

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031538.D
 Acq On : 26 Dec 2024 18:59
 Operator : SY/MD
 Sample : P5378-05MSD
 Misc : 6.09g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

Quant Time: Dec 27 00:28:51 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	289585	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	118694	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	80494	18.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.880%
7) Chloroethane-d5	2.893	69	72197	22.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	4.021	65	38038	18.404	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.600%
21) 2-Butanone-d5	7.081	46	57112	69.601	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.200%#
24) Chloroform-d	7.648	84	179102	22.573	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	8.307	65	110031	27.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.440%
32) Benzene-d6	8.276	84	336197	20.260	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.040%
36) 1,2-Dichloropropane-d6	9.270	67	109189	22.577	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	10.319	98	293074	18.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.920%
43) trans-1,3-Dichloroprop...	10.575	79	47144	21.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.560%
47) 2-Hexanone-d5	10.922	63	44315	68.137	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.280%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99650	32.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.280%#
66) 1,2-Dichlorobenzene-d4	13.849	152	95406	21.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	41721	15.941	ug/L	100
3) Chloromethane	2.216	50	51104	17.381	ug/L	95
5) Vinyl chloride	2.369	62	65726	16.131	ug/L	96
6) Bromomethane	2.790	94	53461	21.341	ug/L	98
8) Chloroethane	2.930	64	47500	19.602	ug/L	98
9) Trichlorofluoromethane	3.271	101	94413	21.751	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	64461	18.390	ug/L	96
12) 1,1-Dichloroethene	4.045	96	54933	15.474	ug/L	91
13) Acetone	4.143	43	85711	75.004	ug/L #	100
14) Carbon disulfide	4.387	76	137756	11.898	ug/L	97
15) Methyl Acetate	4.679	43	41572	32.029	ug/L	96
16) Methylene chloride	4.917	84	77302	21.216	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	62277	16.274	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	210377	32.885	ug/L	99
19) 1,1-Dichloroethane	6.222	63	135126	18.897	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	86651	20.929	ug/L	99
22) 2-Butanone	7.173	43	81410	58.795	ug/L	96
23) Bromochloromethane	7.514	128	40608	24.593	ug/L	93
25) Chloroform	7.679	83	147039	20.835	ug/L	97

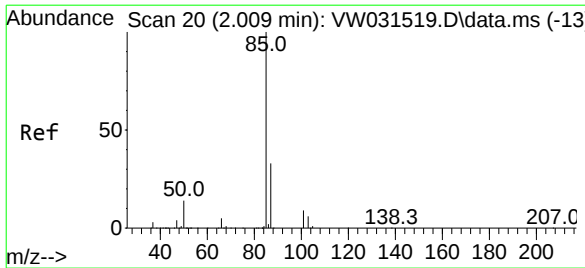
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	115161	25.955	ug/L	99
29) Cyclohexane	7.953	56	94551	13.467	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	109942	16.430	ug/L	99
31) Carbon tetrachloride	8.063	117	89051	14.937	ug/L	100
33) Benzene	8.325	78	280249	17.516	ug/L	100
34) Trichloroethene	9.093	95	73397	16.249	ug/L	96
35) Methylcyclohexane	9.331	83	103895	13.208	ug/L	97
37) 1,2-Dichloropropane	9.368	63	83203	20.846	ug/L	100
38) Bromodichloromethane	9.642	83	107840	20.783	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	131126	19.442	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	129775	61.286	ug/L	97
42) Toluene	10.386	91	285154	16.370	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	114457	20.784	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	73759	27.783	ug/L	98
46) Tetrachloroethene	10.861	164	45854	13.859	ug/L	91
48) 2-Hexanone	10.965	43	112338	62.377	ug/L	98
49) Dibromochloromethane	11.123	129	72137	22.923	ug/L	97
50) 1,2-Dibromoethane	11.233	107	71081	28.264	ug/L	92
51) Chlorobenzene	11.654	112	188733	17.281	ug/L	97
52) Ethylbenzene	11.727	91	294088	14.567	ug/L	99
53) m,p-Xylene	11.831	106	115725	15.058	ug/L	98
54) o-Xylene	12.160	106	118846	16.408	ug/L	97
55) Styrene	12.178	104	205855	17.086	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	94063	32.868	ug/L	99
59) Bromoform	12.343	173	41409	24.834	ug/L	99
60) Isopropylbenzene	12.459	105	284669	14.656	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	68272	33.614	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	239931	14.570	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	264930	16.645	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	138653	17.619	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	136023	17.445	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	137331	20.253	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	15698	30.457	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	88858	16.122	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	82223	17.934	ug/L	99
71) Naphthalene	15.354	128	231593	28.812	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	74328	20.121	ug/L	93

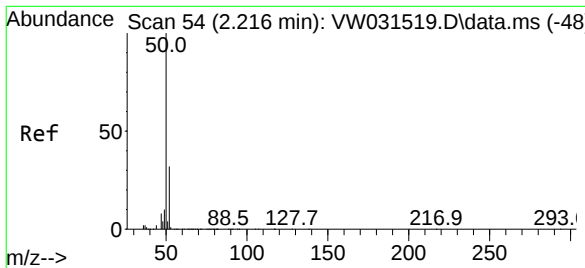
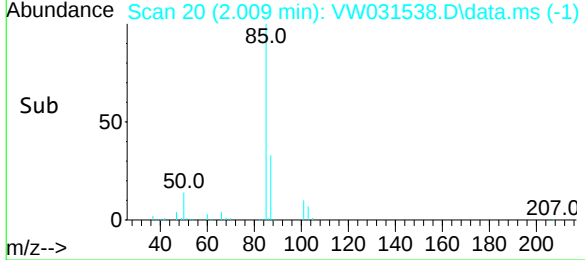
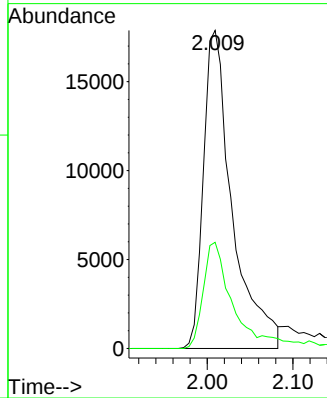
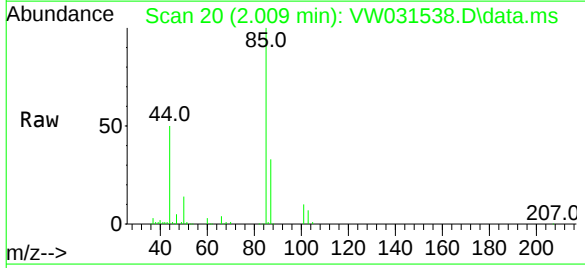
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#2
 Dichlorodifluoromethane
 Concen: 15.941 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031538.D
 Acq: 26 Dec 2024 18:59

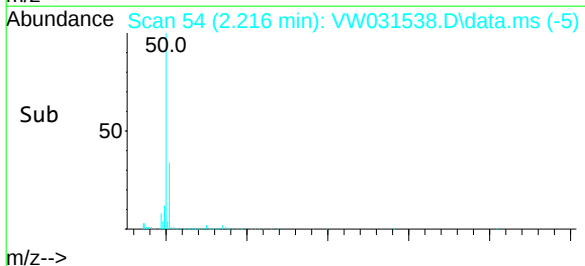
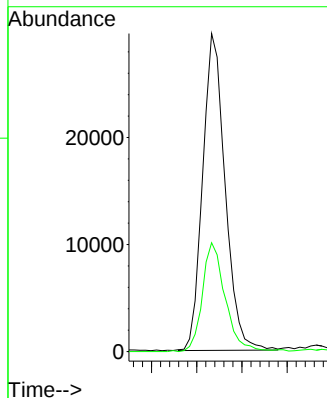
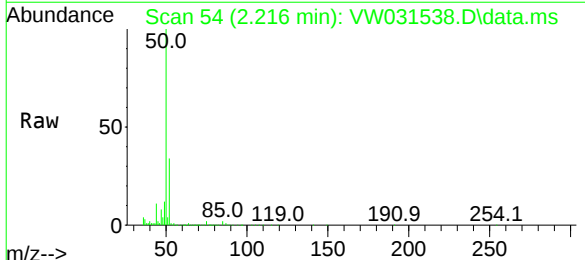
Instrument :
 MSVOA_W
 ClientSampleId :
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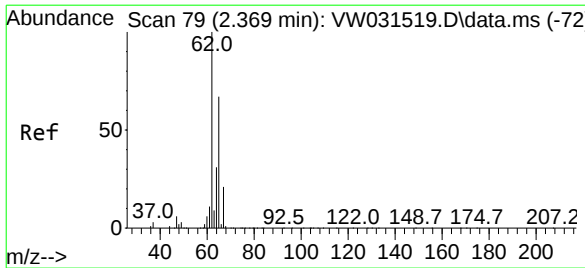
Tgt Ion: 85 Resp: 41721
 Ion Ratio Lower Upper
 85 100
 87 31.2 24.9 37.3



#3
 Chloromethane
 Concen: 17.381 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031538.D
 Acq: 26 Dec 2024 18:59

Tgt Ion: 50 Resp: 51104
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.0 41.0

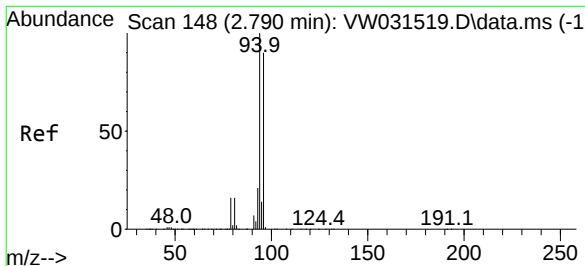
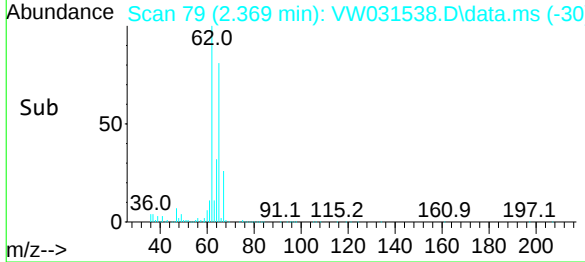
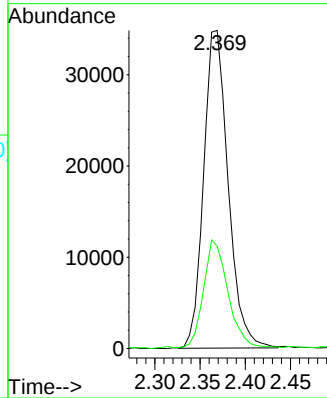
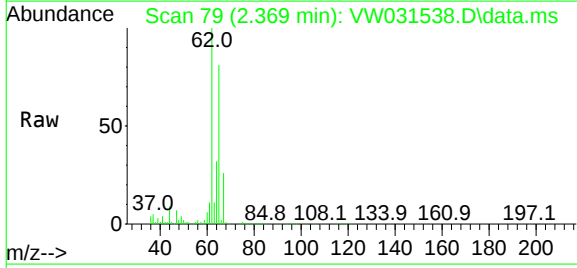




#5
 Vinyl chloride
 Concen: 16.131 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031538.D
 Acq: 26 Dec 2024 18:59

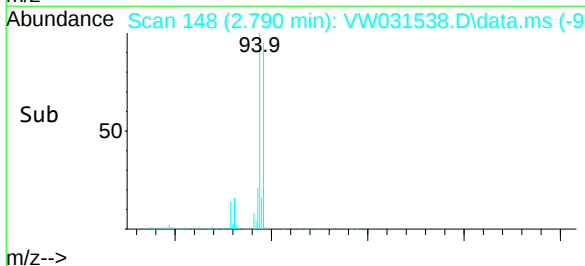
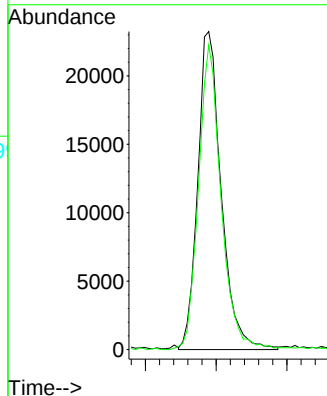
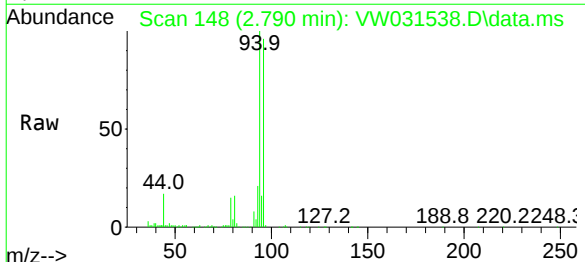
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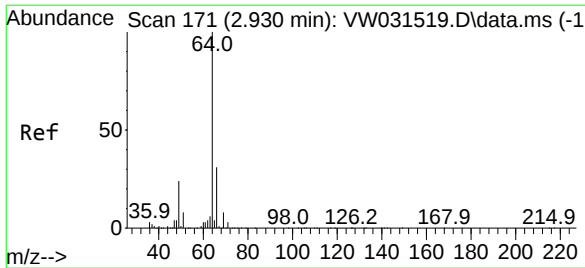
Tgt Ion: 62 Resp: 65726
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.1 44.8



#6
 Bromomethane
 Concen: 21.341 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031538.D
 Acq: 26 Dec 2024 18:59

Tgt Ion: 94 Resp: 53461
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.6 121.8

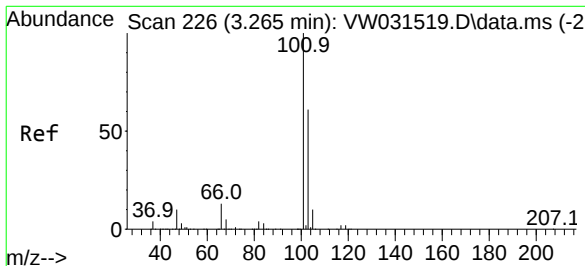
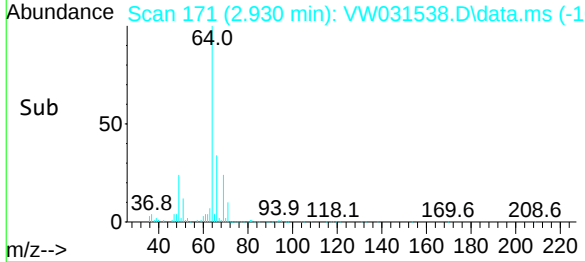
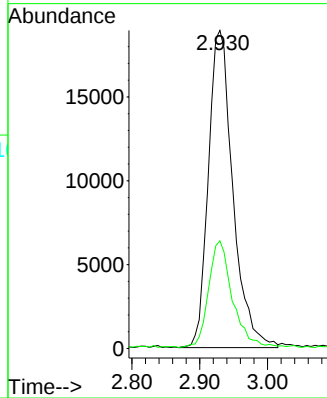
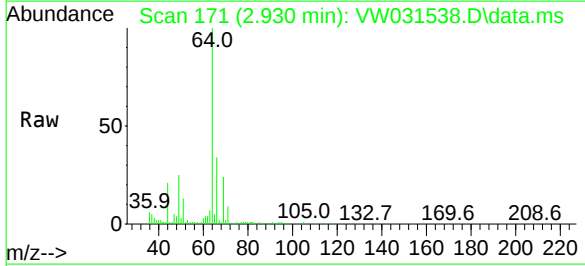




#8
Chloroethane
Concen: 19.602 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

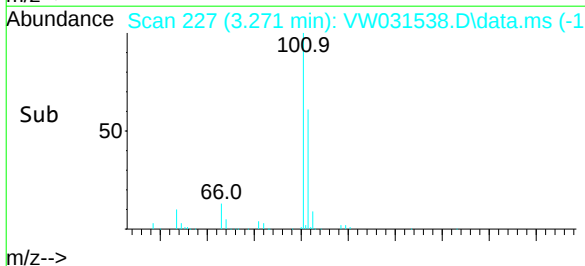
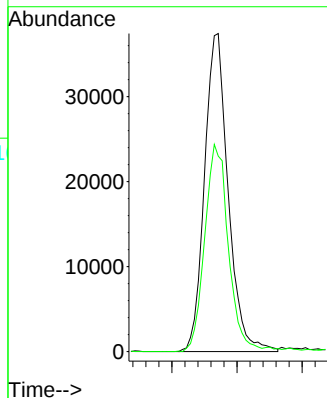
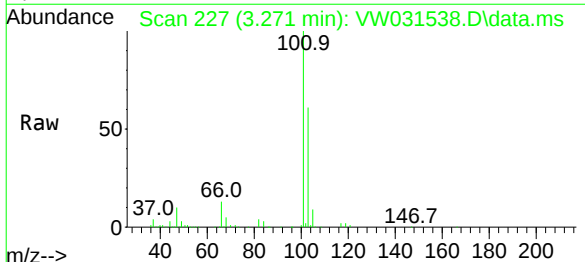
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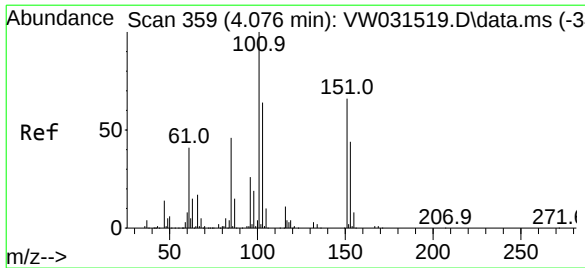
Tgt Ion: 64 Resp: 47500
Ion Ratio Lower Upper
64 100
66 33.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 21.751 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion: 101 Resp: 94413
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

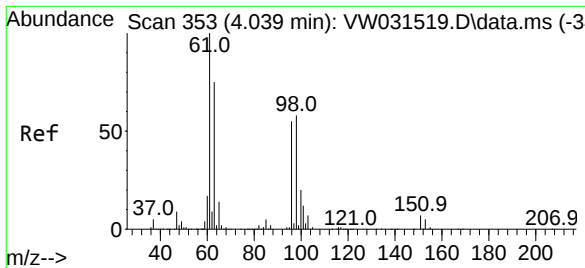
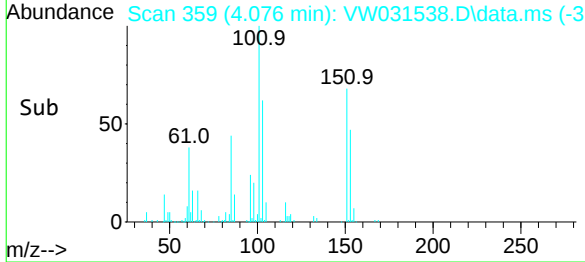
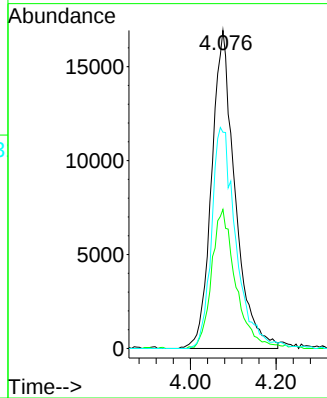
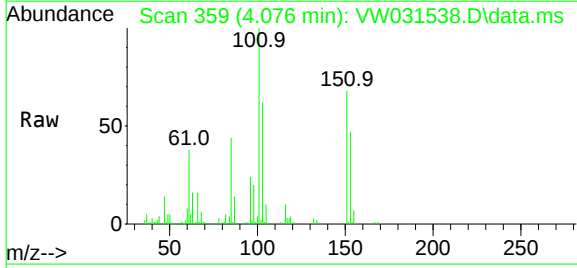




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.390 ug/L
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

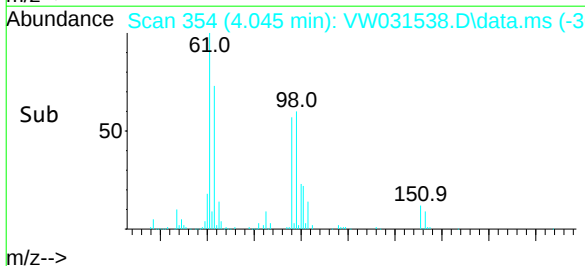
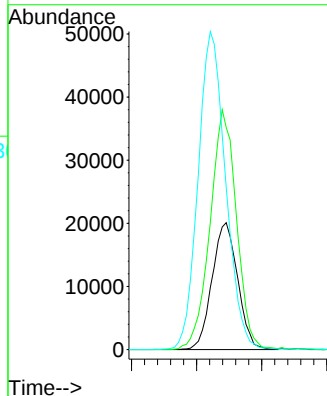
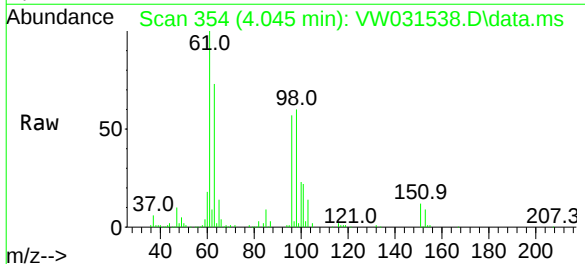
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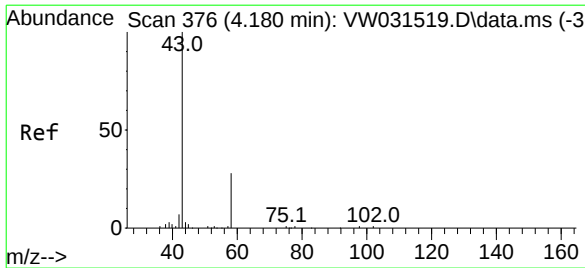
Tgt Ion:	101	Resp:	64461
Ion Ratio	Lower	Upper	
101	100		
85	44.7	33.0	49.4
151	71.5	54.8	82.2



#12
1,1-Dichloroethene
Concen: 15.474 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:	96	Resp:	54933
Ion Ratio	Lower	Upper	
96	100		
61	175.0	125.3	232.7
63	128.0	104.6	194.2





#13

Acetone

Concen: 75.004 ug/L

RT: 4.143 min Scan# 37

Delta R.T. -0.037 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

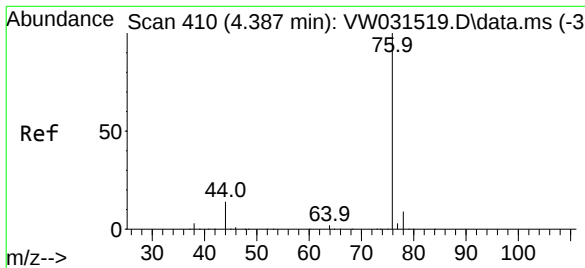
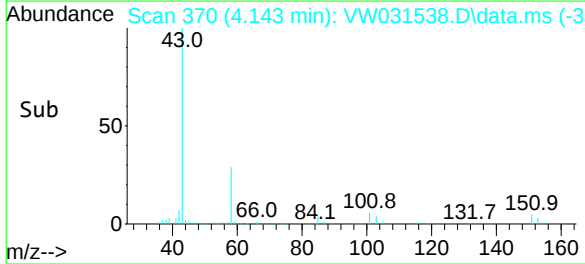
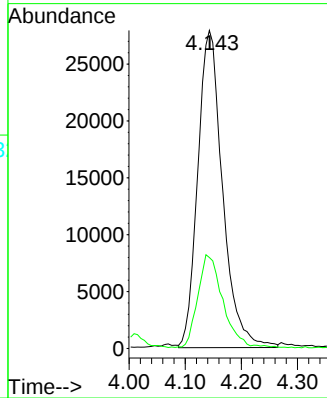
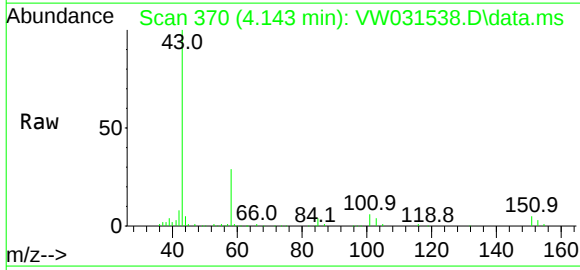
YE634MSD

Tgt Ion: 43 Resp: 85711

Ion Ratio Lower Upper

43 100

58 28.4 0.0 0.0#



#14

Carbon disulfide

Concen: 11.898 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW031538.D

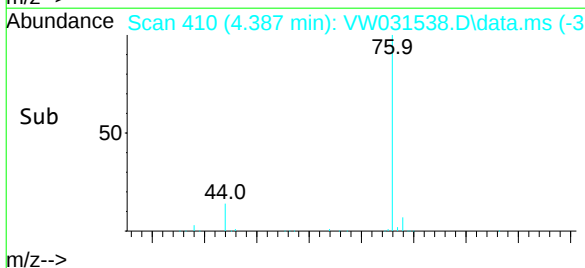
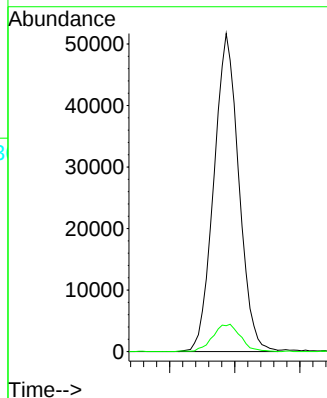
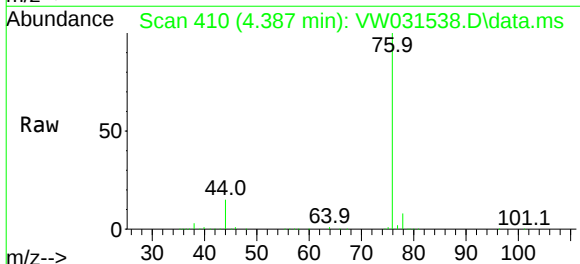
Acq: 26 Dec 2024 18:59

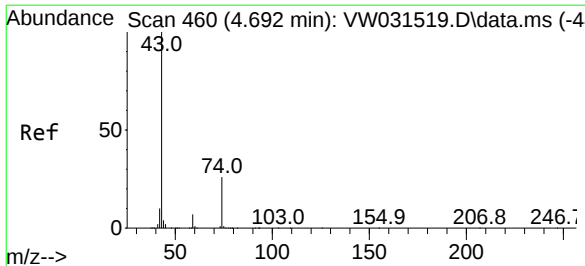
Tgt Ion: 76 Resp: 137756

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9





#15

Methyl Acetate

Concen: 32.029 ug/L

RT: 4.679 min Scan# 45

Delta R.T. -0.012 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

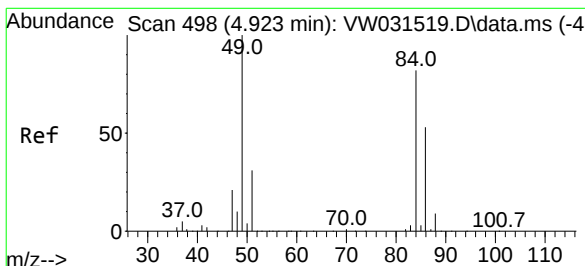
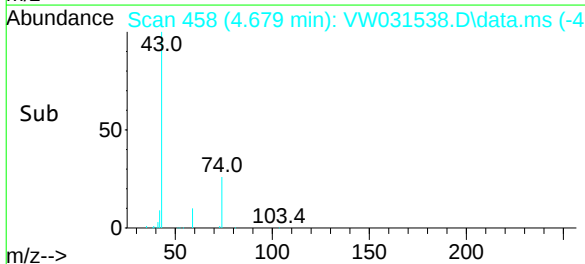
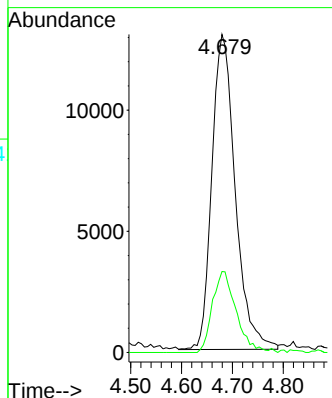
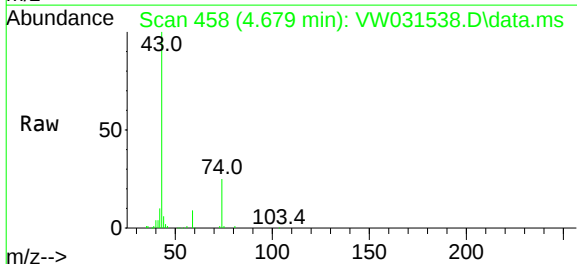
YE634MSD

Tgt Ion: 43 Resp: 41572

Ion Ratio Lower Upper

43 100

74 25.4 18.9 28.3



#16

Methylene chloride

Concen: 21.216 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

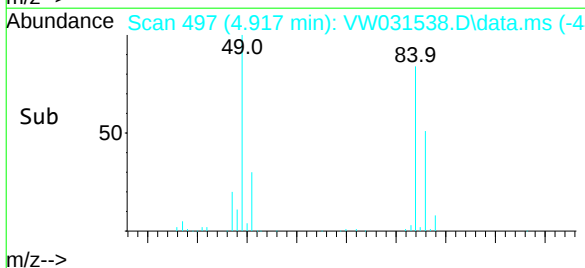
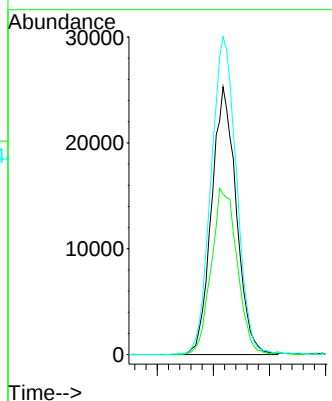
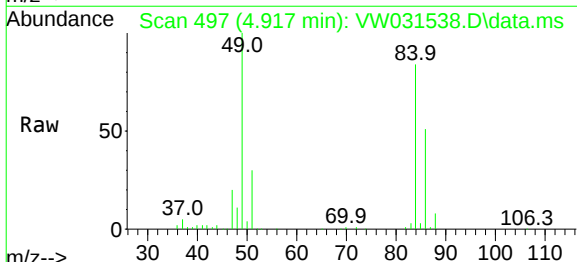
Tgt Ion: 84 Resp: 77302

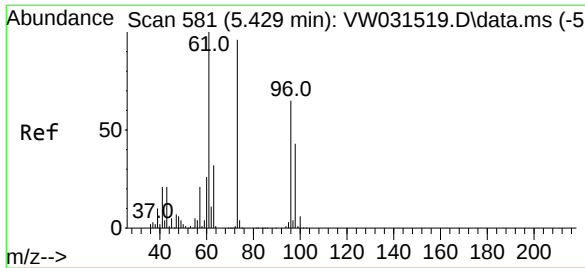
Ion Ratio Lower Upper

84 100

86 60.0 44.7 82.9

49 118.8 88.3 164.1

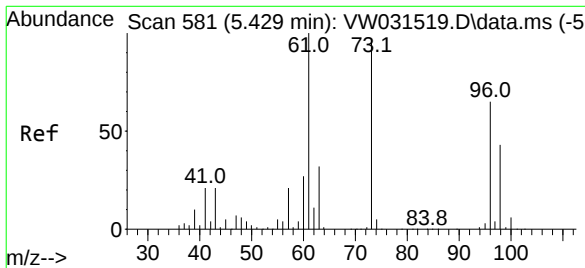
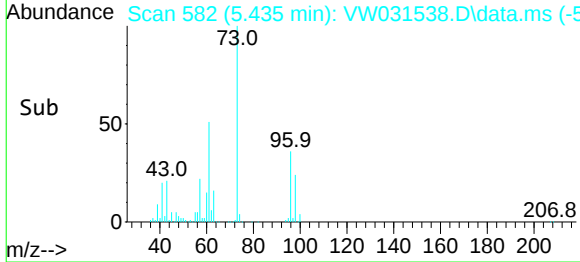
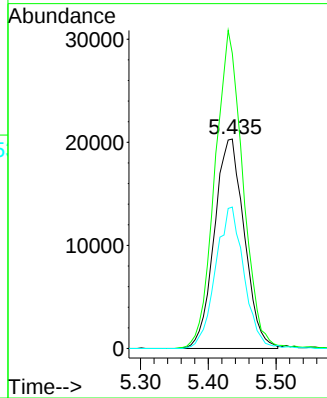
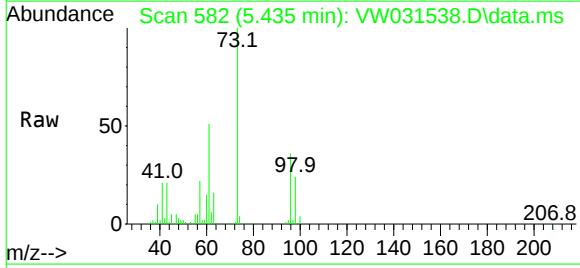




#17
trans-1,2-Dichloroethene
Concen: 16.274 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

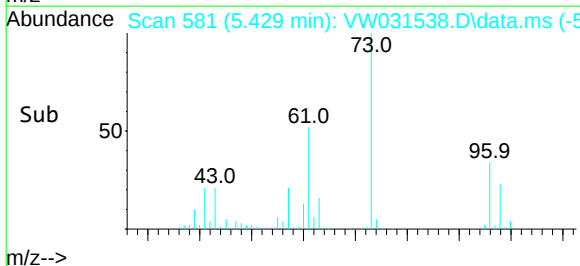
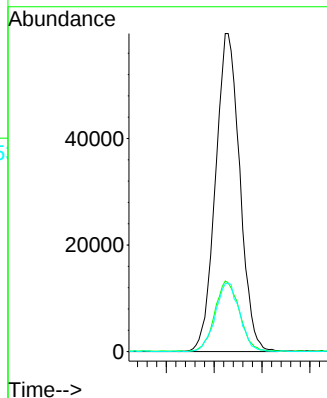
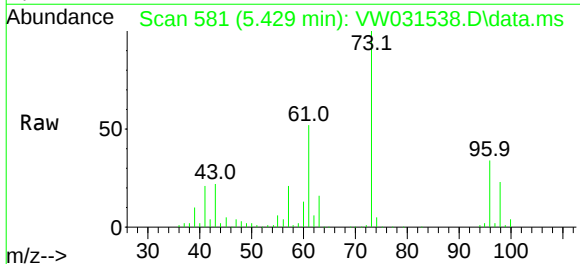
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

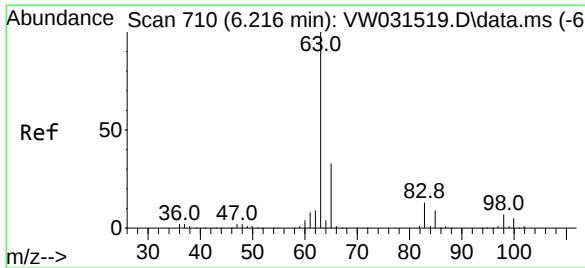
Tgt Ion:	96	Resp:	62277
Ion	Ratio	Lower	Upper
96	100		
61	140.9	100.7	187.1
98	67.5	43.8	81.3



#18
Methyl tert-butyl Ether
Concen: 32.885 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:	73	Resp:	210377
Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.9	26.9
57	21.6	17.9	26.9





#19

1,1-Dichloroethane

Concen: 18.897 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

YE634MSD

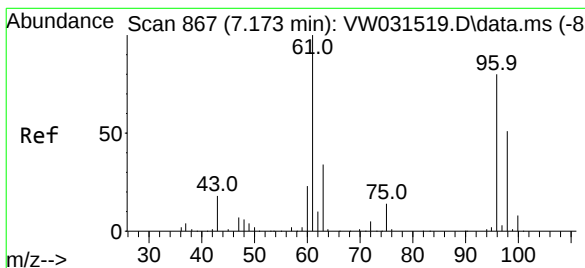
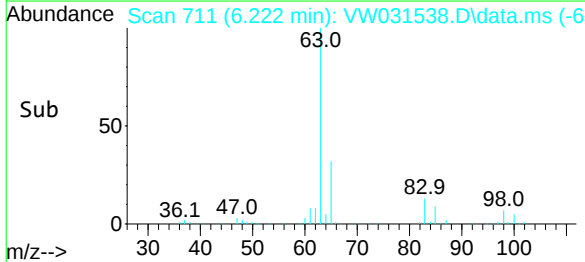
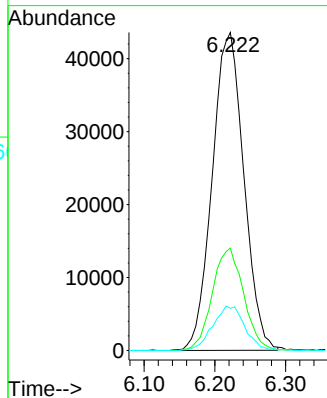
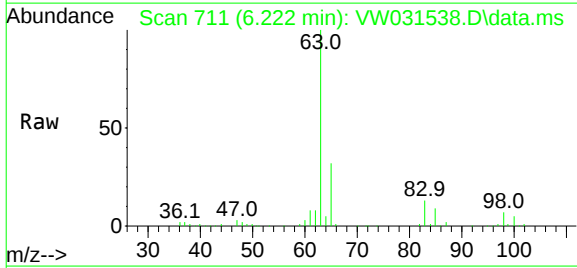
Tgt Ion: 63 Resp: 135126

Ion Ratio Lower Upper

63 100

65 32.2 21.9 40.7

83 13.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 20.929 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

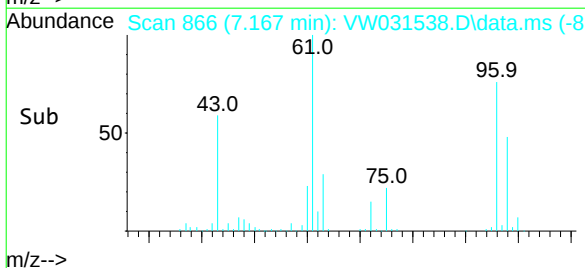
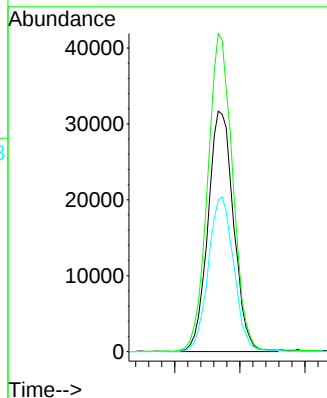
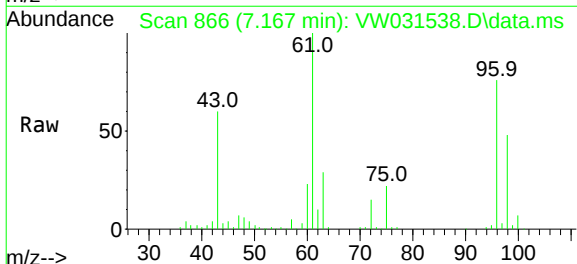
Tgt Ion: 96 Resp: 86651

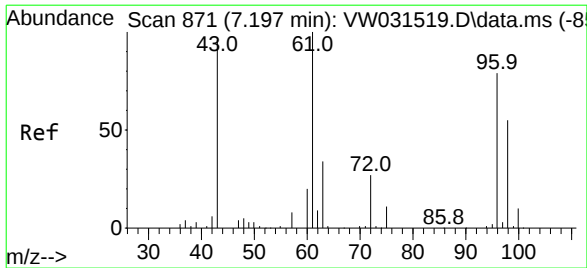
Ion Ratio Lower Upper

96 100

61 132.3 92.2 171.2

98 63.1 43.7 81.1

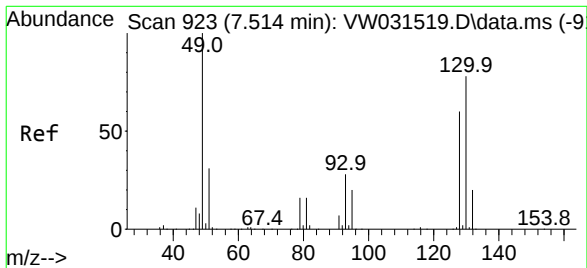
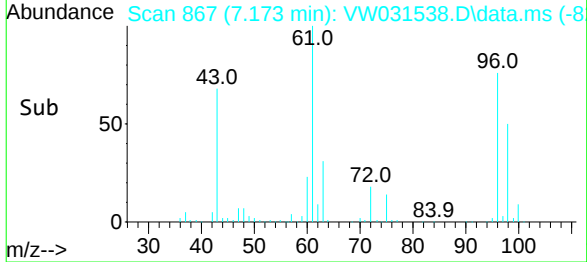
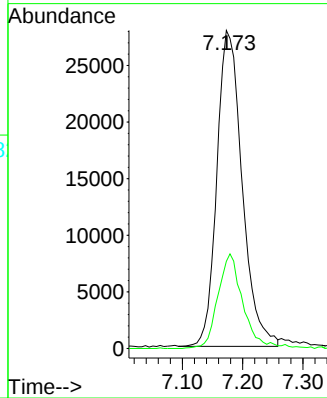
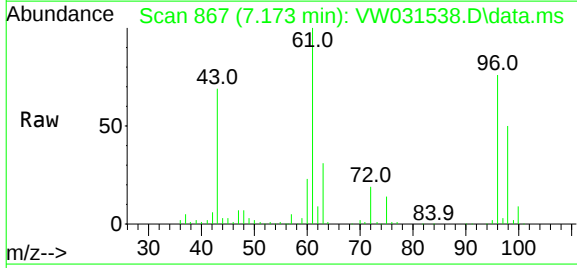




#22
2-Butanone
Concen: 58.795 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.024 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

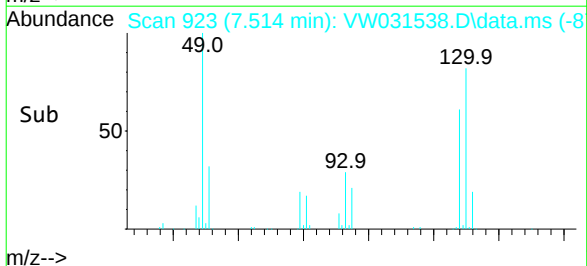
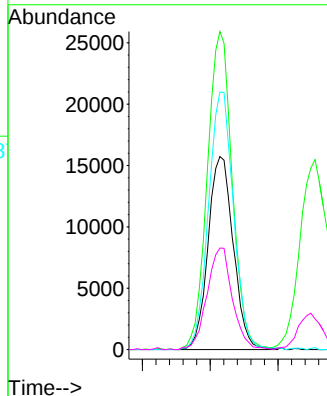
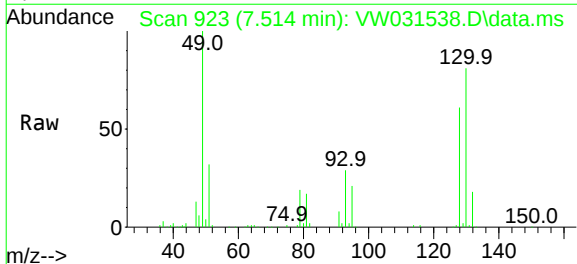
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

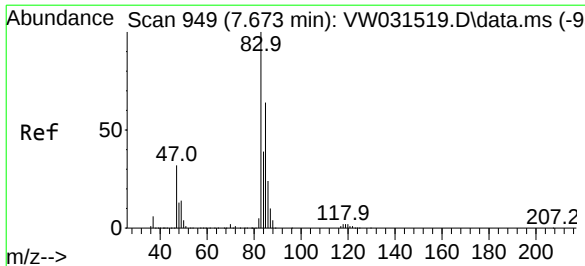
Tgt Ion: 43 Resp: 81410
Ion Ratio Lower Upper
43 100
72 28.6 13.3 39.8



#23
Bromochloromethane
Concen: 24.593 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion: 128 Resp: 40608
Ion Ratio Lower Upper
128 100
49 164.7 123.7 229.7
130 133.4 90.3 167.7
51 52.6 46.1 69.1





#25

Chloroform

Concen: 20.835 ug/L

RT: 7.679 min Scan# 95

Delta R.T. 0.006 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

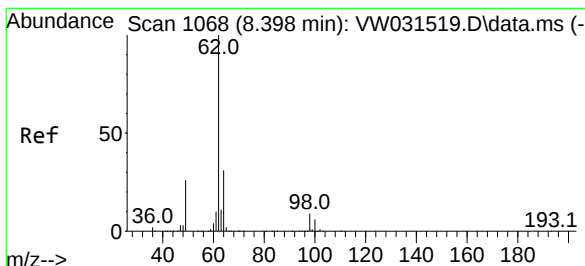
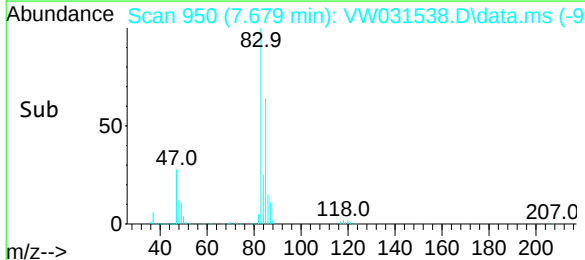
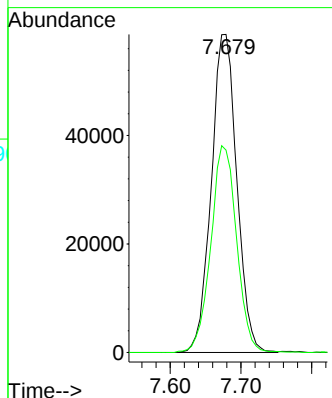
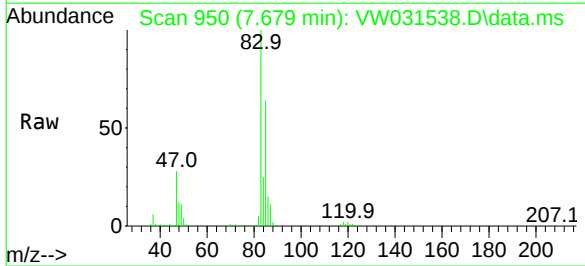
YE634MSD

Tgt Ion: 83 Resp: 147039

Ion Ratio Lower Upper

83 100

85 63.6 46.1 85.5



#27

1,2-Dichloroethane

Concen: 25.955 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031538.D

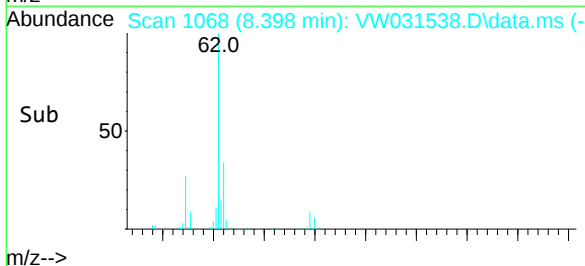
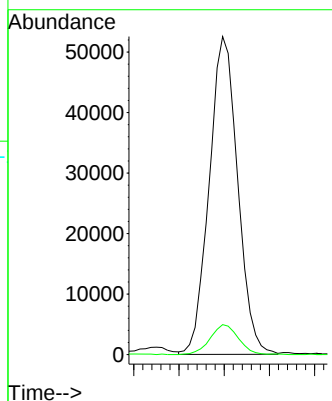
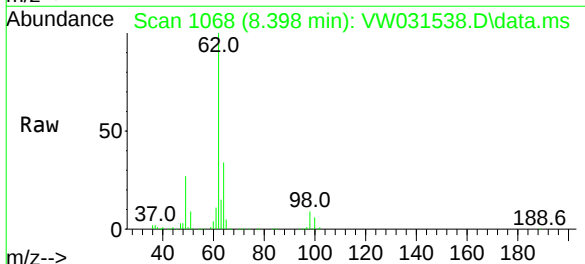
Acq: 26 Dec 2024 18:59

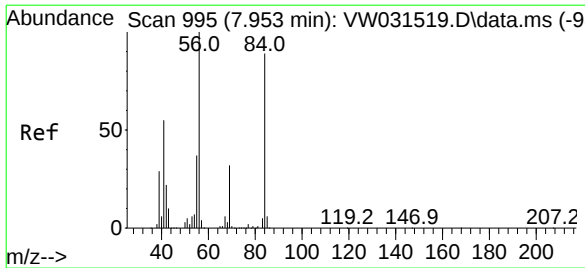
Tgt Ion: 62 Resp: 115161

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 13.467 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

YE634MSD

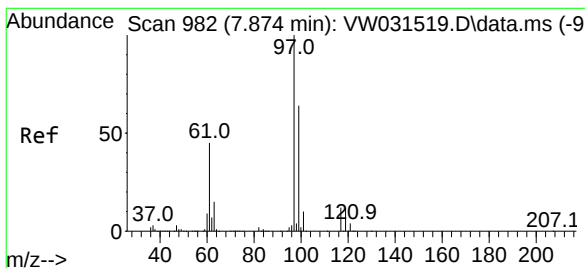
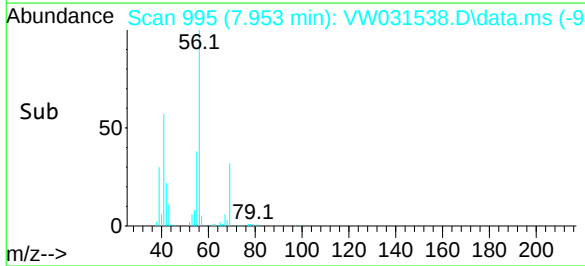
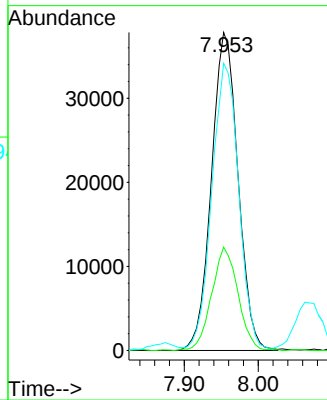
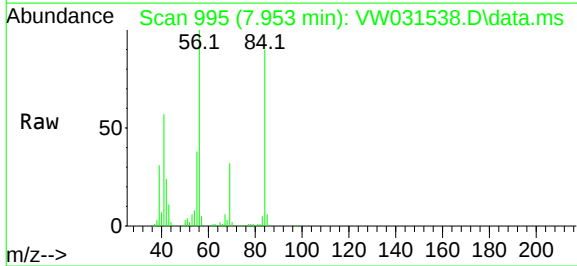
Tgt Ion: 56 Resp: 94551

Ion Ratio Lower Upper

56 100

69 32.0 25.0 37.4

84 91.0 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 16.430 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

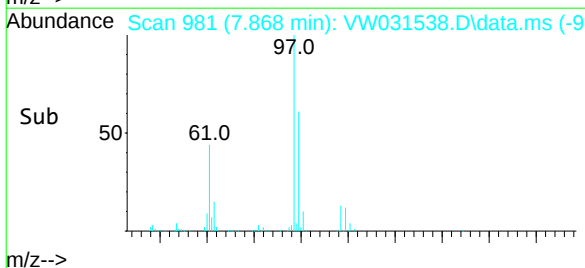
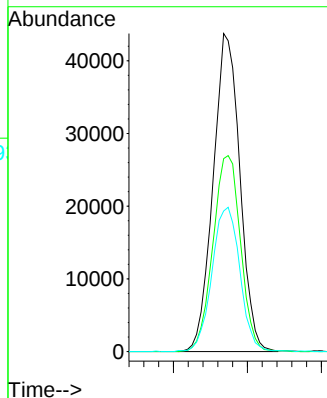
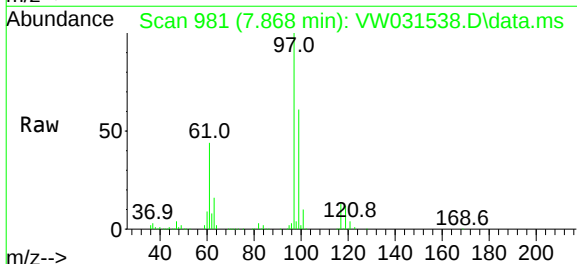
Tgt Ion: 97 Resp: 109942

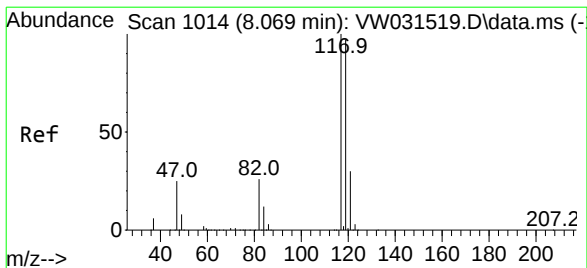
Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

61 46.8 36.3 54.5





#31

Carbon tetrachloride

Concen: 14.937 ug/L

RT: 8.063 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

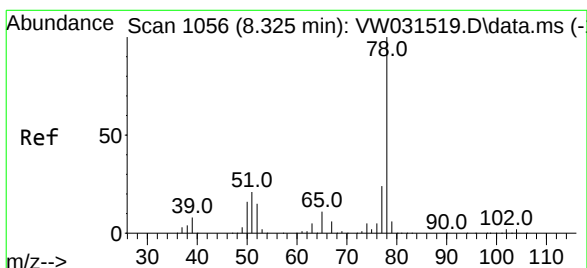
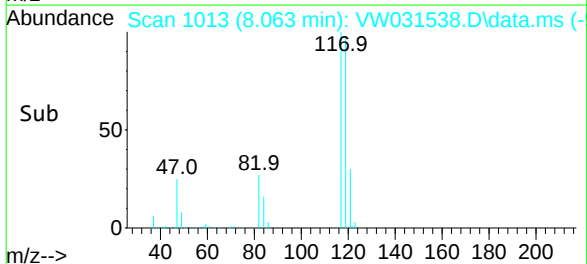
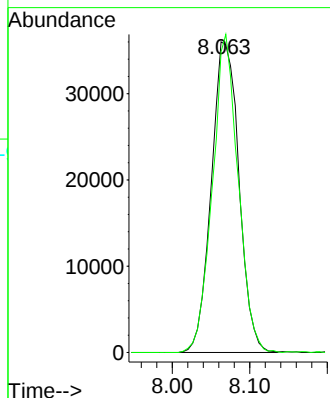
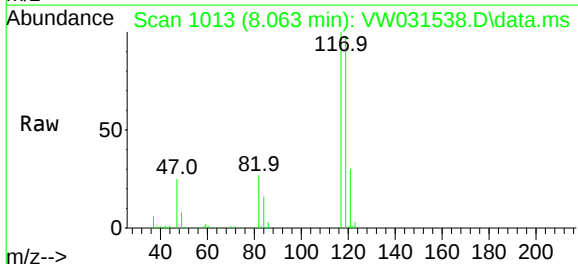
YE634MSD

Tgt Ion:117 Resp: 89051

Ion Ratio Lower Upper

117 100

119 95.3 76.0 114.0



#33

Benzene

Concen: 17.516 ug/L

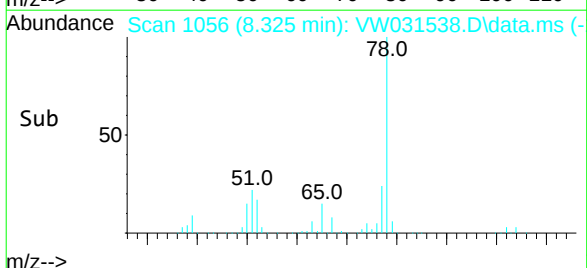
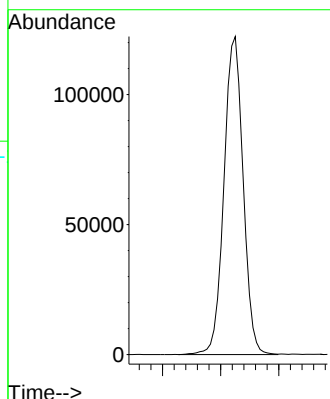
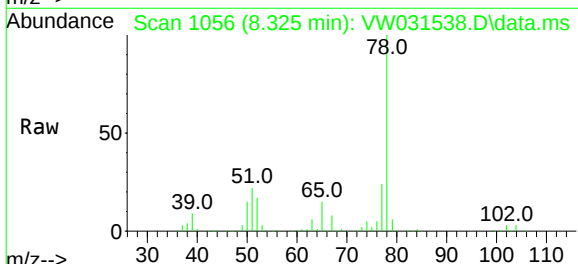
RT: 8.325 min Scan# 1056

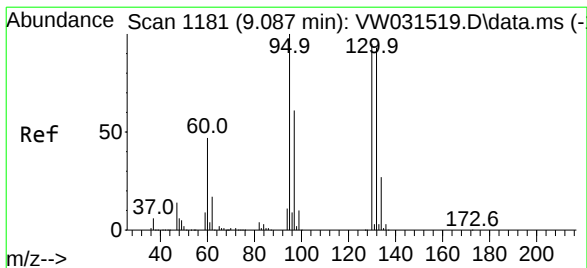
Delta R.T. 0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Tgt Ion: 78 Resp: 280249





#34

Trichloroethene

Concen: 16.249 ug/L

RT: 9.093 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

YE634MSD

Tgt Ion: 95 Resp: 73397

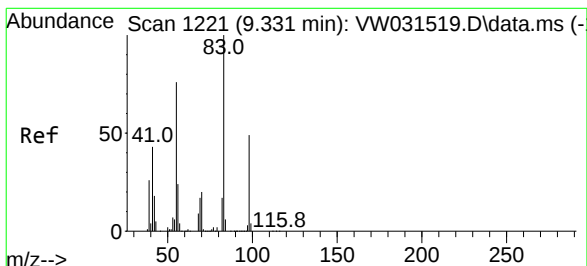
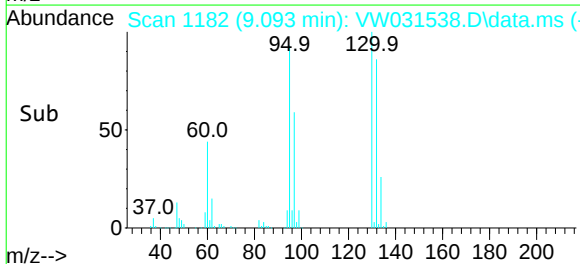
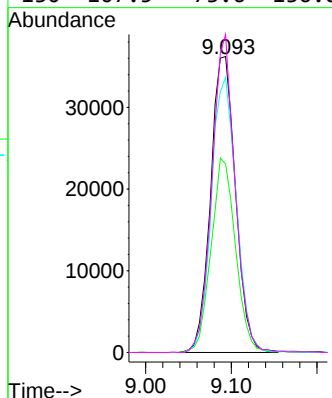
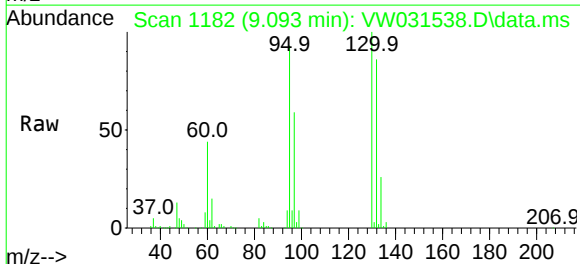
Ion Ratio Lower Upper

95 100

97 63.7 46.5 86.3

132 92.9 70.3 130.5

130 107.5 73.6 136.8



#35

Methylcyclohexane

Concen: 13.208 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

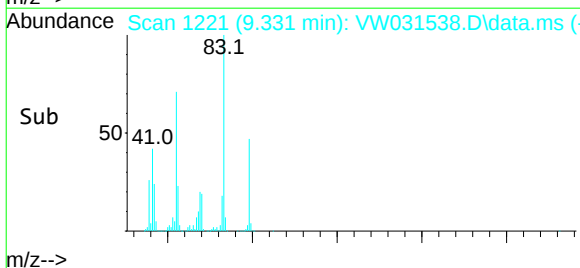
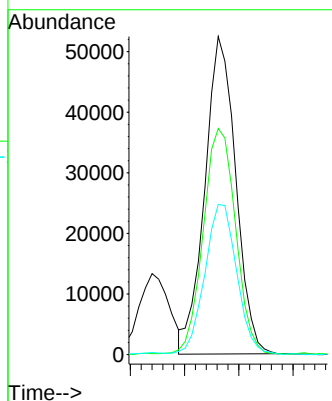
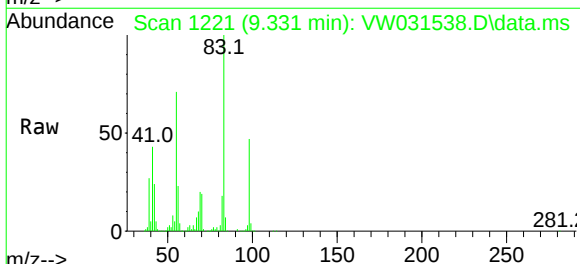
Tgt Ion: 83 Resp: 103895

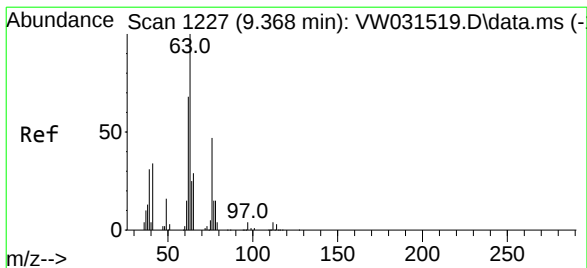
Ion Ratio Lower Upper

83 100

55 74.7 62.6 93.8

98 48.9 39.8 59.6





#37

1,2-Dichloropropane

Concen: 20.846 ug/L

RT: 9.368 min Scan# 12

Delta R.T. 0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

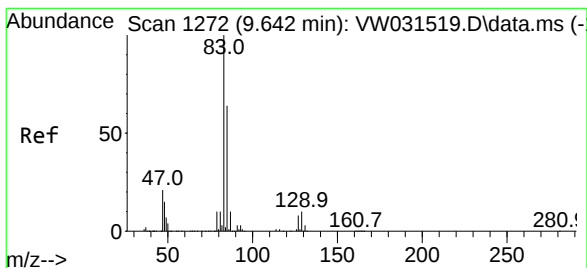
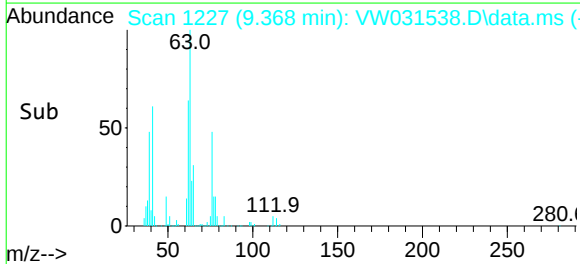
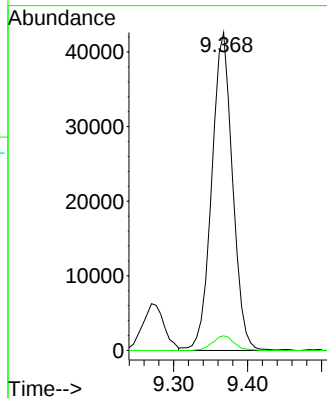
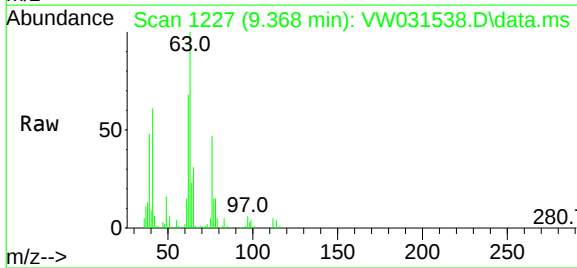
YE634MSD

Tgt Ion: 63 Resp: 83203

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 20.783 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

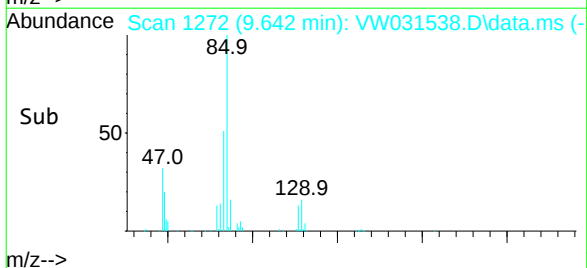
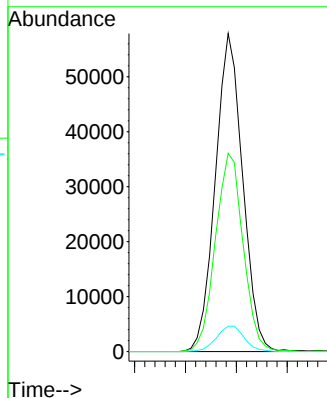
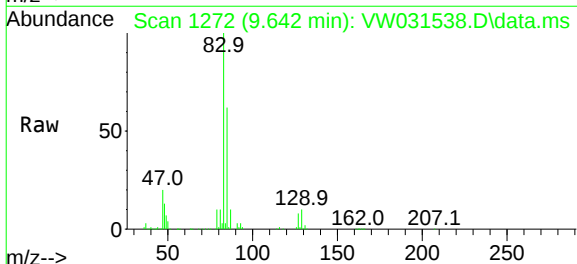
Tgt Ion: 83 Resp: 107840

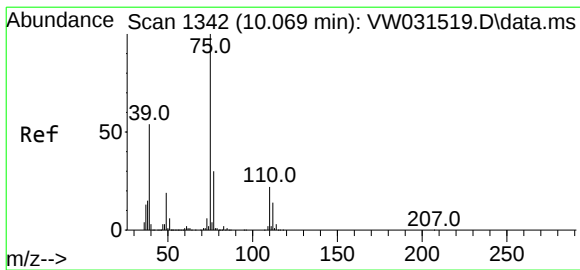
Ion Ratio Lower Upper

83 100

85 62.4 46.5 86.5

127 8.0 6.2 9.4

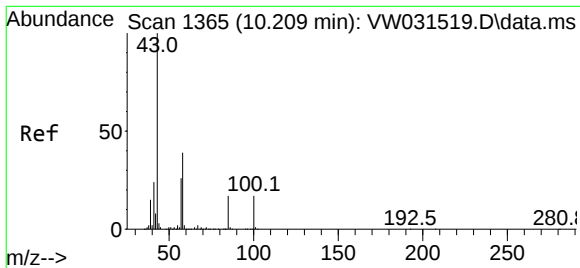
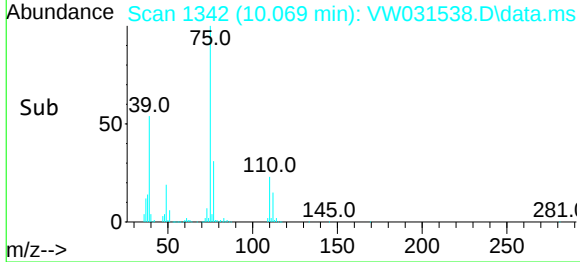
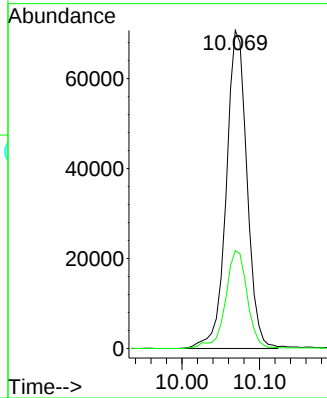
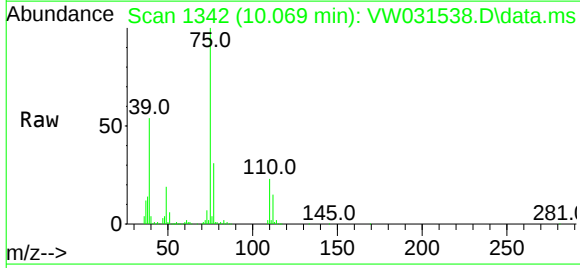




#39
cis-1,3-Dichloropropene
Concen: 19.442 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

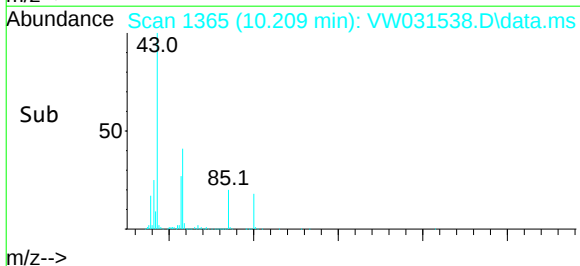
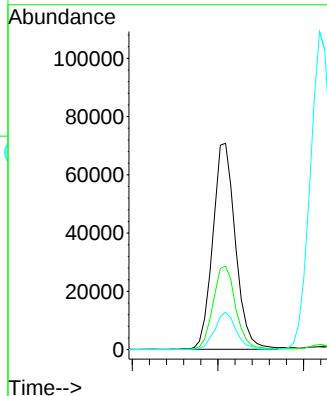
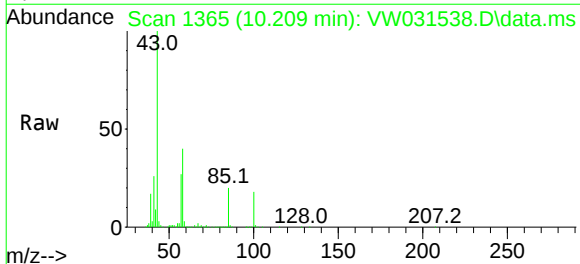
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

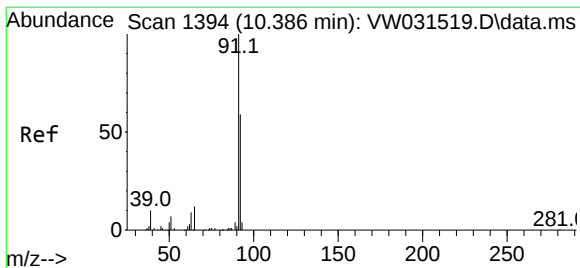
Tgt Ion: 75 Resp: 131126
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 61.286 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion: 43 Resp: 129775
Ion Ratio Lower Upper
43 100
58 40.7 31.1 46.7
100 17.3 13.0 19.6





#42

Toluene

Concen: 16.370 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

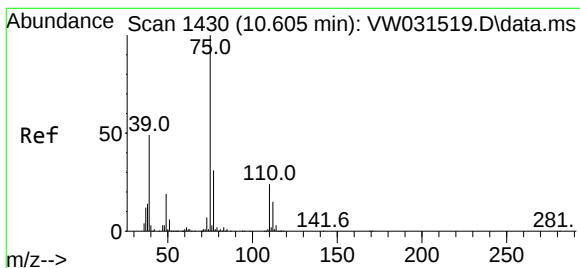
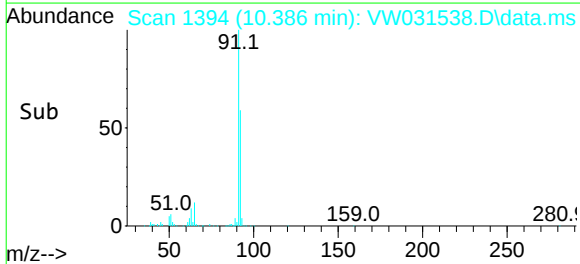
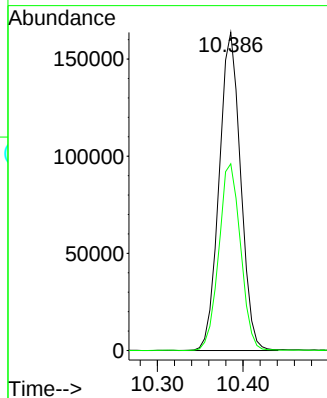
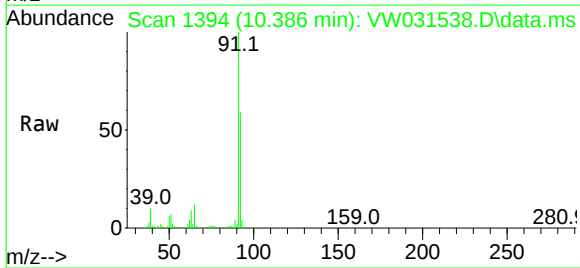
YE634MSD

Tgt Ion: 91 Resp: 285154

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 20.784 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031538.D

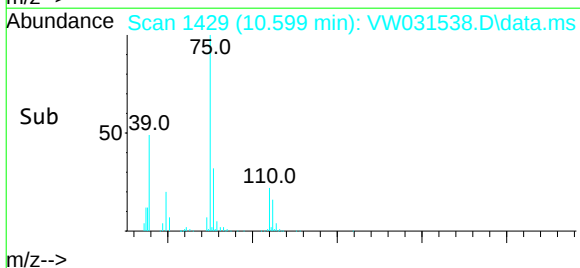
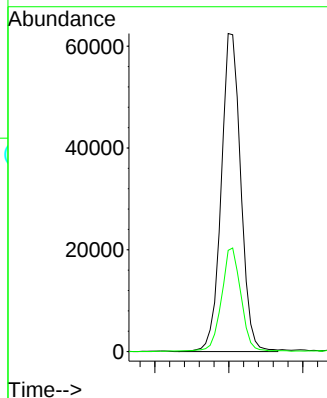
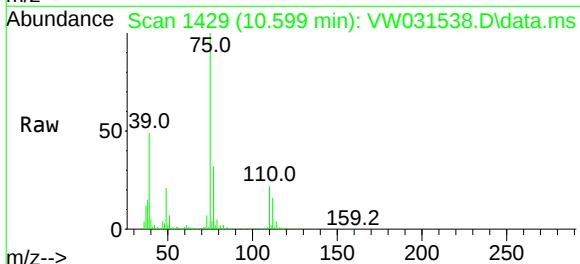
Acq: 26 Dec 2024 18:59

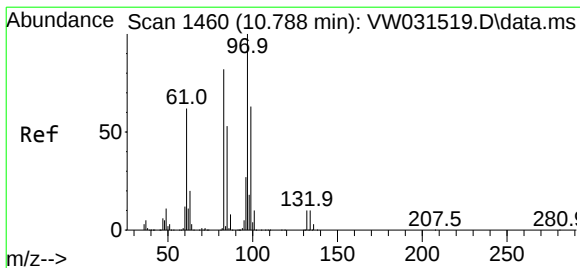
Tgt Ion: 75 Resp: 114457

Ion Ratio Lower Upper

75 100

77 31.8 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.783 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

YE634MSD

Tgt Ion: 97 Resp: 73759

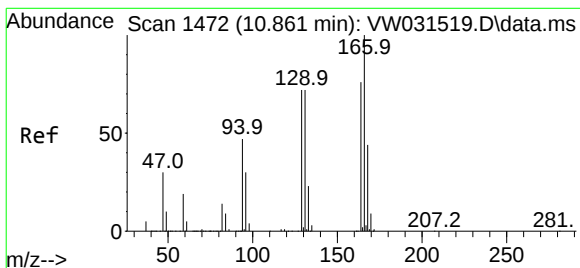
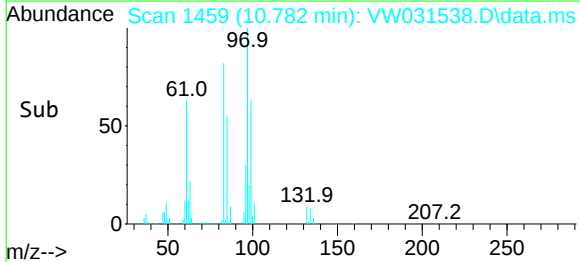
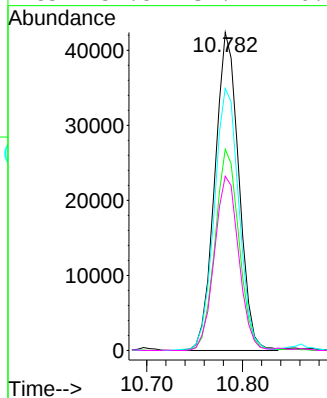
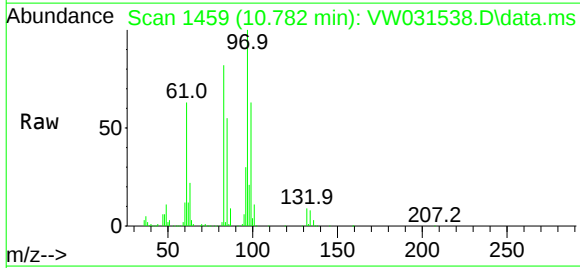
Ion Ratio Lower Upper

97 100

99 63.3 43.0 80.0

83 82.4 56.4 104.7

85 54.8 37.9 70.3



#46

Tetrachloroethene

Concen: 13.859 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Tgt Ion: 164 Resp: 45854

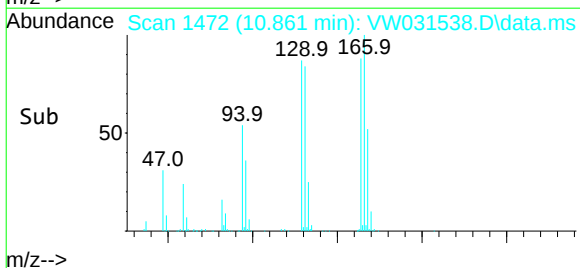
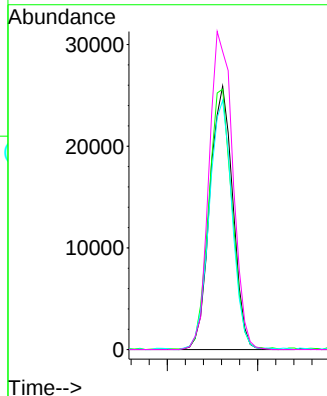
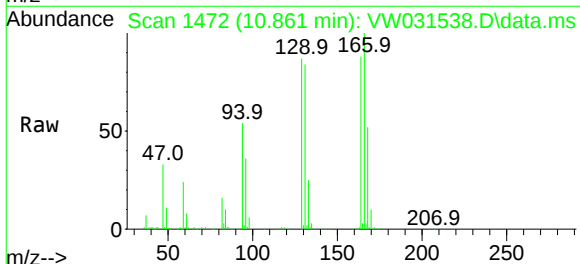
Ion Ratio Lower Upper

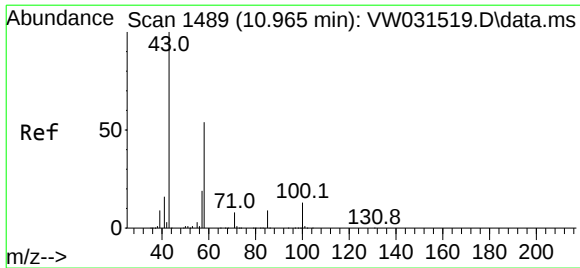
164 100

129 98.9 73.5 136.5

131 94.6 66.6 123.8

166 113.1 92.7 172.3

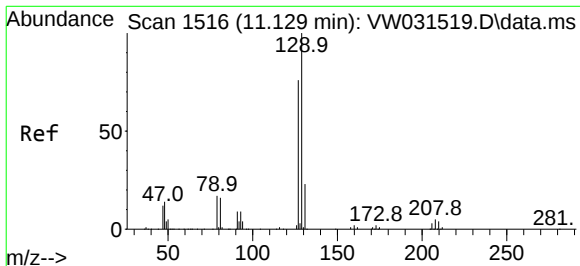
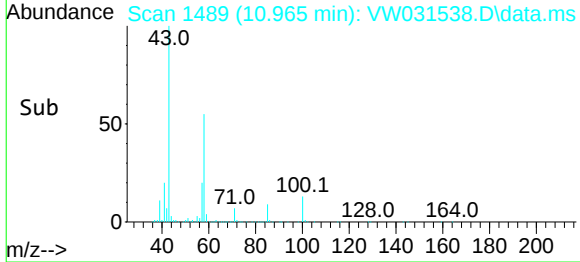
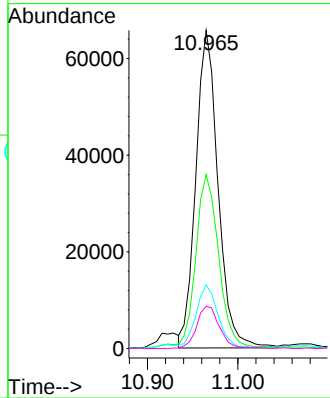
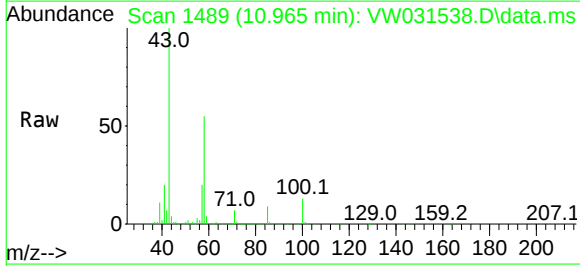




#48
2-Hexanone
Concen: 62.377 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

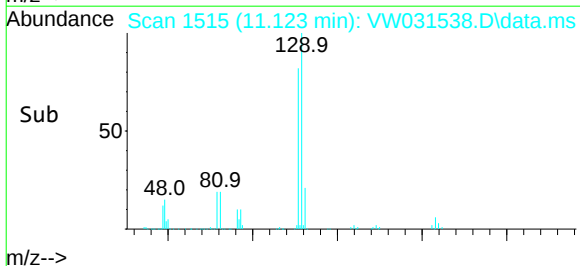
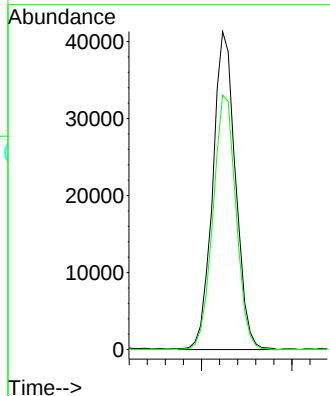
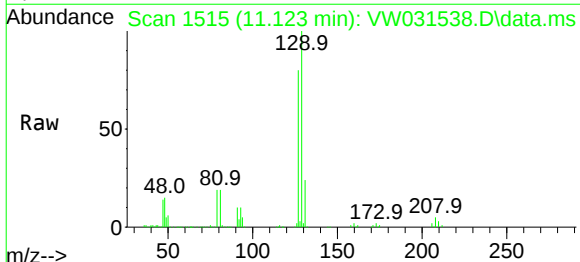
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

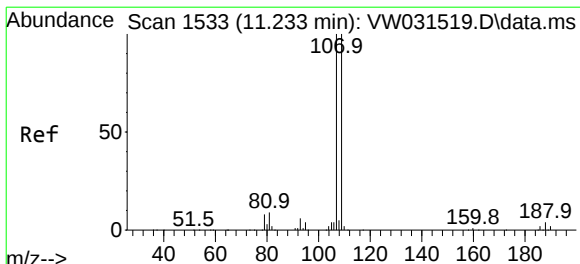
Tgt Ion:	43	Resp:	112338
Ion	Ratio	Lower	Upper
43	100		
58	56.1	43.0	64.6
57	19.8	15.7	23.5
100	13.7	10.3	15.5



#49
Dibromochloromethane
Concen: 22.923 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:	129	Resp:	72137
Ion	Ratio	Lower	Upper
129	100		
127	80.0	57.6	107.0

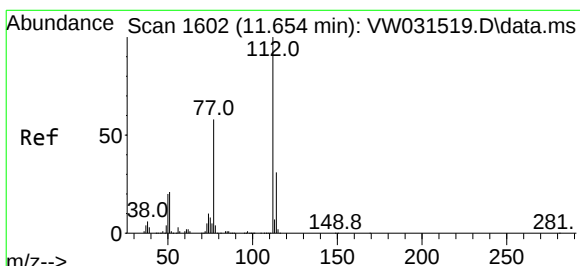
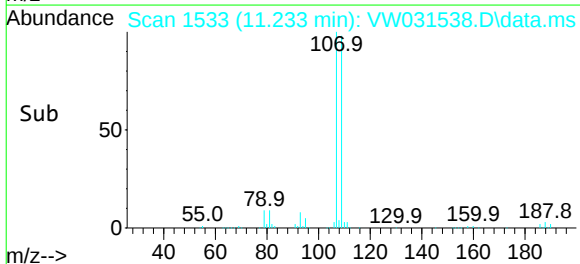
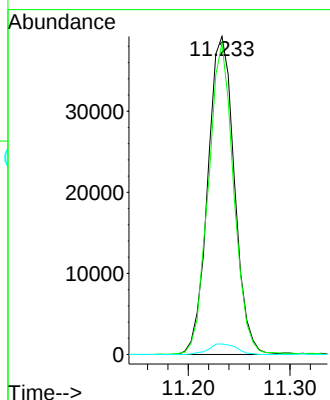
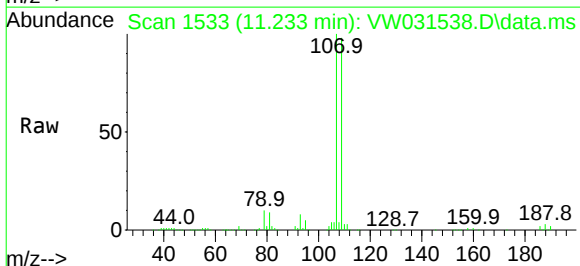




#50
1,2-Dibromoethane
Concen: 28.264 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

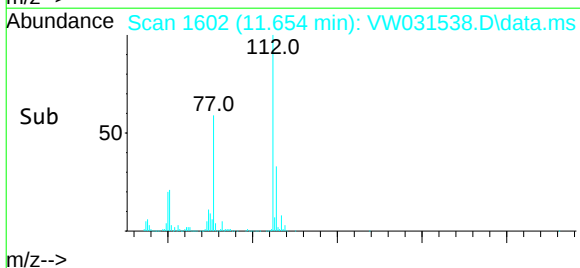
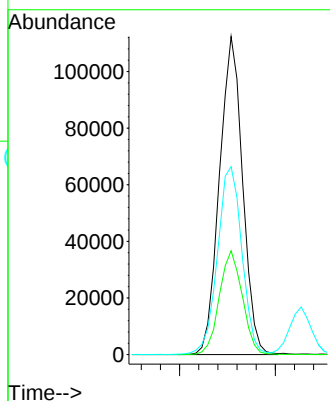
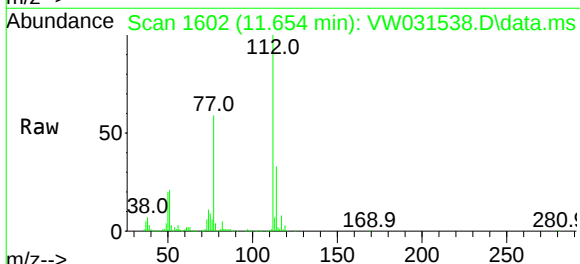
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

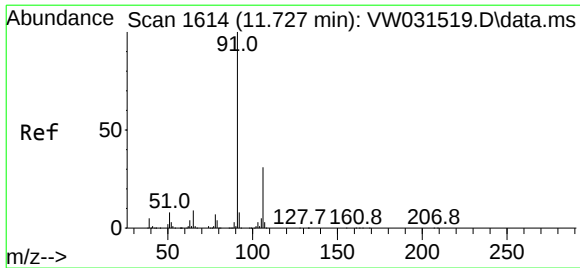
Tgt Ion:	107	Resp:	71081
Ion	Ratio	Lower	Upper
107	100		
109	97.9	63.2	117.4
188	3.3	2.6	4.0



#51
Chlorobenzene
Concen: 17.281 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:	112	Resp:	188733
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.3
77	59.1	50.2	75.4

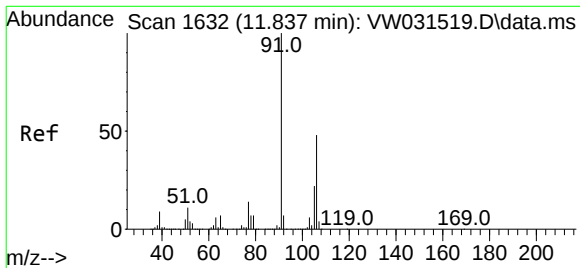
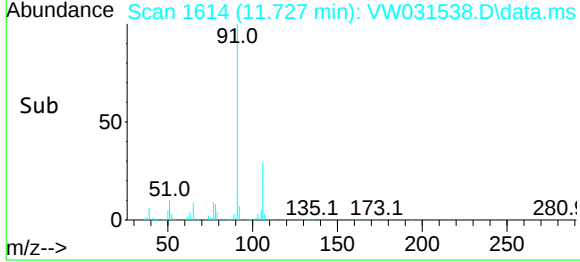
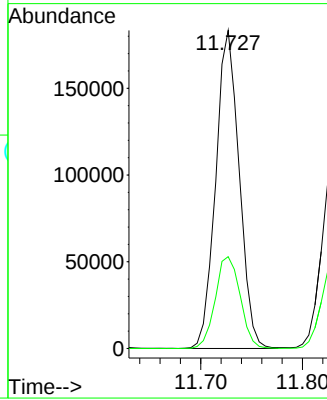
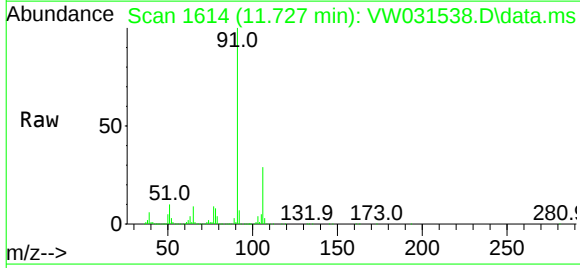




#52
 Ethylbenzene
 Concen: 14.567 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VW031538.D
 Acq: 26 Dec 2024 18:59

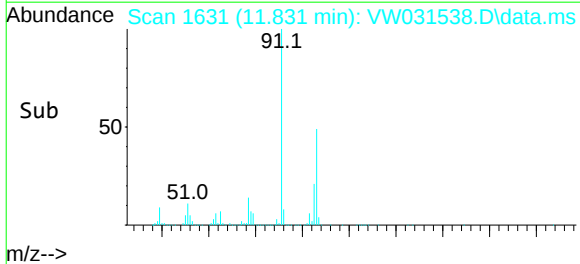
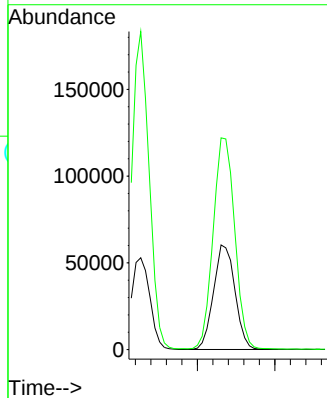
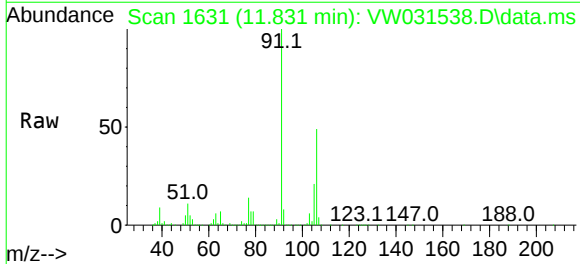
Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

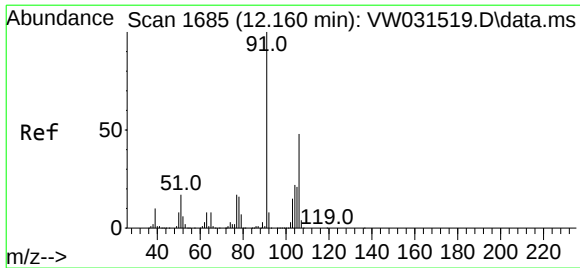
Tgt Ion:	91	Resp:	294088
Ion	Ratio	Lower	Upper
91	100		
106	28.9	20.7	38.5



#53
 m,p-Xylene
 Concen: 15.058 ug/L
 RT: 11.831 min Scan# 1631
 Delta R.T. -0.006 min
 Lab File: VW031538.D
 Acq: 26 Dec 2024 18:59

Tgt Ion:	106	Resp:	115725
Ion	Ratio	Lower	Upper
106	100		
91	202.3	139.9	259.7

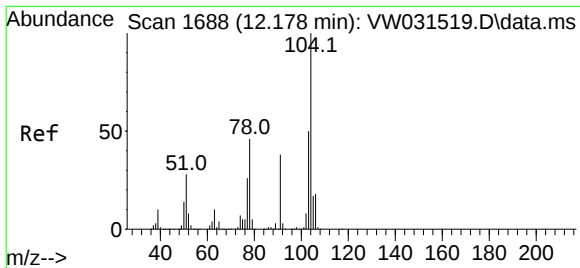
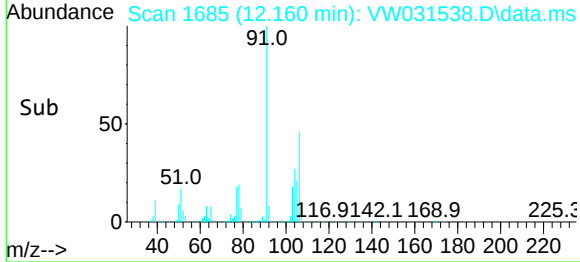
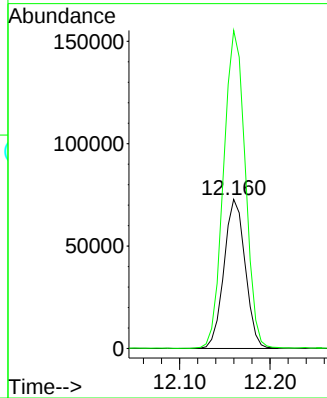
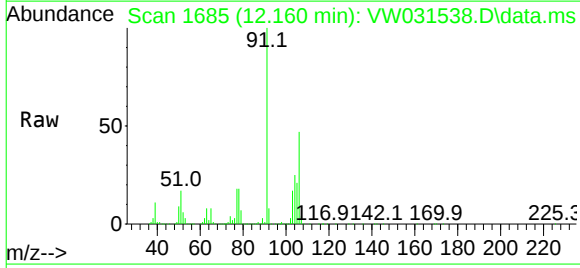




#54
o-Xylene
Concen: 16.408 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

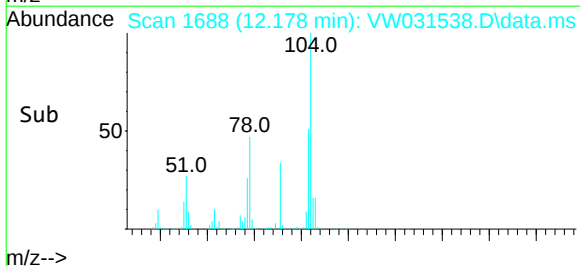
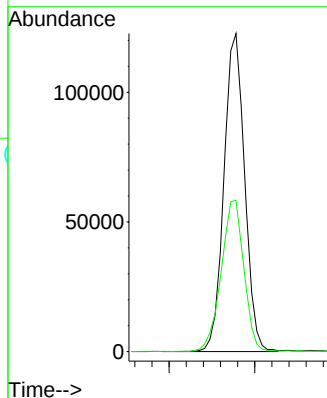
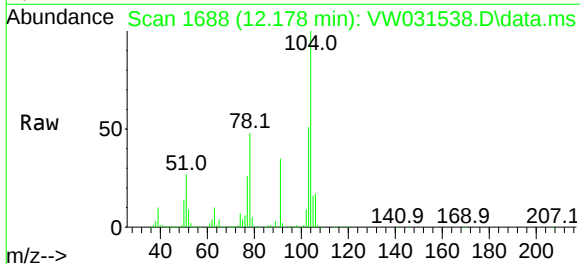
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

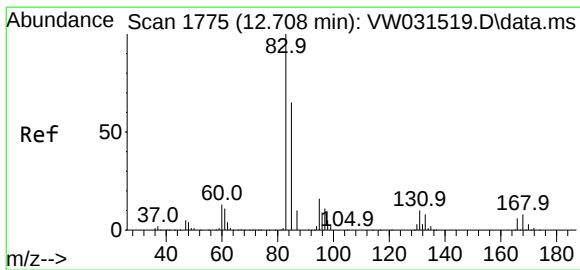
Tgt Ion:106 Resp: 118846
Ion Ratio Lower Upper
106 100
91 213.2 153.1 284.3



#55
Styrene
Concen: 17.086 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:104 Resp: 205855
Ion Ratio Lower Upper
104 100
78 47.6 31.4 58.4

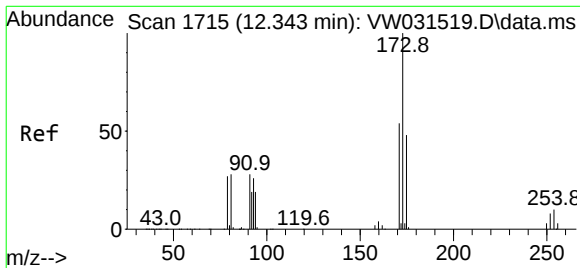
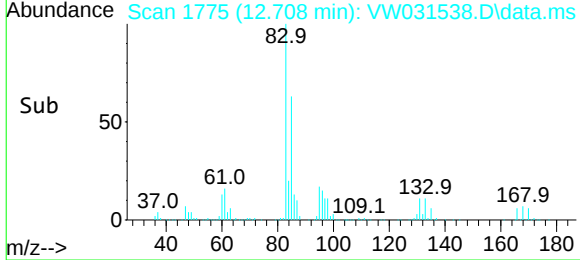
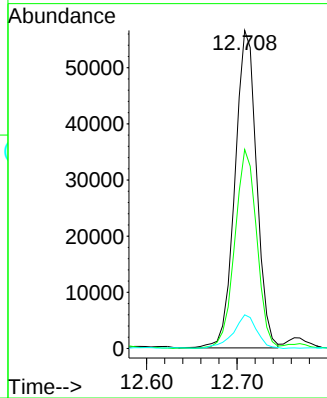
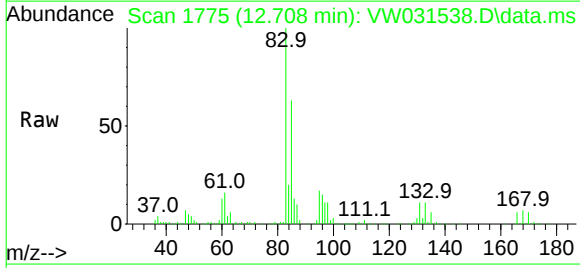




#57
1,1,2,2-Tetrachloroethane
Concen: 32.868 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

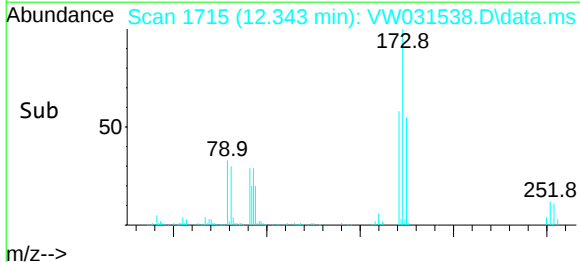
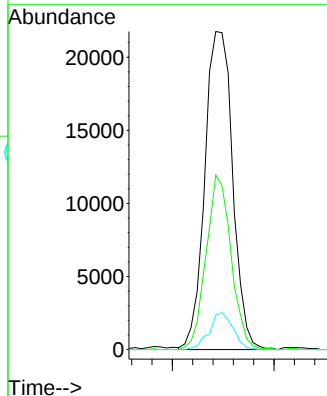
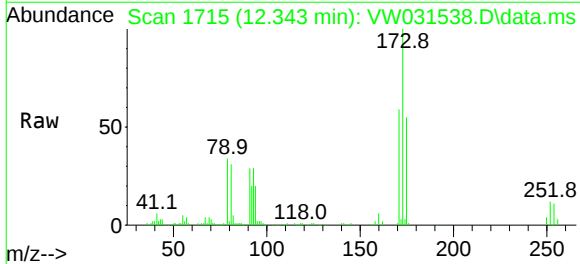
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

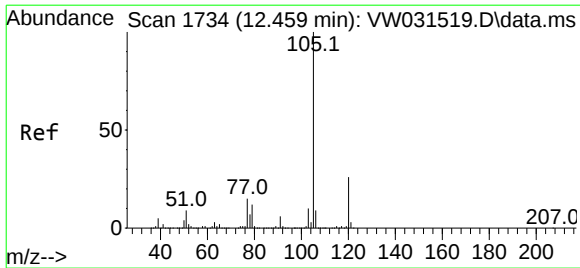
Tgt Ion:	83	Resp:	94063
Ion	Ratio	Lower	Upper
83	100		
85	62.6	44.1	81.9
131	10.6	7.9	11.9



#59
Bromoform
Concen: 24.834 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:	173	Resp:	41409
Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.6	57.8
254	10.0	7.6	11.4





#60

Isopropylbenzene

Concen: 14.656 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

YE634MSD

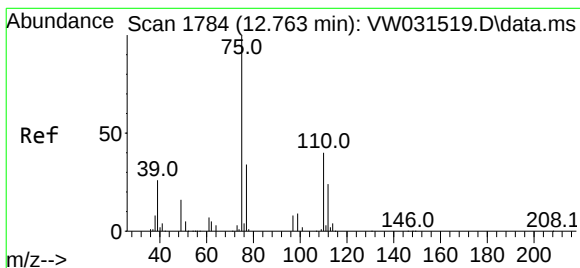
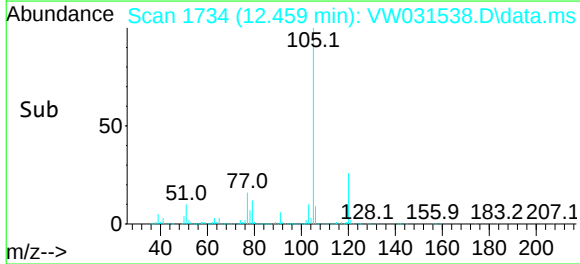
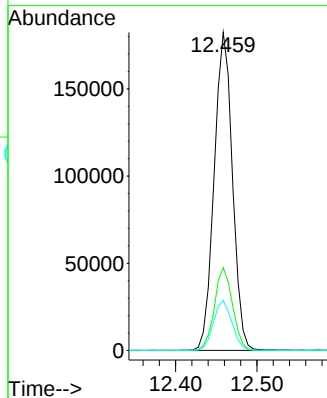
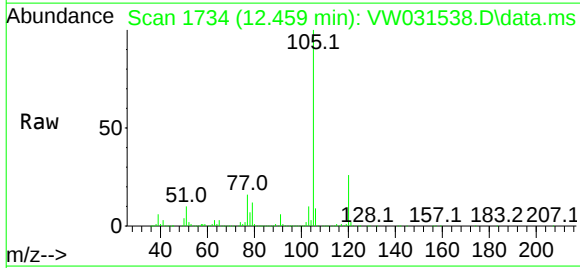
Tgt Ion: 105 Resp: 284669

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 15.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 33.614 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031538.D

Acq: 26 Dec 2024 18:59

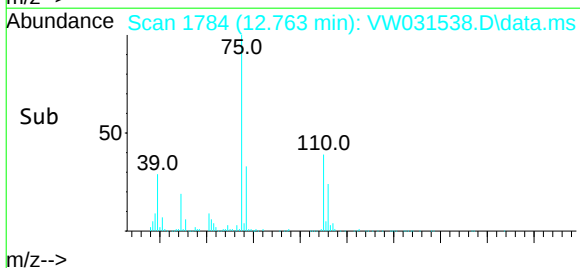
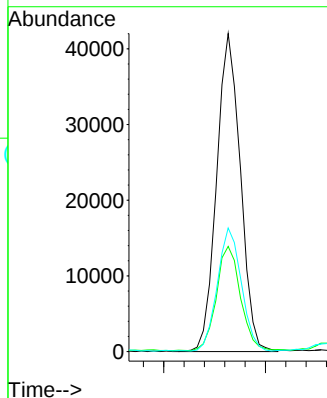
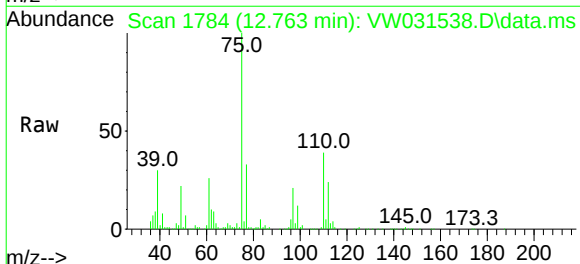
Tgt Ion: 75 Resp: 68272

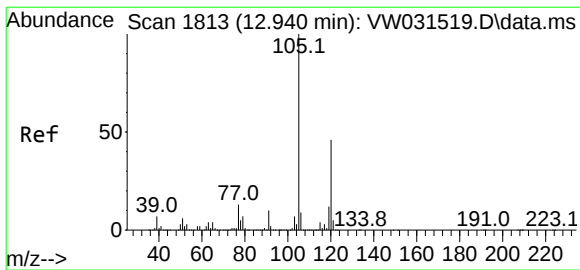
Ion Ratio Lower Upper

75 100

77 33.1 25.3 37.9

110 39.1 31.2 46.8

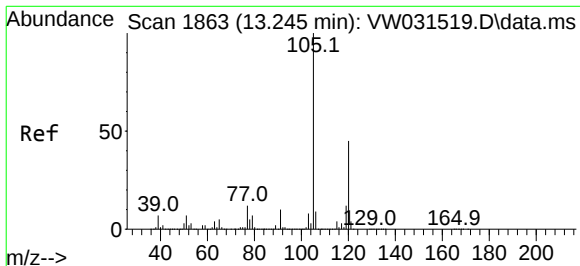
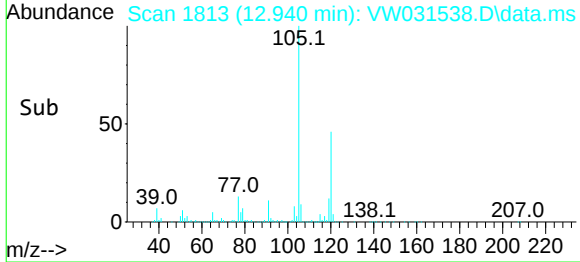
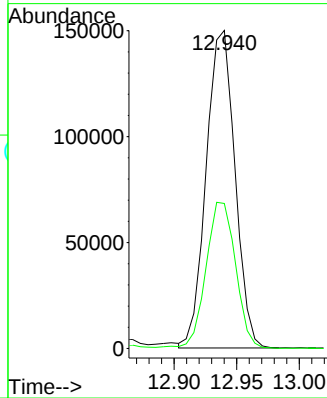
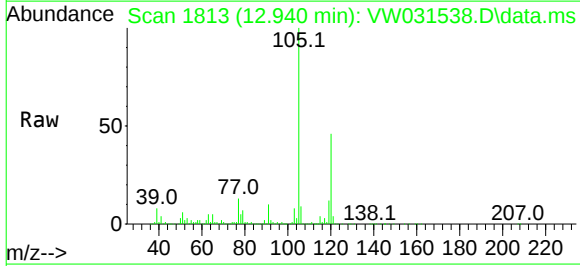




#62
 1,3,5-Trimethylbenzene
 Concen: 14.570 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031538.D
 Acq: 26 Dec 2024 18:59

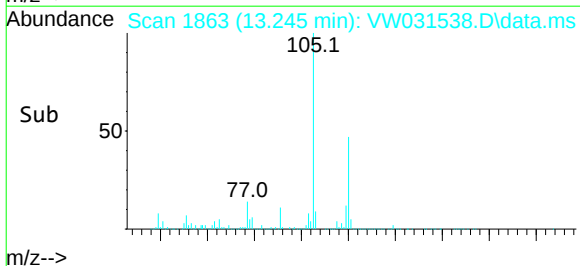
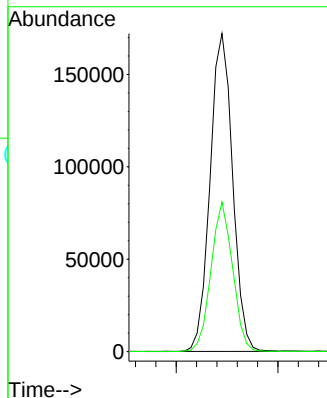
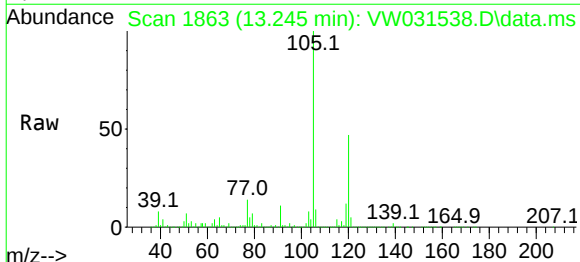
Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

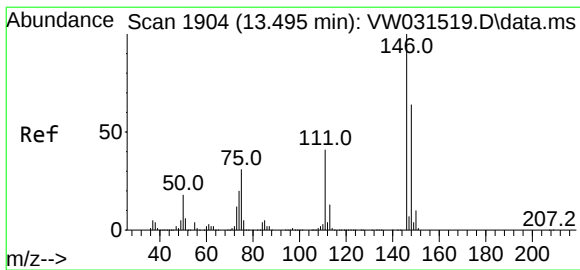
Tgt Ion:105 Resp: 239931
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 16.645 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031538.D
 Acq: 26 Dec 2024 18:59

Tgt Ion:105 Resp: 264930
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.0 52.4

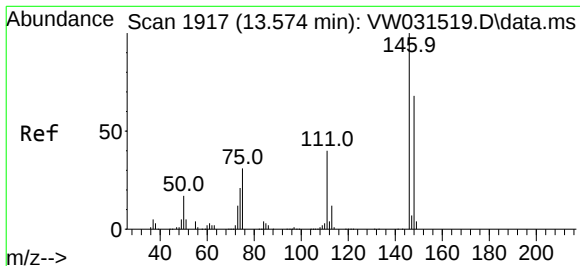
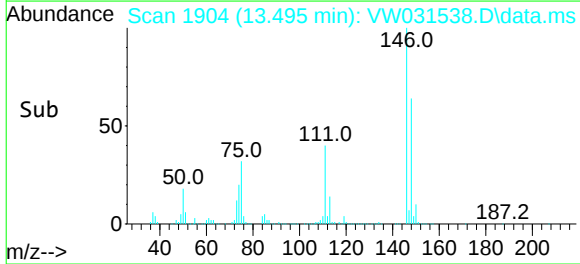
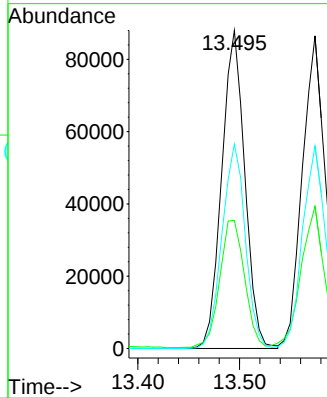
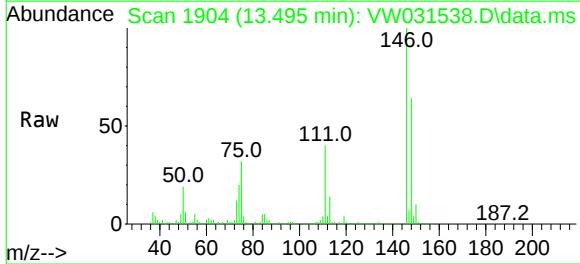




#64
1,3-Dichlorobenzene
Concen: 17.619 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

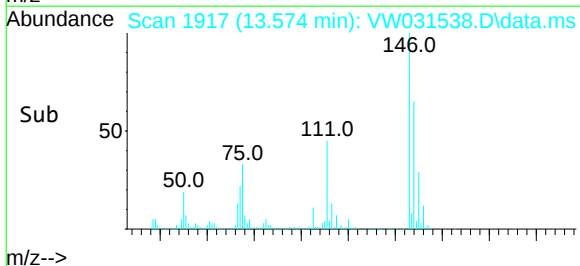
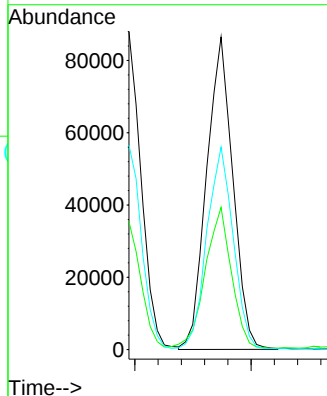
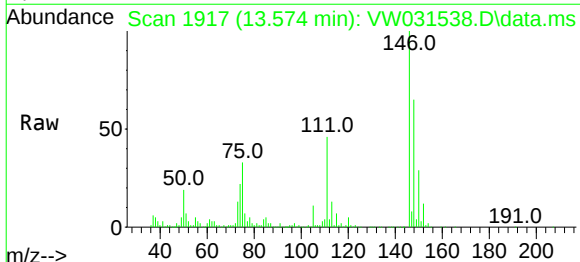
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

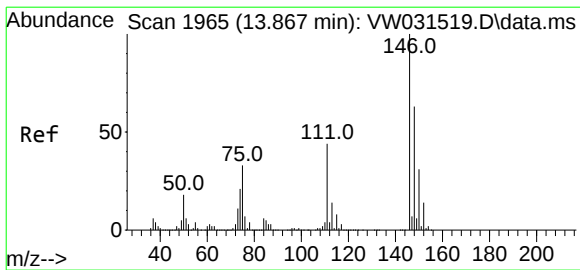
Tgt Ion:146 Resp: 138653
Ion Ratio Lower Upper
146 100
111 40.3 27.6 51.2
148 64.3 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 17.445 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:146 Resp: 136023
Ion Ratio Lower Upper
146 100
111 45.5 30.7 56.9
148 64.8 46.5 86.3

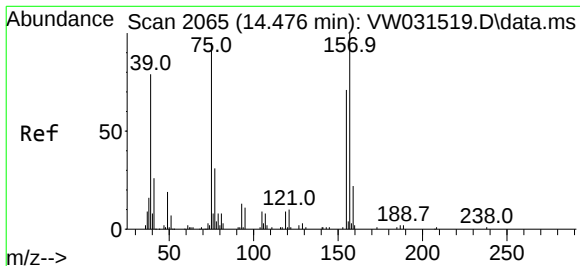
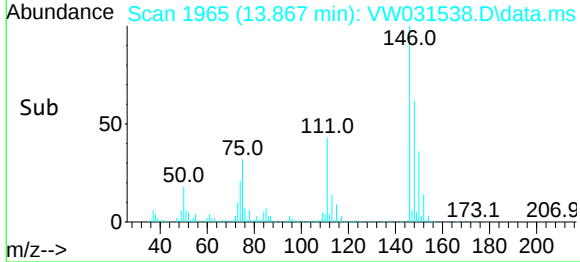
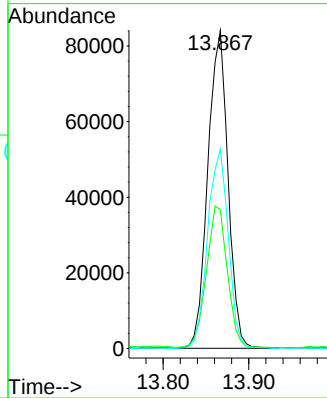
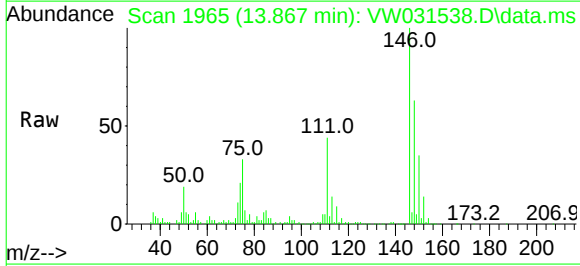




#67
1,2-Dichlorobenzene
Concen: 20.253 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

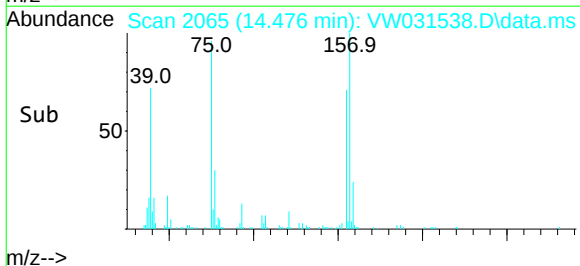
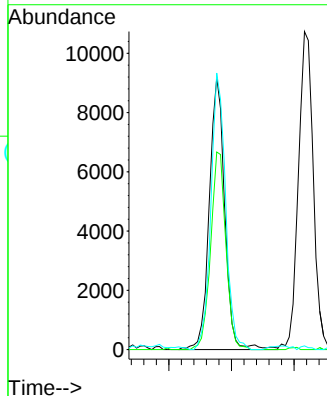
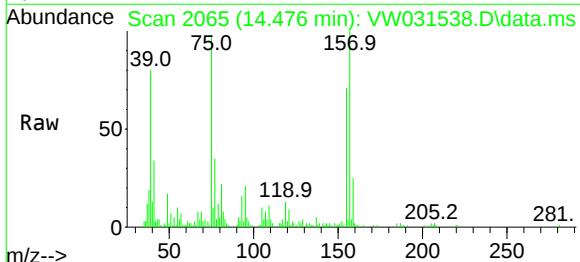
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

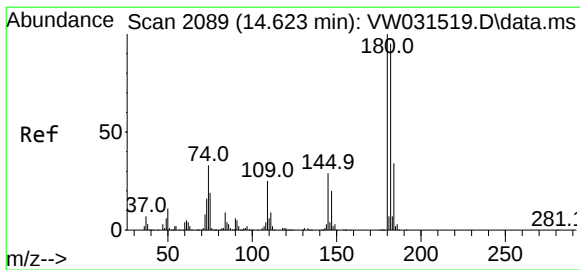
Tgt Ion:	146	Resp:	137331
Ion	Ratio	Lower	Upper
146	100		
111	43.7	38.6	58.0
148	62.7	53.6	80.4



#68
1,2-Dibromo-3-chloropropane
Concen: 30.457 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:	75	Resp:	15698
Ion	Ratio	Lower	Upper
75	100		
155	72.6	56.6	85.0
157	101.6	71.2	106.8

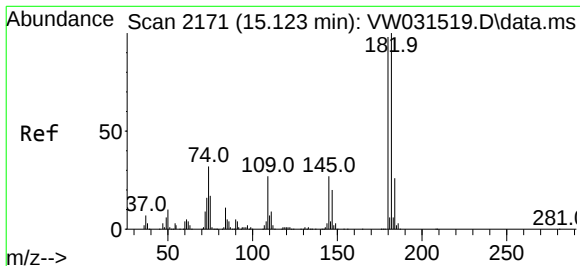
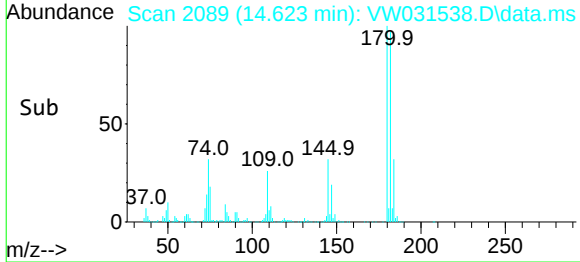
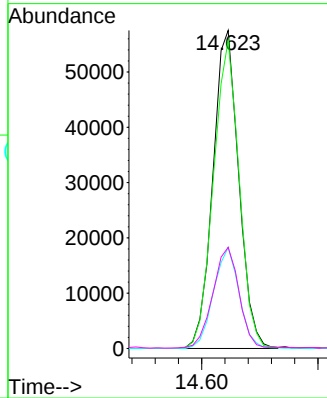
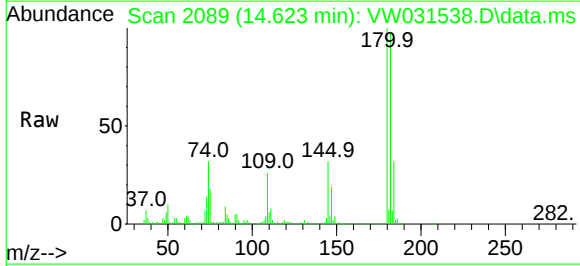




#69
1,3,5-Trichlorobenzene
Concen: 16.122 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

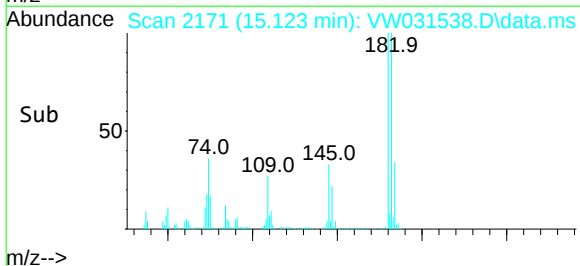
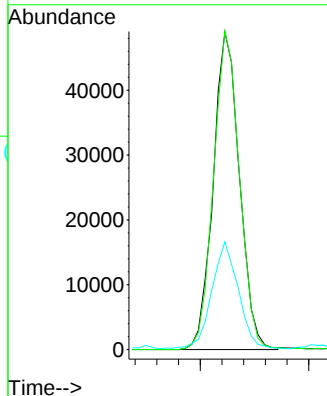
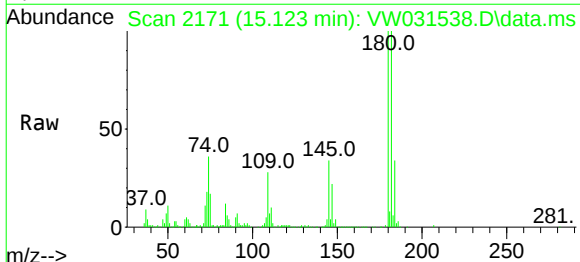
Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

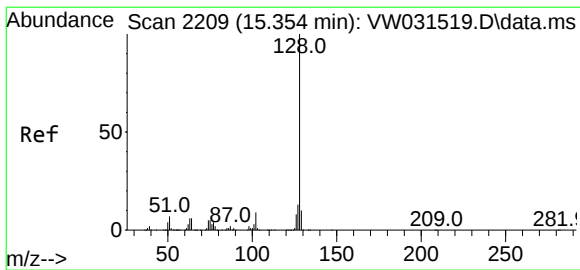
Tgt Ion:	180	Resp:	88858
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.0	112.4
184	31.4	24.6	36.8
145	32.3	25.7	38.5



#70
1,2,4-trichlorobenzene
Concen: 17.934 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:	180	Resp:	82223
Ion Ratio	Lower	Upper	
180	100		
182	98.8	78.2	117.2
145	34.0	26.7	40.1

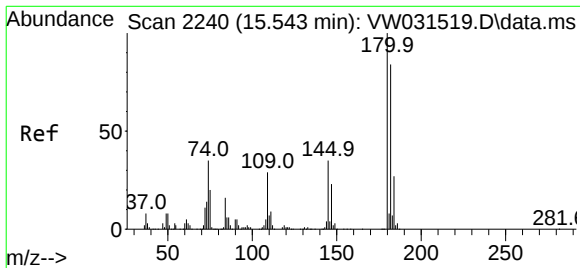
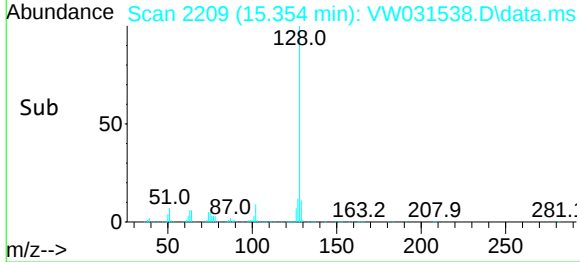
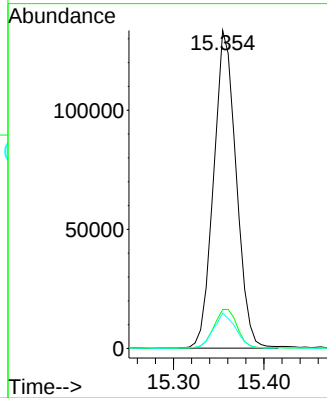
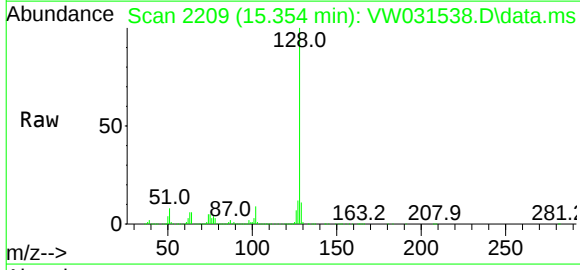




#71
Naphthalene
Concen: 28.812 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Instrument :
MSVOA_W
ClientSampleId :
YE634MSD

Tgt Ion:	128	Resp:	231593
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.7	16.1
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 20.121 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031538.D
Acq: 26 Dec 2024 18:59

Tgt Ion:	180	Resp:	74328
Ion Ratio	Lower	Upper	
180	100		
182	100.6	75.0	112.4
145	37.6	27.8	41.6

