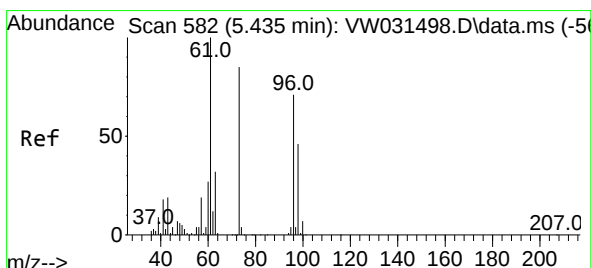
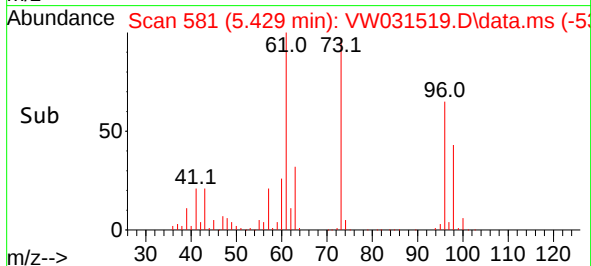
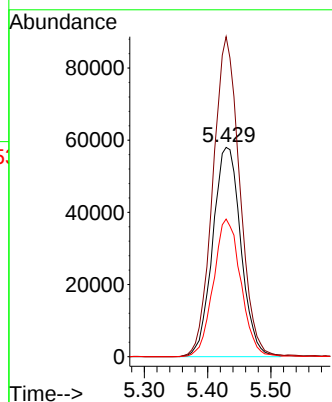
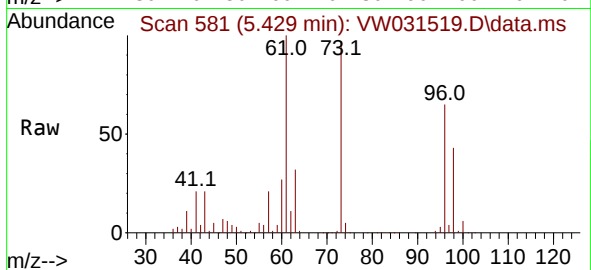
Tgt Ion: 96 Resp: 179179

Ion Ratio Lower Upper

96 100

61 152.9 100.7 187.1

98 65.7 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 24.572 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

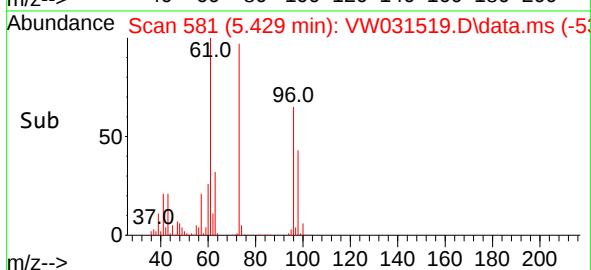
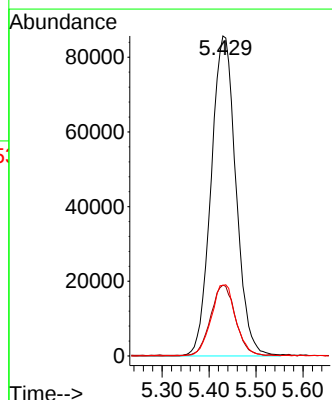
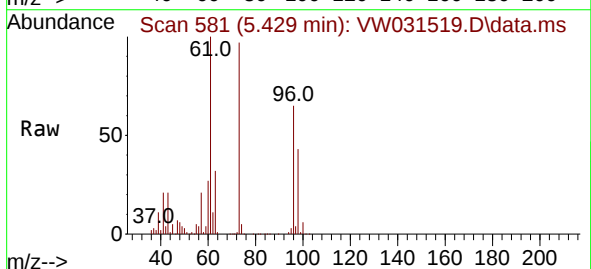
Tgt Ion: 73 Resp: 314262

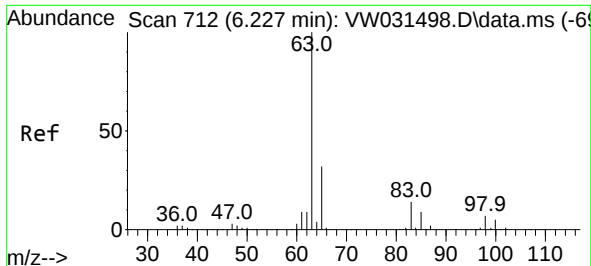
Ion Ratio Lower Upper

73 100

43 21.9 17.9 26.9

57 22.0 17.9 26.9





#19

1,1-Dichloroethane

Concen: 24.950 ug/L

RT: 6.216 min Scan# 712

Delta R.T. -0.012 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

ClientSampleId :

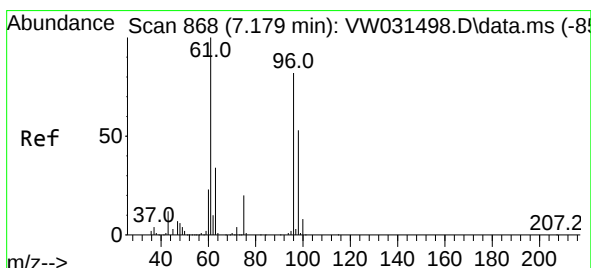
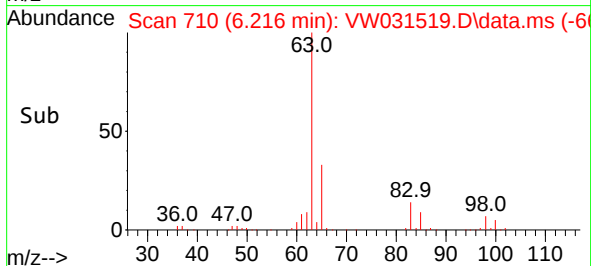
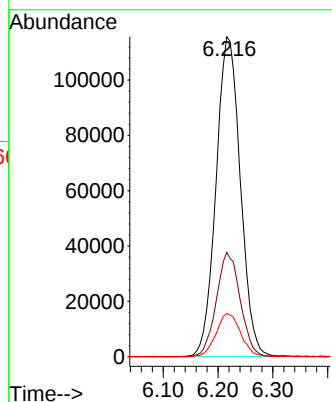
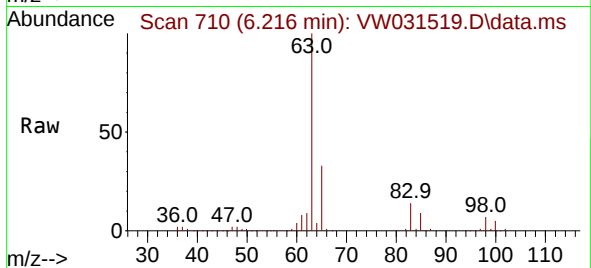
Tgt Ion: 63 Resp: 356678

Ion Ratio Lower Upper

63 100

65 32.6 21.9 40.7

83 13.5 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.278 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

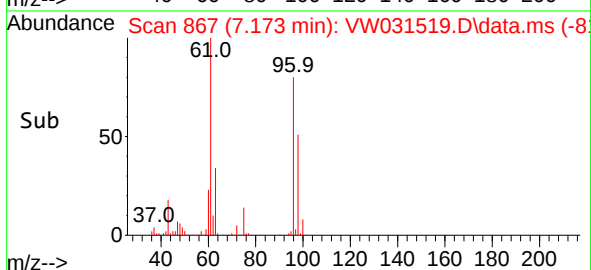
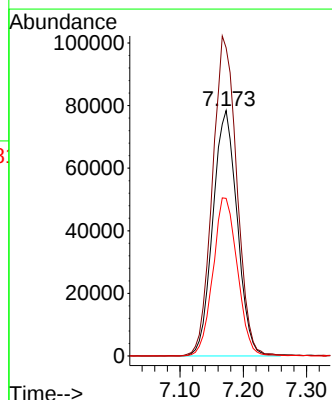
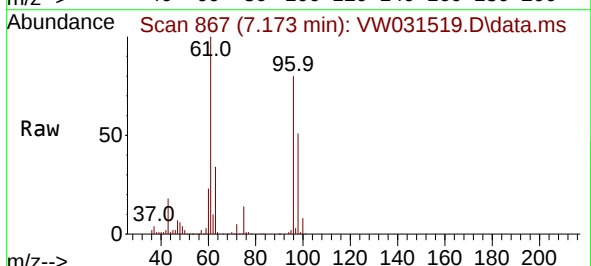
Tgt Ion: 96 Resp: 209228

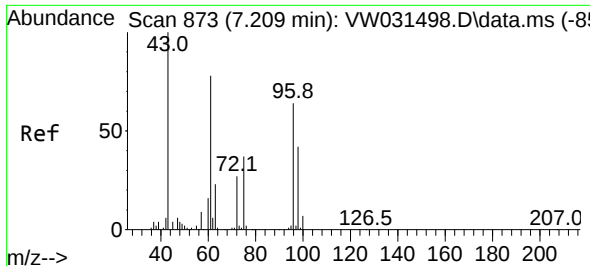
Ion Ratio Lower Upper

96 100

61 125.5 92.2 171.2

98 64.2 43.7 81.1

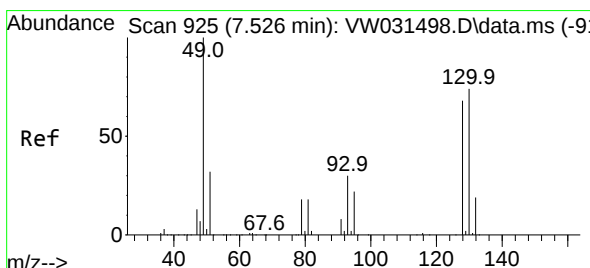
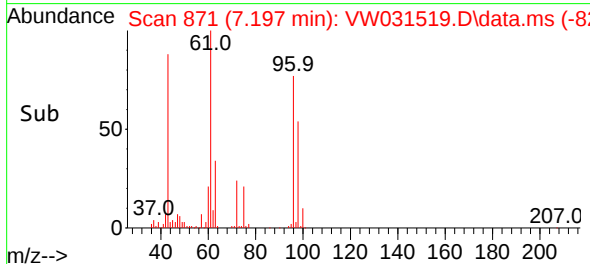
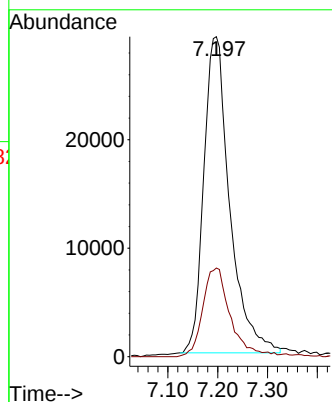
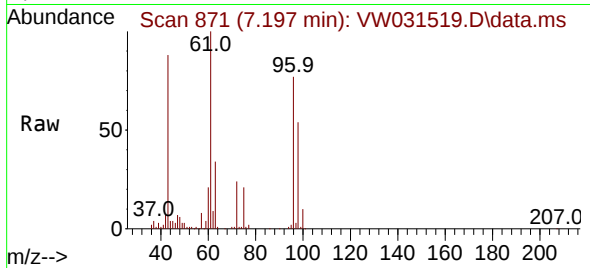




#22
2-Butanone
Concen: 38.074 ug/L
RT: 7.197 min Scan# 81
Delta R.T. -0.012 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

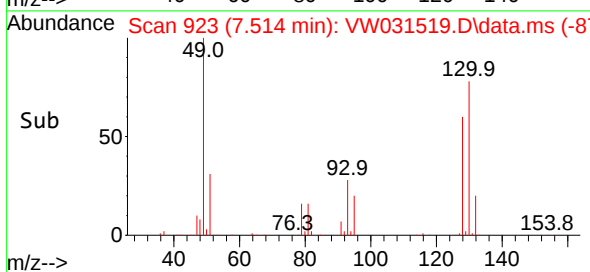
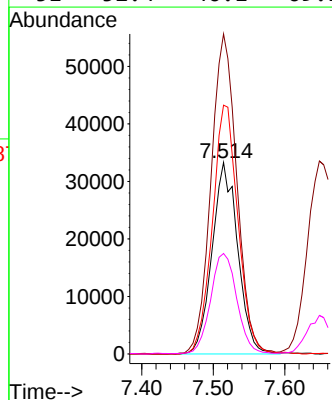
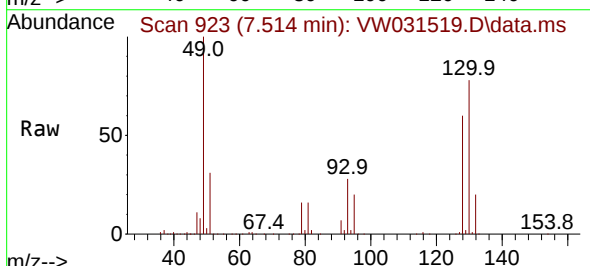
Instrument :
MSVOA_W
ClientSampleId :

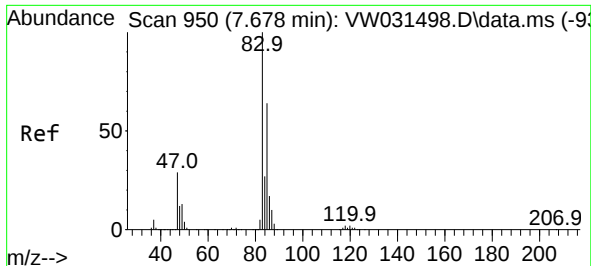
Tgt Ion: 43 Resp: 105392
Ion Ratio Lower Upper
43 100
72 28.1 13.3 39.8



#23
Bromochloromethane
Concen: 25.069 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.012 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion:128 Resp: 82756
Ion Ratio Lower Upper
128 100
49 167.1 123.7 229.7
130 130.0 90.3 167.7
51 52.4 46.1 69.1

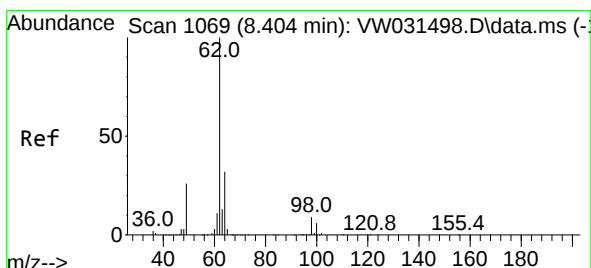
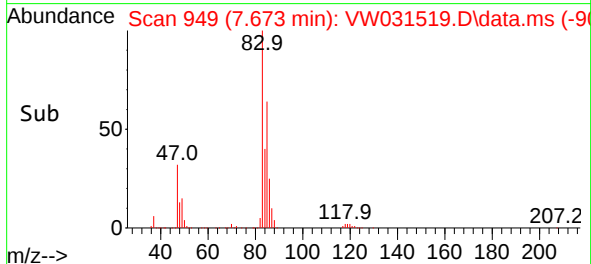
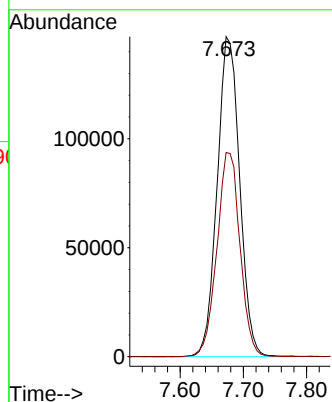
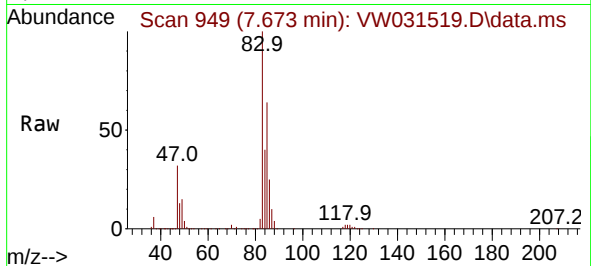




#25
Chloroform
Concen: 25.631 ug/L
RT: 7.673 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

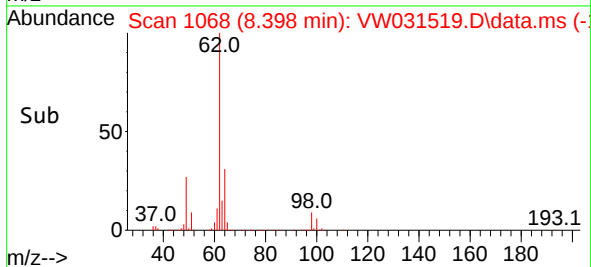
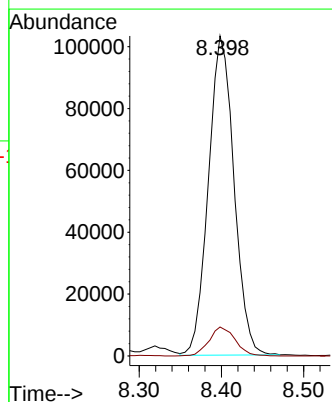
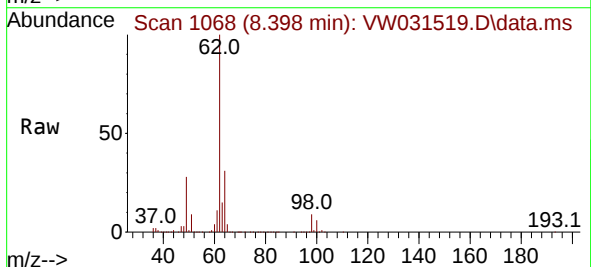
Instrument :
MSVOA_W
ClientSampleId :

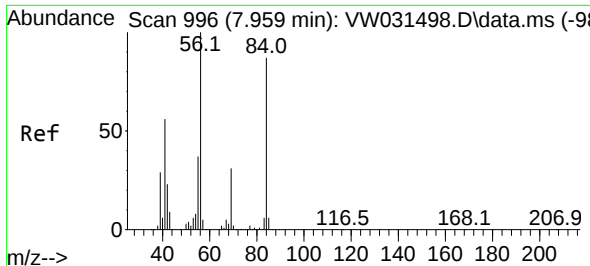
Tgt Ion: 83 Resp: 361623
Ion Ratio Lower Upper
83 100
85 63.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 25.159 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

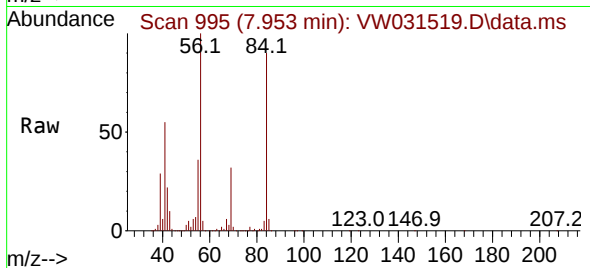
Tgt Ion: 62 Resp: 223160
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8



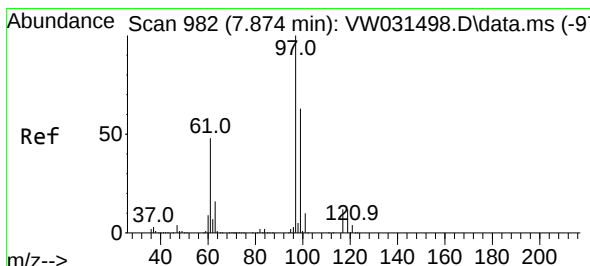
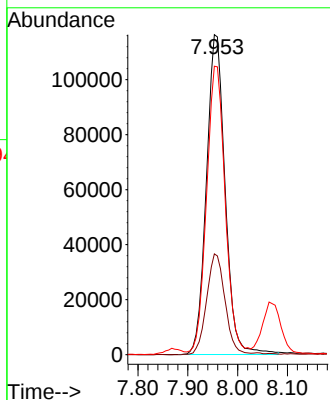
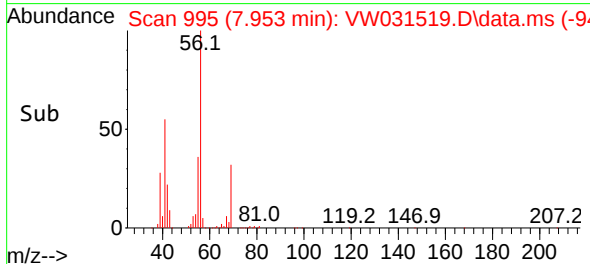


#29
Cyclohexane
Concen: 22.256 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Instrument :
MSVOA_W
ClientSampleId :

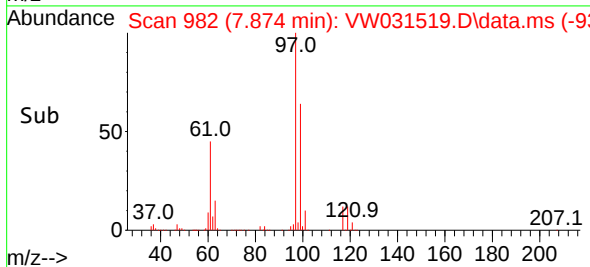
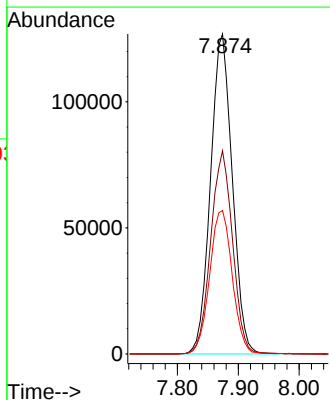
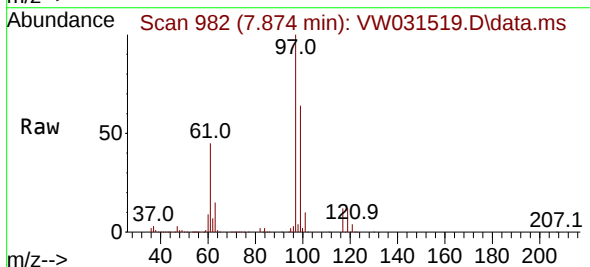


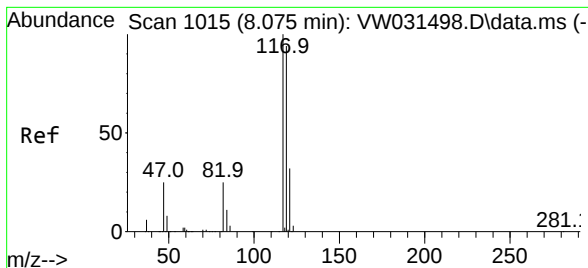
Tgt Ion: 56 Resp: 303763
Ion Ratio Lower Upper
56 100
69 30.9 25.0 37.4
84 89.5 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 24.213 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion: 97 Resp: 314969
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 46.9 36.3 54.5

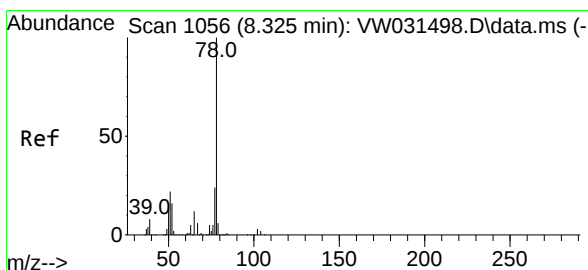
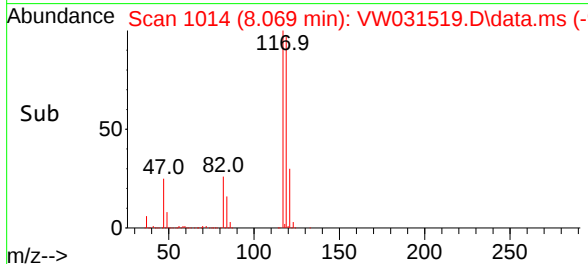
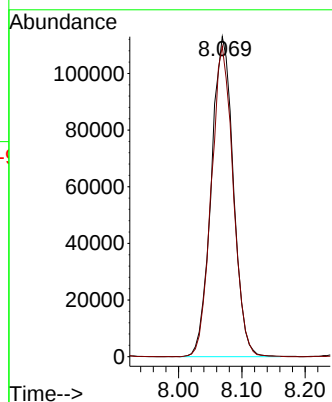
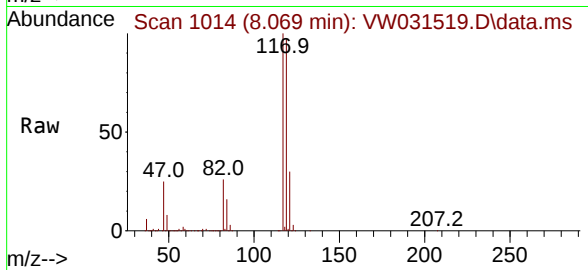




#31
Carbon tetrachloride
Concen: 23.630 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

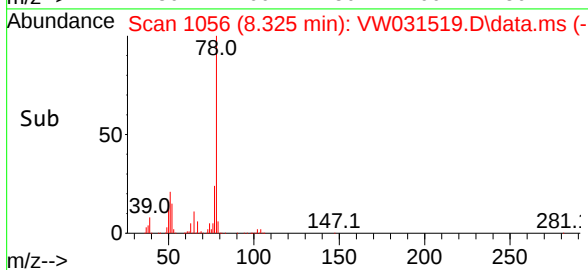
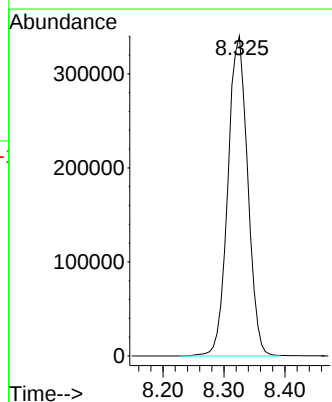
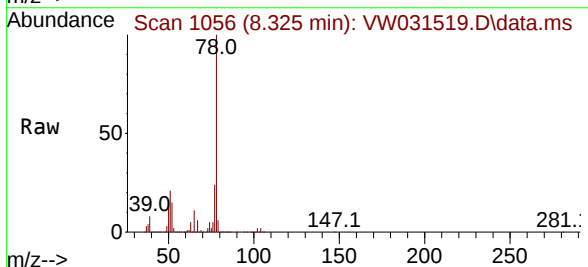
Instrument :
MSVOA_W
ClientSampleId :

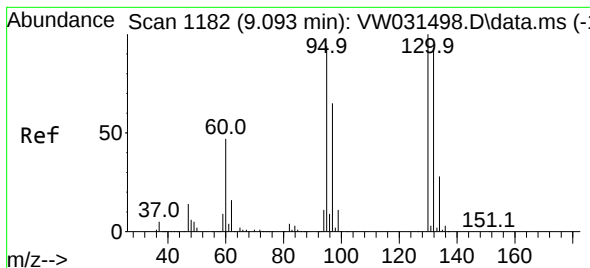
Tgt Ion:117 Resp: 273859
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0



#33
Benzene
Concen: 24.744 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion: 78 Resp: 769578





#34

Trichloroethene

Concen: 24.322 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

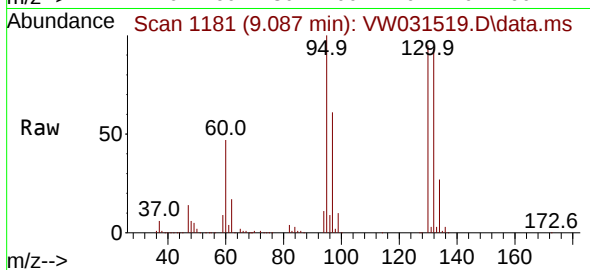
Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

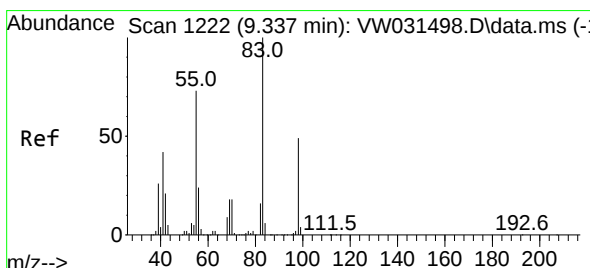
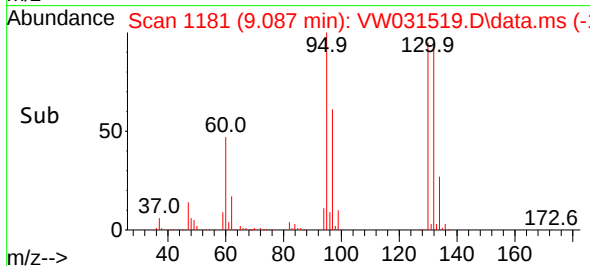
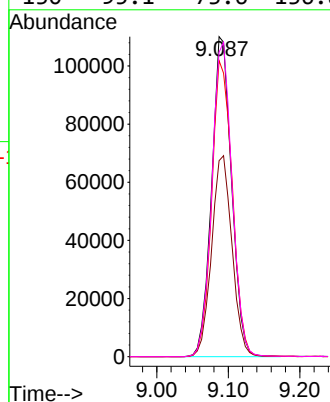
MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 213564

Ion	Ratio	Lower	Upper
95	100		
97	61.2	46.5	86.3
132	92.5	70.3	130.5
130	95.1	73.6	136.8



#35

Methylcyclohexane

Concen: 23.638 ug/L

RT: 9.331 min Scan# 1221

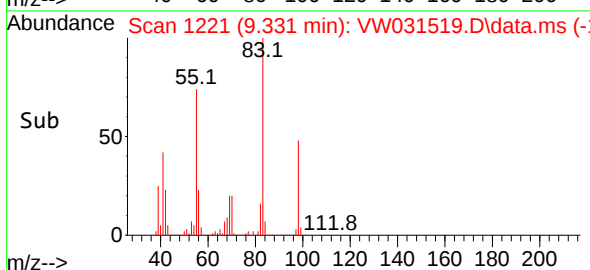
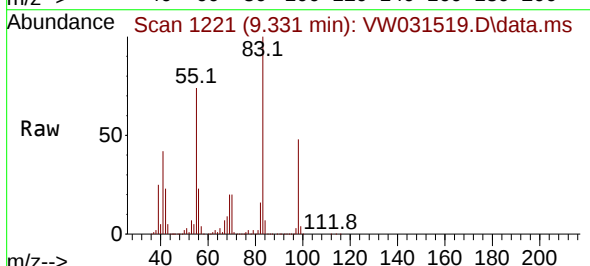
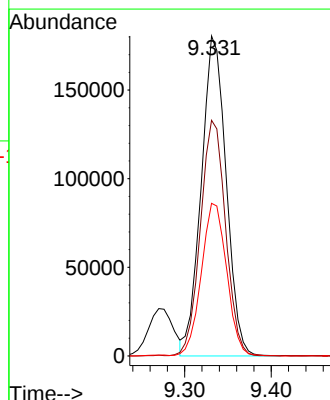
Delta R.T. -0.006 min

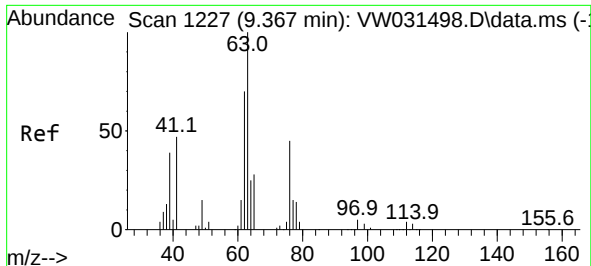
Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Tgt Ion: 83 Resp: 361457

Ion	Ratio	Lower	Upper
83	100		
55	74.1	62.6	93.8
98	48.6	39.8	59.6





#37

1,2-Dichloropropane

Concen: 25.572 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

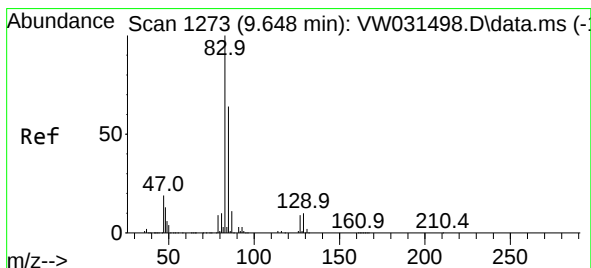
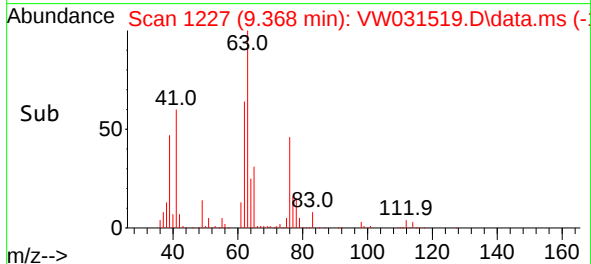
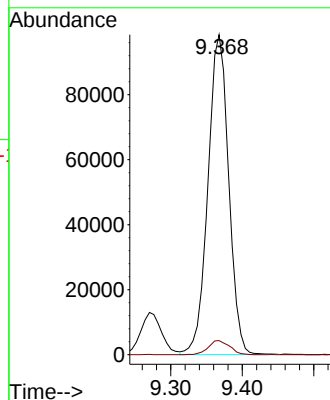
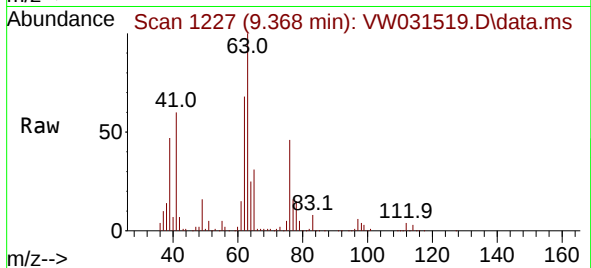
ClientSampleId :

Tgt Ion: 63 Resp: 198408

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 24.703 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

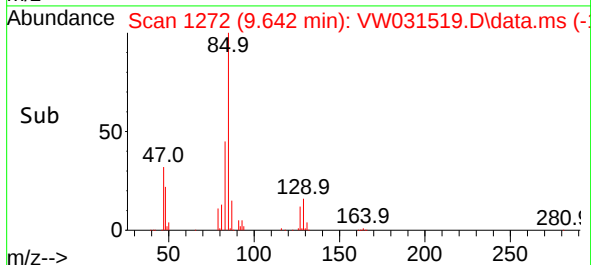
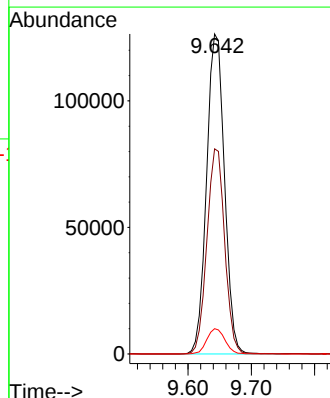
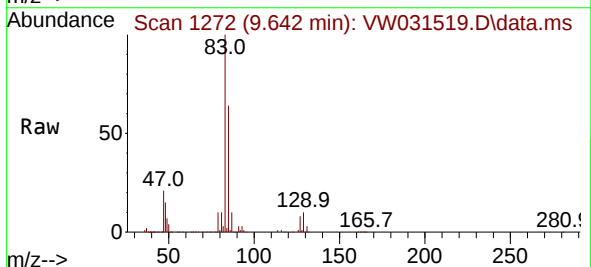
Tgt Ion: 83 Resp: 249178

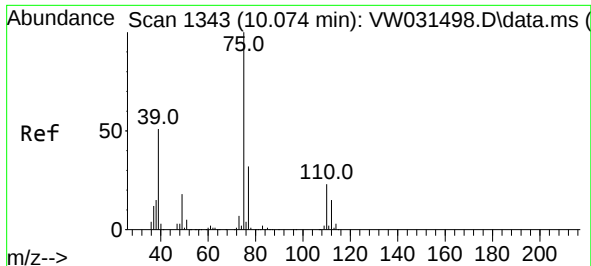
Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.5

127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 23.756 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

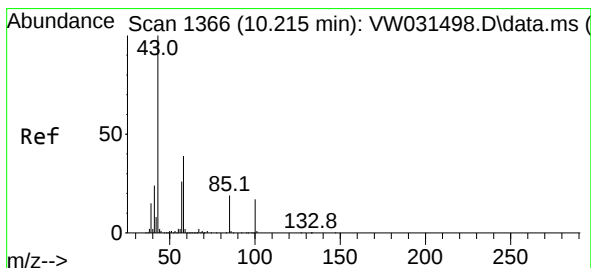
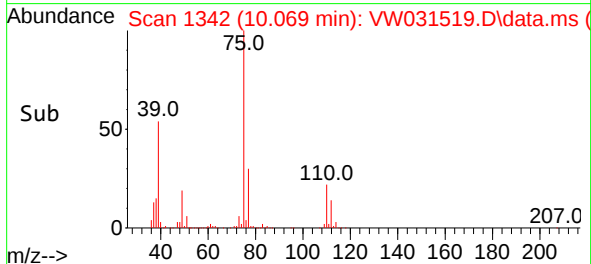
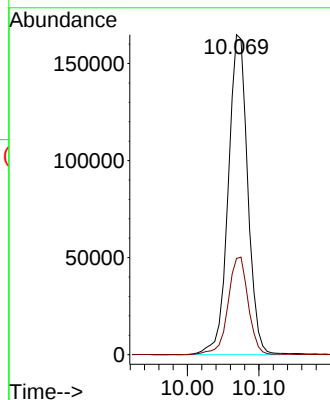
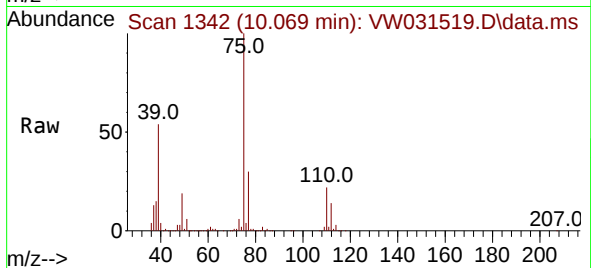
ClientSampleId :

Tgt Ion: 75 Resp: 311465

Ion Ratio Lower Upper

75 100

77 30.0 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 45.068 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

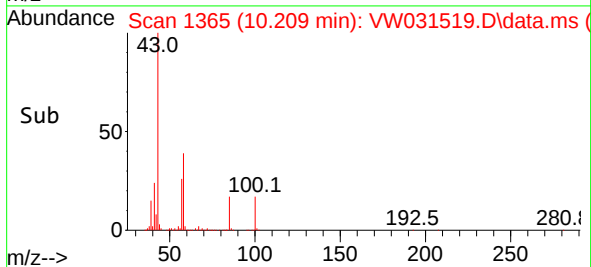
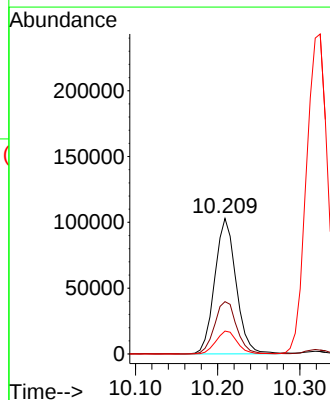
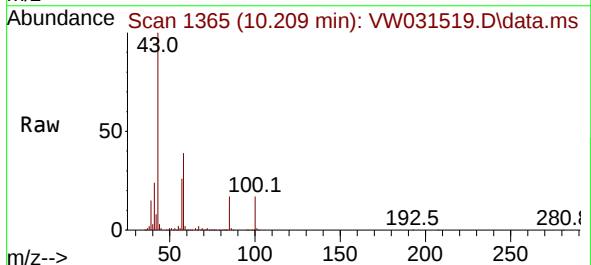
Tgt Ion: 43 Resp: 185517

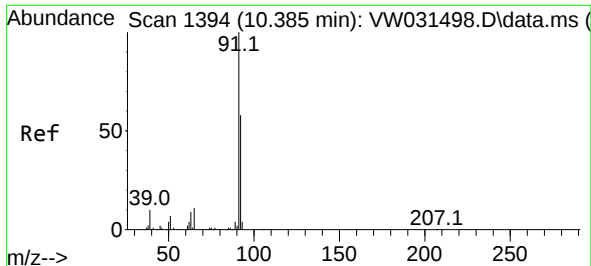
Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7

100 17.0 13.0 19.6

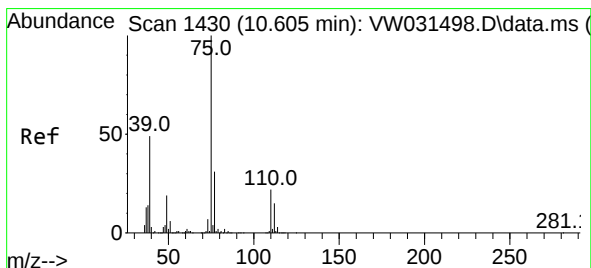
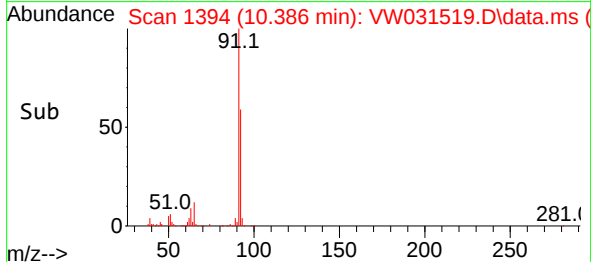
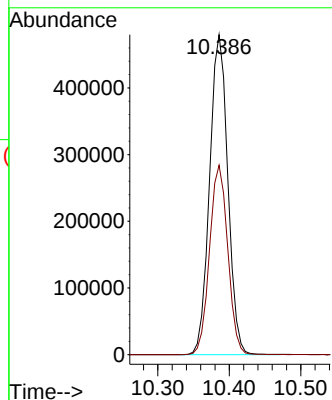
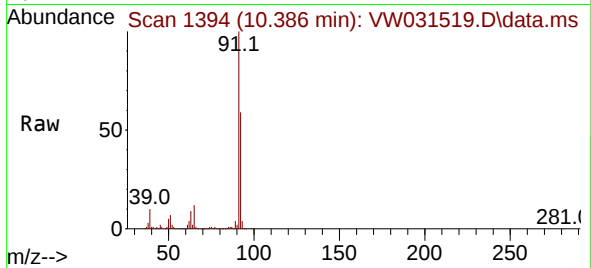




#42
Toluene
Concen: 25.073 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

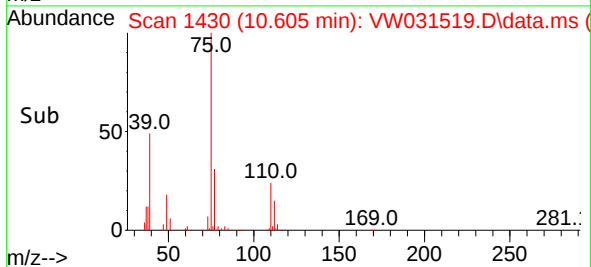
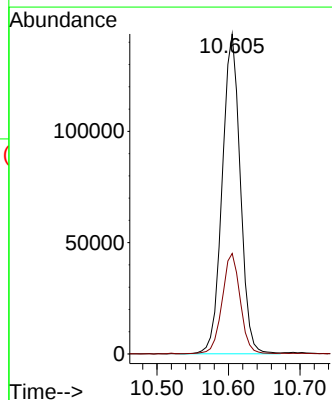
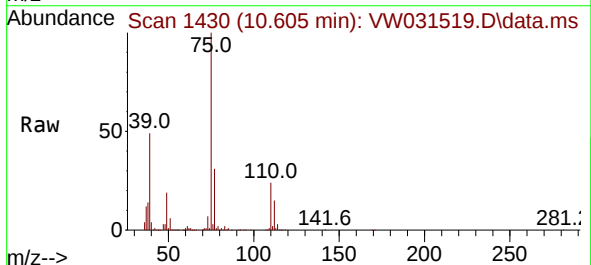
Instrument :
MSVOA_W
ClientSampleId :

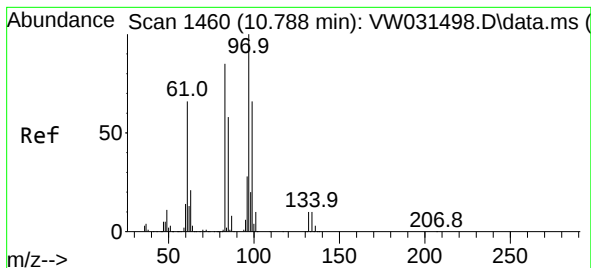
Tgt Ion: 91 Resp: 849022
Ion Ratio Lower Upper
91 100
92 59.2 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 23.536 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion: 75 Resp: 251968
Ion Ratio Lower Upper
75 100
77 31.4 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 26.338 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 135926

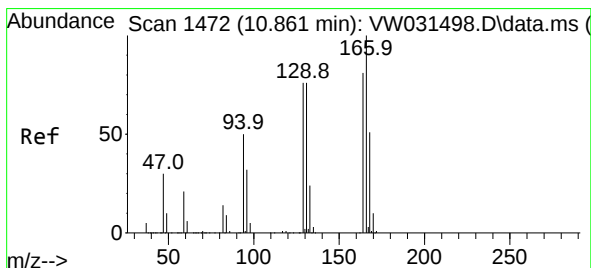
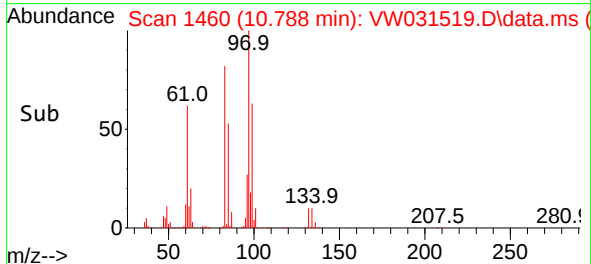
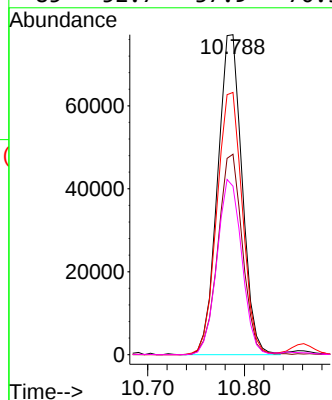
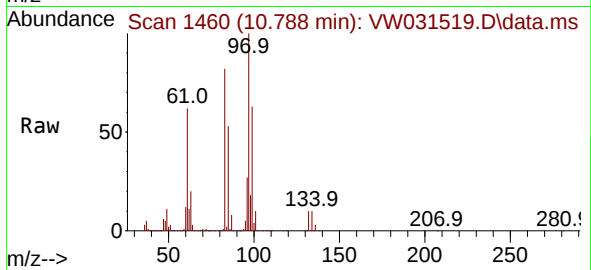
Ion Ratio Lower Upper

97 100

99 62.7 43.0 80.0

83 81.9 56.4 104.7

85 52.7 37.9 70.3



#46

Tetrachloroethene

Concen: 24.720 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Tgt Ion:164 Resp: 158996

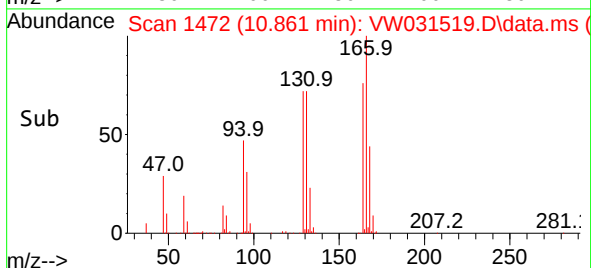
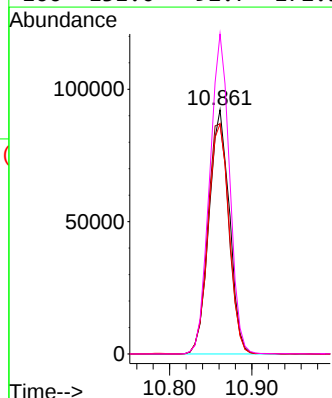
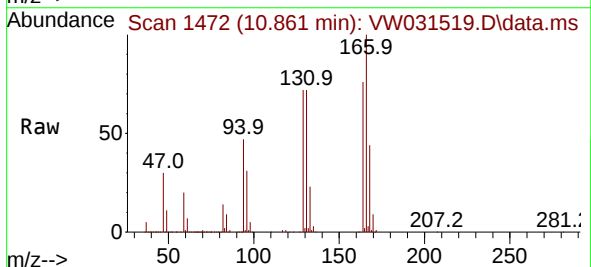
Ion Ratio Lower Upper

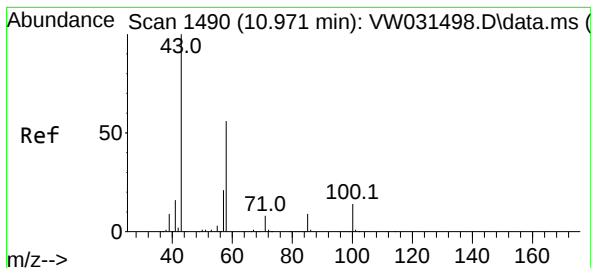
164 100

129 94.3 73.5 136.5

131 94.2 66.6 123.8

166 131.0 92.7 172.3





#48

2-Hexanone

Concen: 43.681 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 152926

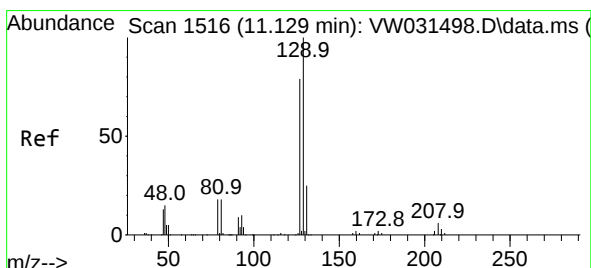
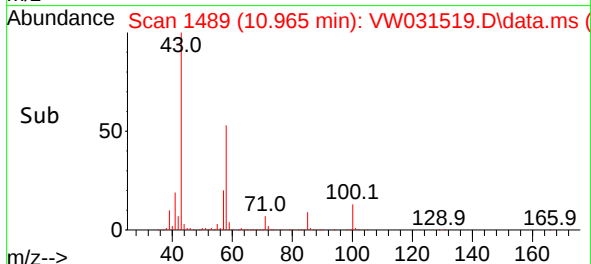
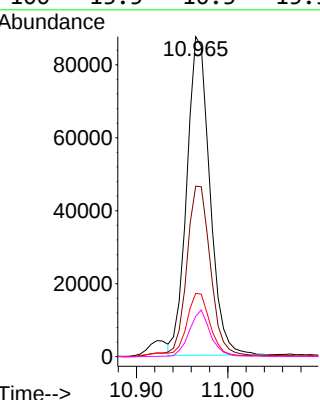
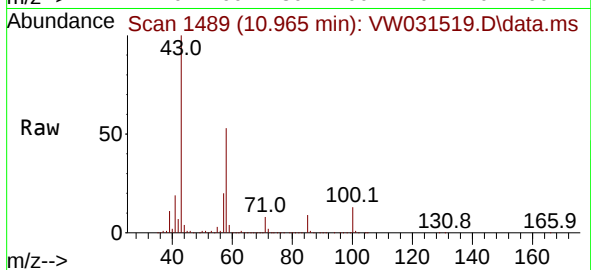
Ion Ratio Lower Upper

43 100

58 56.2 43.0 64.6

57 20.2 15.7 23.5

100 13.5 10.3 15.5



#49

Dibromochloromethane

Concen: 24.569 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW031519.D

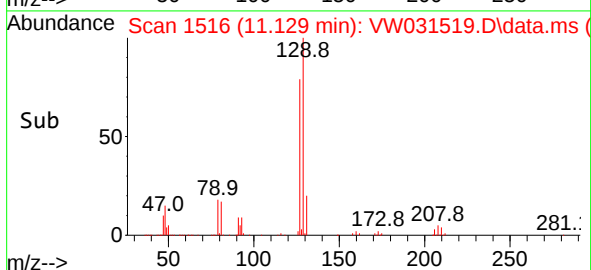
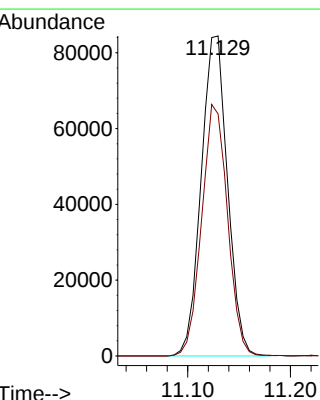
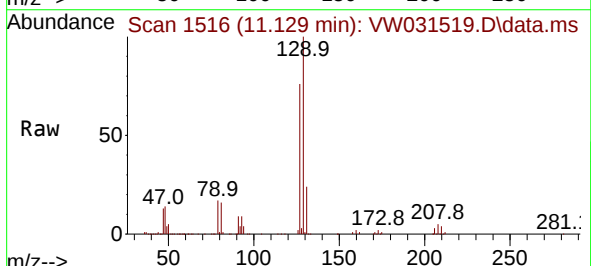
Acq: 26 Dec 2024 10:29

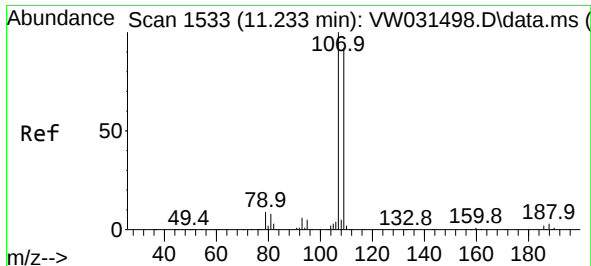
Tgt Ion:129 Resp: 150298

Ion Ratio Lower Upper

129 100

127 75.6 57.6 107.0





#50

1,2-Dibromoethane

Concen: 25.484 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

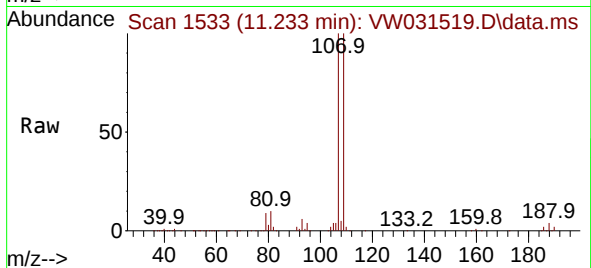
Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

ClientSampleId :



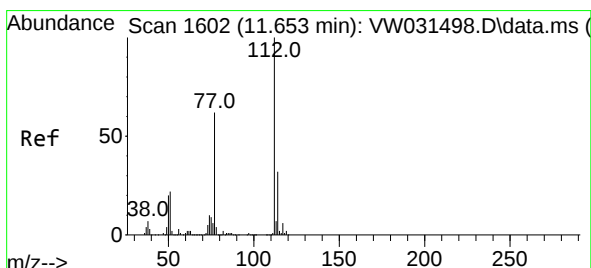
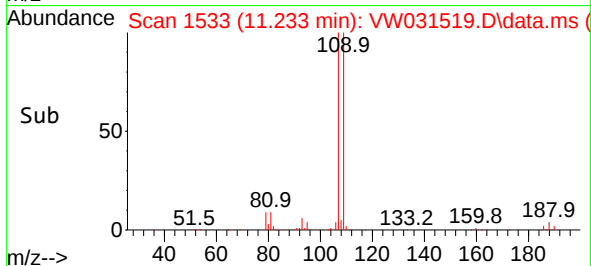
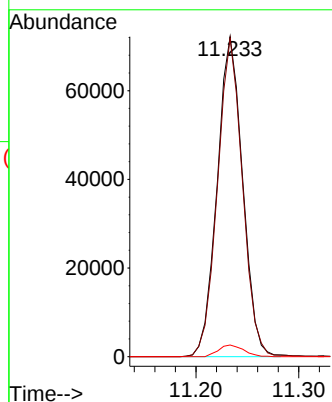
Tgt Ion:107 Resp: 124587

Ion Ratio Lower Upper

107 100

109 99.5 63.2 117.4

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 25.651 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

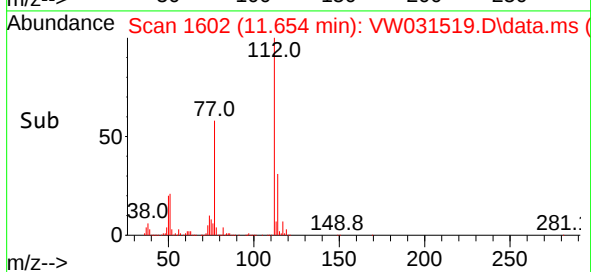
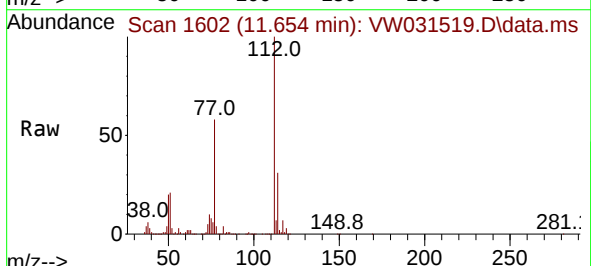
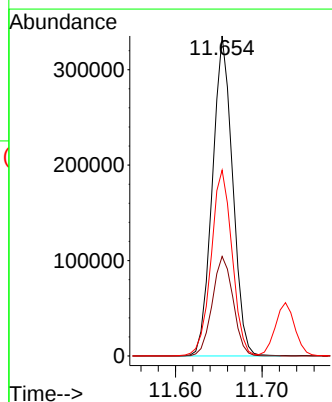
Tgt Ion:112 Resp: 544592

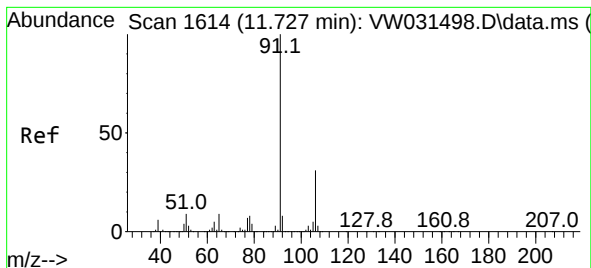
Ion Ratio Lower Upper

112 100

114 31.1 22.7 42.3

77 58.0 50.2 75.4

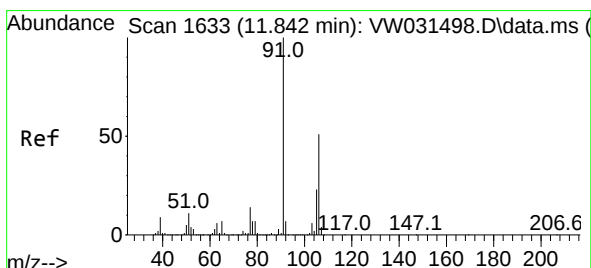
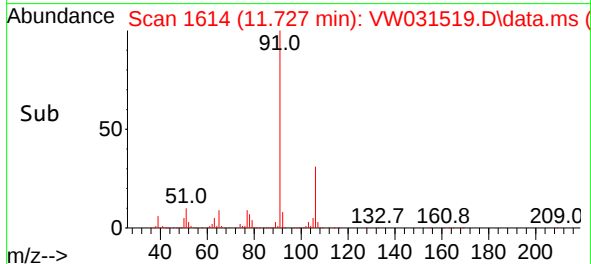
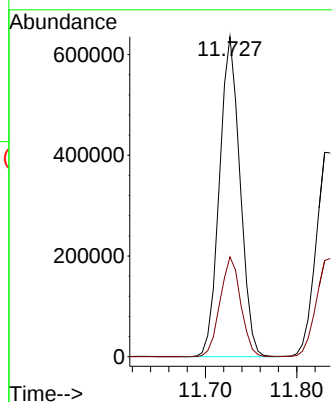
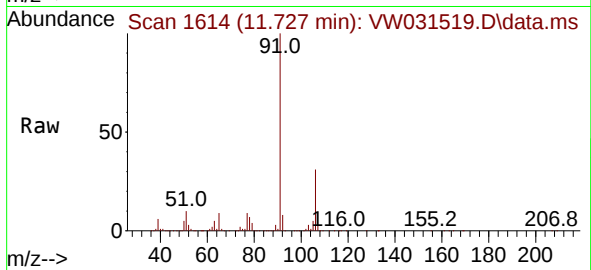




#52
Ethylbenzene
Concen: 25.391 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

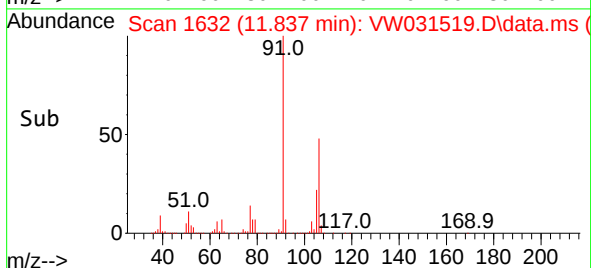
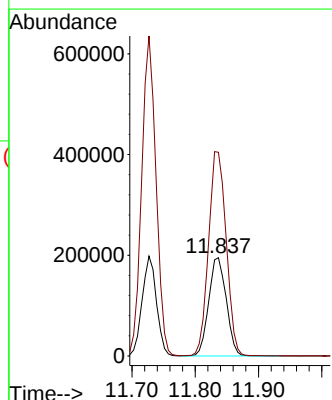
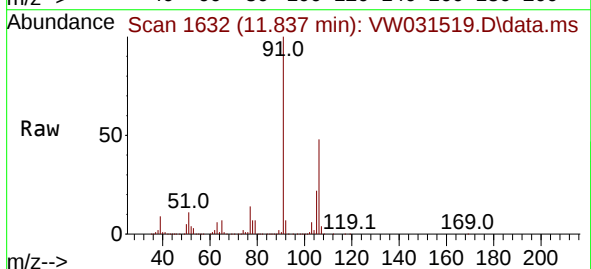
Instrument :
MSVOA_W
ClientSampleId :

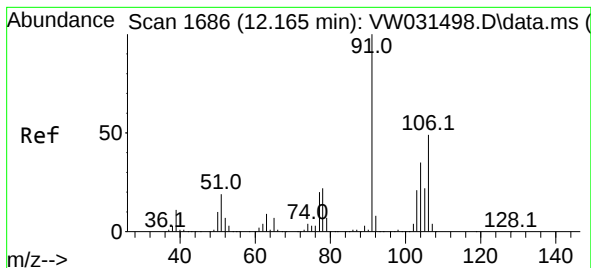
Tgt Ion: 91 Resp: 996481
Ion Ratio Lower Upper
91 100
106 31.2 20.7 38.5



#53
m,p-Xylene
Concen: 25.186 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion:106 Resp: 376283
Ion Ratio Lower Upper
106 100
91 207.3 139.9 259.7





#54

o-Xylene

Concen: 25.237 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

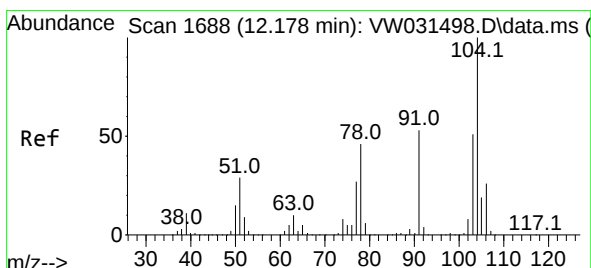
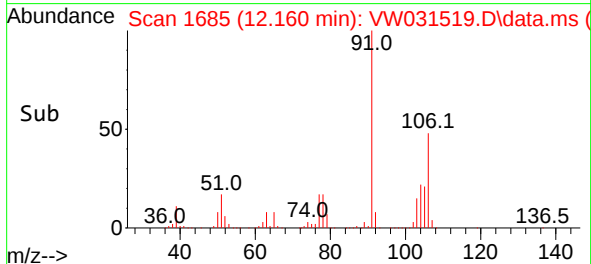
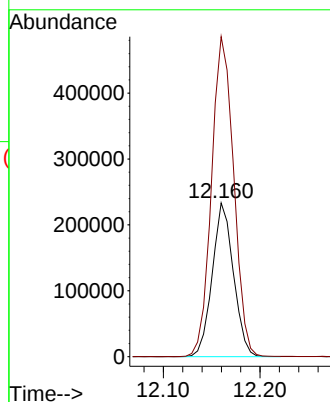
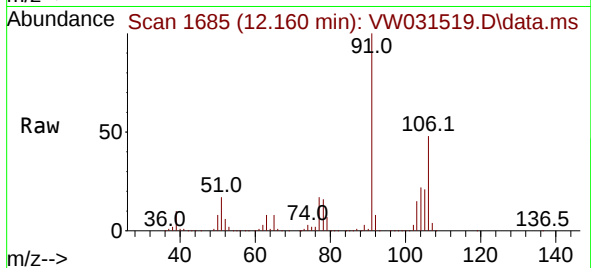
ClientSampleId :

Tgt Ion:106 Resp: 355342

Ion Ratio Lower Upper

106 100

91 208.1 153.1 284.3



#55

Styrene

Concen: 26.055 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031519.D

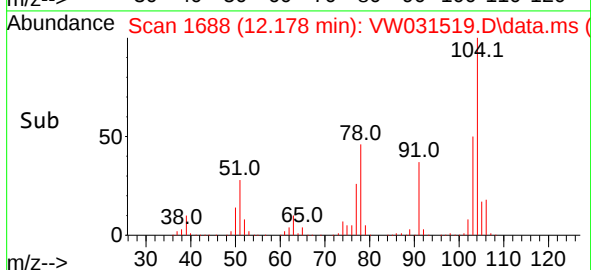
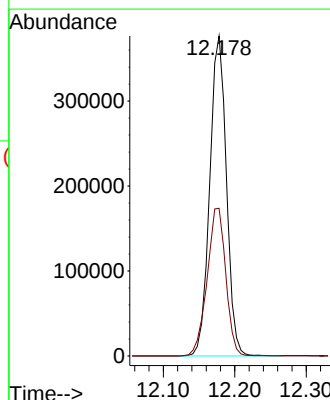
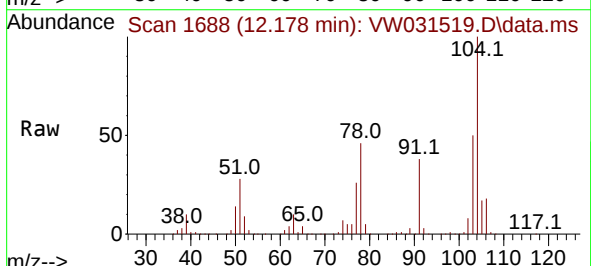
Acq: 26 Dec 2024 10:29

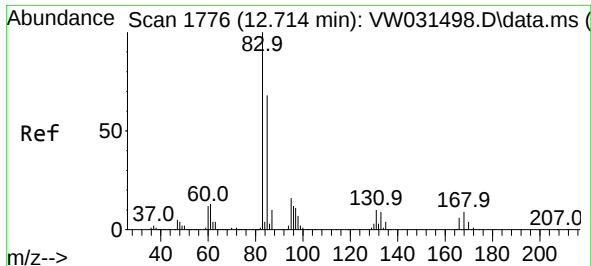
Tgt Ion:104 Resp: 610227

Ion Ratio Lower Upper

104 100

78 46.1 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 26.591 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

ClientSampleId :

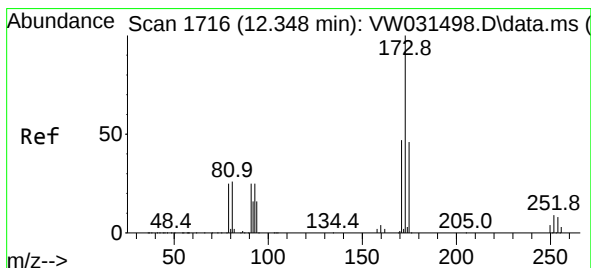
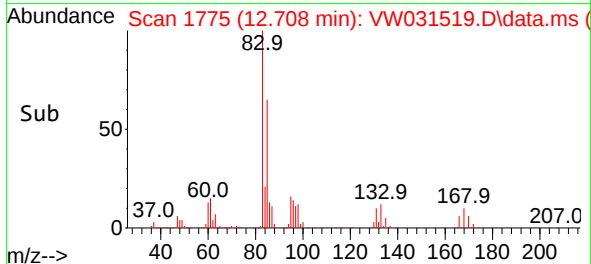
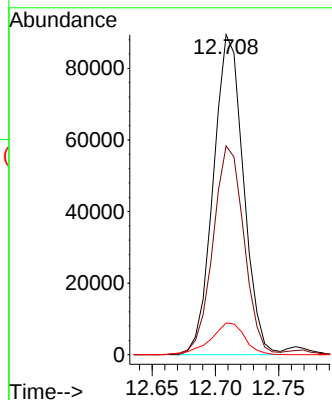
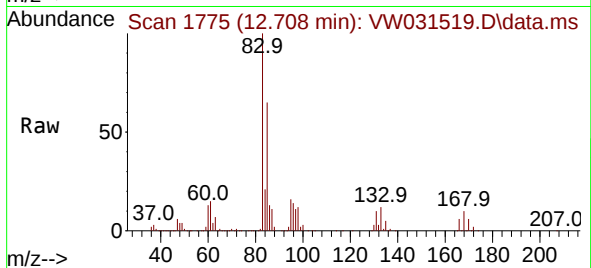
Tgt Ion: 83 Resp: 147936

Ion Ratio Lower Upper

83 100

85 65.3 44.1 81.9

131 9.9 7.9 11.9



#59

Bromoform

Concen: 21.917 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

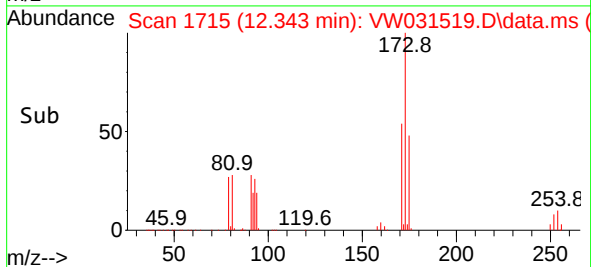
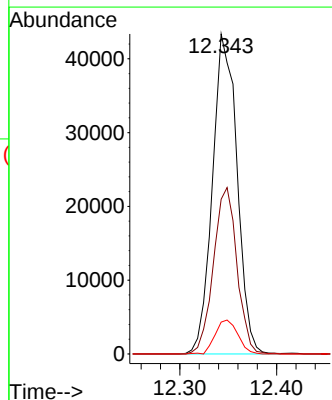
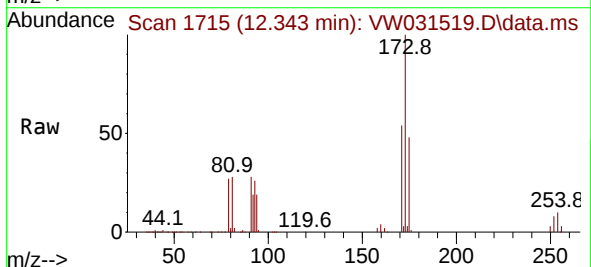
Tgt Ion:173 Resp: 76393

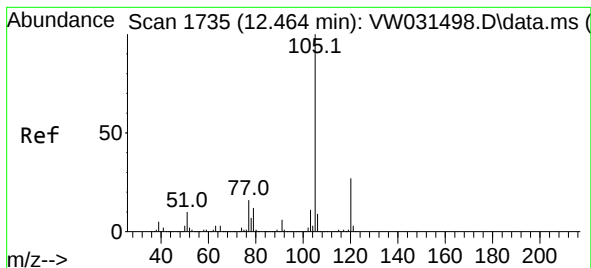
Ion Ratio Lower Upper

173 100

175 49.7 38.6 57.8

254 9.7 7.6 11.4





#60

Isopropylbenzene

Concen: 25.755 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

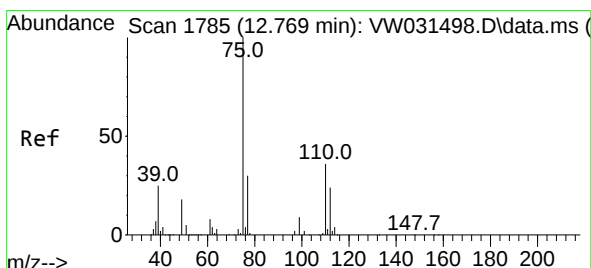
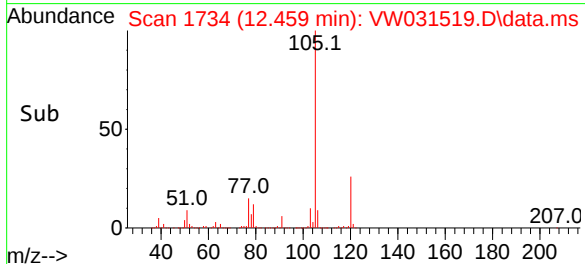
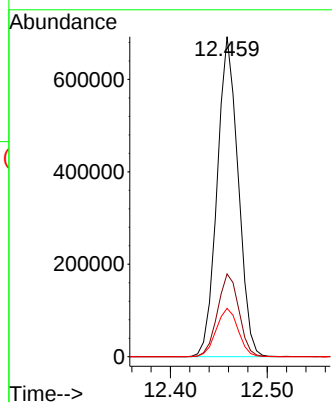
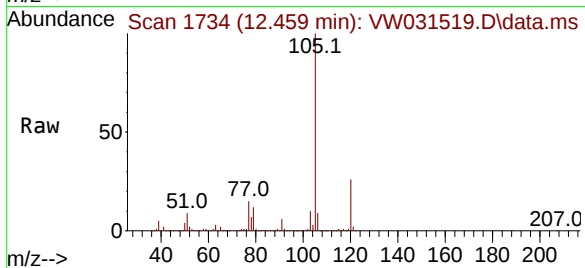
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105 Resp: 1045704

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	31.0
77	15.7	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 25.259 ug/L

RT: 12.763 min Scan# 1784

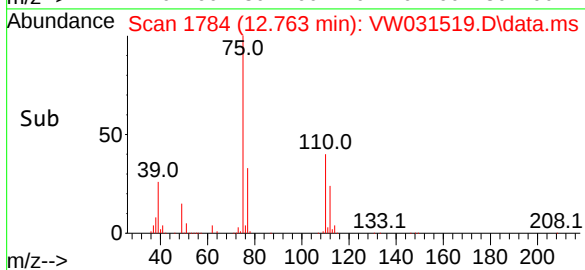
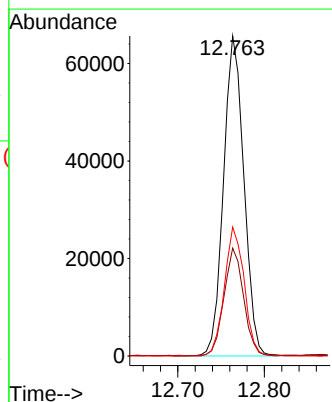
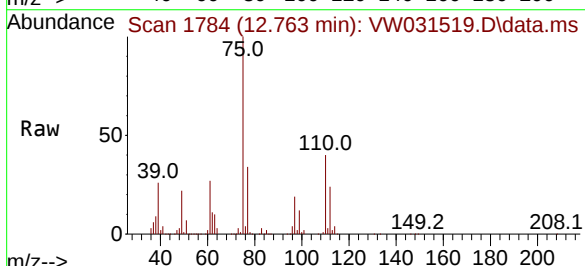
Delta R.T. -0.006 min

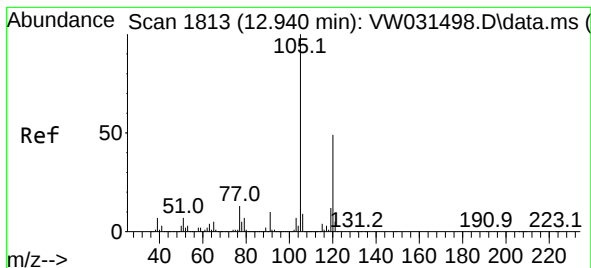
Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Tgt Ion: 75 Resp: 107237

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
110	39.0	31.2	46.8

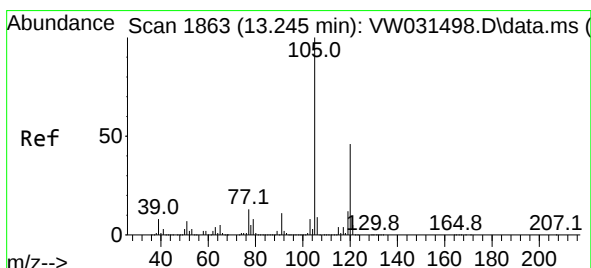
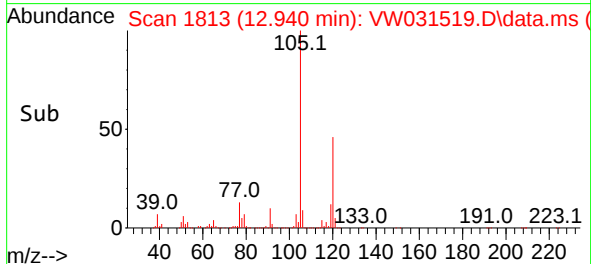
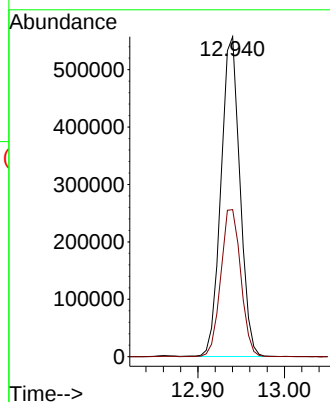
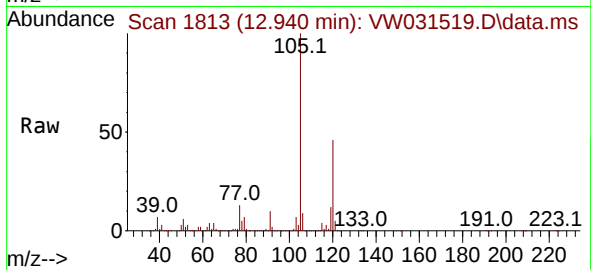




#62
1,3,5-Trimethylbenzene
Concen: 24.592 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

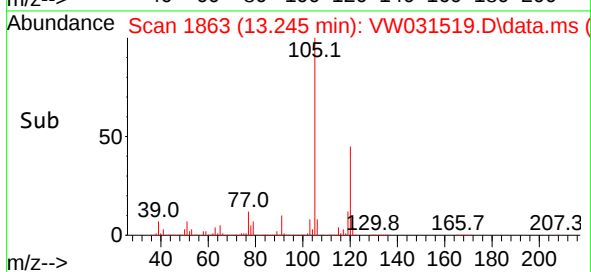
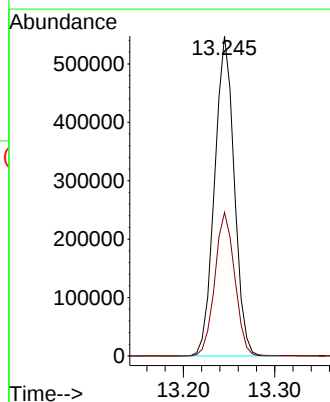
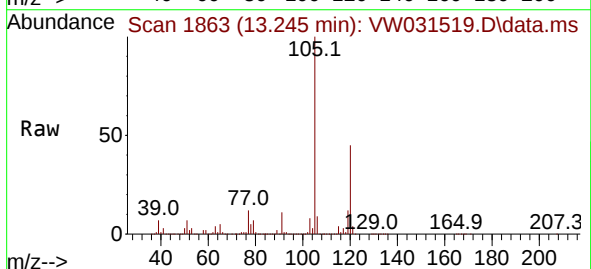
Instrument :
MSVOA_W
ClientSampleId :

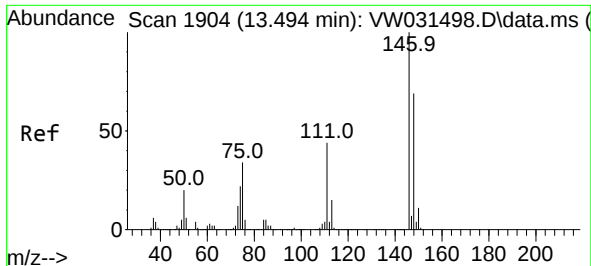
Tgt Ion:105 Resp: 846538
Ion Ratio Lower Upper
105 100
120 48.6 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 24.630 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion:105 Resp: 819437
Ion Ratio Lower Upper
105 100
120 45.2 35.0 52.4

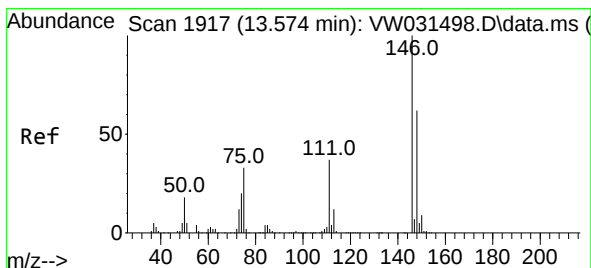
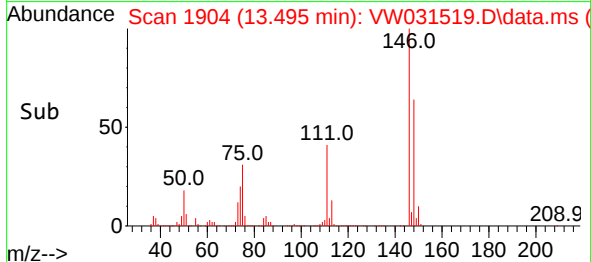
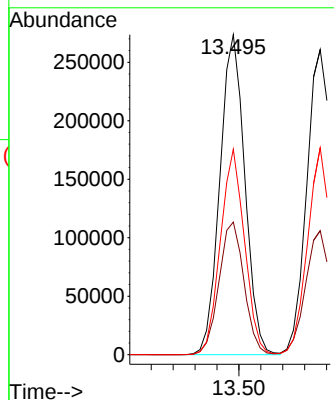
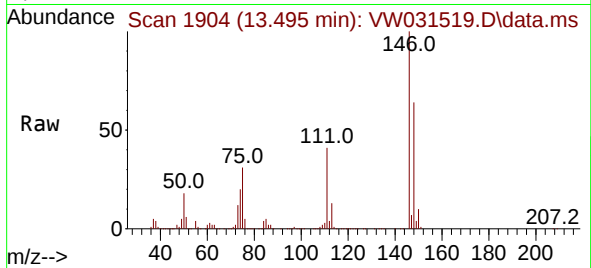




#64
1,3-Dichlorobenzene
Concen: 26.309 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

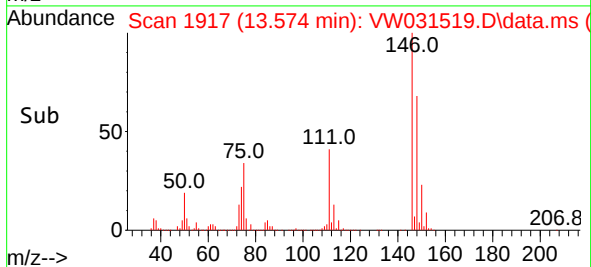
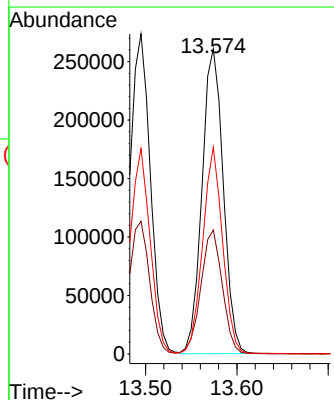
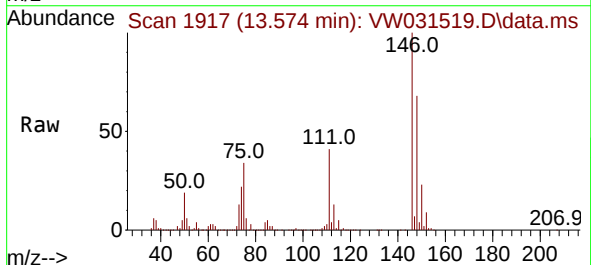
Instrument :
MSVOA_W
ClientSampleId :

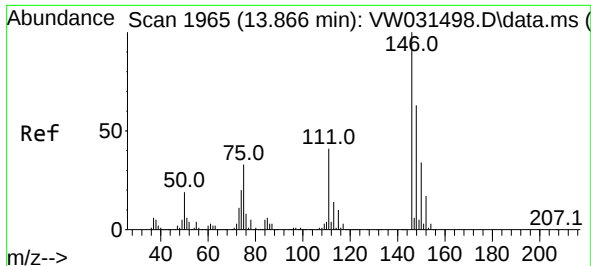
Tgt Ion:146 Resp: 432784
Ion Ratio Lower Upper
146 100
111 41.5 27.6 51.2
148 64.2 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 25.868 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

Tgt Ion:146 Resp: 421625
Ion Ratio Lower Upper
146 100
111 40.6 30.7 56.9
148 67.8 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 25.175 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

ClientSampleId :

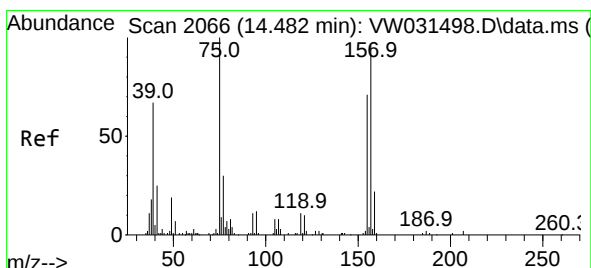
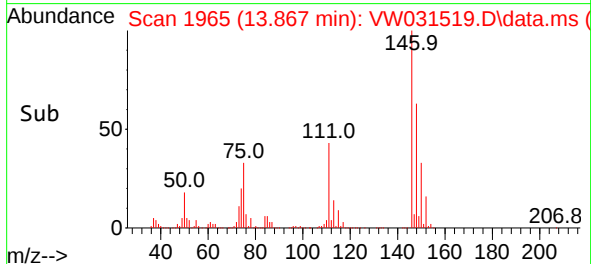
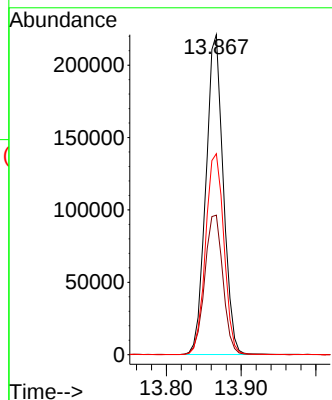
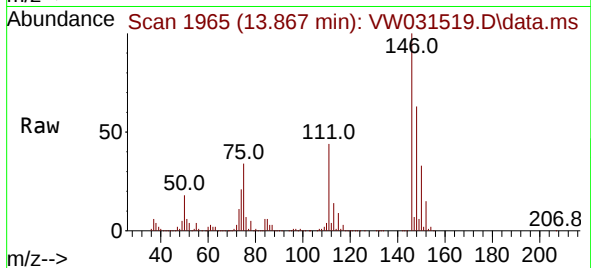
Tgt Ion:146 Resp: 356831

Ion Ratio Lower Upper

146 100

111 43.6 38.6 58.0

148 62.8 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 21.373 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

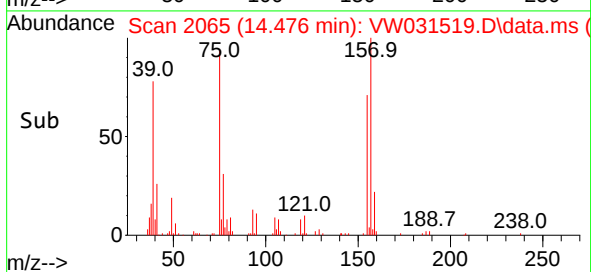
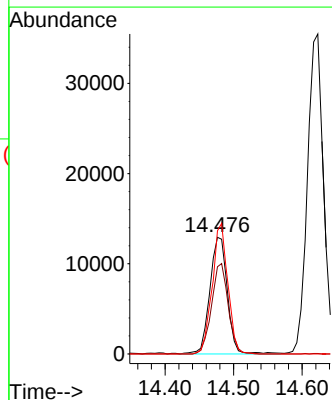
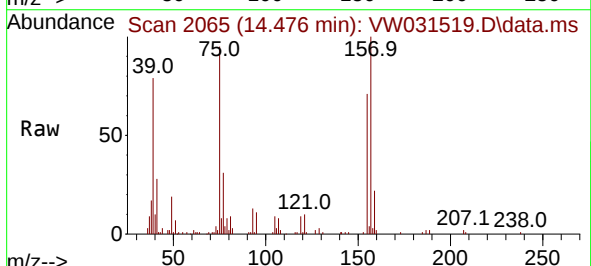
Tgt Ion: 75 Resp: 23027

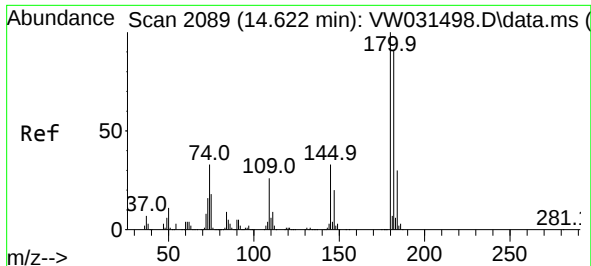
Ion Ratio Lower Upper

75 100

155 74.7 56.6 85.0

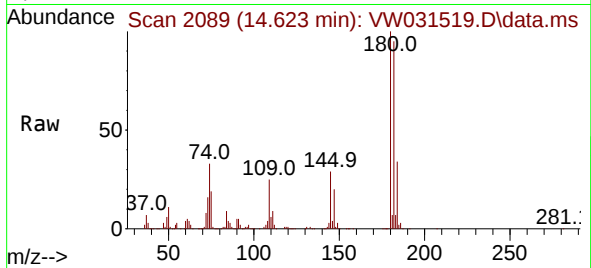
157 105.7 71.2 106.8



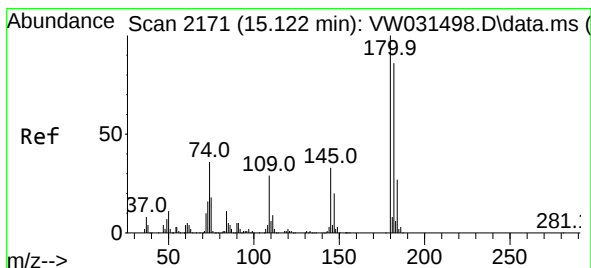
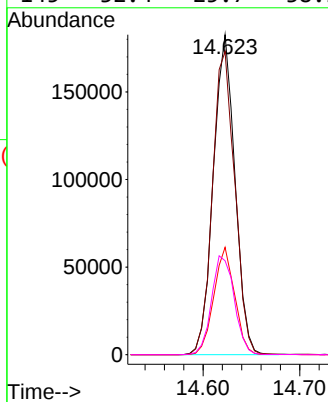
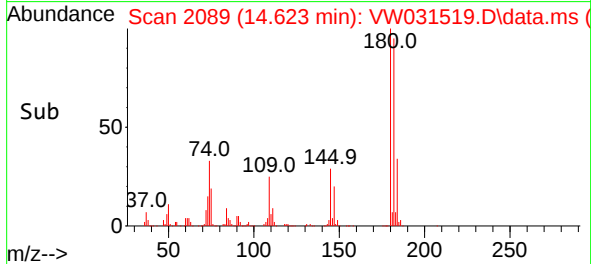


#69
1,3,5-Trichlorobenzene
Concen: 24.616 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29

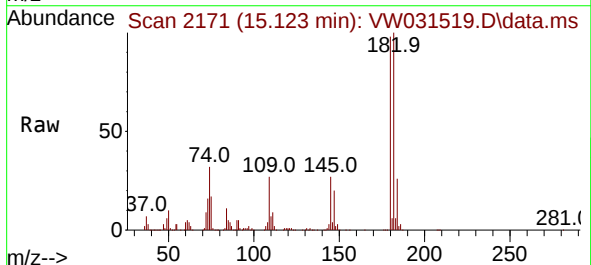
Instrument :
MSVOA_W
ClientSampleId :



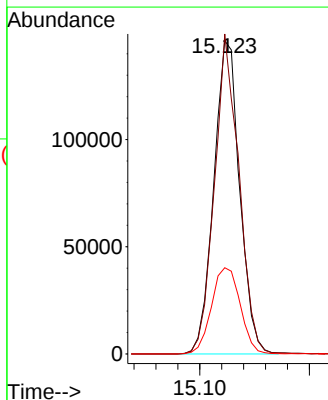
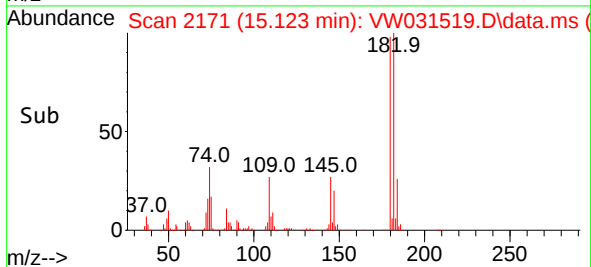
Tgt Ion:180 Resp: 283598
Ion Ratio Lower Upper
180 100
182 97.8 75.0 112.4
184 32.3 24.6 36.8
145 32.4 25.7 38.5

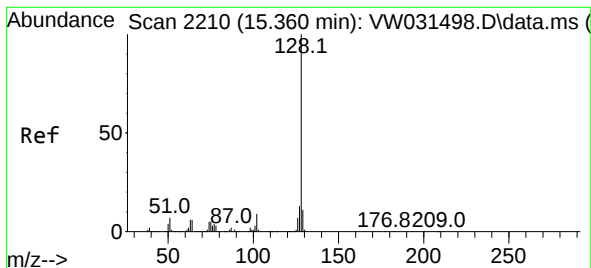


#70
1,2,4-trichlorobenzene
Concen: 25.001 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031519.D
Acq: 26 Dec 2024 10:29



Tgt Ion:180 Resp: 239604
Ion Ratio Lower Upper
180 100
182 96.6 78.2 117.2
145 30.6 26.7 40.1





#71

Naphthalene

Concen: 24.828 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Instrument :

MSVOA_W

ClientSampleId :

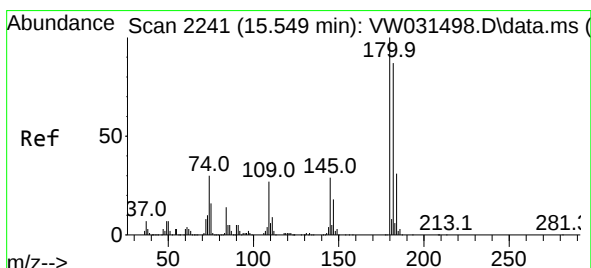
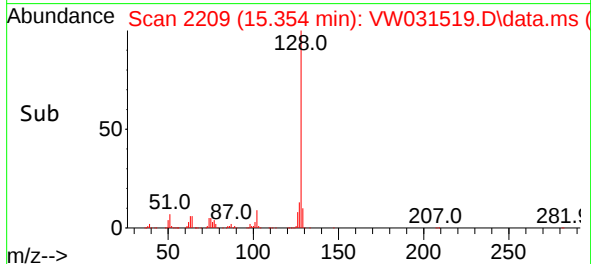
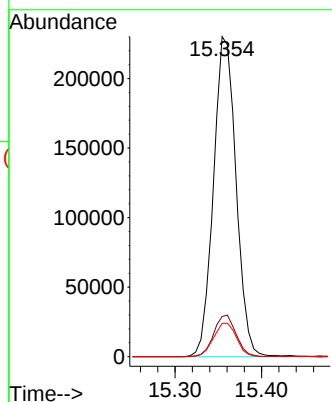
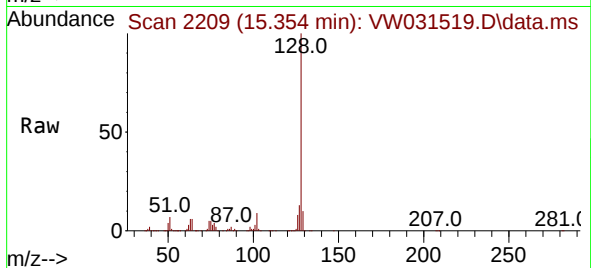
Tgt Ion:128 Resp: 417171

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.037 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031519.D

Acq: 26 Dec 2024 10:29

Tgt Ion:180 Resp: 193323

Ion Ratio Lower Upper

180 100

182 91.8 75.0 112.4

145 34.7 27.8 41.6

