

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031539.D
 Acq On : 26 Dec 2024 19:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:29:55 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	8.837	114	559572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	510100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	250909	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	171097	20.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
7) Chloroethane-d5	2.893	69	150154	24.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	4.015	65	79989	20.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.120%
21) 2-Butanone-d5	7.100	46	102817	64.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.680%
24) Chloroform-d	7.648	84	399930	26.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.360%
26) 1,2-Dichloroethane-d4	8.307	65	217778	28.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.120%
32) Benzene-d6	8.270	84	749339	22.919	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.680%
36) 1,2-Dichloropropane-d6	9.270	67	229996	24.137	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.560%
41) Toluene-d8	10.319	98	675302	22.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	10.575	79	97157	22.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.440%
47) 2-Hexanone-d5	10.922	63	81385	63.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	195082	32.607	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	248118	26.637	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	111132	21.975	ug/L	98
3) Chloromethane	2.216	50	131162	23.086	ug/L	98
5) Vinyl chloride	2.369	62	207239	26.321	ug/L	97
6) Bromomethane	2.789	94	139998	28.922	ug/L	99
8) Chloroethane	2.930	64	139942	29.887	ug/L	99
9) Trichlorofluoromethane	3.265	101	207805	24.775	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	177333	26.182	ug/L	96
12) 1,1-Dichloroethene	4.039	96	174460	25.432	ug/L	86
13) Acetone	4.179	43	89060	40.332	ug/L #	100
14) Carbon disulfide	4.387	76	445484	19.912	ug/L	100
15) Methyl Acetate	4.692	43	74916	29.871	ug/L	97
16) Methylene chloride	4.917	84	199871	28.388	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	198734	26.876	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	382457	30.939	ug/L	99
19) 1,1-Dichloroethane	6.216	63	386175	27.948	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	228871	28.608	ug/L	99
22) 2-Butanone	7.191	43	116818	43.661	ug/L	94
23) Bromochloromethane	7.520	128	97334	30.506	ug/L	84
25) Chloroform	7.673	83	402396	29.507	ug/L	96

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 Response via : Initial Calibration

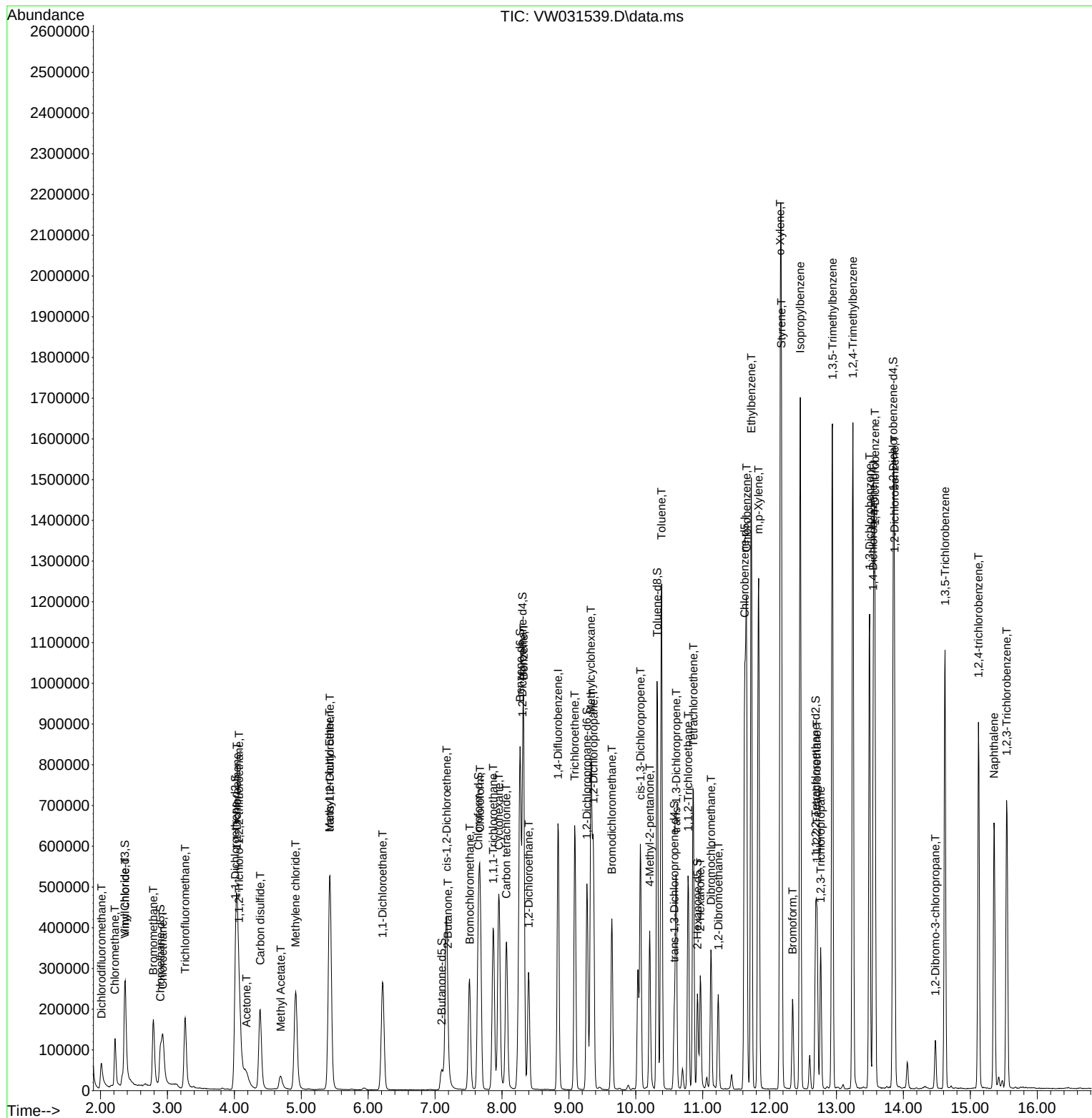
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	269218	31.401	ug/L	100
29) Cyclohexane	7.953	56	291984	21.107	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	326564	24.769	ug/L	99
31) Carbon tetrachloride	8.063	117	277353	23.612	ug/L	100
33) Benzene	8.325	78	832608	26.413	ug/L	100
34) Trichloroethene	9.087	95	226253	25.423	ug/L	94
35) Methylcyclohexane	9.331	83	348423	22.481	ug/L	96
37) 1,2-Dichloropropane	9.368	63	218896	27.835	ug/L	100
38) Bromodichloromethane	9.642	83	278929	27.283	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	348521	26.227	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	248371	59.531	ug/L	98
42) Toluene	10.386	91	912125	26.577	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	291441	26.860	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	165009	31.546	ug/L	95
46) Tetrachloroethene	10.861	164	166574	25.552	ug/L	95
48) 2-Hexanone	10.965	43	173952	49.023	ug/L	97
49) Dibromochloromethane	11.123	129	178543	28.796	ug/L	89
50) 1,2-Dibromoethane	11.233	107	154200	31.120	ug/L	89
51) Chlorobenzene	11.654	112	604851	28.108	ug/L	96
52) Ethylbenzene	11.727	91	1062160	26.703	ug/L	98
53) m,p-Xylene	11.837	106	406520	26.846	ug/L	99
54) o-Xylene	12.160	106	390912	27.392	ug/L	99
55) Styrene	12.178	104	676626	28.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	192167	34.080	ug/L	99
59) Bromoform	12.343	173	96304	27.321	ug/L	99
60) Isopropylbenzene	12.458	105	1093378	26.629	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	138699	32.305	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	905945	26.024	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	893628	26.560	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	477888	28.726	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	480119	29.128	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	422147	29.451	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31063	28.510	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	320034	27.468	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	268028	27.655	ug/L	98
71) Naphthalene	15.354	128	566666	33.349	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	239291	30.644	ug/L	98

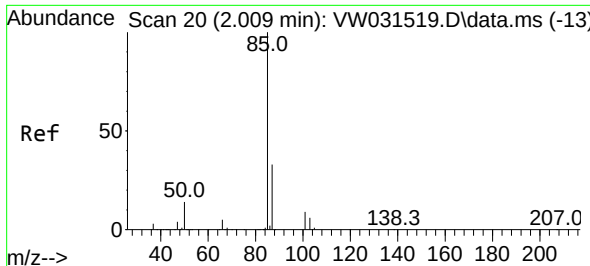
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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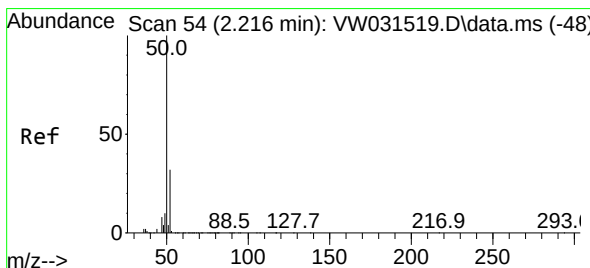
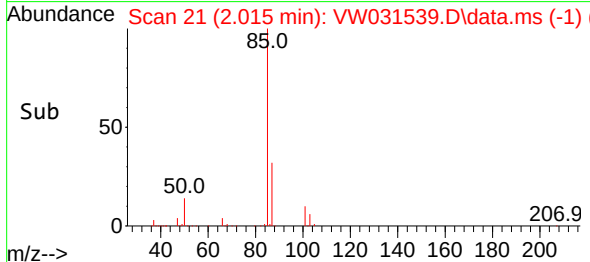
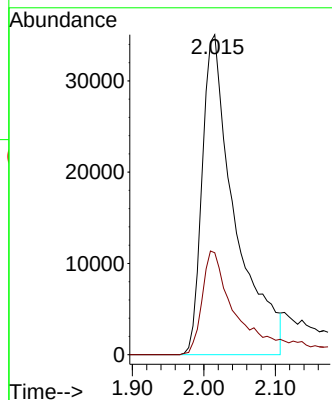
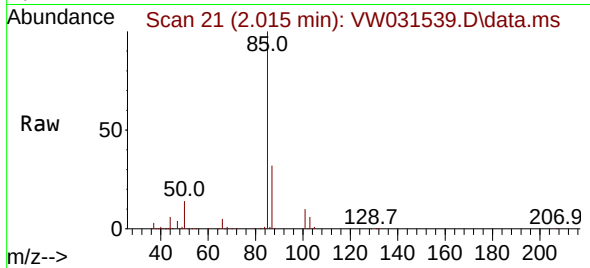




#2
Dichlorodifluoromethane
Concen: 21.975 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

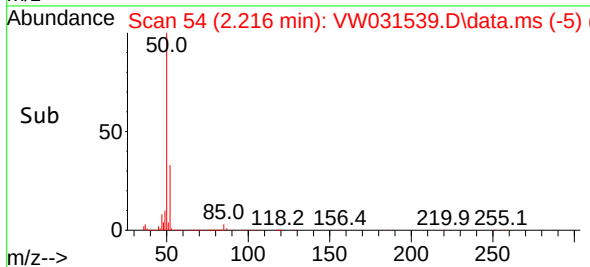
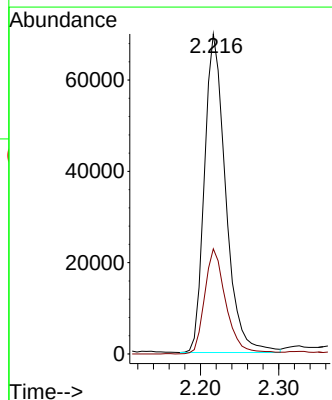
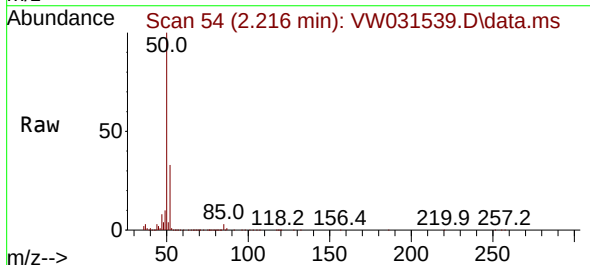
Instrument :
MSVOA_W
ClientSampleId :

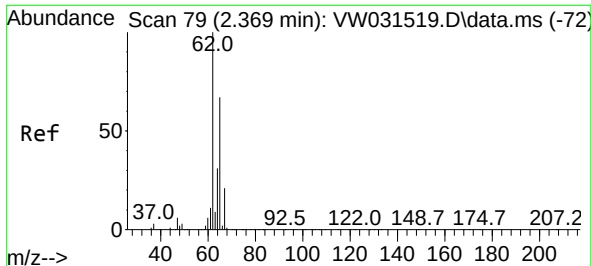
Tgt Ion: 85 Resp: 111132
Ion Ratio Lower Upper
85 100
87 30.0 24.9 37.3



#3
Chloromethane
Concen: 23.086 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

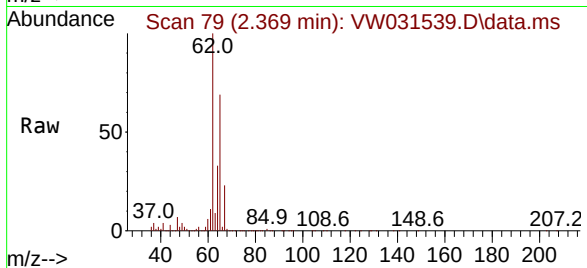
Tgt Ion: 50 Resp: 131162
Ion Ratio Lower Upper
50 100
52 32.8 22.0 41.0



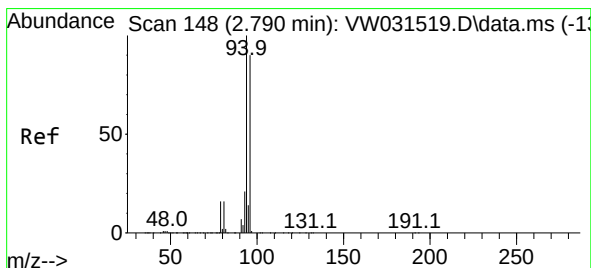
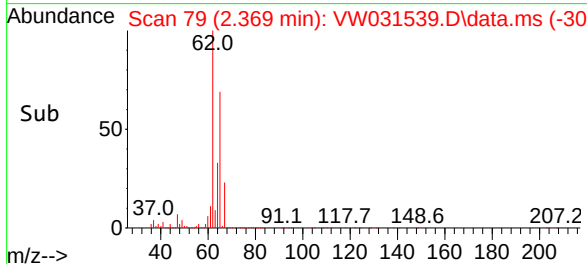
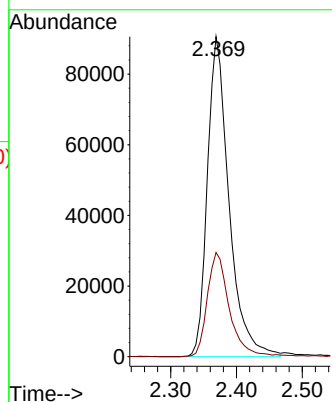


#5
 Vinyl chloride
 Concen: 26.321 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031539.D
 Acq: 26 Dec 2024 19:23

Instrument :
 MSVOA_W
 ClientSampleId :

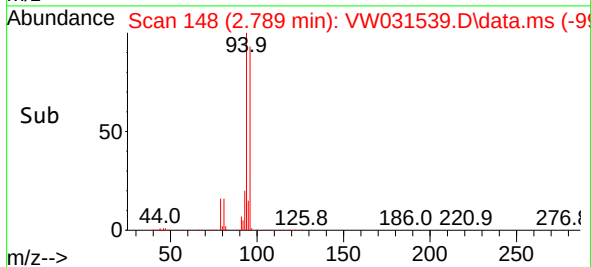
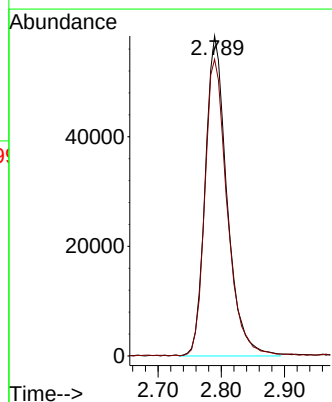
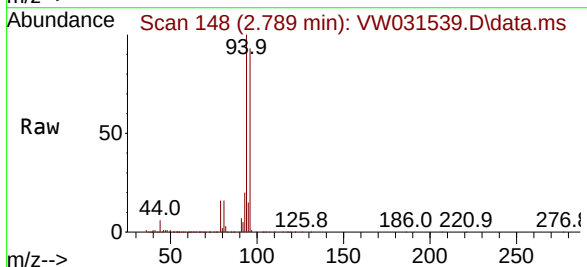


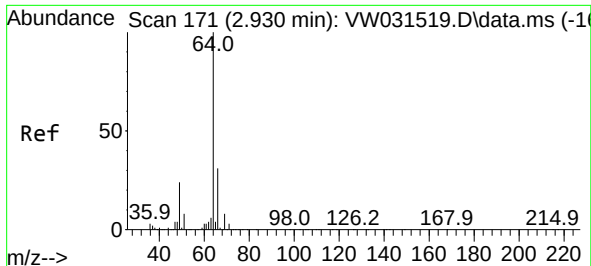
Tgt Ion: 62 Resp: 207239
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.1 44.8



#6
 Bromomethane
 Concen: 28.922 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031539.D
 Acq: 26 Dec 2024 19:23

Tgt Ion: 94 Resp: 139998
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.6 121.8

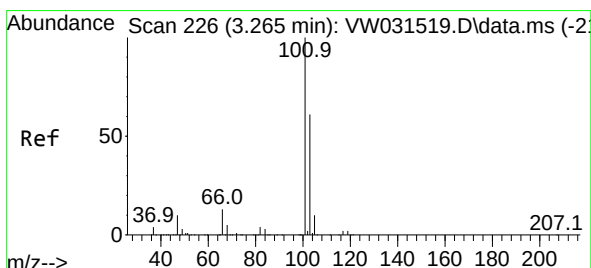
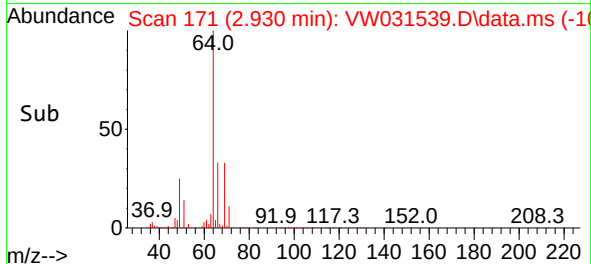
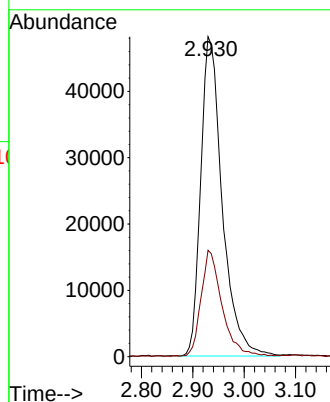
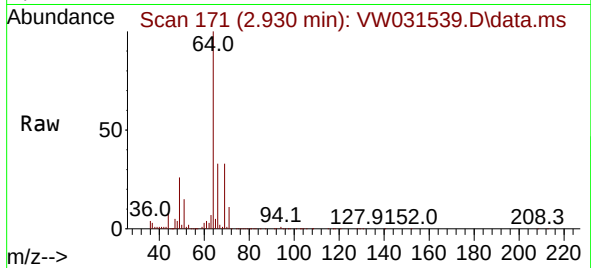




#8
Chloroethane
Concen: 29.887 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

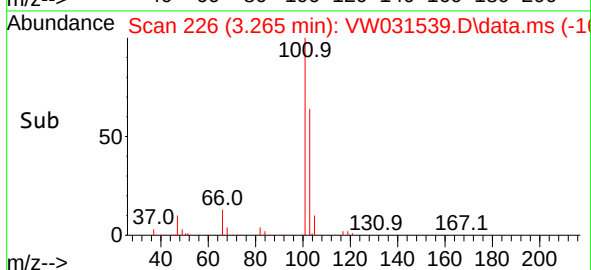
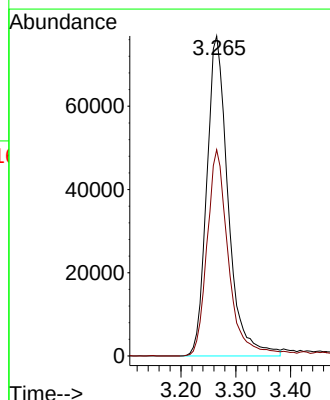
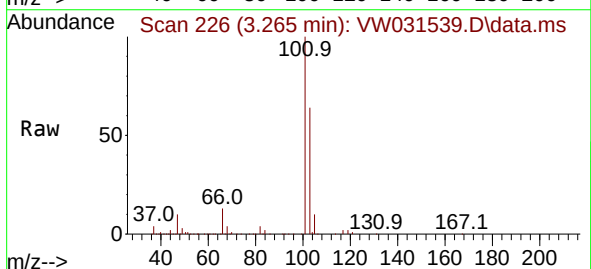
Instrument :
MSVOA_W
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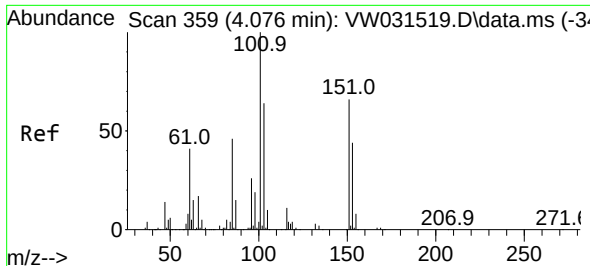
Tgt Ion: 64 Resp: 139942
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 24.775 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion: 101 Resp: 207805
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

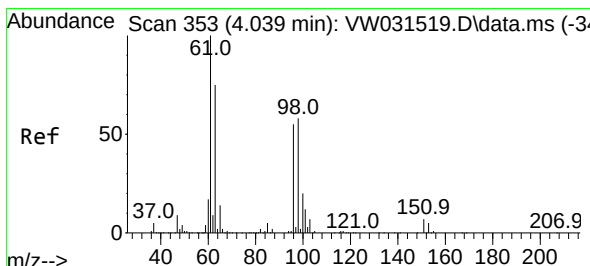
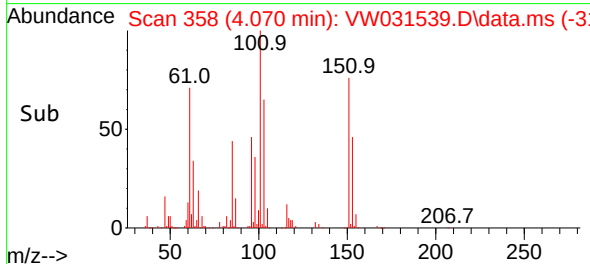
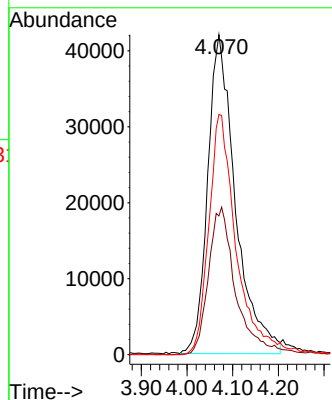
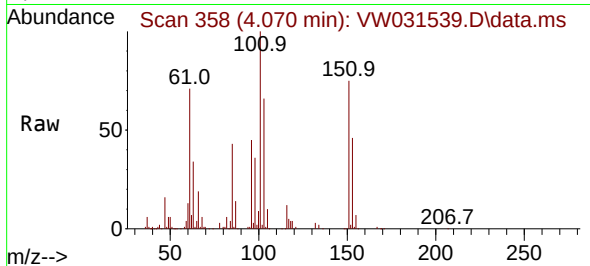




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.182 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031539.D
 Acq: 26 Dec 2024 19:23

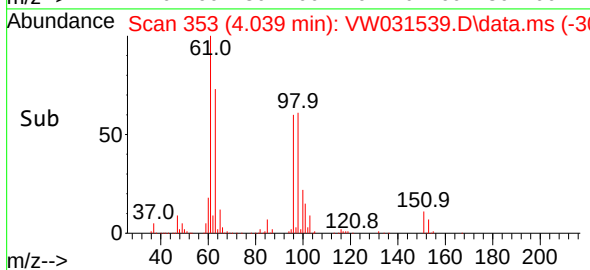
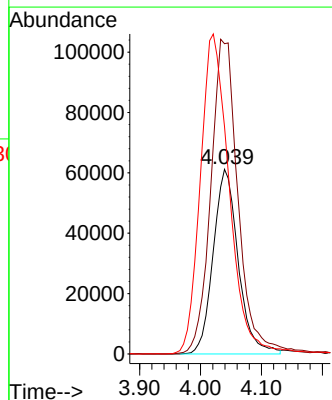
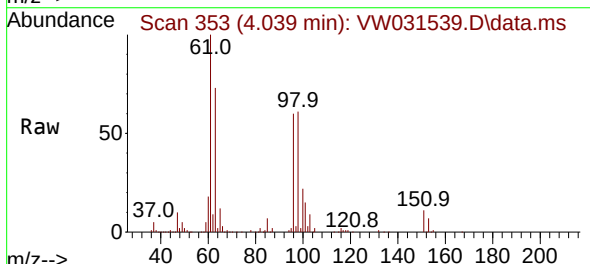
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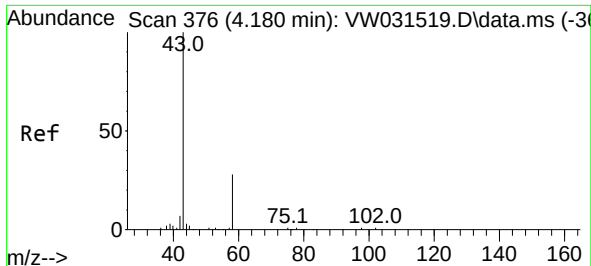
Tgt Ion:101 Resp: 177333
 Ion Ratio Lower Upper
 101 100
 85 44.4 33.0 49.4
 151 71.1 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.432 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031539.D
 Acq: 26 Dec 2024 19:23

Tgt Ion: 96 Resp: 174460
 Ion Ratio Lower Upper
 96 100
 61 168.0 125.3 232.7
 63 123.1 104.6 194.2

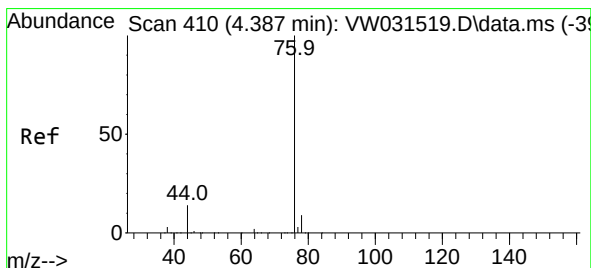
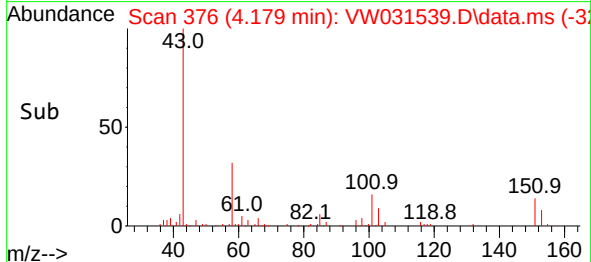
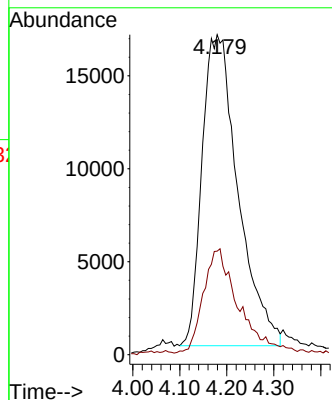
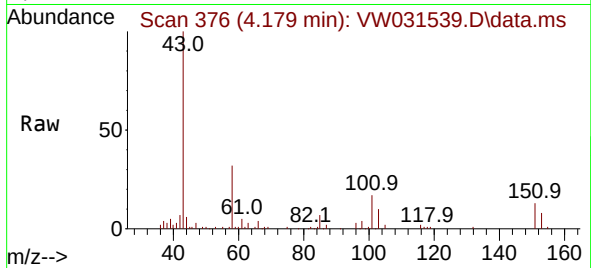




#13
Acetone
Concen: 40.332 ug/L
RT: 4.179 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

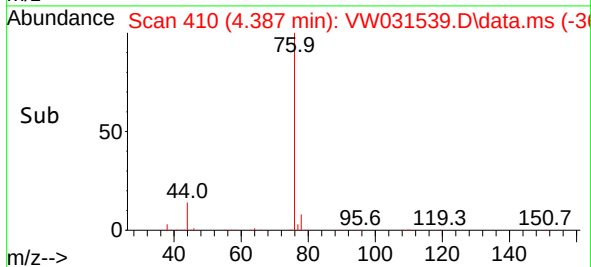
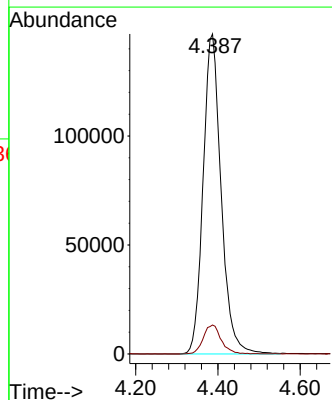
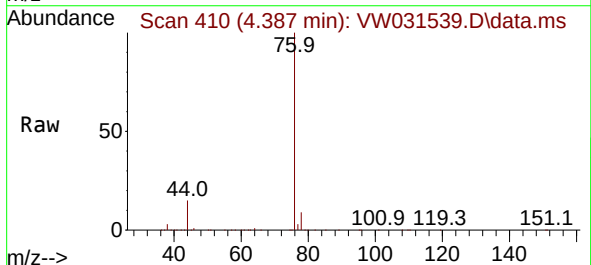
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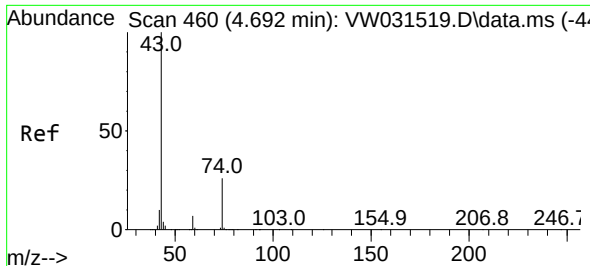
Tgt Ion: 43 Resp: 89060
Ion Ratio Lower Upper
43 100
58 26.0 0.0 0.0#



#14
Carbon disulfide
Concen: 19.912 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031539.D
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Tgt Ion: 76 Resp: 445484
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

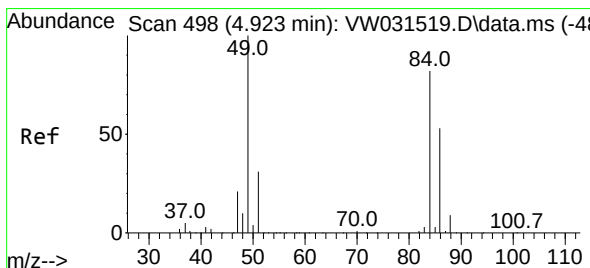
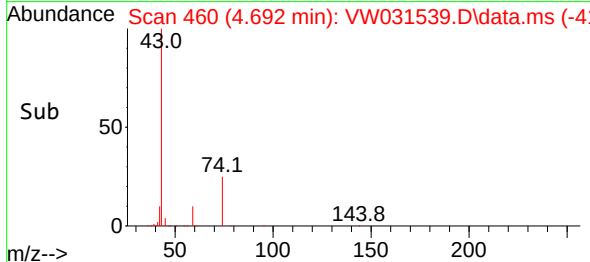
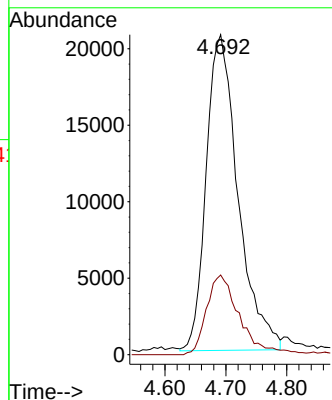
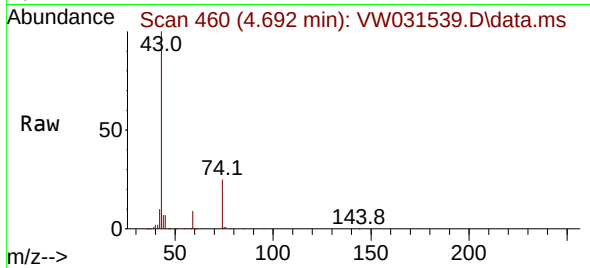




#15
Methyl Acetate
Concen: 29.871 ug/L
RT: 4.692 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

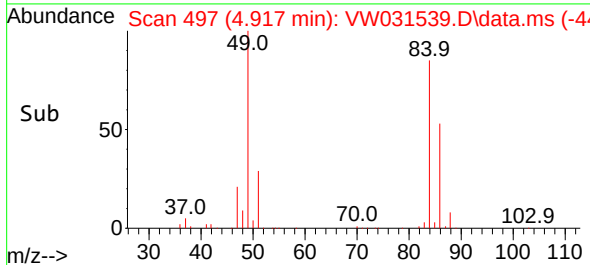
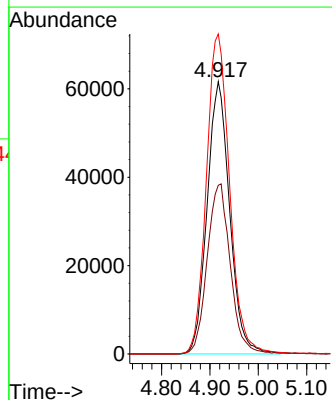
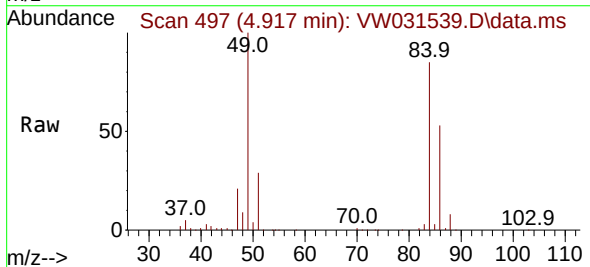
Instrument :
MSVOA_W
ClientSampleId :

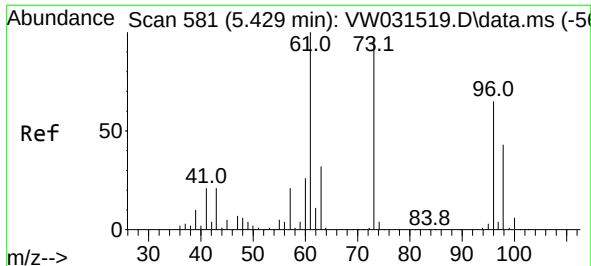
Tgt Ion: 43 Resp: 74916
Ion Ratio Lower Upper
43 100
74 25.0 18.9 28.3



#16
Methylene chloride
Concen: 28.388 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion: 84 Resp: 199871
Ion Ratio Lower Upper
84 100
86 61.9 44.7 82.9
49 117.5 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 26.876 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

ClientSampleId :

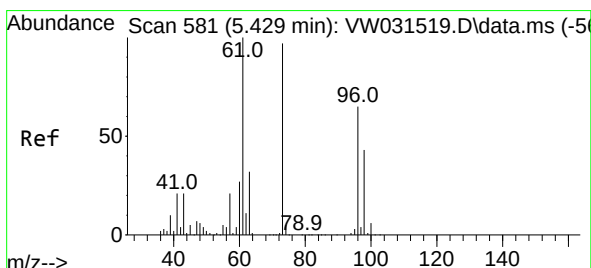
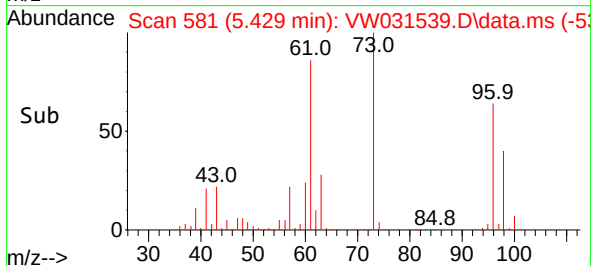
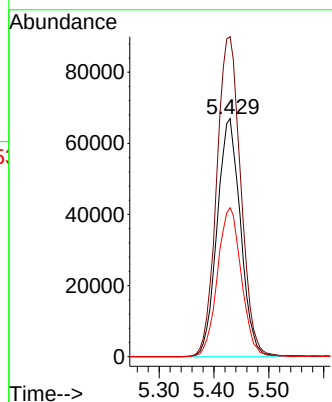
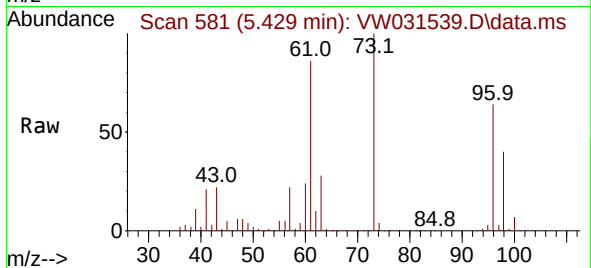
Tgt Ion: 96 Resp: 198734

Ion Ratio Lower Upper

96 100

61 134.4 100.7 187.1

98 62.6 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 30.939 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

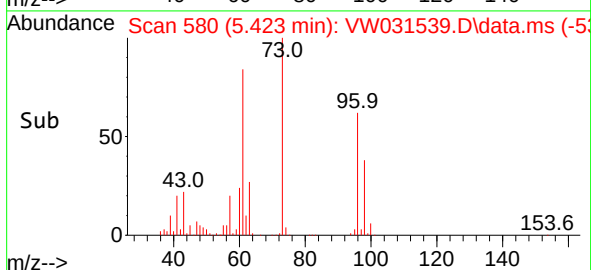
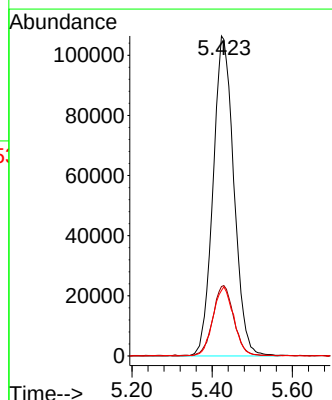
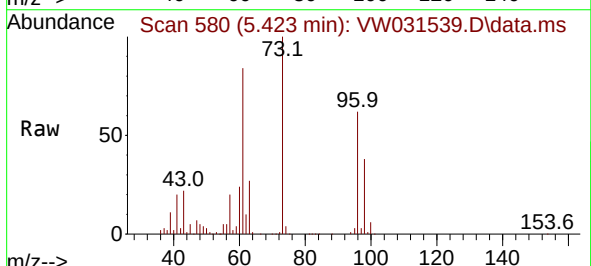
Tgt Ion: 73 Resp: 382457

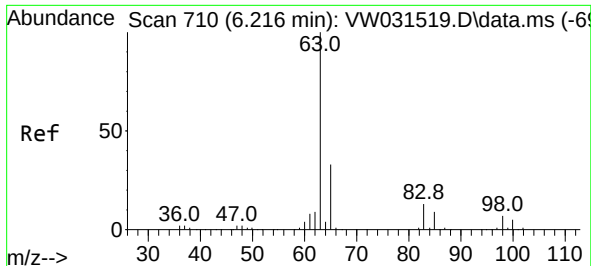
Ion Ratio Lower Upper

73 100

43 21.9 17.9 26.9

57 21.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 27.948 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

ClientSampleId :

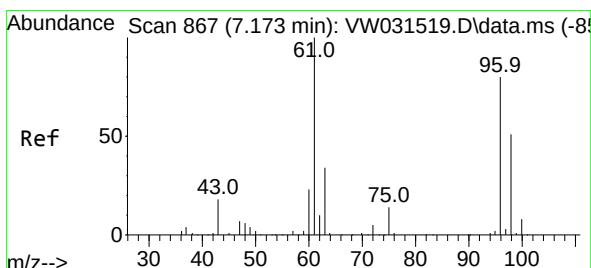
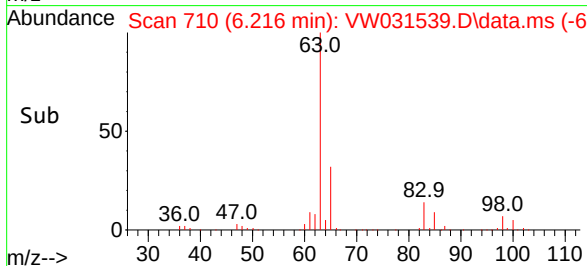
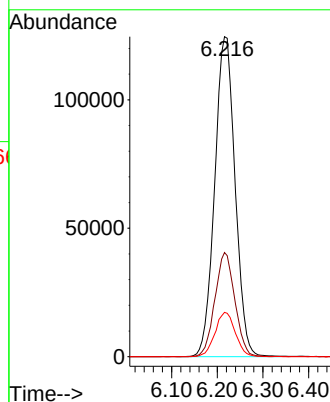
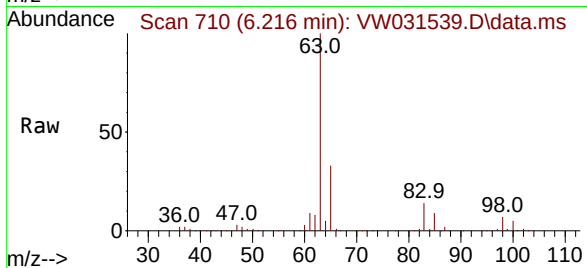
Tgt Ion: 63 Resp: 386175

Ion Ratio Lower Upper

63 100

65 32.5 21.9 40.7

83 13.8 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 28.608 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

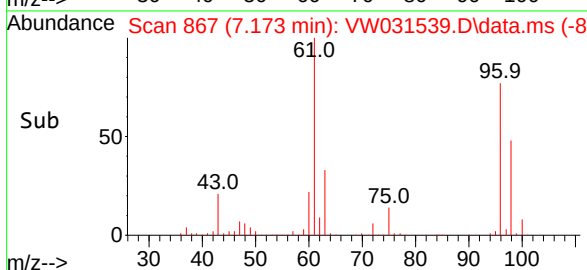
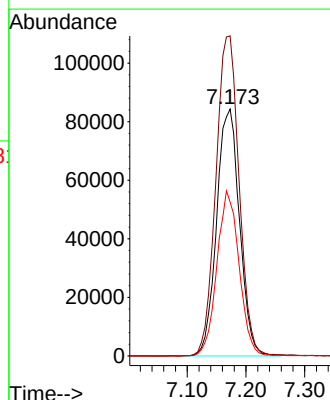
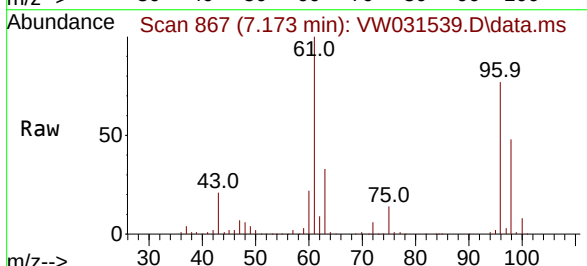
Tgt Ion: 96 Resp: 228871

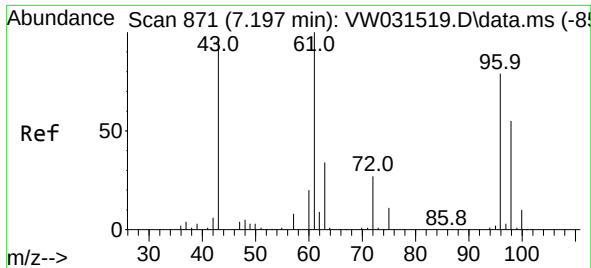
Ion Ratio Lower Upper

96 100

61 129.6 92.2 171.2

98 62.3 43.7 81.1

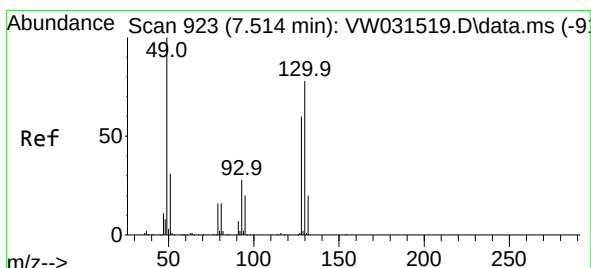
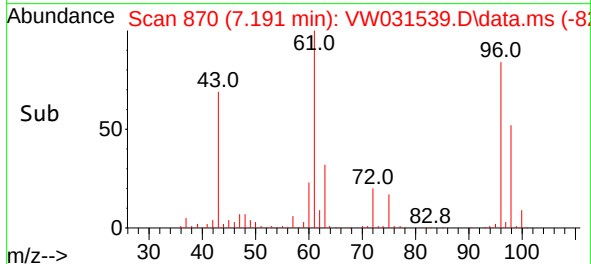
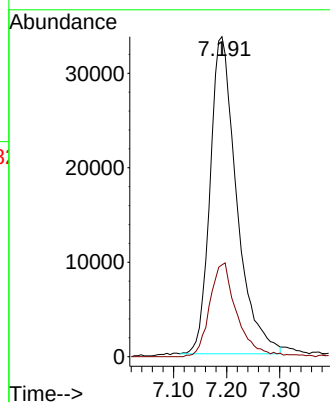
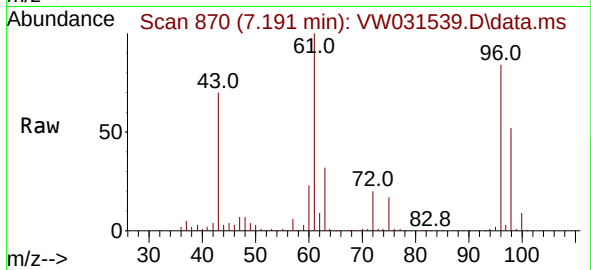




#22
2-Butanone
Concen: 43.661 ug/L
RT: 7.191 min Scan# 871
Delta R.T. -0.006 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

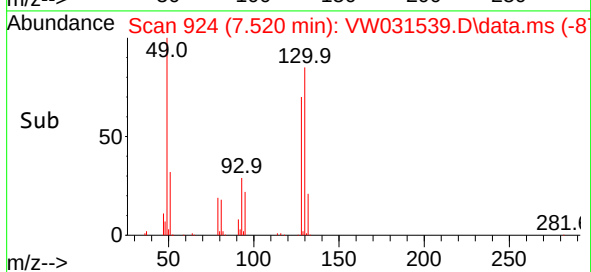
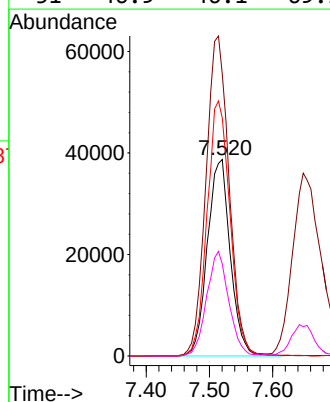
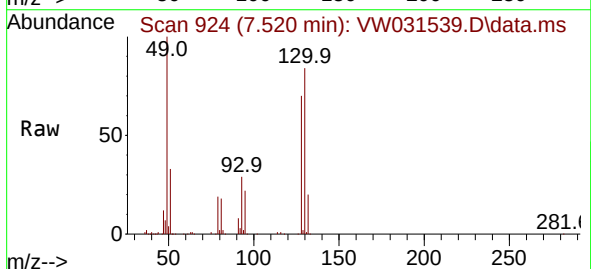
Instrument :
MSVOA_W
ClientSampleId :

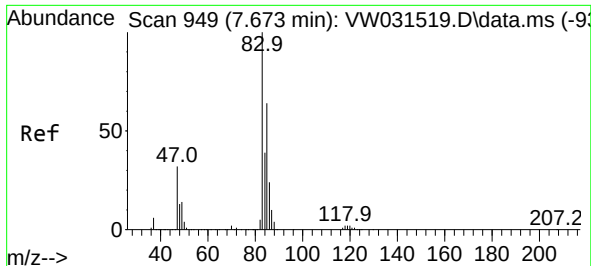
Tgt Ion: 43 Resp: 116818
Ion Ratio Lower Upper
43 100
72 29.6 13.3 39.8



#23
Bromochloromethane
Concen: 30.506 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion:128 Resp: 97334
Ion Ratio Lower Upper
128 100
49 143.5 123.7 229.7
130 121.2 90.3 167.7
51 46.9 46.1 69.1

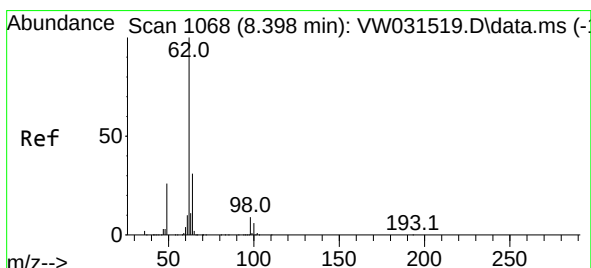
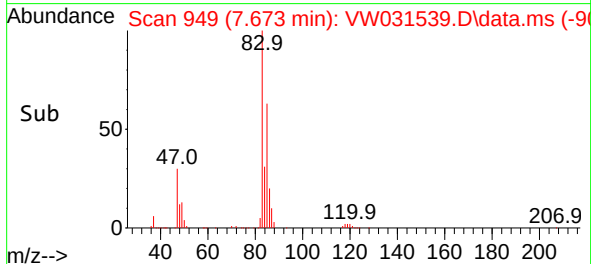
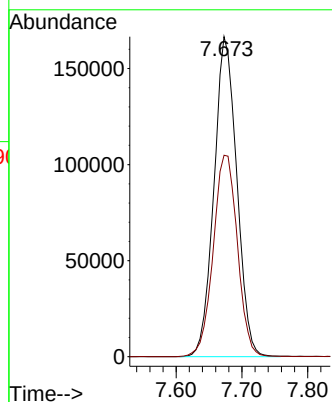
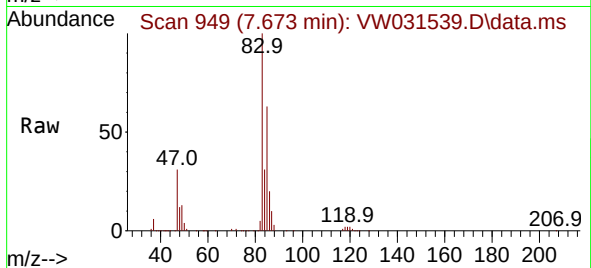




#25
Chloroform
Concen: 29.507 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

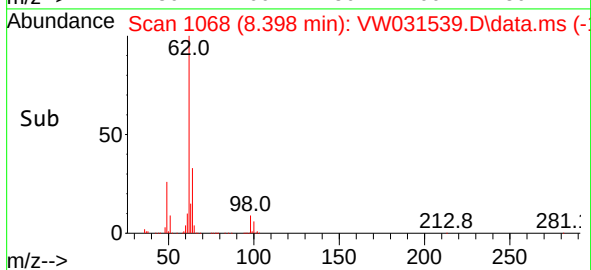
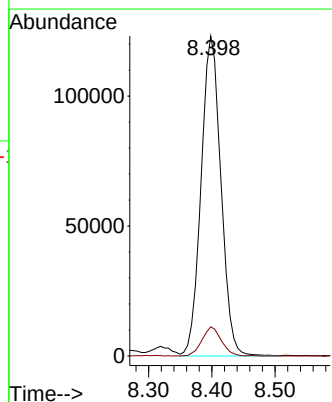
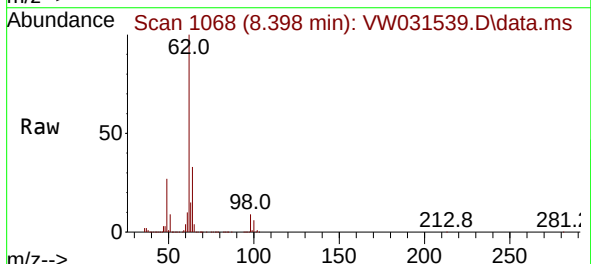
Instrument :
MSVOA_W
ClientSampleId :

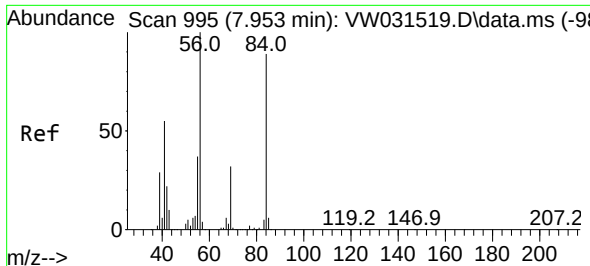
Tgt Ion: 83 Resp: 402396
Ion Ratio Lower Upper
83 100
85 63.0 46.1 85.5



#27
1,2-Dichloroethane
Concen: 31.401 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

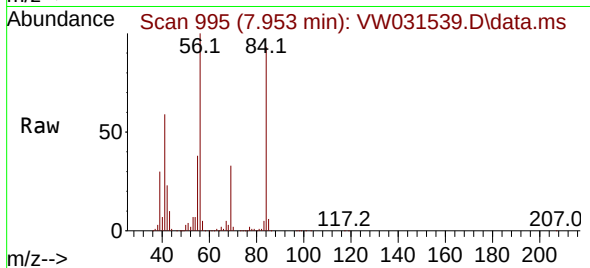
Tgt Ion: 62 Resp: 269218
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8



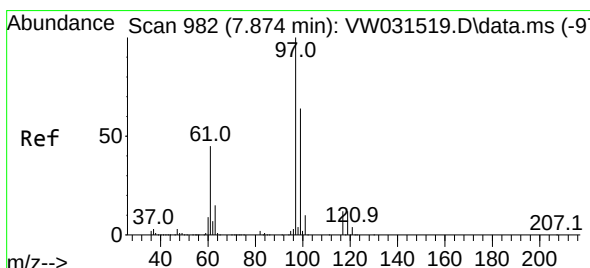
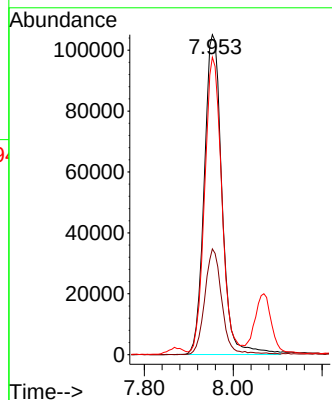
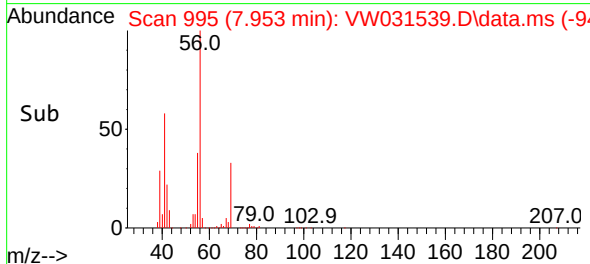


#29
Cyclohexane
Concen: 21.107 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Instrument :
MSVOA_W
ClientSampleId :

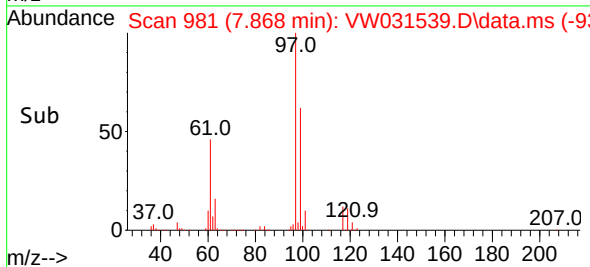
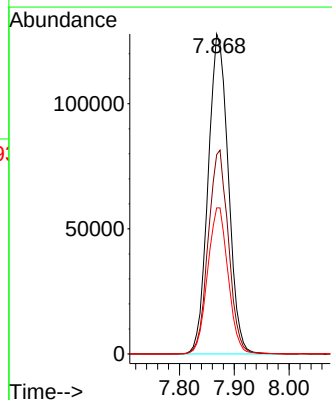
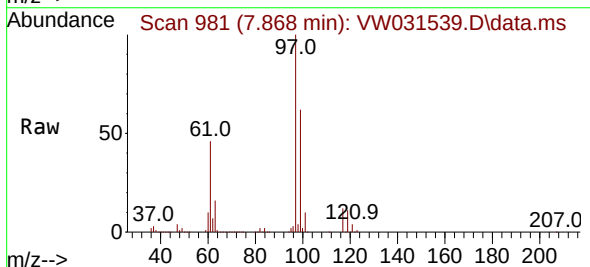


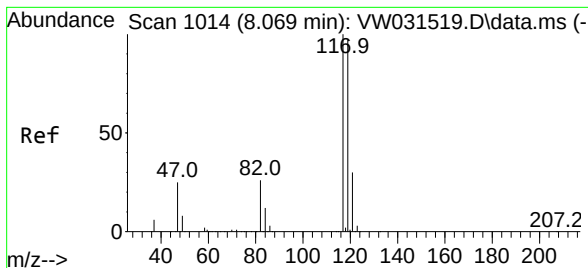
Tgt Ion:	56	Resp:	291984
Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.4
84	89.8	68.9	103.3



#30
1,1,1-Trichloroethane
Concen: 24.769 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion:	97	Resp:	326564
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	46.2	36.3	54.5

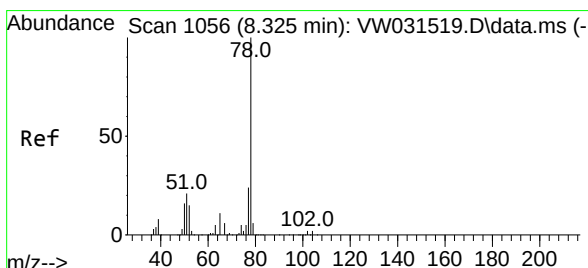
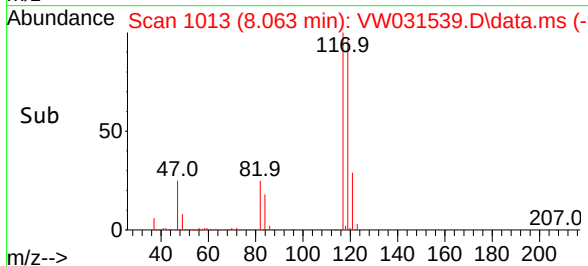
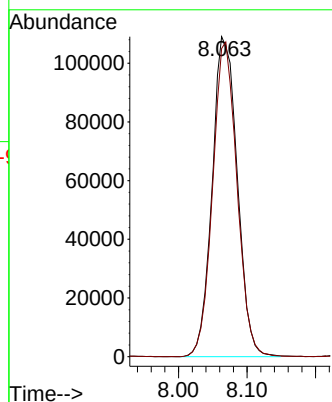
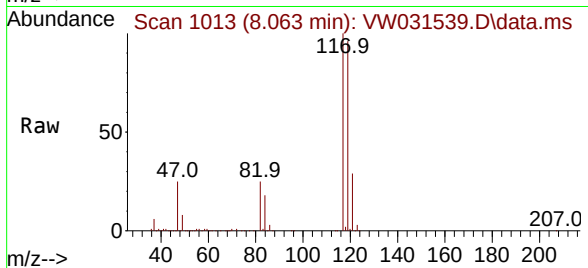




#31
Carbon tetrachloride
Concen: 23.612 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

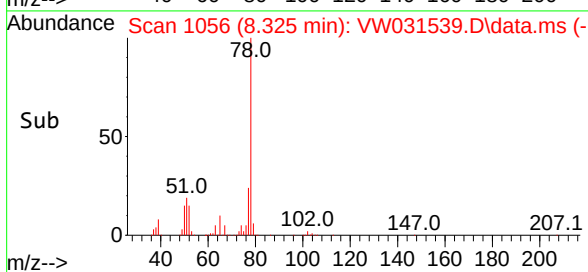
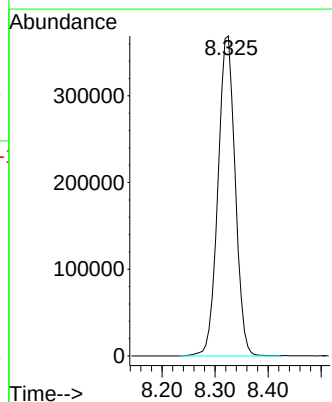
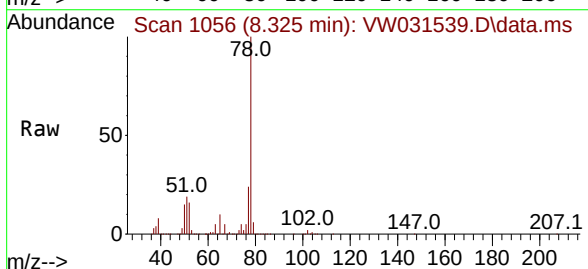
Instrument :
MSVOA_W
ClientSampleId :

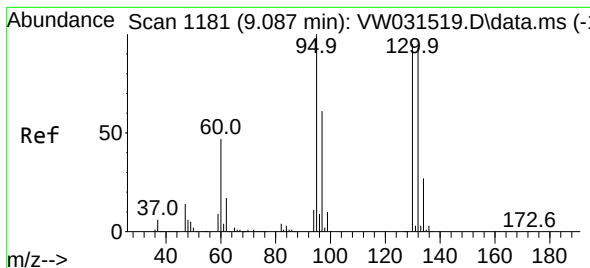
Tgt Ion:117 Resp: 277353
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0



#33
Benzene
Concen: 26.413 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion: 78 Resp: 832608





#34

Trichloroethene

Concen: 25.423 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

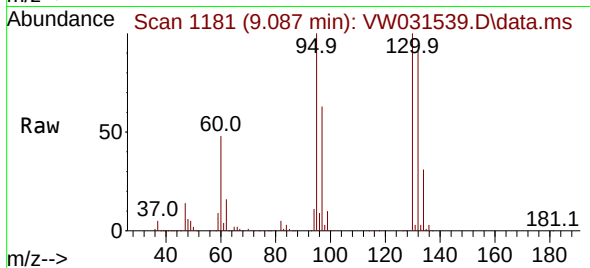
Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 226253

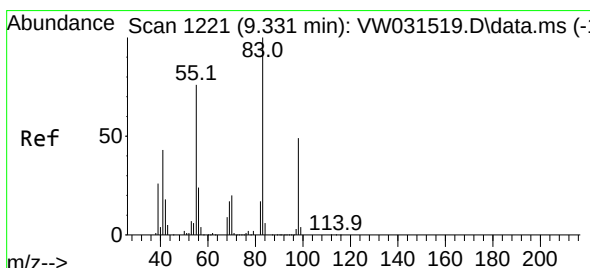
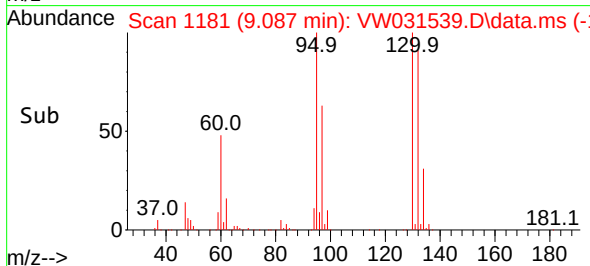
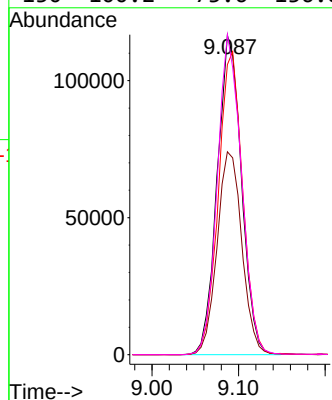
Ion Ratio Lower Upper

95 100

97 63.5 46.5 86.3

132 90.8 70.3 130.5

130 100.2 73.6 136.8



#35

Methylcyclohexane

Concen: 22.481 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

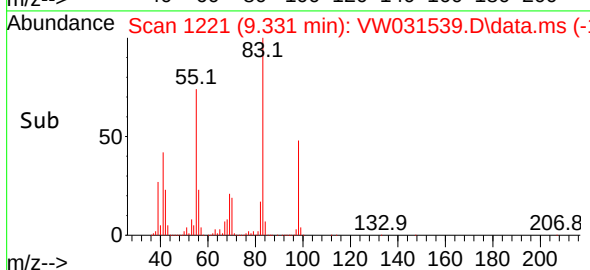
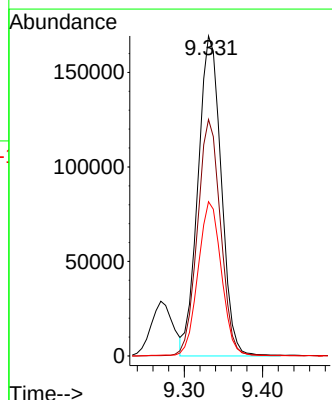
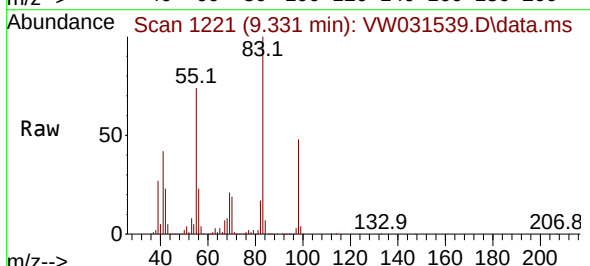
Tgt Ion: 83 Resp: 348423

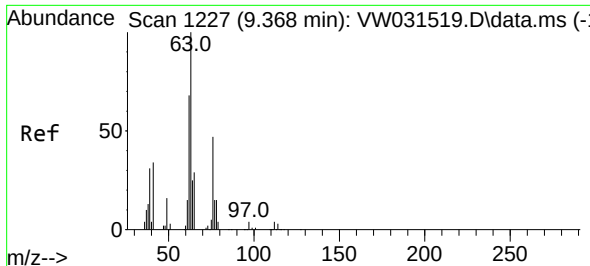
Ion Ratio Lower Upper

83 100

55 73.7 62.6 93.8

98 48.4 39.8 59.6





#37

1,2-Dichloropropane

Concen: 27.835 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

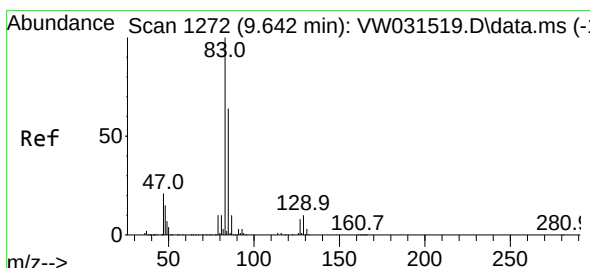
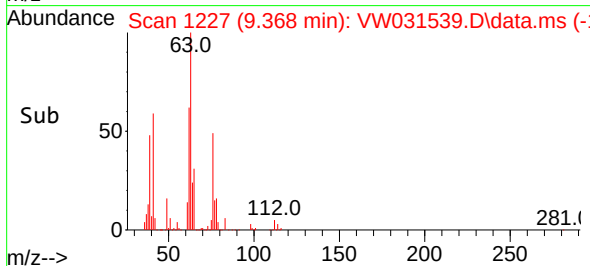
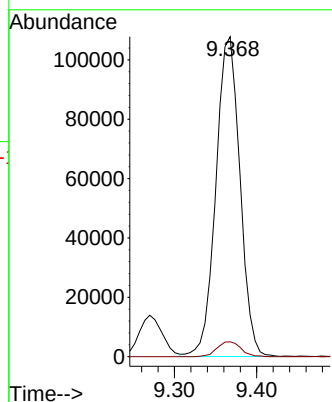
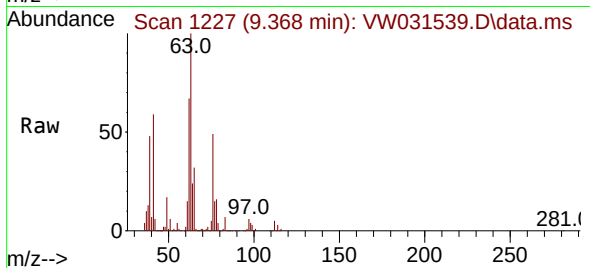
ClientSampleId :

Tgt Ion: 63 Resp: 218896

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 27.283 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

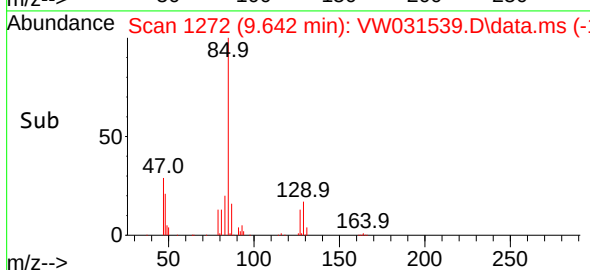
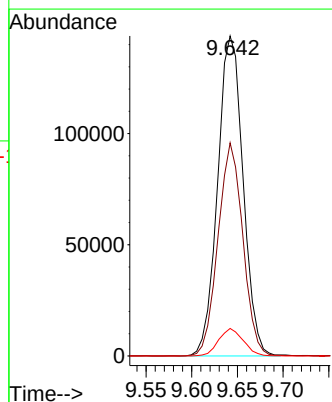
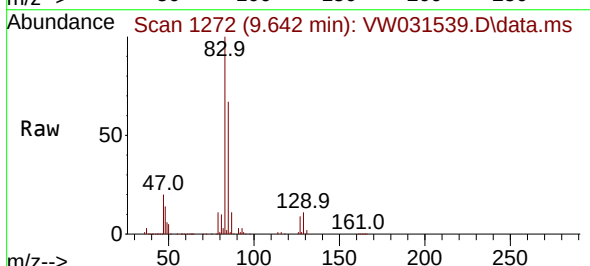
Tgt Ion: 83 Resp: 278929

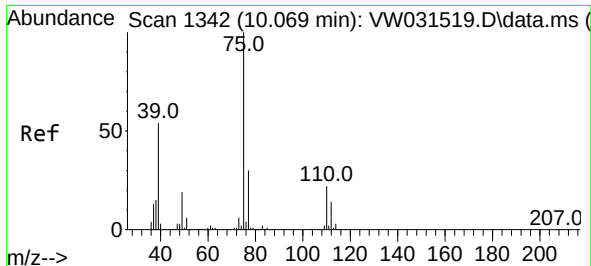
Ion Ratio Lower Upper

83 100

85 66.6 46.5 86.5

127 8.6 6.2 9.4

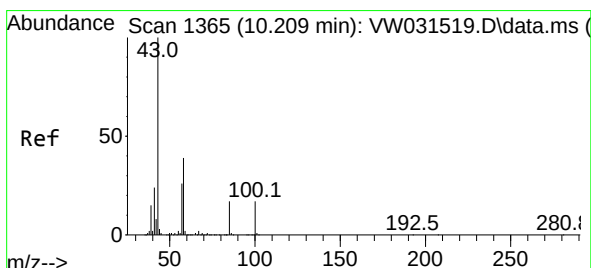
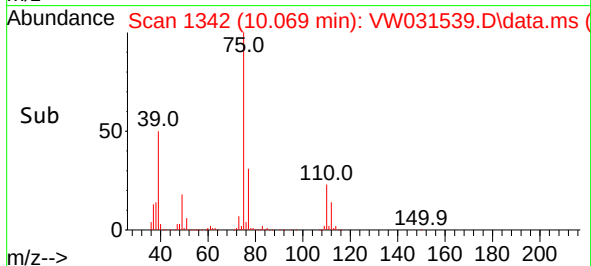
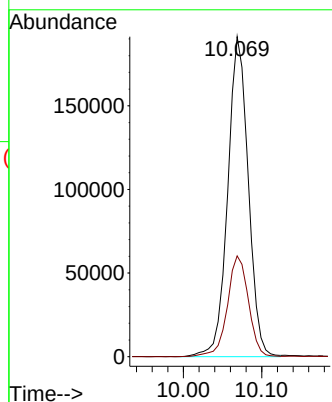
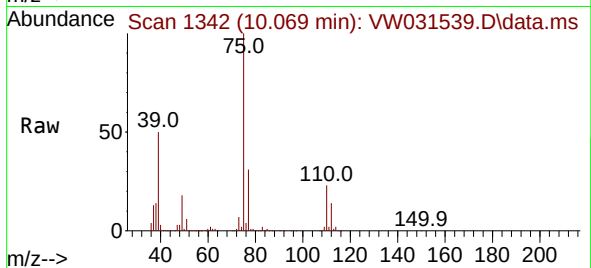




#39
cis-1,3-Dichloropropene
Concen: 26.227 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

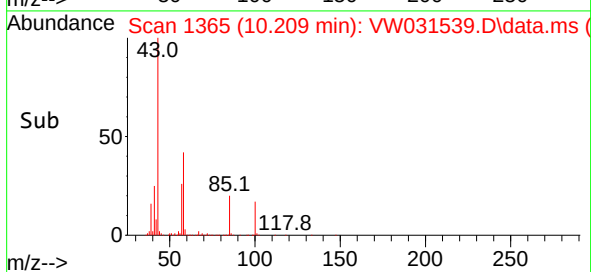
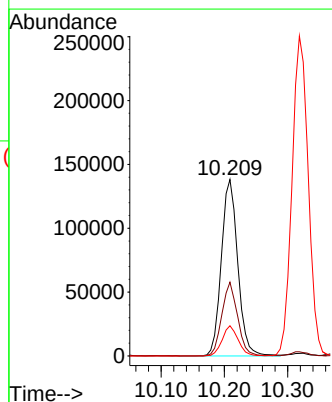
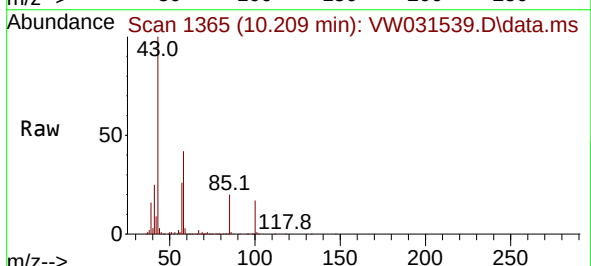
Instrument :
MSVOA_W
ClientSampleId :

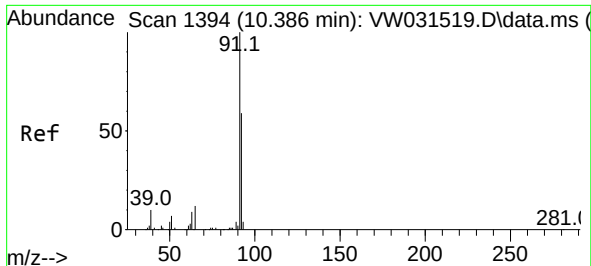
Tgt Ion: 75 Resp: 348521
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 59.531 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion: 43 Resp: 248371
Ion Ratio Lower Upper
43 100
58 40.0 31.1 46.7
100 16.7 13.0 19.6

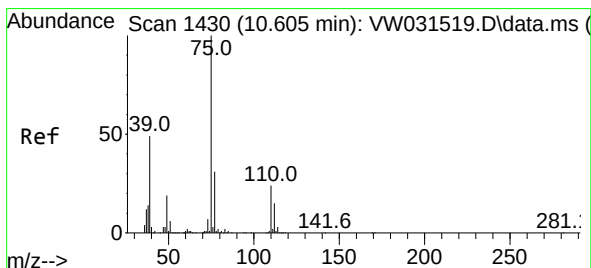
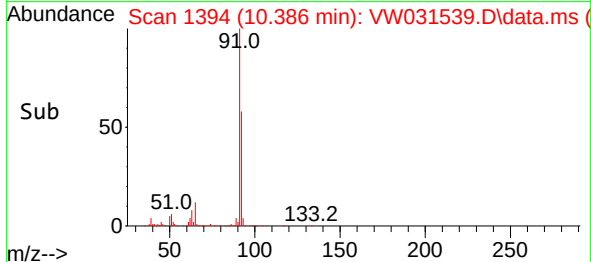
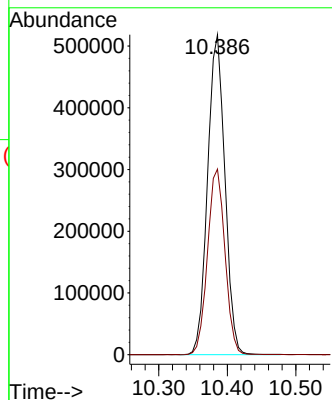
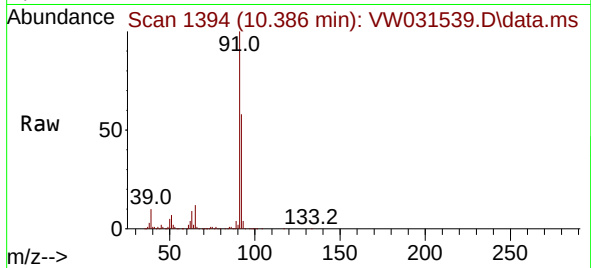




#42
Toluene
Concen: 26.577 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

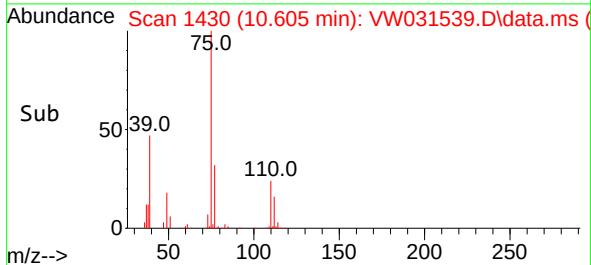
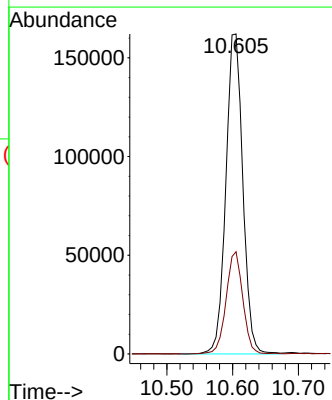
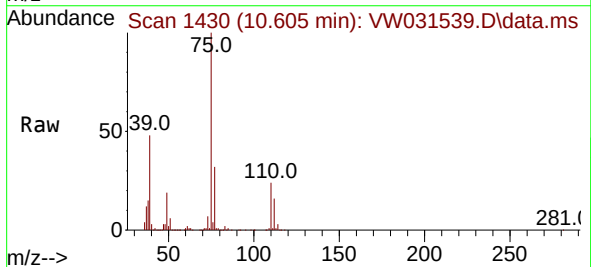
Instrument :
MSVOA_W
ClientSampleId :

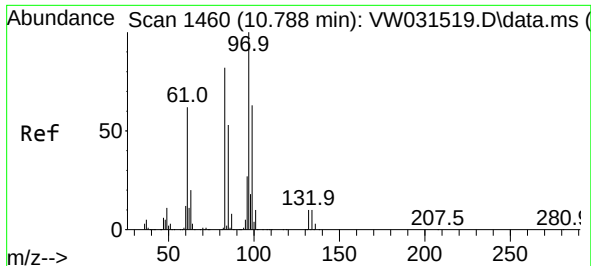
Tgt Ion: 91 Resp: 912125
Ion Ratio Lower Upper
91 100
92 58.0 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 26.860 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

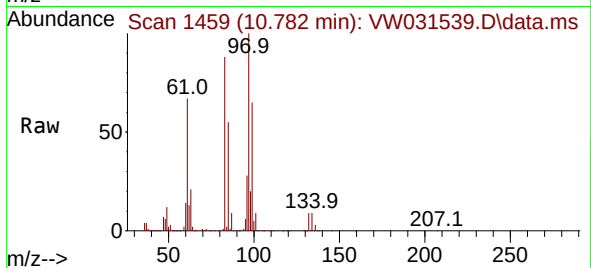
Tgt Ion: 75 Resp: 291441
Ion Ratio Lower Upper
75 100
77 32.0 21.2 39.4





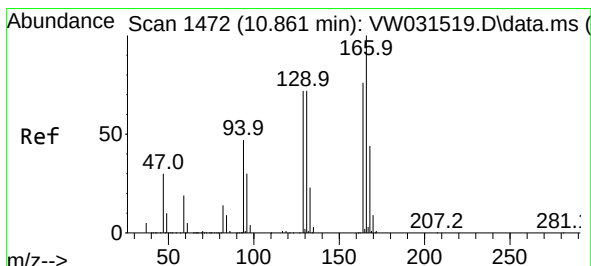
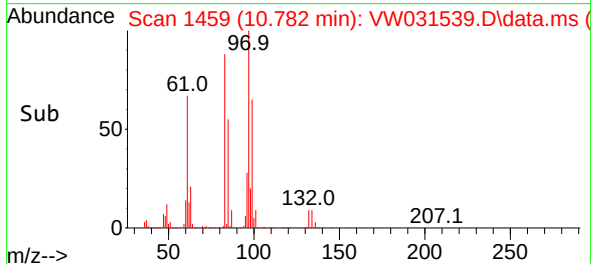
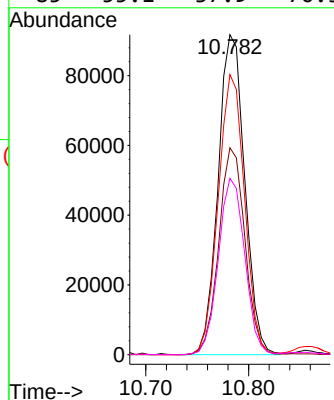
#45
1,1,2-Trichloroethane
Concen: 31.546 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 165009

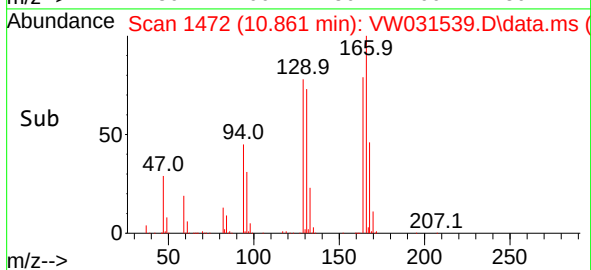
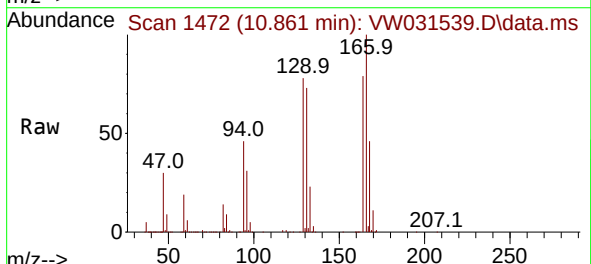
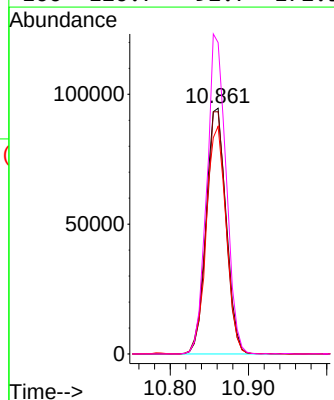
Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.0	80.0
83	87.6	56.4	104.7
85	55.1	37.9	70.3

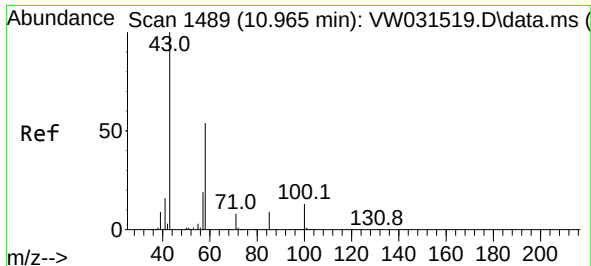


#46
Tetrachloroethene
Concen: 25.552 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion:164 Resp: 166574

Ion	Ratio	Lower	Upper
164	100		
129	98.6	73.5	136.5
131	92.7	66.6	123.8
166	126.7	92.7	172.3

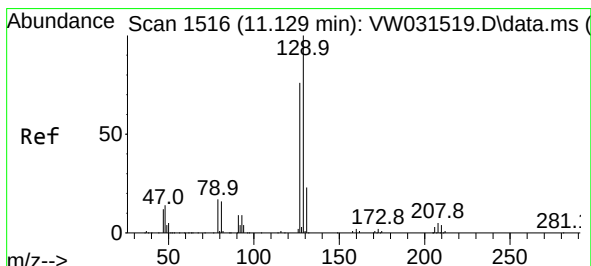
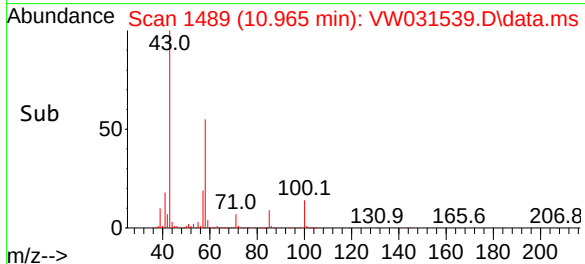
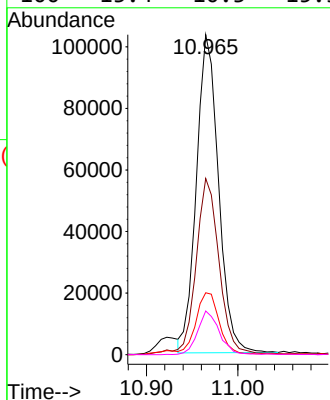
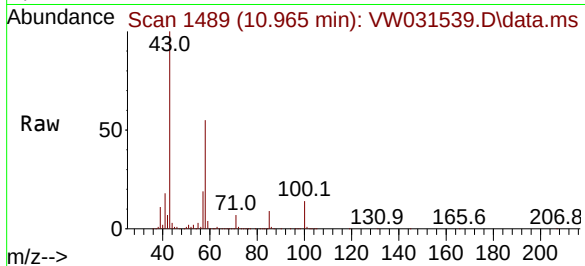




#48
2-Hexanone
Concen: 49.023 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

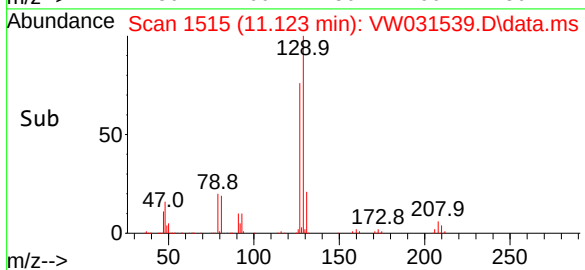
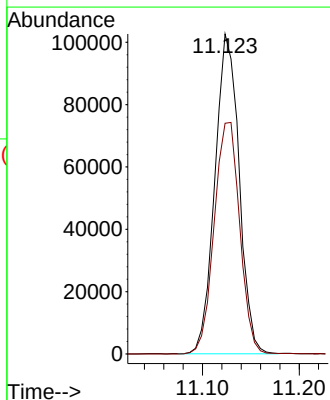
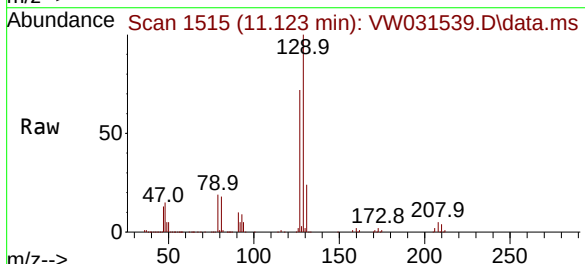
Instrument :
MSVOA_W
ClientSampleId :

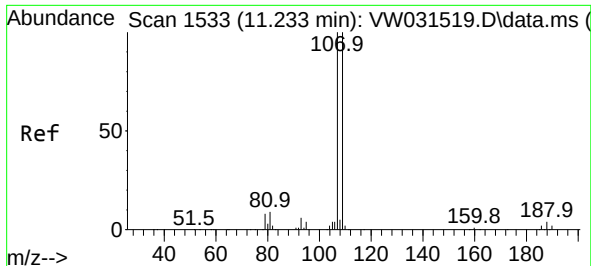
Tgt Ion: 43 Resp: 173952
Ion Ratio Lower Upper
43 100
58 56.8 43.0 64.6
57 19.9 15.7 23.5
100 13.4 10.3 15.5



#49
Dibromochloromethane
Concen: 28.796 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion: 129 Resp: 178543
Ion Ratio Lower Upper
129 100
127 72.1 57.6 107.0





#50

1,2-Dibromoethane

Concen: 31.120 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

ClientSampleId :

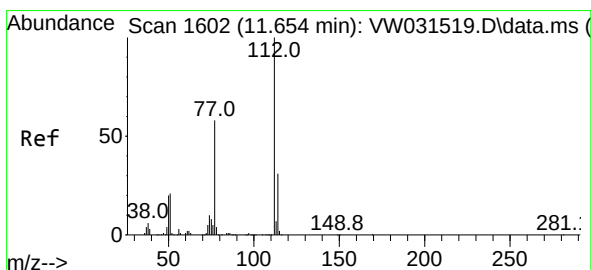
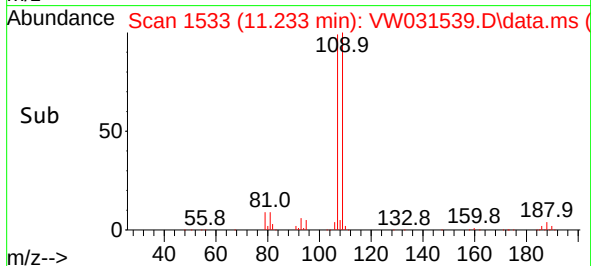
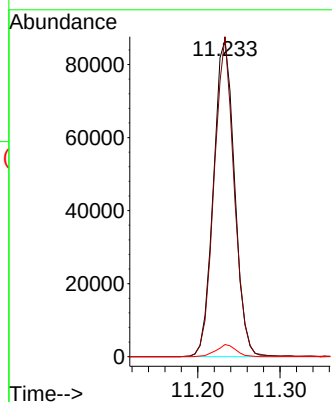
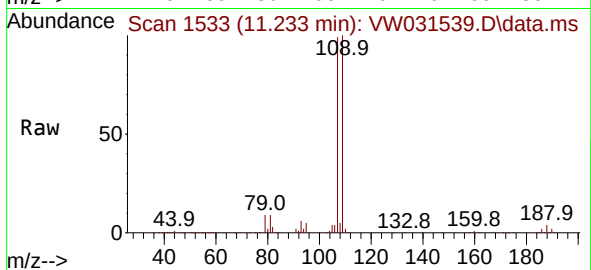
Tgt Ion:107 Resp: 154200

Ion Ratio Lower Upper

107 100

109 101.2 63.2 117.4

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 28.108 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

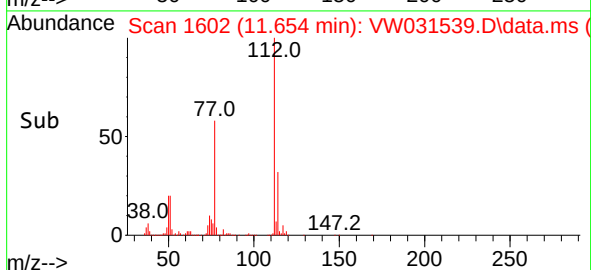
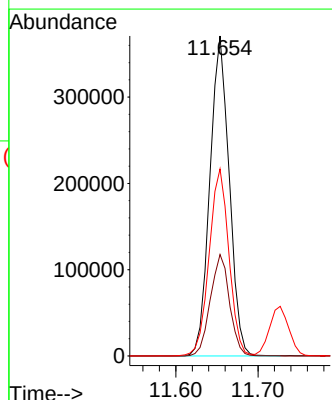
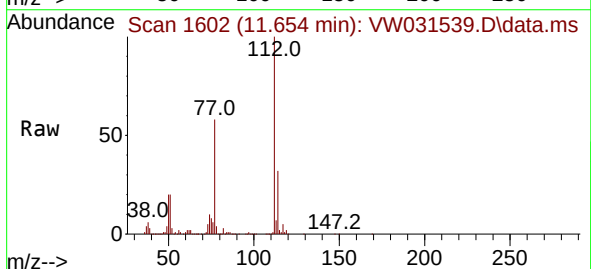
Tgt Ion:112 Resp: 604851

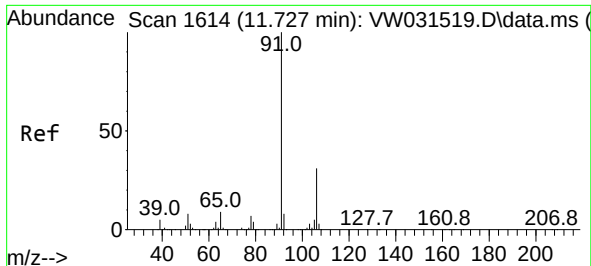
Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.3

77 58.4 50.2 75.4

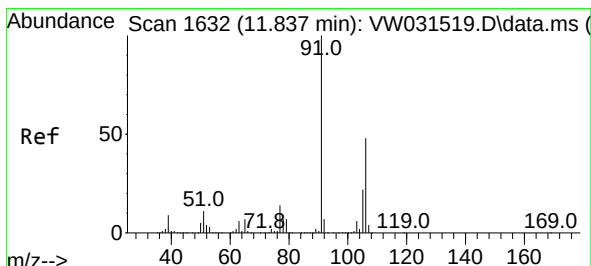
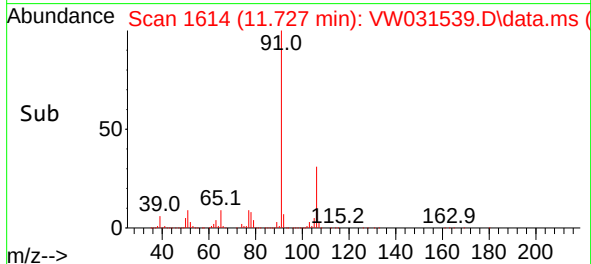
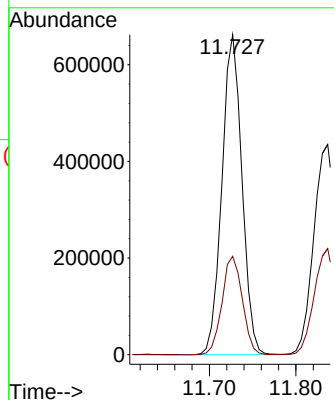
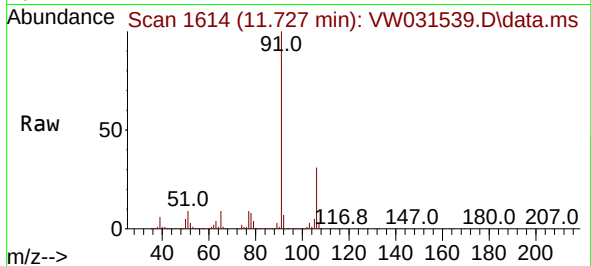




#52
Ethylbenzene
Concen: 26.703 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

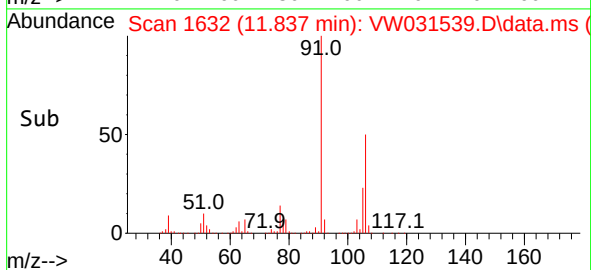
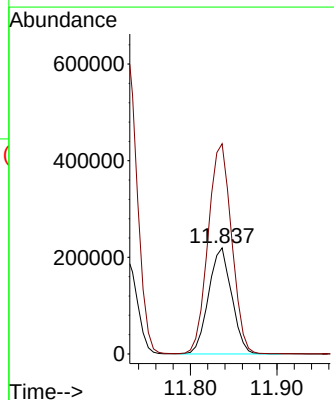
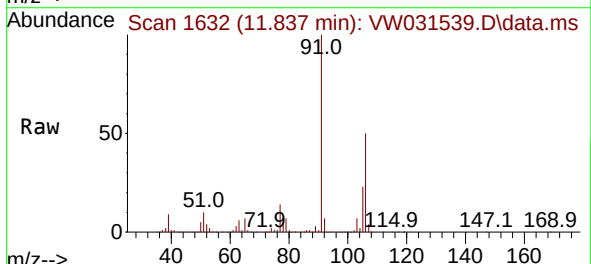
Instrument :
MSVOA_W
ClientSampleId :

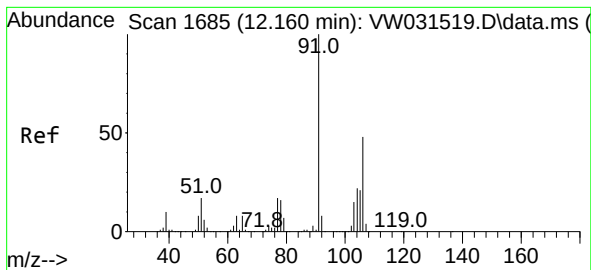
Tgt Ion: 91 Resp: 1062160
Ion Ratio Lower Upper
91 100
106 30.8 20.7 38.5



#53
m,p-Xylene
Concen: 26.846 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion:106 Resp: 406520
Ion Ratio Lower Upper
106 100
91 198.3 139.9 259.7

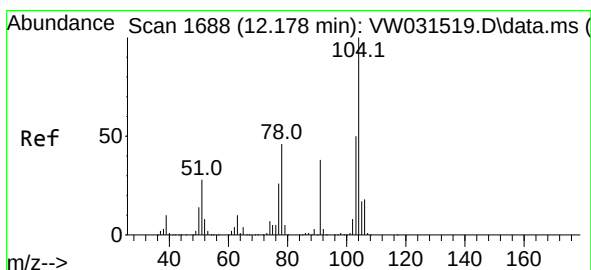
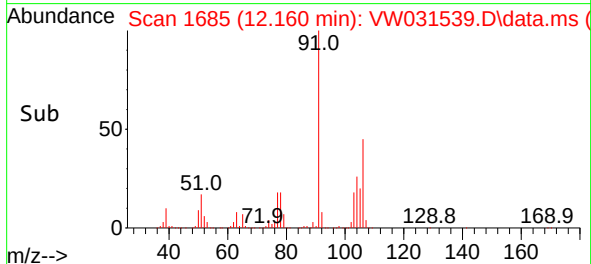
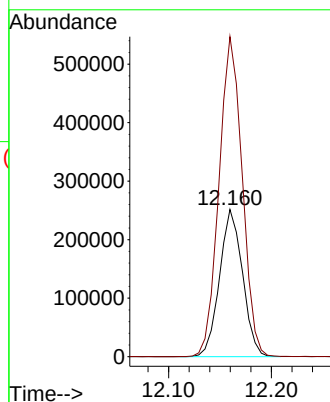
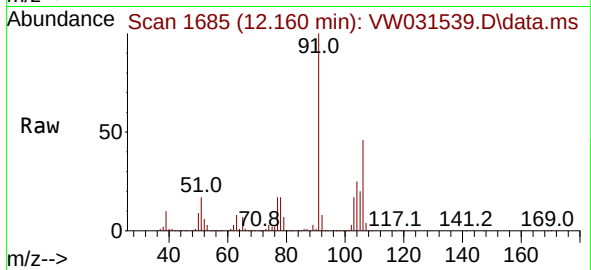




#54
o-Xylene
Concen: 27.392 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

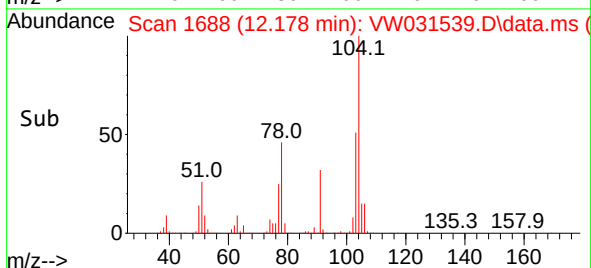
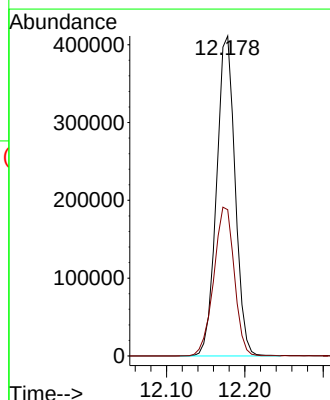
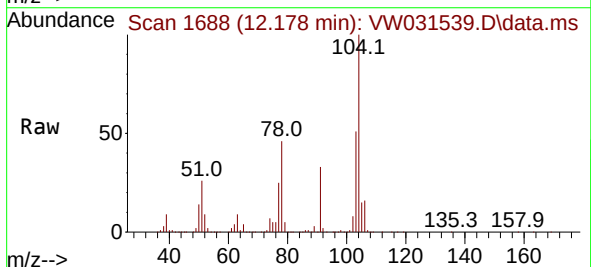
Instrument :
MSVOA_W
ClientSampleId :

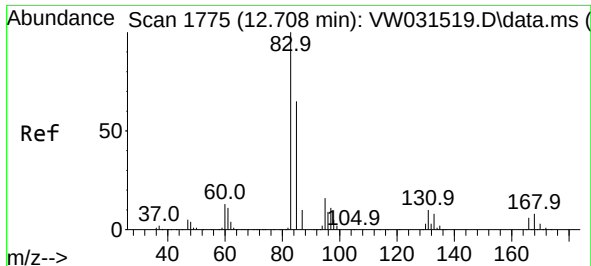
Tgt Ion:106 Resp: 390912
Ion Ratio Lower Upper
106 100
91 217.3 153.1 284.3



#55
Styrene
Concen: 28.504 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion:104 Resp: 676626
Ion Ratio Lower Upper
104 100
78 45.7 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 34.080 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

ClientSampleId :

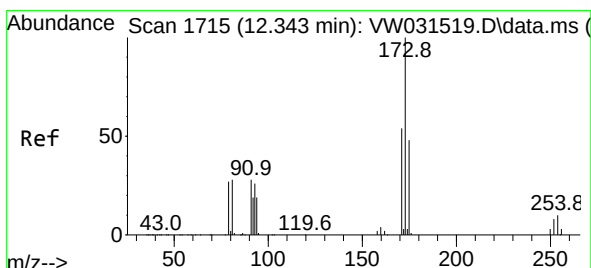
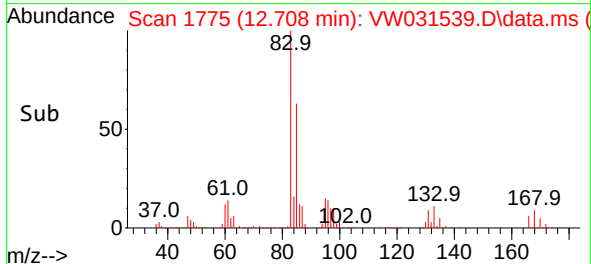
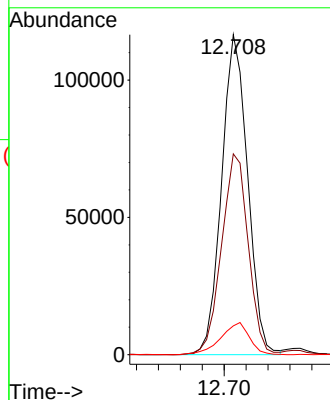
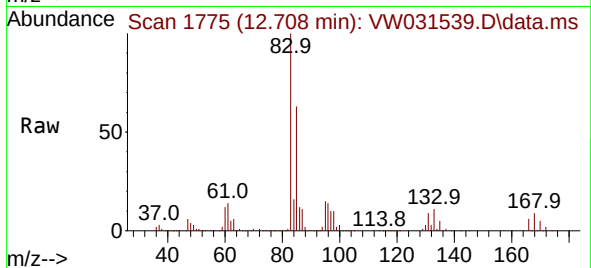
Tgt Ion: 83 Resp: 192167

Ion Ratio Lower Upper

83 100

85 62.7 44.1 81.9

131 9.0 7.9 11.9



#59

Bromoform

Concen: 27.321 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

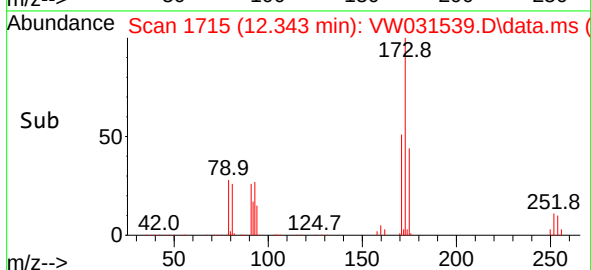
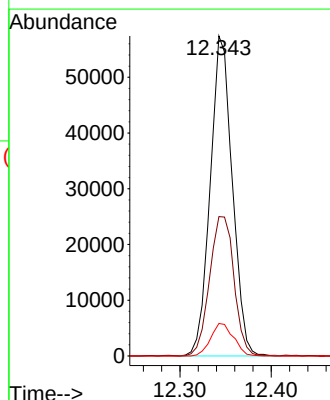
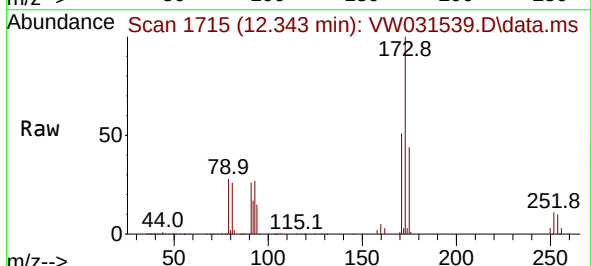
Tgt Ion:173 Resp: 96304

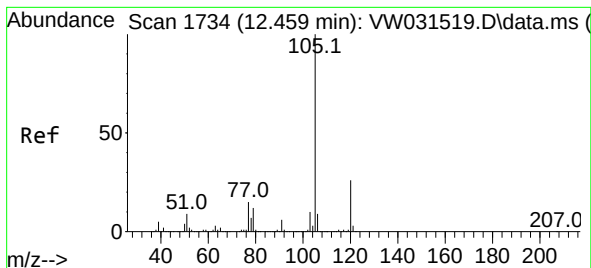
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

254 10.5 7.6 11.4





#60

Isopropylbenzene

Concen: 26.629 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

ClientSampleId :

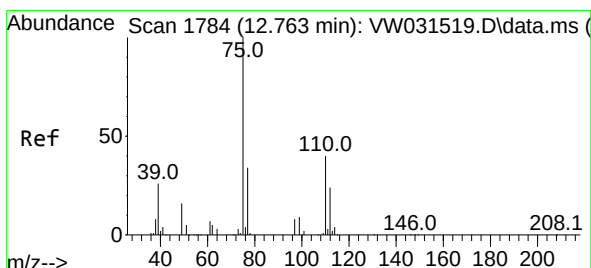
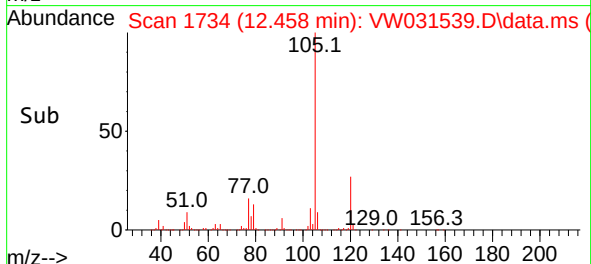
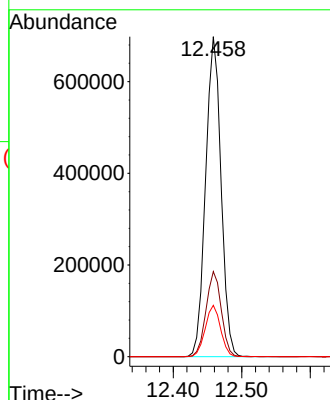
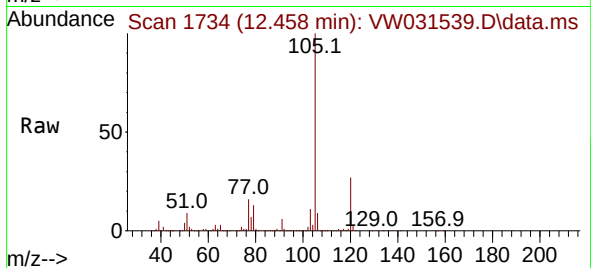
Tgt Ion:105 Resp: 1093378

Ion Ratio Lower Upper

105 100

120 26.4 20.6 31.0

77 15.9 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 32.305 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

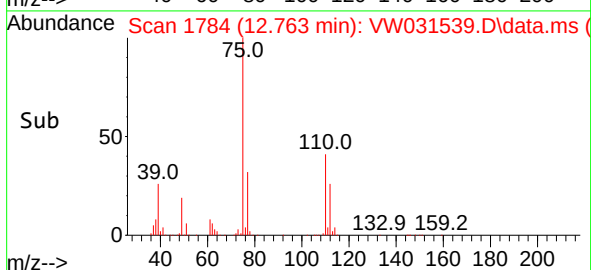
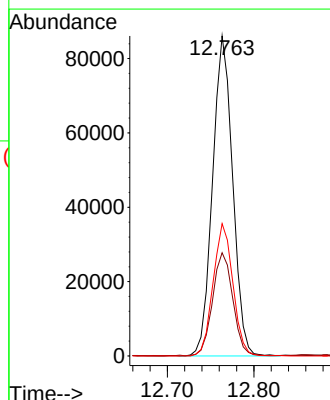
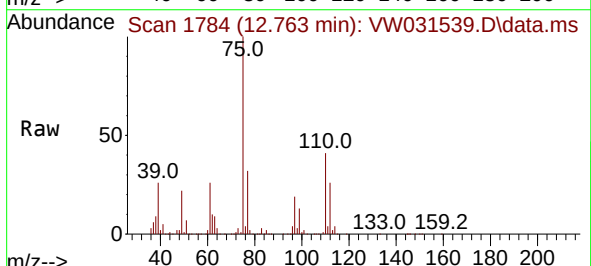
Tgt Ion: 75 Resp: 138699

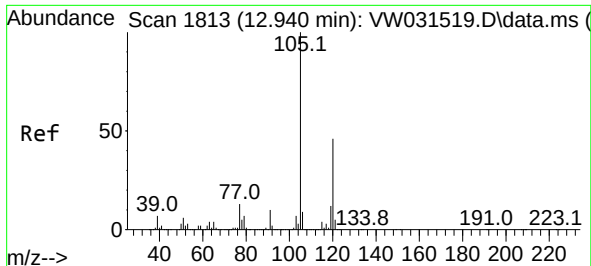
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

110 40.7 31.2 46.8

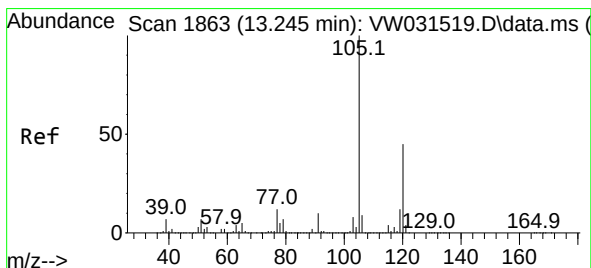
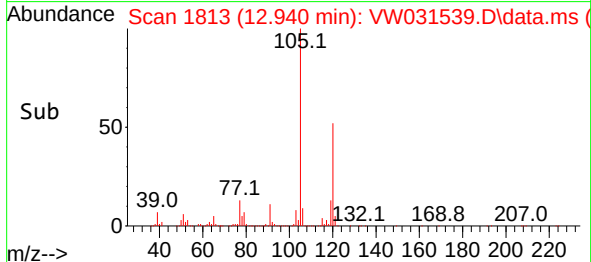
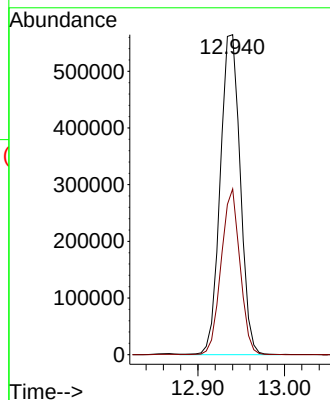
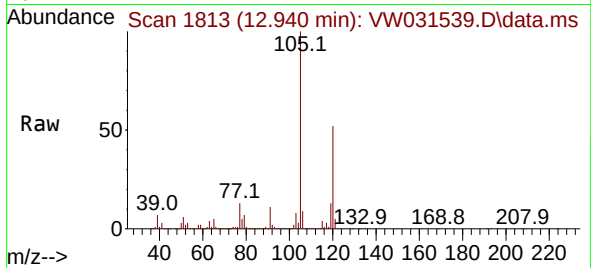




#62
1,3,5-Trimethylbenzene
Concen: 26.024 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

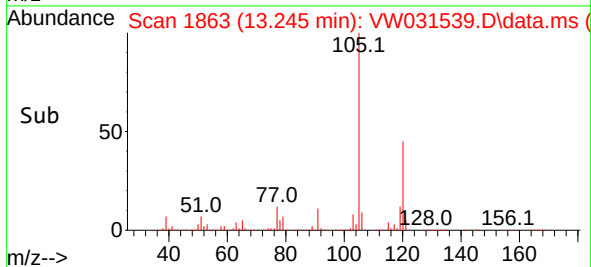
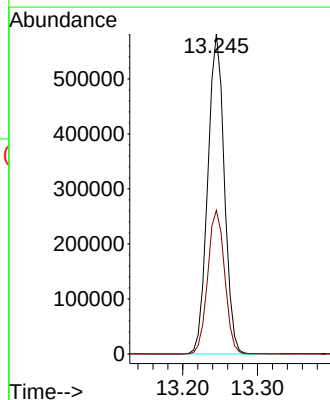
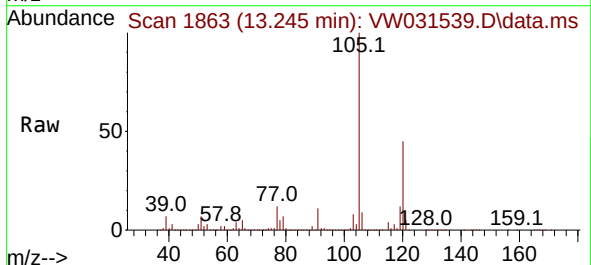
Instrument :
MSVOA_W
ClientSampleId :

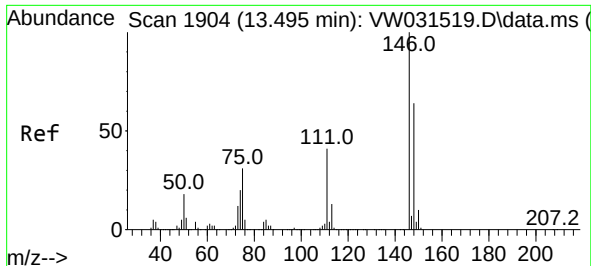
Tgt Ion:105 Resp: 905945
Ion Ratio Lower Upper
105 100
120 48.7 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 26.560 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion:105 Resp: 893628
Ion Ratio Lower Upper
105 100
120 45.9 35.0 52.4

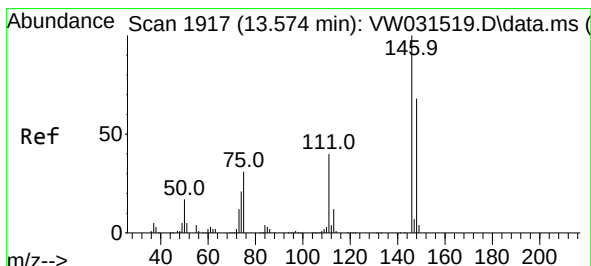
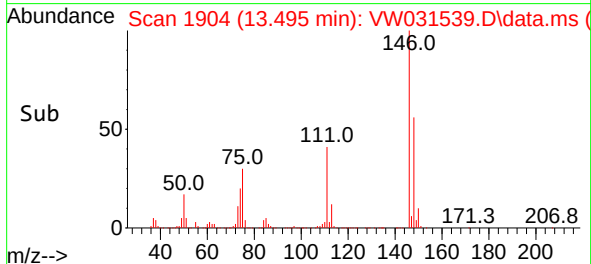
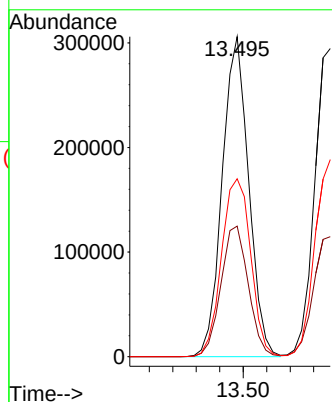
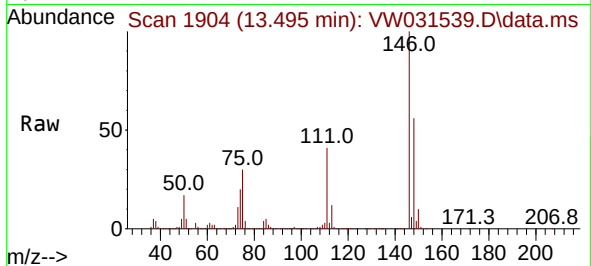




#64
1,3-Dichlorobenzene
Concen: 28.726 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

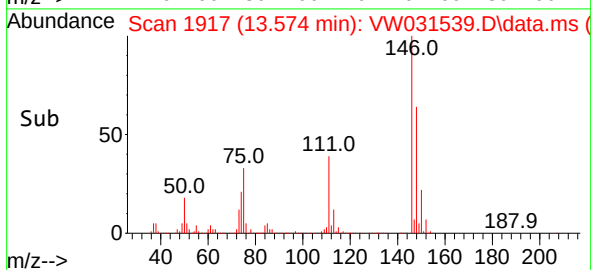
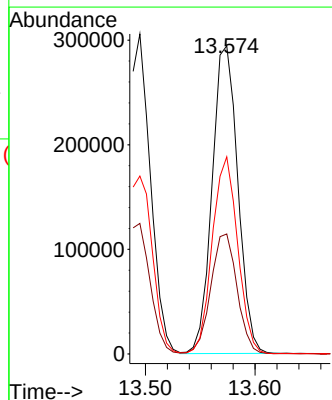
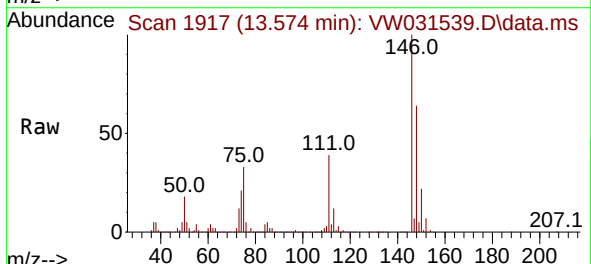
Instrument :
MSVOA_W
ClientSampleId :

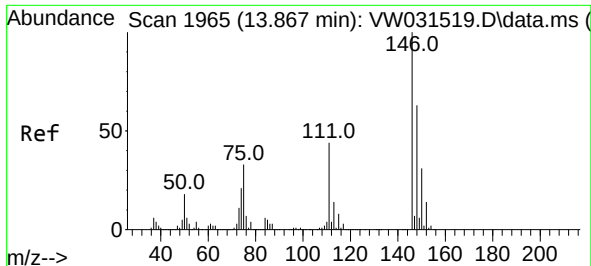
Tgt Ion:146 Resp: 477888
Ion Ratio Lower Upper
146 100
111 40.8 27.6 51.2
148 55.6 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 29.128 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion:146 Resp: 480119
Ion Ratio Lower Upper
146 100
111 38.9 30.7 56.9
148 63.9 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 29.451 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

ClientSampleId :

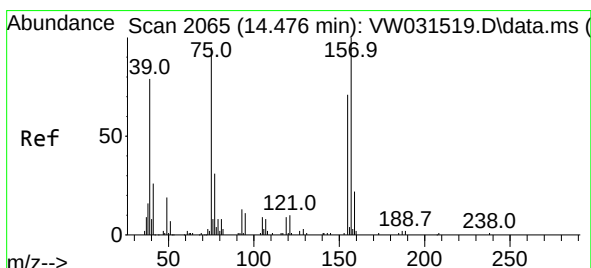
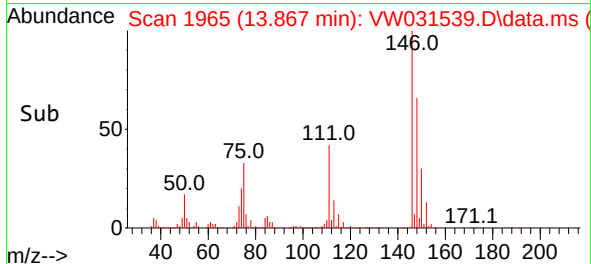
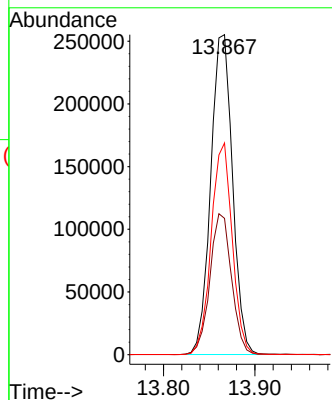
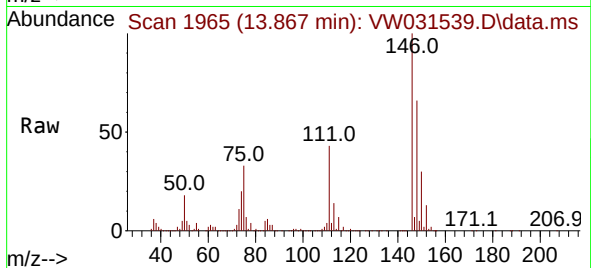
Tgt Ion:146 Resp: 422147

Ion Ratio Lower Upper

146 100

111 42.6 38.6 58.0

148 66.2 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 28.510 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

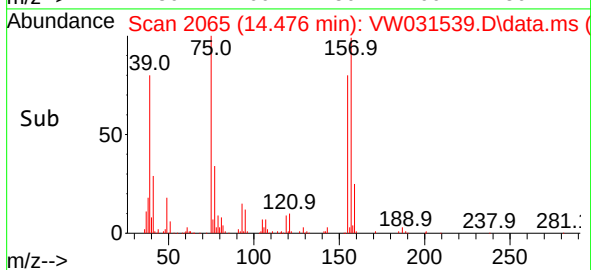
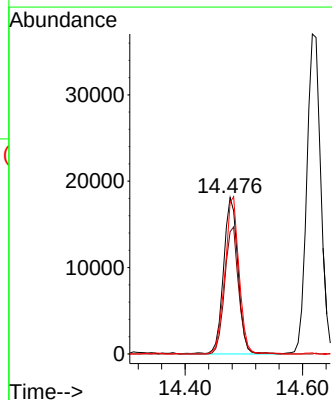
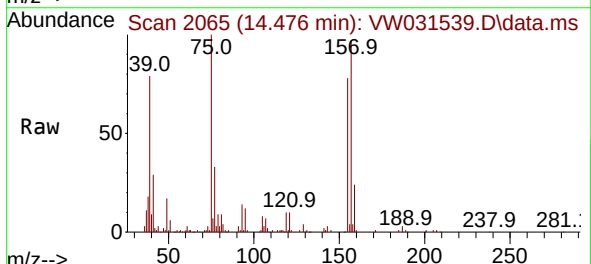
Tgt Ion: 75 Resp: 31063

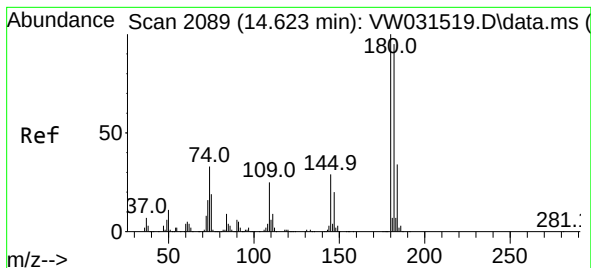
Ion Ratio Lower Upper

75 100

155 78.1 56.6 85.0

157 96.7 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 27.468 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

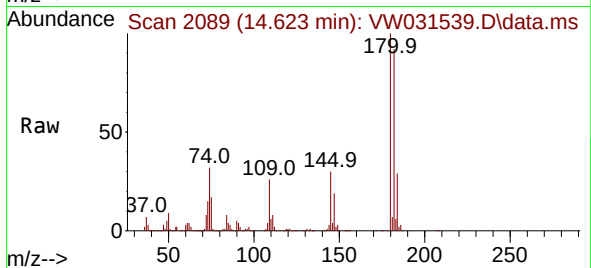
Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 320034

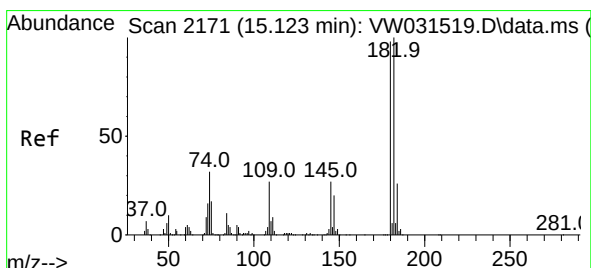
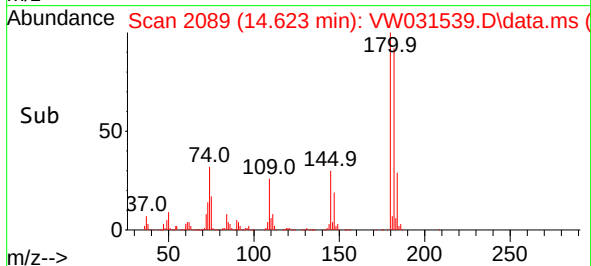
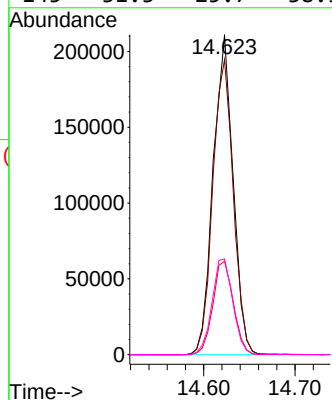
Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.4

184 30.0 24.6 36.8

145 31.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 27.655 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031539.D

Acq: 26 Dec 2024 19:23

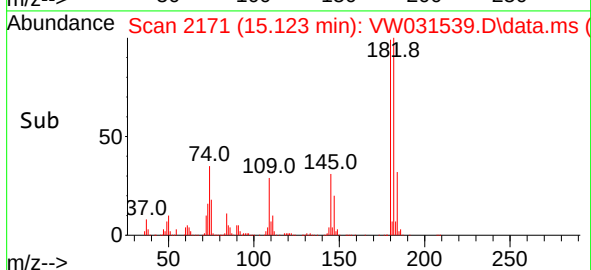
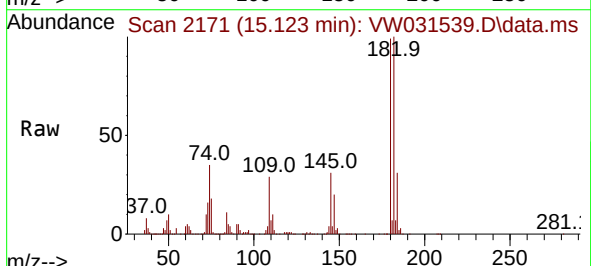
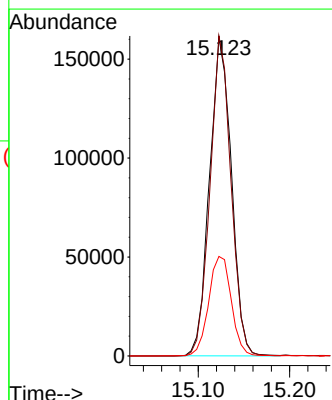
Tgt Ion:180 Resp: 268028

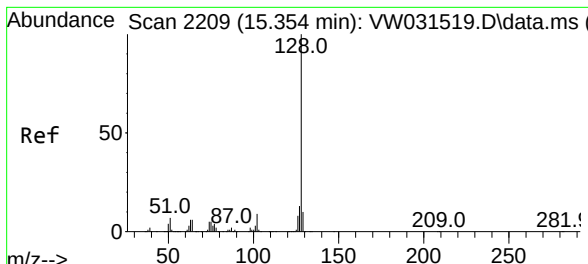
Ion Ratio Lower Upper

180 100

182 95.7 78.2 117.2

145 32.1 26.7 40.1

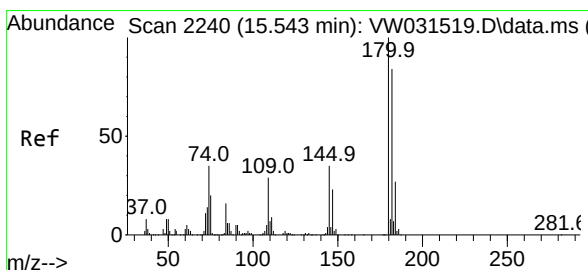
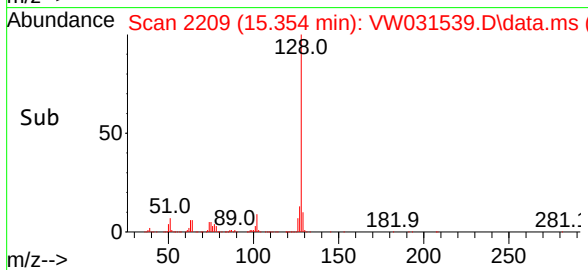
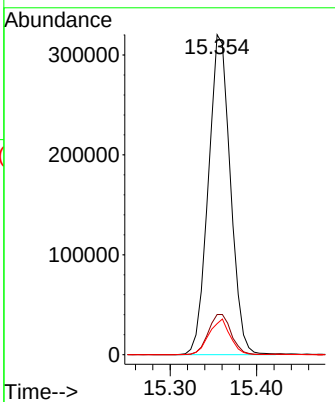
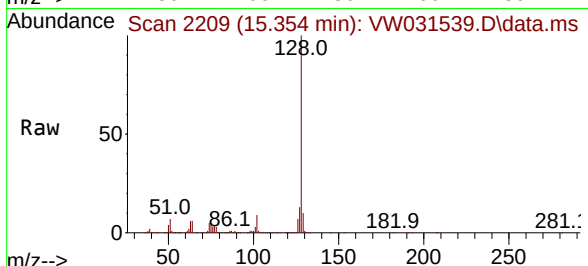




#71
Naphthalene
Concen: 33.349 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	566666
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.7	16.1
129	10.7	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 30.644 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW031539.D
Acq: 26 Dec 2024 19:23

Tgt Ion:	180	Resp:	239291
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.0	112.4
145	33.7	27.8	41.6

