

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031200.D
 Acq On : 10 Dec 2024 18:42
 Operator : SY/MD
 Sample : P5153-18MS
 Misc : 7.12g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MS

Quant Time: Dec 11 00:33:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	489994	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	278085	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	66032	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	90416	11.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.960%
7) Chloroethane-d5	2.899	69	83114	14.207	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.840%
11) 1,1-Dichloroethene-d2	4.015	65	36122	10.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.000%#
21) 2-Butanone-d5	7.099	46	32527	24.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.340%
24) Chloroform-d	7.648	84	219229	15.276	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.120%
26) 1,2-Dichloroethane-d4	8.300	65	124320	17.604	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.400%
32) Benzene-d6	8.270	84	343390	20.091	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.360%
36) 1,2-Dichloropropane-d6	9.270	67	128346	25.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.560%
41) Toluene-d8	10.318	98	238996	15.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.960%
43) trans-1,3-Dichloroprop...	10.574	79	33920	16.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.320%
47) 2-Hexanone-d5	10.922	63	21061	35.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71203	21.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	30074	12.823	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	51.280%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	92309	14.918	ug/L	98
3) Chloromethane	2.216	50	107773	14.768	ug/L	95
5) Vinyl chloride	2.369	62	128391	14.646	ug/L	98
6) Bromomethane	2.789	94	65024	11.665	ug/L	94
8) Chloroethane	2.929	64	78987	15.064	ug/L	100
9) Trichlorofluoromethane	3.259	101	118183	12.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	70796	10.103	ug/L	90
12) 1,1-Dichloroethene	4.045	96	87378	12.556	ug/L	85
13) Acetone	4.167	43	61631	25.958	ug/L	69
14) Carbon disulfide	4.386	76	228667	10.020	ug/L	97
15) Methyl Acetate	4.691	43	29228	11.732	ug/L	96
16) Methylene chloride	4.917	84	106166	14.970	ug/L	89
17) trans-1,2-Dichloroethene	5.423	96	88704	11.991	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	175693	16.977	ug/L	# 94
19) 1,1-Dichloroethane	6.215	63	219079	16.102	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	97709	12.575	ug/L	90
22) 2-Butanone	7.185	43	72504	32.494	ug/L	86
23) Bromochloromethane	7.520	128	41854	12.687	ug/L	83
25) Chloroform	7.672	83	208574	14.739	ug/L	94

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 Response via : Initial Calibration

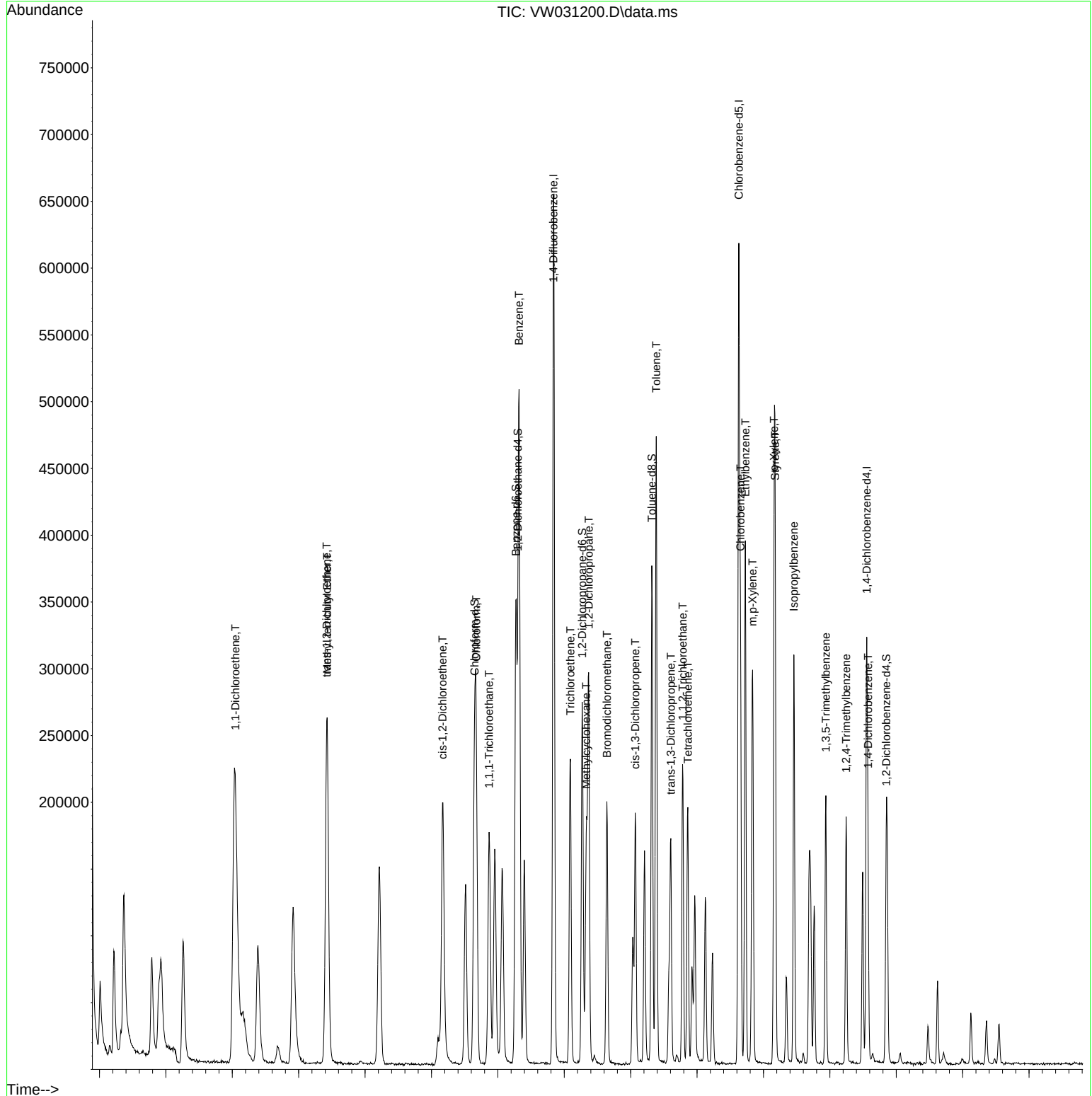
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	139958	16.056	ug/L	97
29) Cyclohexane	7.959	56	85122	12.161	ug/L	89
30) 1,1,1-Trichloroethane	7.868	97	139617	18.639	ug/L #	93
31) Carbon tetrachloride	8.069	117	112077	16.374	ug/L	99
33) Benzene	8.319	78	412163	21.918	ug/L	100
34) Trichloroethene	9.093	95	84673	16.324	ug/L	97
35) Methylcyclohexane	9.331	83	57528	6.970	ug/L #	89
37) 1,2-Dichloropropane	9.367	63	111639	23.865	ug/L	97
38) Bromodichloromethane	9.642	83	129359	21.126	ug/L #	91
39) cis-1,3-Dichloropropene	10.068	75	108810	15.406	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	103372	49.347	ug/L #	92
42) Toluene	10.385	91	328275	16.572	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	92168	15.873	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	67385	20.960	ug/L	96
46) Tetrachloroethene	10.861	164	41359	10.756	ug/L	93
48) 2-Hexanone	10.965	43	86007	45.382	ug/L #	86
49) Dibromochloromethane	11.129	129	62836	17.742	ug/L	99
50) 1,2-Dibromoethane	11.233	107	54629	18.184	ug/L	86
51) Chlorobenzene	11.653	112	146709	11.602	ug/L #	82
52) Ethylbenzene	11.727	91	259611	11.565	ug/L	95
53) m,p-Xylene	11.836	106	86980	10.411	ug/L	88
54) o-Xylene	12.159	106	79179	10.187	ug/L	82
55) Styrene	12.178	104	137799	10.532	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.708	83	61908	17.776	ug/L #	94
59) Bromoform	12.342	173	21247	22.020	ug/L #	74
60) Isopropylbenzene	12.458	105	173831	16.307	ug/L #	93
61) 1,2,3-Trichloropropane	12.763	75	49947	40.481	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	101800	12.128	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	96542	11.708	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	51342	11.045	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	53776	11.452	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	44936	11.051	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	8375	31.261	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.622	180	14753	4.671	ug/L	90
70) 1,2,4-trichlorobenzene	15.122	180	10213	4.123	ug/L	97
71) Naphthalene	15.360	128	24750	6.203	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.549	180	8343	3.935	ug/L	95

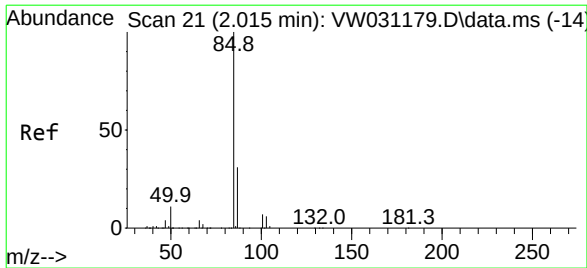
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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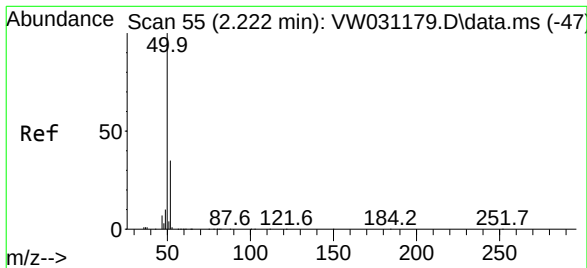
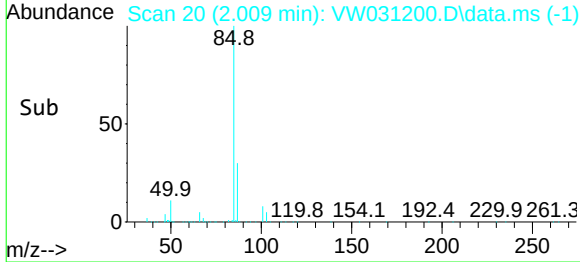
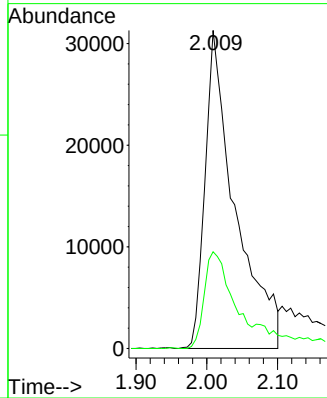
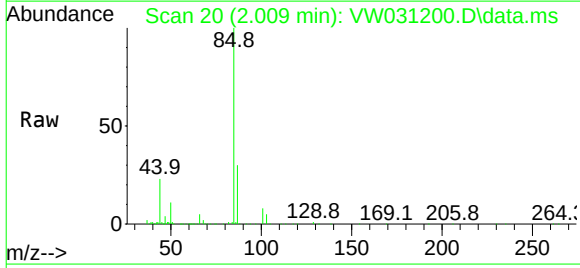




#2
 Dichlorodifluoromethane
 Concen: 14.918 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

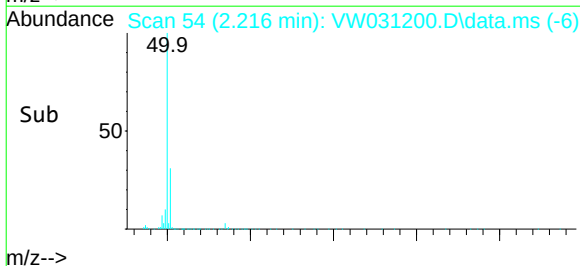
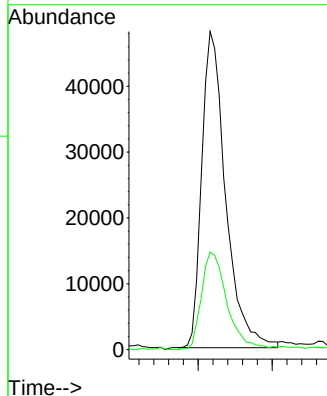
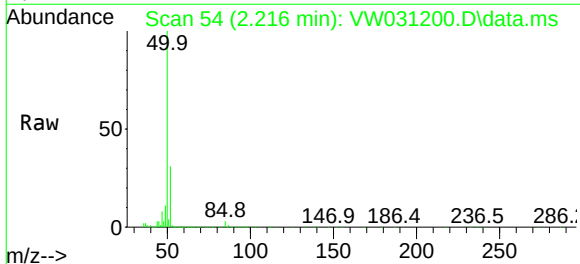
Instrument :
 MSVOA_W
 ClientSampleId :
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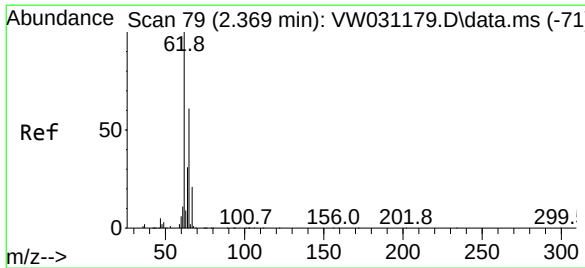
Tgt Ion: 85 Resp: 92309
 Ion Ratio Lower Upper
 85 100
 87 28.4 23.8 35.6



#3
 Chloromethane
 Concen: 14.768 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

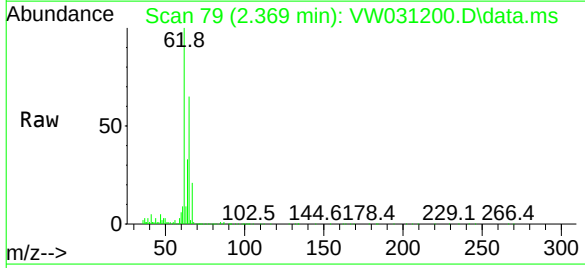
Tgt Ion: 50 Resp: 107773
 Ion Ratio Lower Upper
 50 100
 52 30.7 23.4 43.6



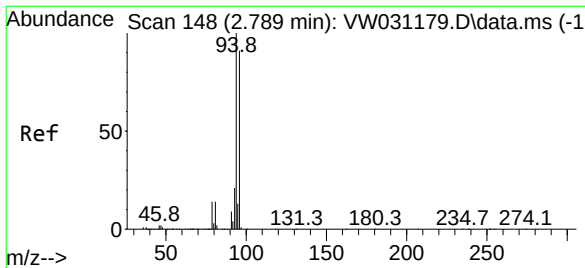
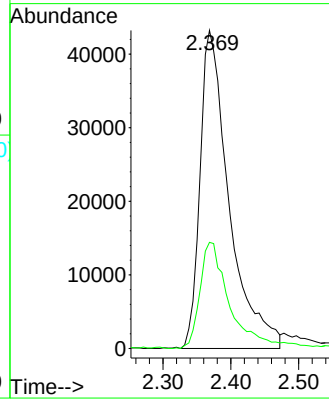
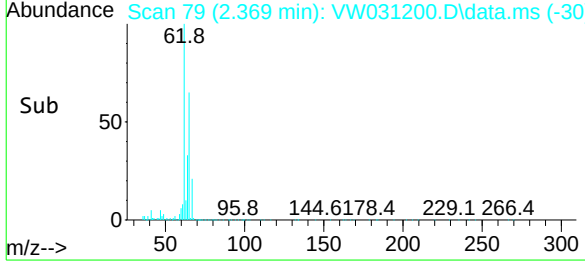


#5
 Vinyl chloride
 Concen: 14.646 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

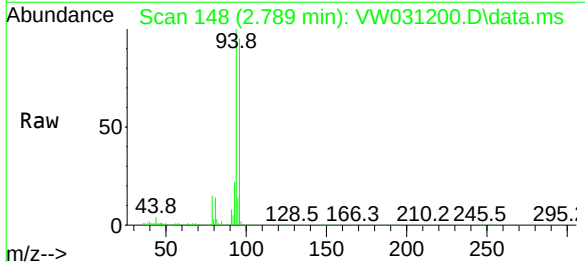
Instrument :
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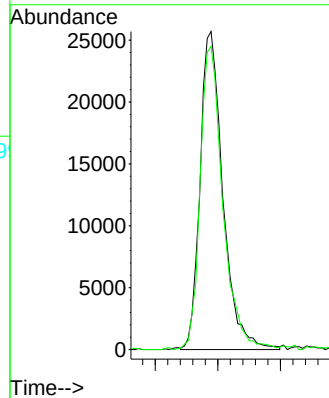
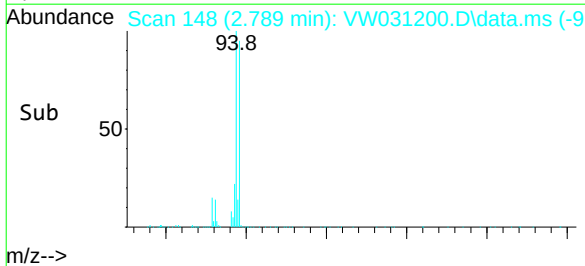
Tgt Ion: 62 Resp: 128391
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.7 42.1

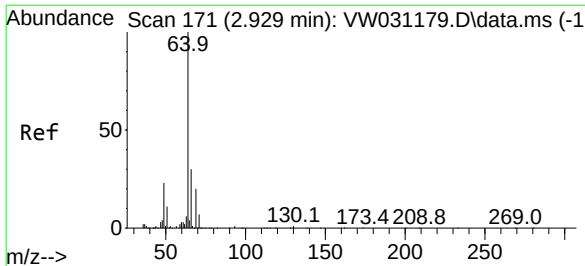


#6
 Bromomethane
 Concen: 11.665 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42



Tgt Ion: 94 Resp: 65024
 Ion Ratio Lower Upper
 94 100
 96 95.3 62.6 116.3

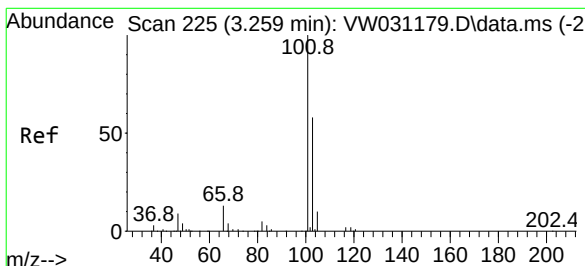
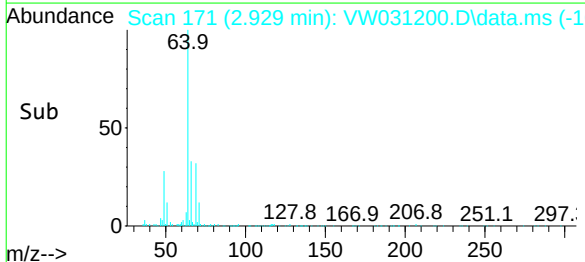
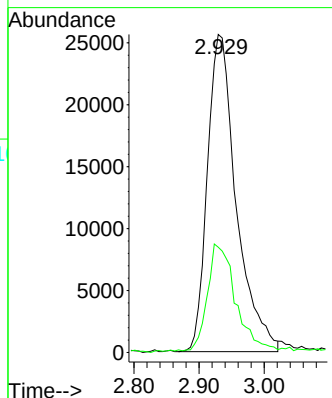
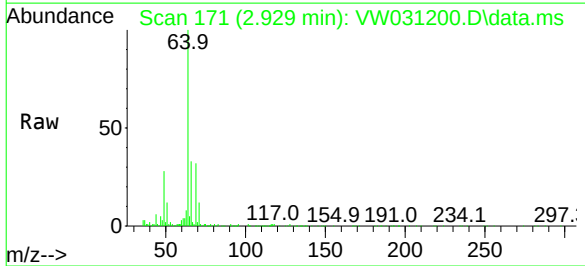




#8
Chloroethane
Concen: 15.064 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

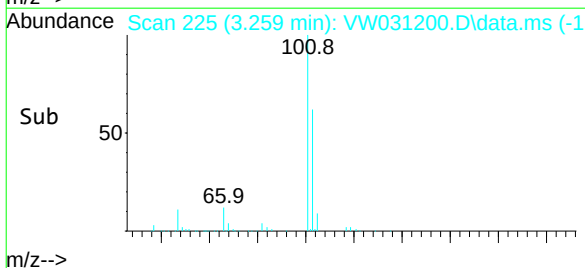
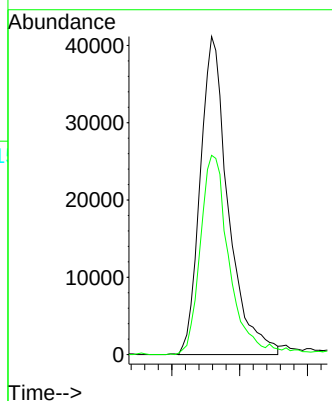
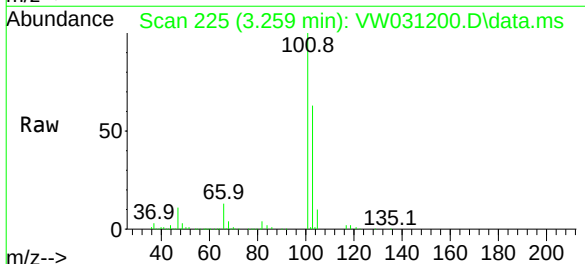
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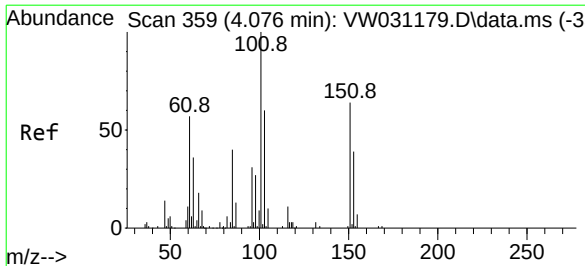
Tgt Ion: 64 Resp: 78987
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 12.813 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion: 101 Resp: 118183
Ion Ratio Lower Upper
101 100
103 63.1 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.103 ug/L

RT: 4.063 min Scan# 35

Delta R.T. -0.012 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MS

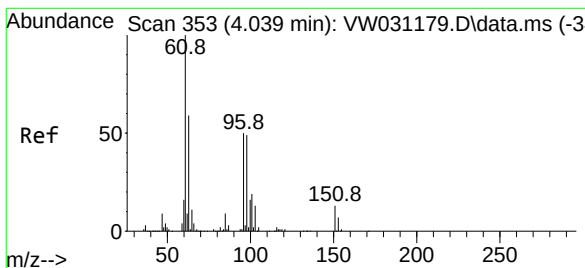
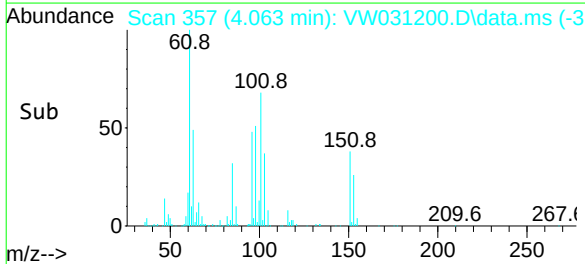
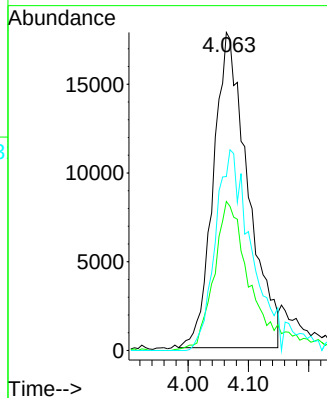
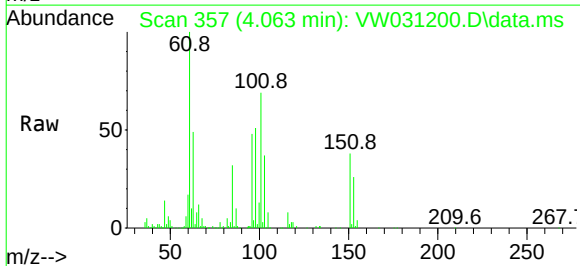
Tgt Ion: 101 Resp: 70796

Ion Ratio Lower Upper

101 100

85 43.8 33.9 50.9

151 64.2 61.8 92.6



#12

1,1-Dichloroethene

Concen: 12.556 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

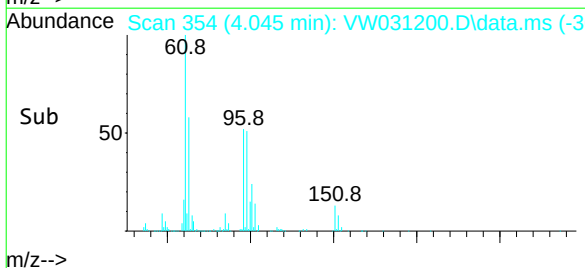
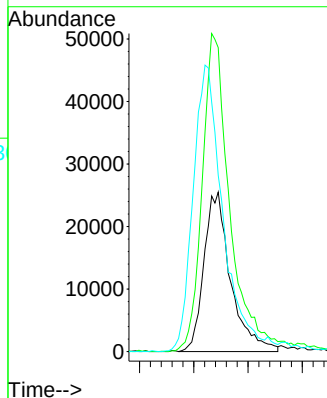
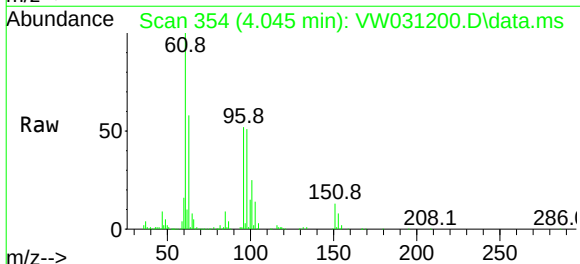
Tgt Ion: 96 Resp: 87378

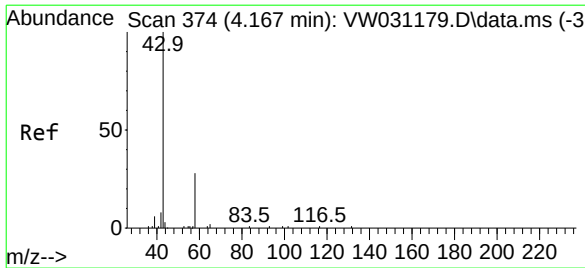
Ion Ratio Lower Upper

96 100

61 190.6 113.5 210.9

63 110.4 73.8 137.2





#13

Acetone

Concen: 25.958 ug/L

RT: 4.167 min Scan# 37

Delta R.T. -0.000 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

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ClientSampleId :

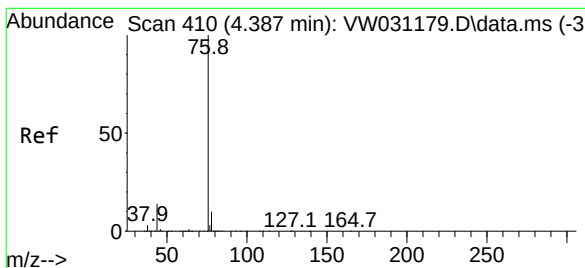
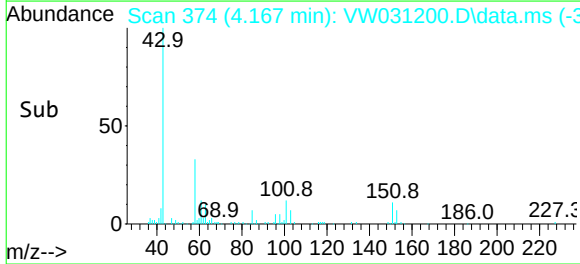
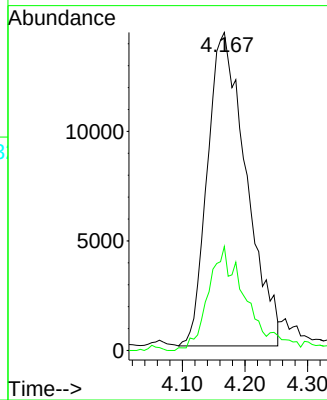
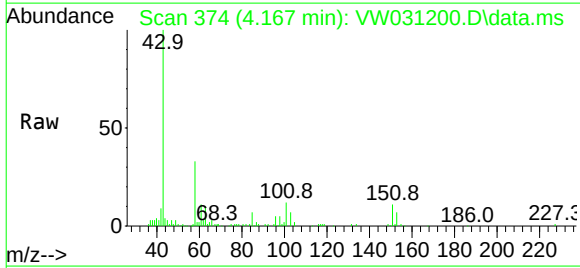
E28Q4MS

Tgt Ion: 43 Resp: 61631

Ion Ratio Lower Upper

43 100

58 15.7 0.0 67.2



#14

Carbon disulfide

Concen: 10.020 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW031200.D

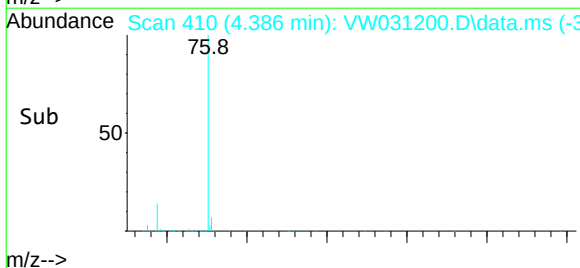
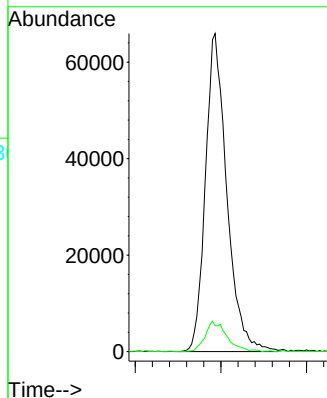
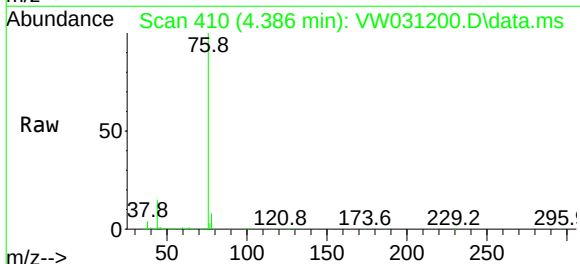
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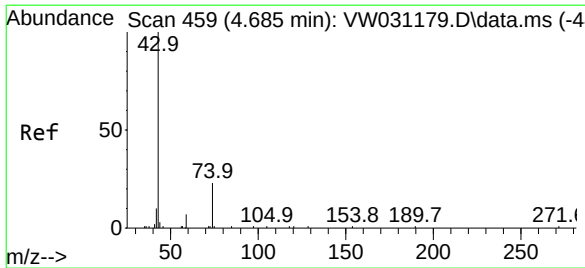
Tgt Ion: 76 Resp: 228667

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.2





#15

Methyl Acetate

Concen: 11.732 ug/L

RT: 4.691 min Scan# 46

Delta R.T. 0.006 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

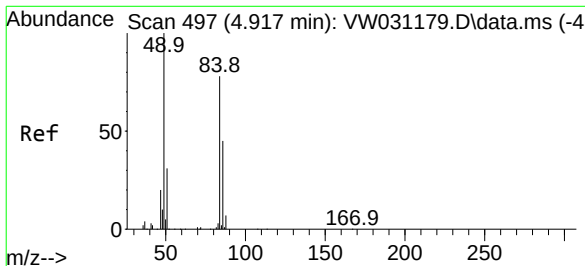
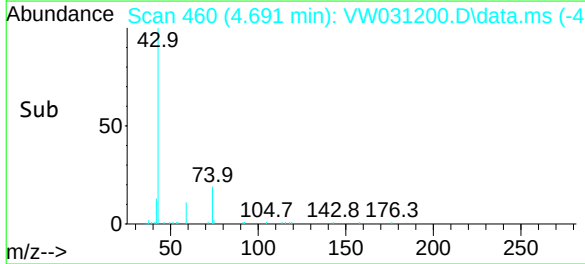
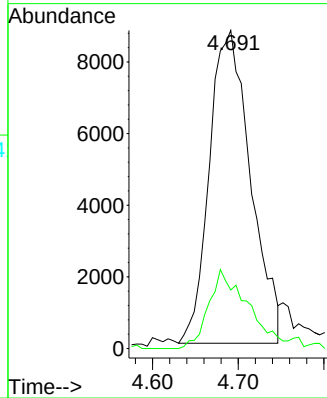
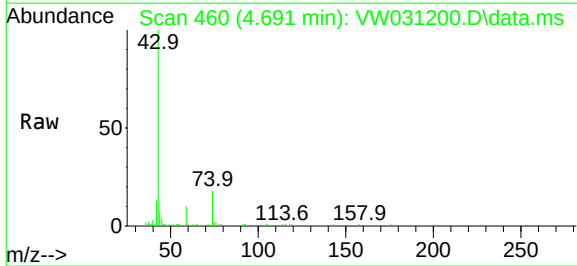
E28Q4MS

Tgt Ion: 43 Resp: 29228

Ion Ratio Lower Upper

43 100

74 23.8 20.8 31.2



#16

Methylene chloride

Concen: 14.970 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

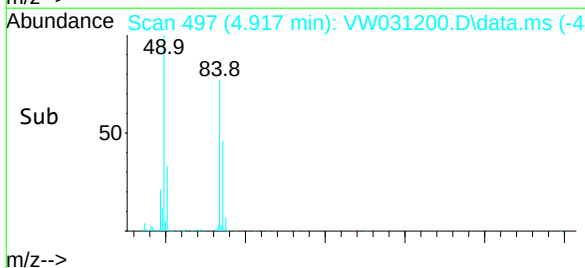
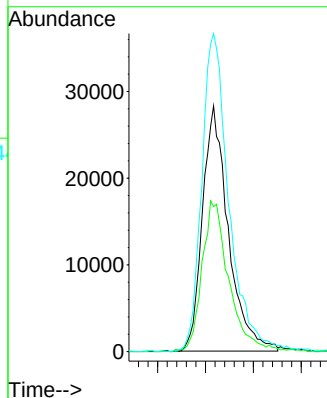
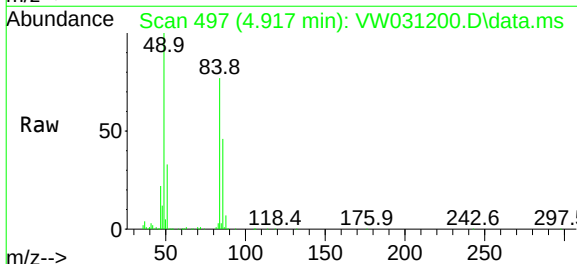
Tgt Ion: 84 Resp: 106166

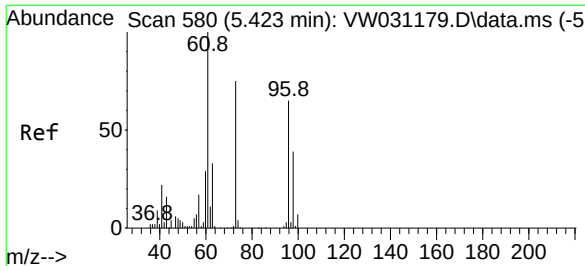
Ion Ratio Lower Upper

84 100

86 59.9 44.9 83.5

49 129.5 79.9 148.5

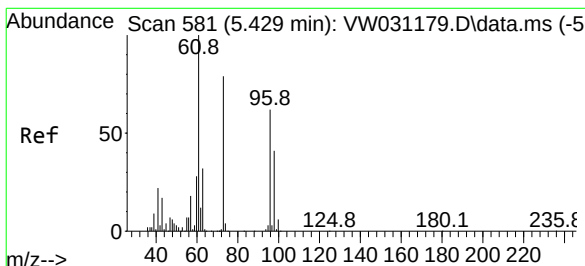
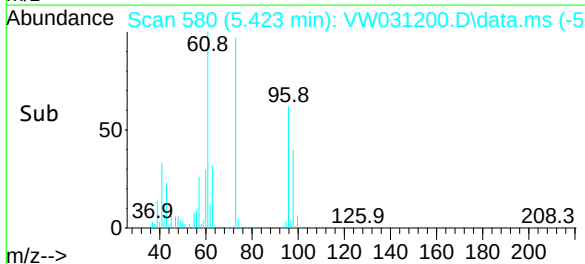
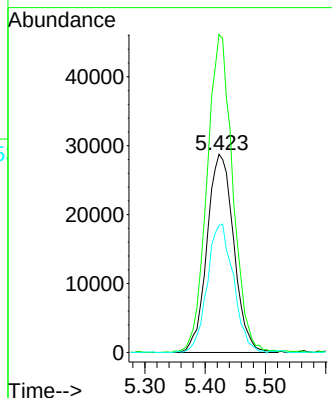
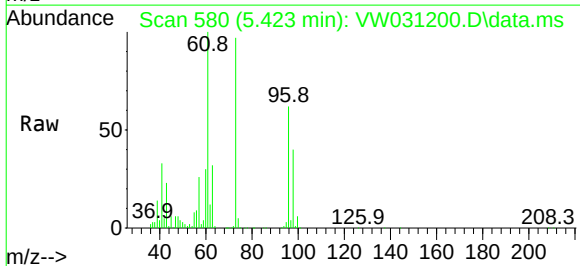




#17
trans-1,2-Dichloroethene
Concen: 11.991 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

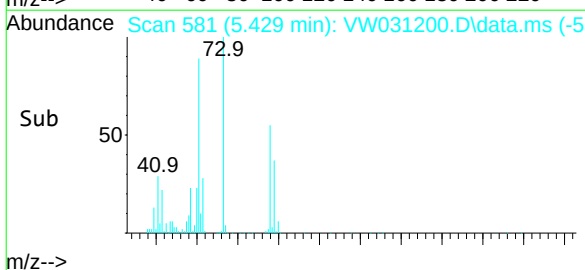
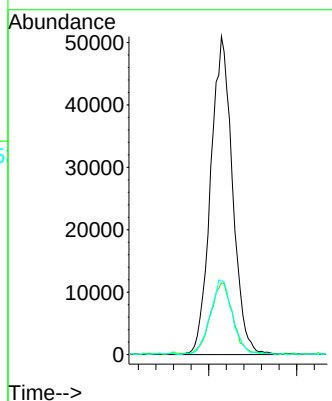
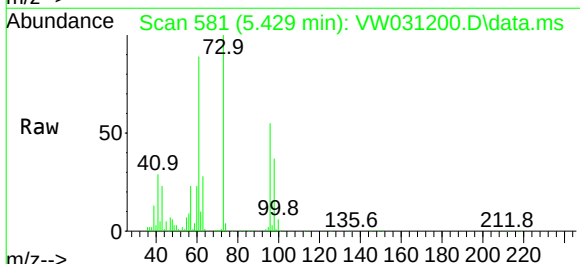
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

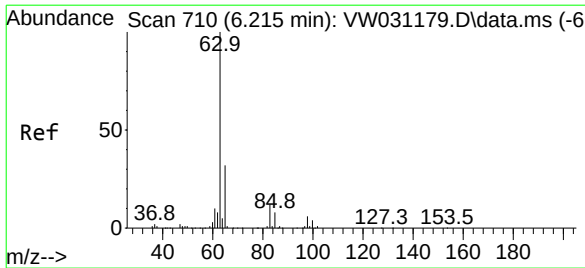
Tgt Ion: 96 Resp: 88704
Ion Ratio Lower Upper
96 100
61 160.5 92.7 172.3
98 64.1 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 16.977 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion: 73 Resp: 175693
Ion Ratio Lower Upper
73 100
43 23.3 15.4 23.0#
57 23.2 17.6 26.4

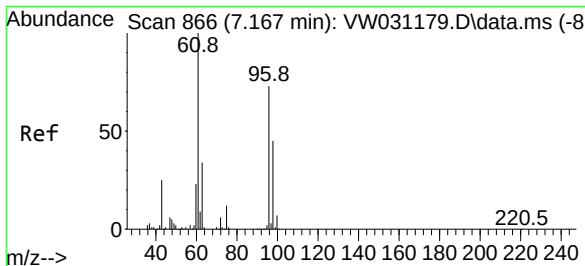
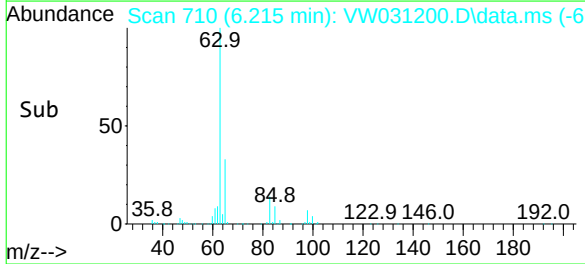
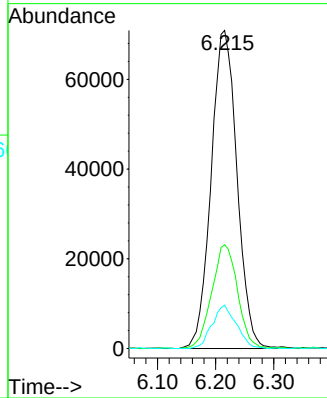
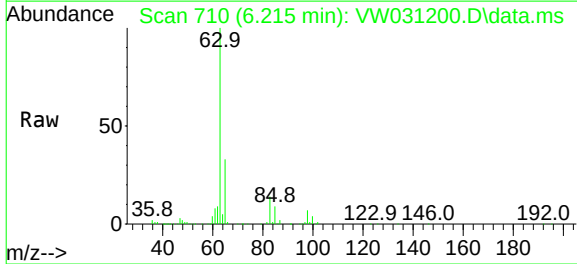




#19
 1,1-Dichloroethane
 Concen: 16.102 ug/L
 RT: 6.215 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

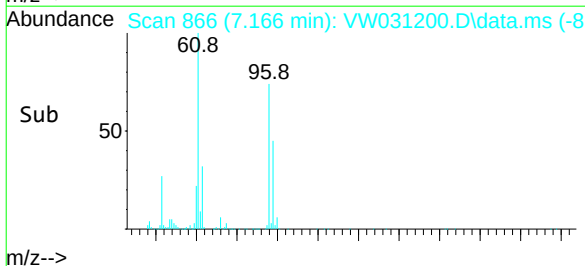
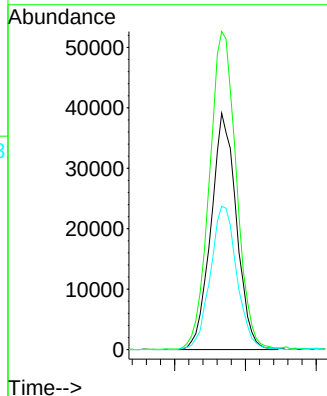
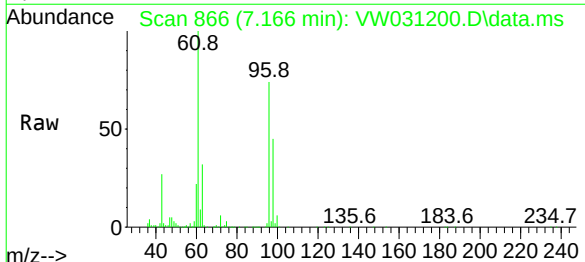
Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MS

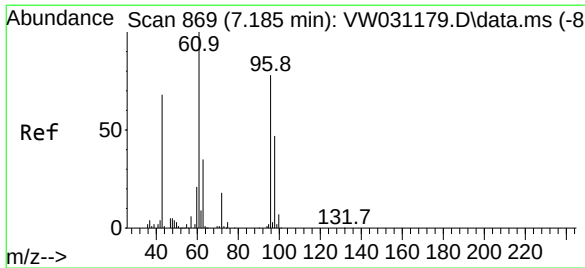
Tgt Ion:	63	Resp:	219079
Ion	Ratio	Lower	Upper
63	100		
65	32.6	21.7	40.3
83	13.7	8.9	16.5



#20
 cis-1,2-Dichloroethene
 Concen: 12.575 ug/L
 RT: 7.166 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

Tgt Ion:	96	Resp:	97709
Ion	Ratio	Lower	Upper
96	100		
61	134.5	83.7	155.5
98	60.6	43.9	81.5

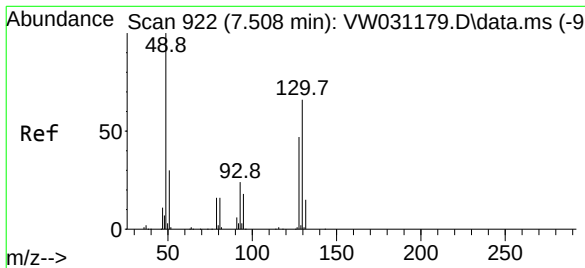
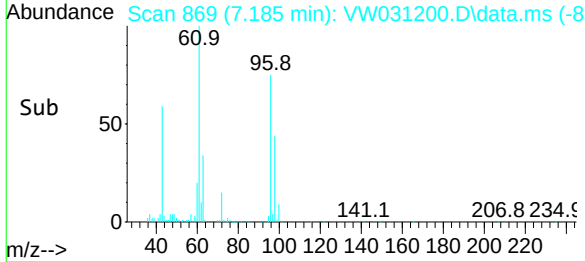
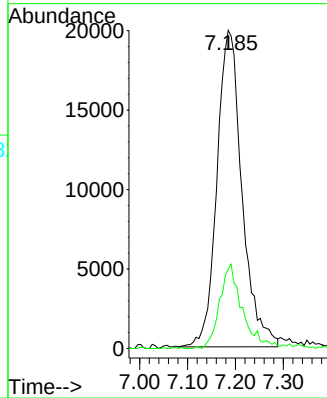
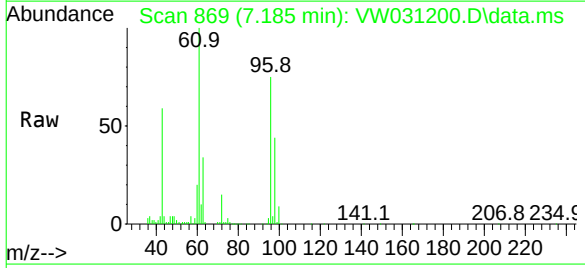




#22
2-Butanone
Concen: 32.494 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

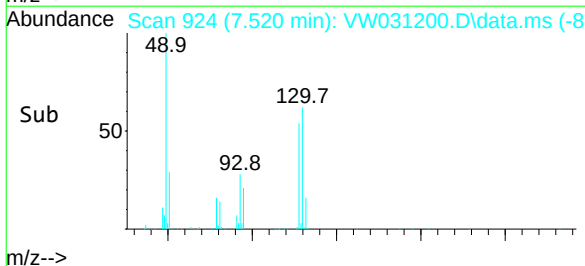
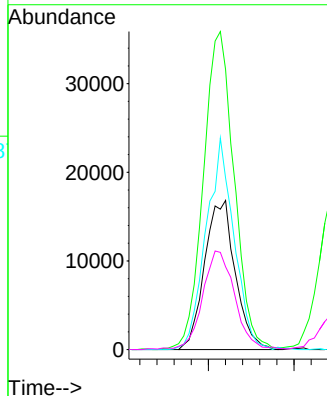
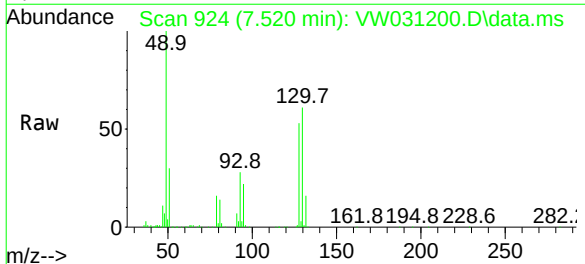
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

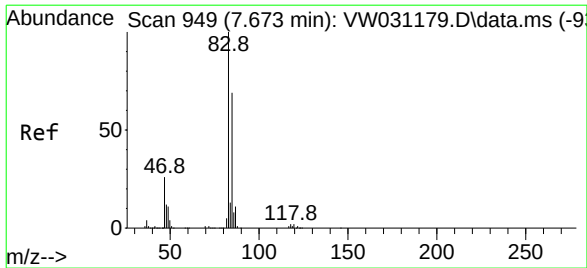
Tgt Ion: 43 Resp: 72504
Ion Ratio Lower Upper
43 100
72 22.1 14.9 44.7



#23
Bromochloromethane
Concen: 12.687 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.012 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion: 128 Resp: 41854
Ion Ratio Lower Upper
128 100
49 187.8 110.9 206.1
130 117.5 93.7 173.9
51 55.5 40.6 60.8





#25

Chloroform

Concen: 14.739 ug/L

RT: 7.672 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

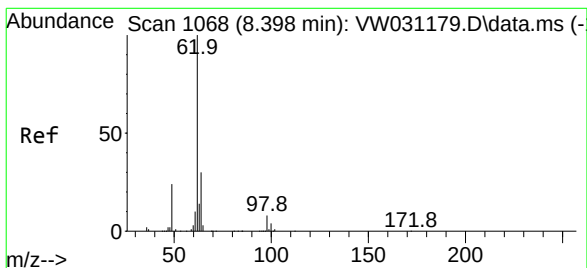
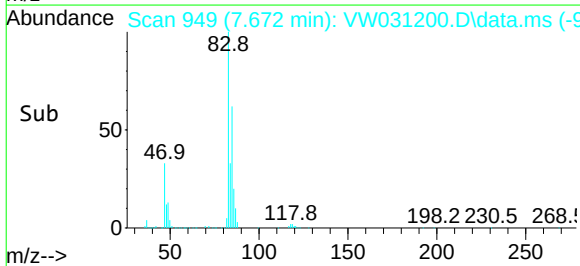
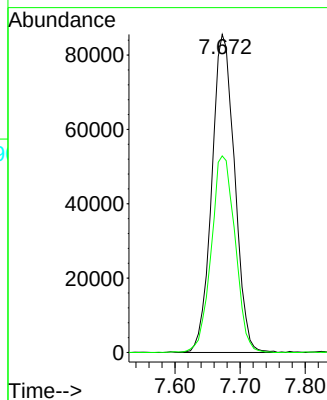
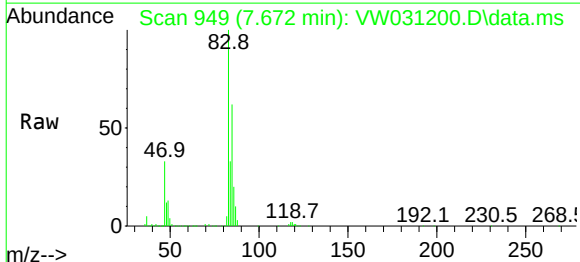
E28Q4MS

Tgt Ion: 83 Resp: 208574

Ion Ratio Lower Upper

83 100

85 61.8 46.5 86.3



#27

1,2-Dichloroethane

Concen: 16.056 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031200.D

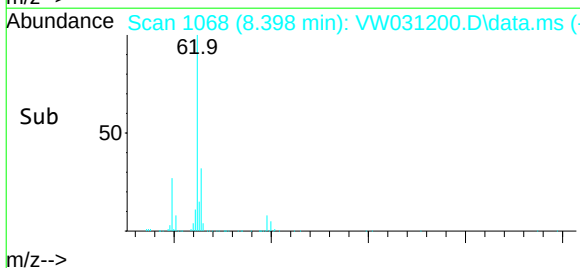
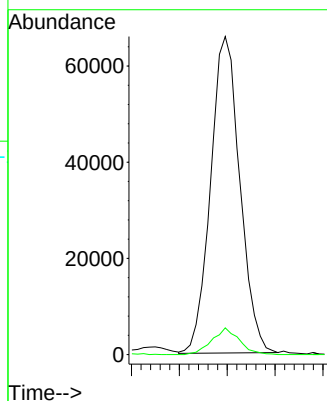
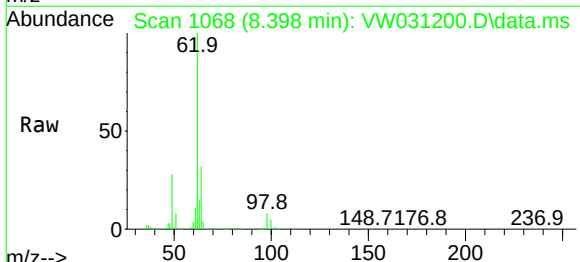
Acq: 10 Dec 2024 18:42

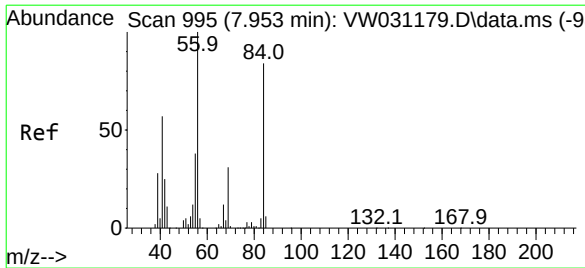
Tgt Ion: 62 Resp: 139958

Ion Ratio Lower Upper

62 100

98 8.4 7.7 11.5





#29

Cyclohexane

Concen: 12.161 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MS

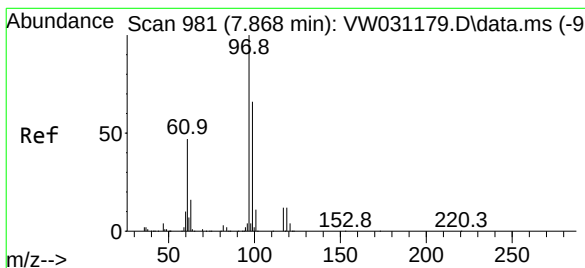
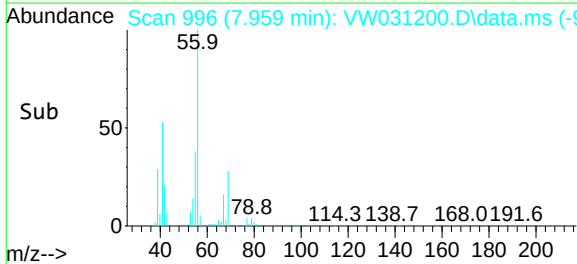
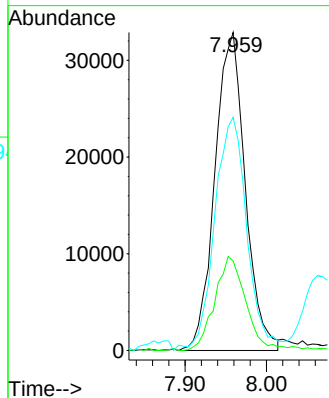
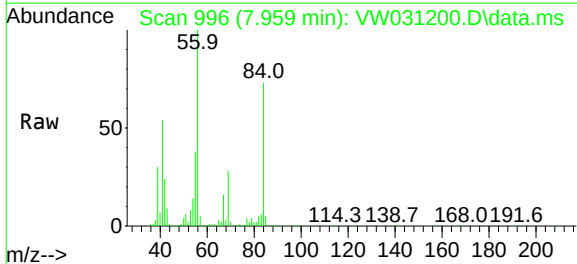
Tgt Ion: 56 Resp: 85122

Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.2

84 76.5 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 18.639 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

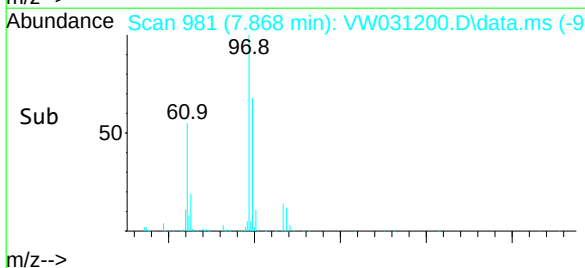
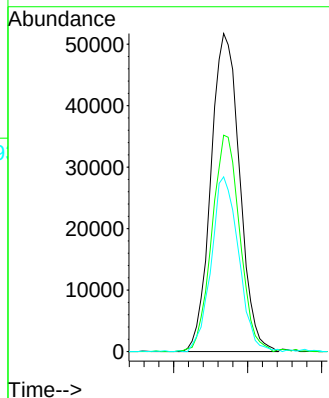
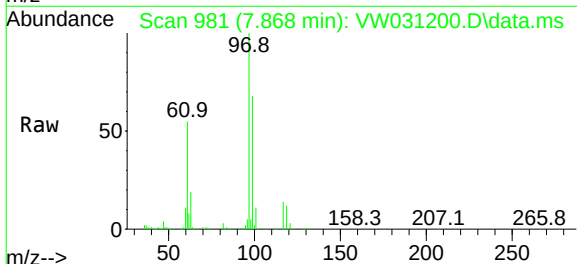
Tgt Ion: 97 Resp: 139617

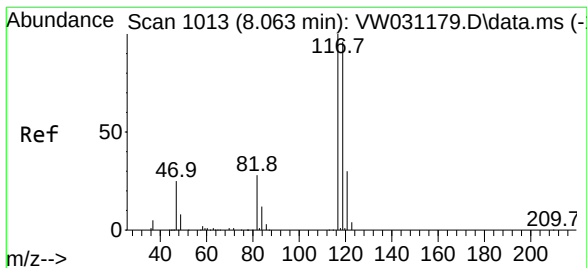
Ion Ratio Lower Upper

97 100

99 66.1 51.6 77.4

61 52.3 33.8 50.6#





#31

Carbon tetrachloride

Concen: 16.374 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

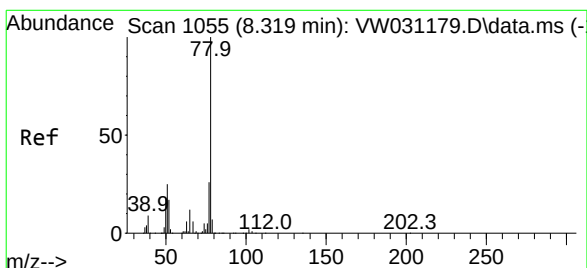
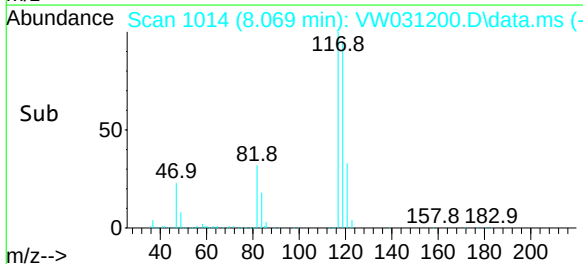
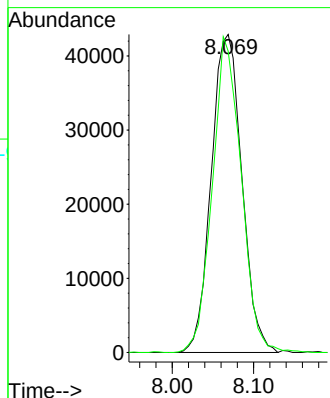
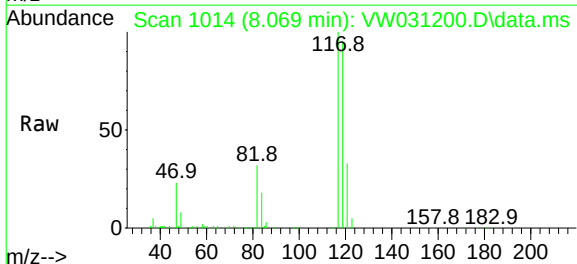
E28Q4MS

Tgt Ion:117 Resp: 112077

Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8



#33

Benzene

Concen: 21.918 ug/L

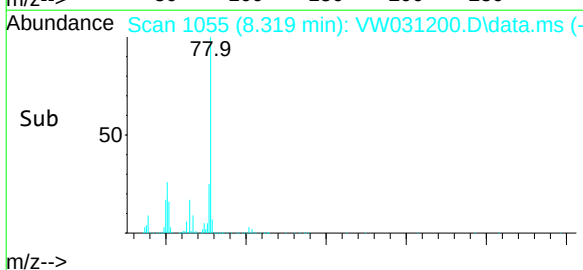
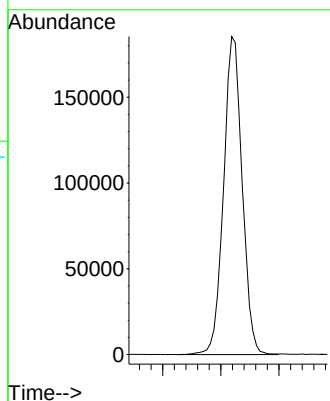
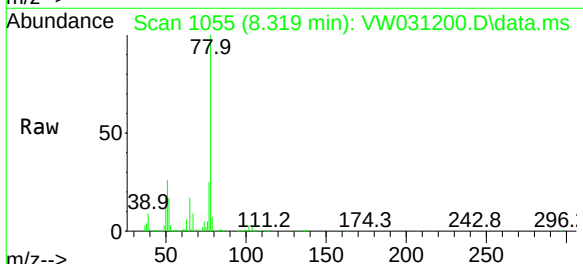
RT: 8.319 min Scan# 1055

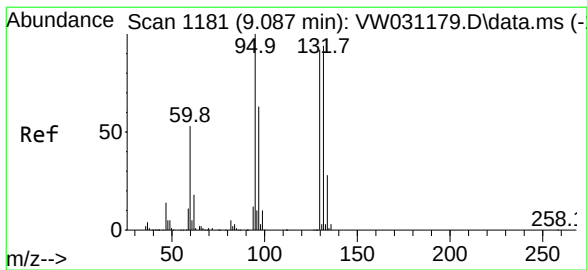
Delta R.T. -0.000 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Tgt Ion: 78 Resp: 412163





#34

Trichloroethene

Concen: 16.324 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MS

Tgt Ion: 95 Resp: 84673

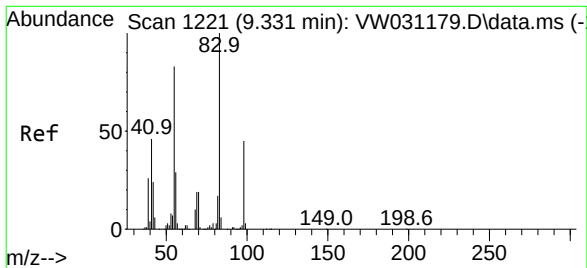
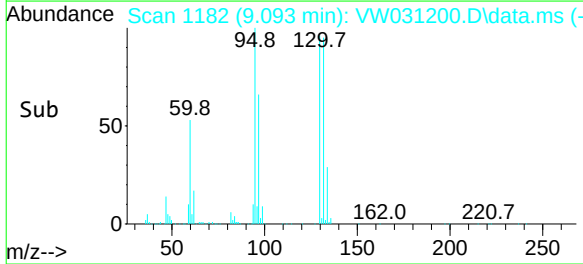
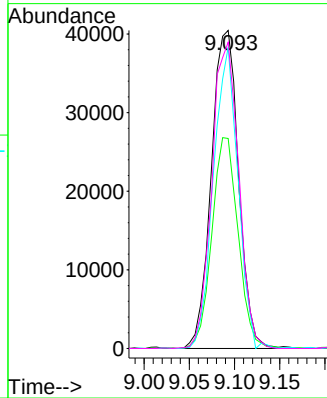
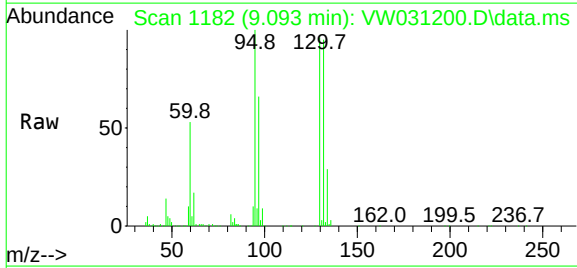
Ion Ratio Lower Upper

95 100

97 66.0 48.0 89.2

132 94.7 67.4 125.2

130 96.3 69.5 129.1



#35

Methylcyclohexane

Concen: 6.970 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

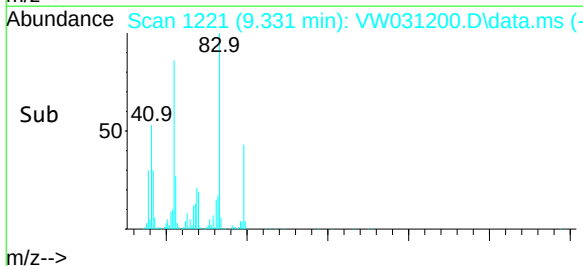
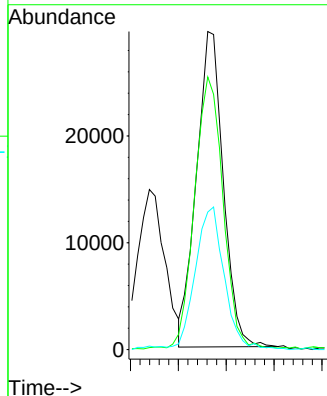
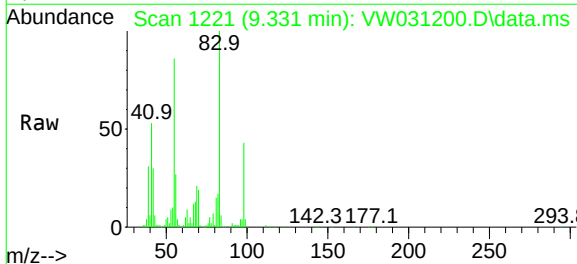
Tgt Ion: 83 Resp: 57528

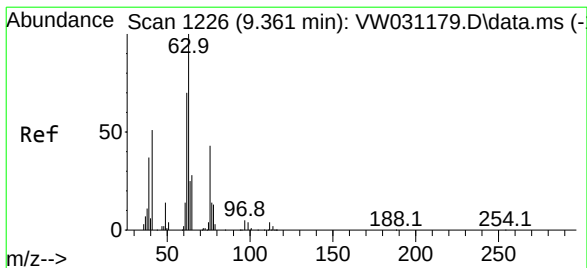
Ion Ratio Lower Upper

83 100

55 89.6 59.5 89.3#

98 48.2 38.7 58.1





#37

1,2-Dichloropropane

Concen: 23.865 ug/L

RT: 9.367 min Scan# 12

Delta R.T. 0.006 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

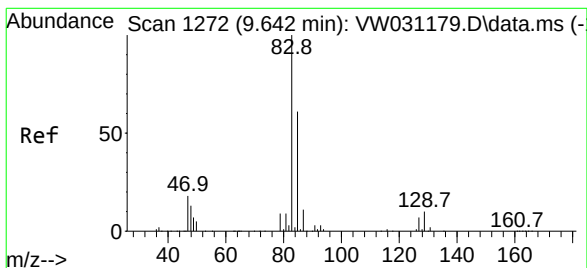
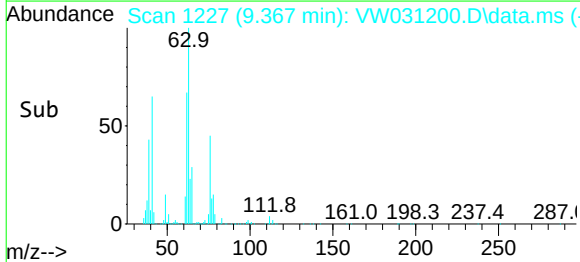
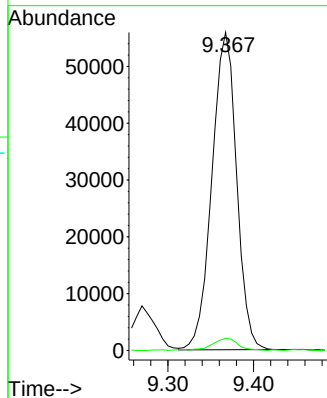
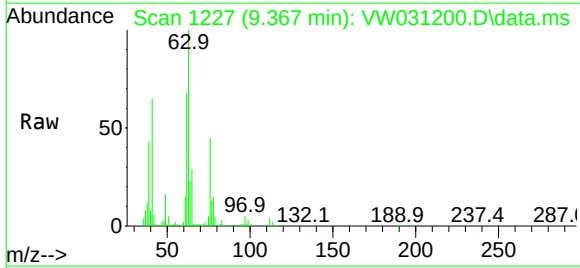
E28Q4MS

Tgt Ion: 63 Resp: 111639

Ion Ratio Lower Upper

63 100

112 3.9 3.9 5.9



#38

Bromodichloromethane

Concen: 21.126 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

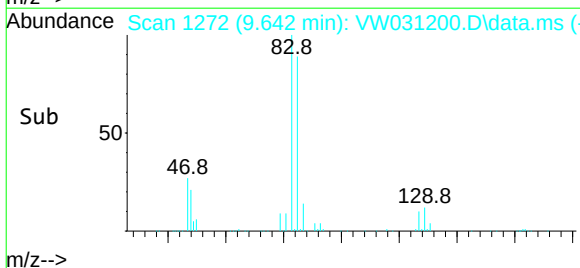
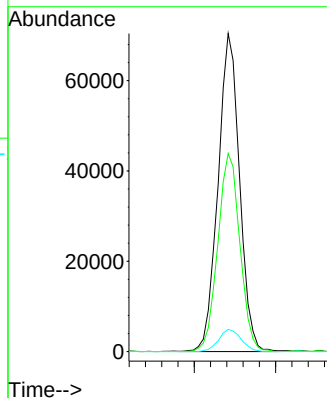
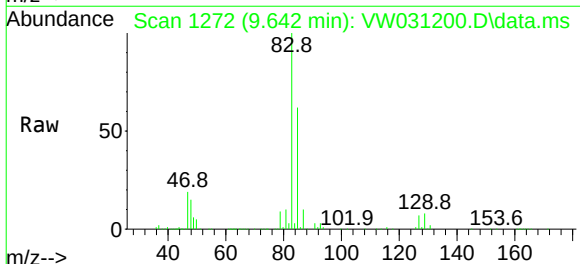
Tgt Ion: 83 Resp: 129359

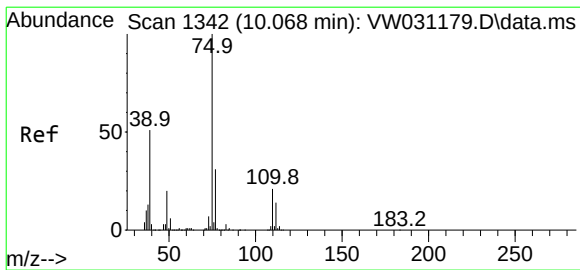
Ion Ratio Lower Upper

83 100

85 62.3 48.7 90.5

127 7.0 7.2 10.8#

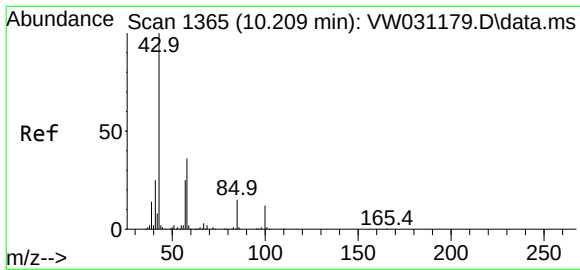
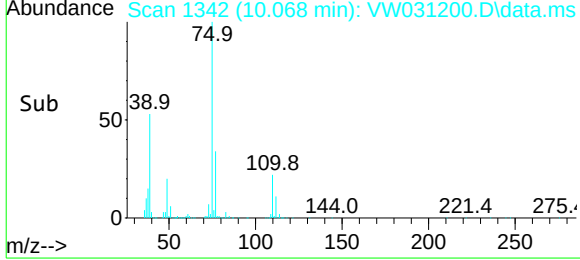
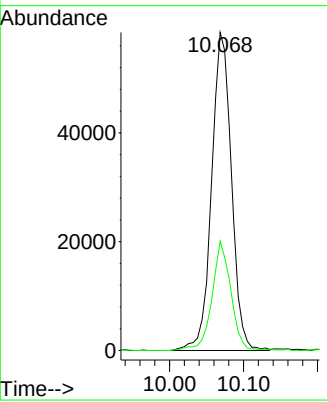
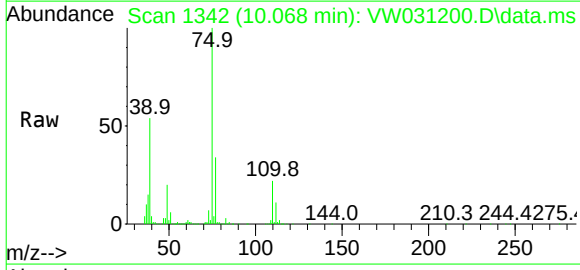




#39
 cis-1,3-Dichloropropene
 Concen: 15.406 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

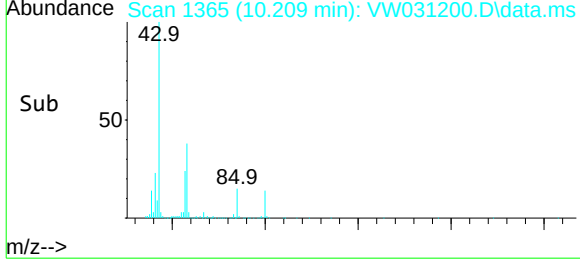
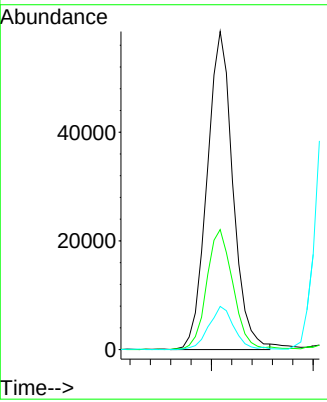
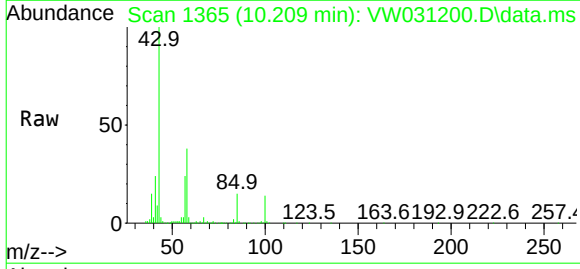
Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MS

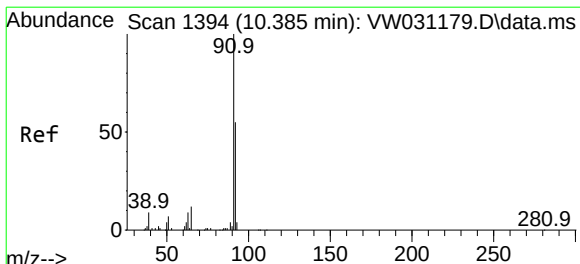
Tgt Ion:	75	Resp:	108810
Ion	Ratio	Lower	Upper
75	100		
77	34.4	21.6	40.2



#40
 4-Methyl-2-pentanone
 Concen: 49.347 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

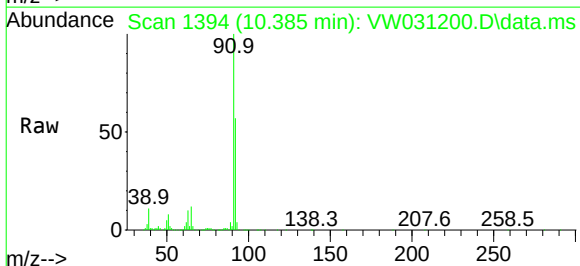
Tgt Ion:	43	Resp:	103372
Ion	Ratio	Lower	Upper
43	100		
58	38.1	33.7	50.5
100	13.1	14.2	21.2





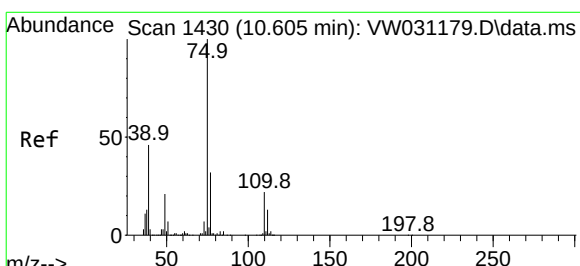
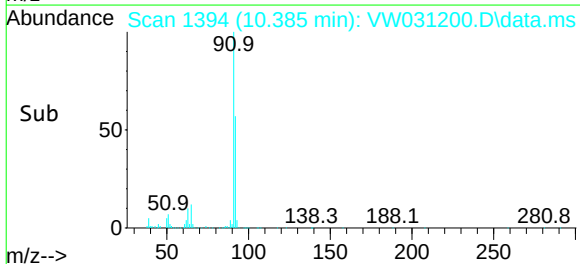
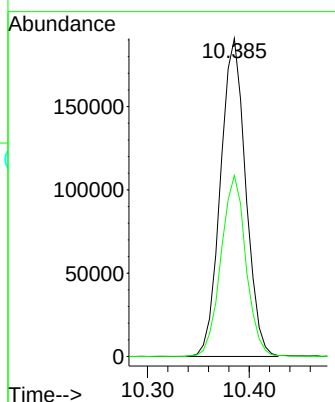
#42
Toluene
Concen: 16.572 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Instrument : MSVOA_W
ClientSampleId : E28Q4MS



Tgt Ion: 91 Resp: 328275

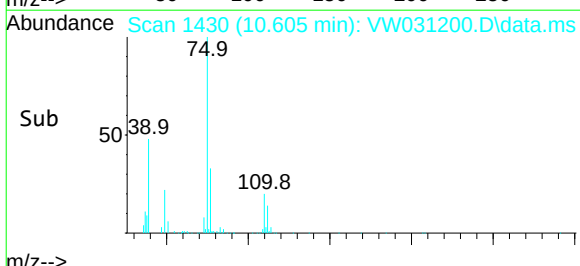
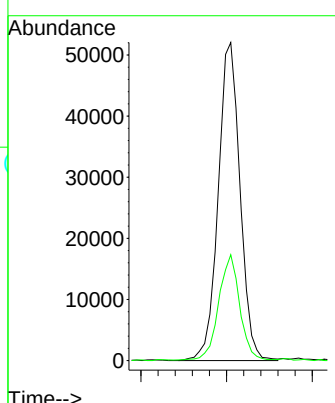
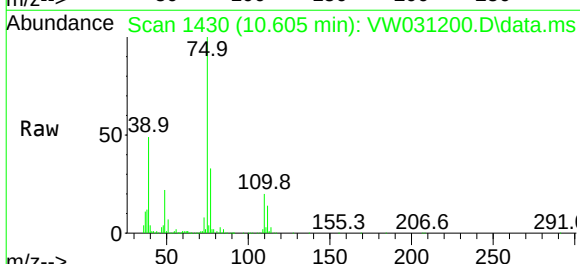
Ion	Ratio	Lower	Upper
91	100		
92	57.0	40.8	75.8

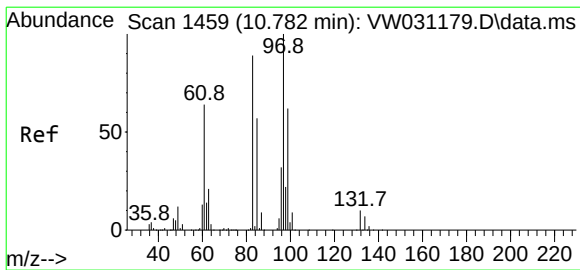


#44
trans-1,3-Dichloropropene
Concen: 15.873 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion: 75 Resp: 92168

Ion	Ratio	Lower	Upper
75	100		
77	33.3	22.1	41.1





#45

1,1,2-Trichloroethane

Concen: 20.960 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

E28Q4MS

Tgt Ion: 97 Resp: 67385

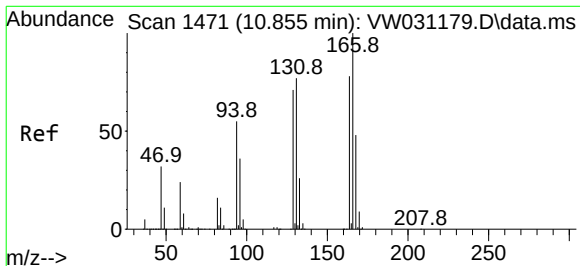
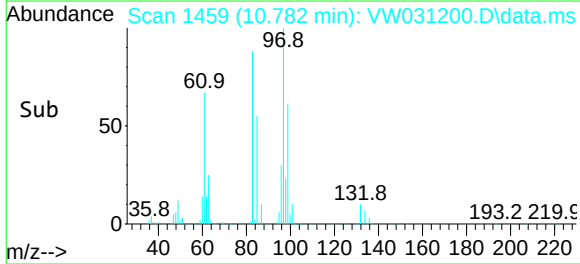
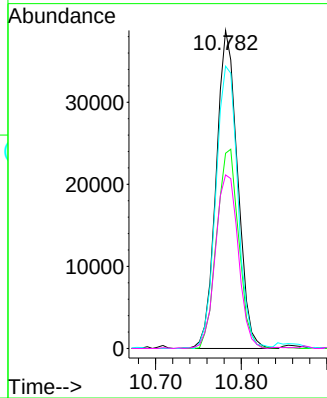
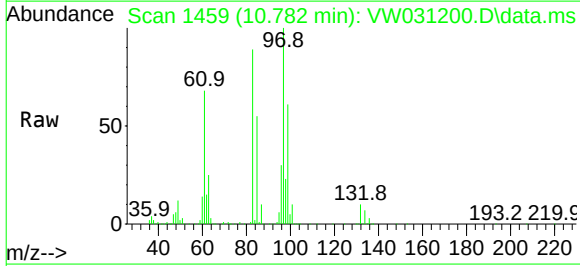
Ion Ratio Lower Upper

97 100

99 61.4 42.4 78.8

83 88.8 57.8 107.4

85 54.6 36.6 68.0



#46

Tetrachloroethene

Concen: 10.756 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Tgt Ion: 164 Resp: 41359

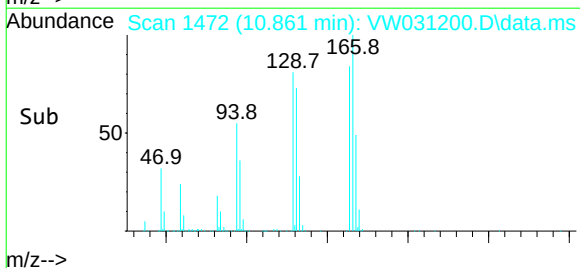
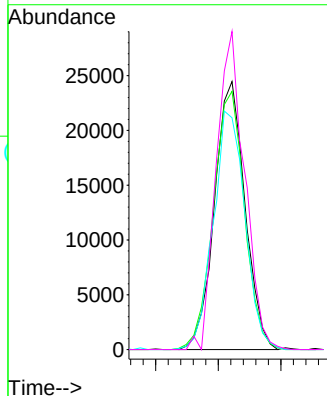
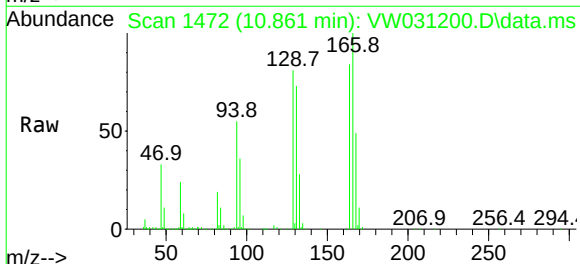
Ion Ratio Lower Upper

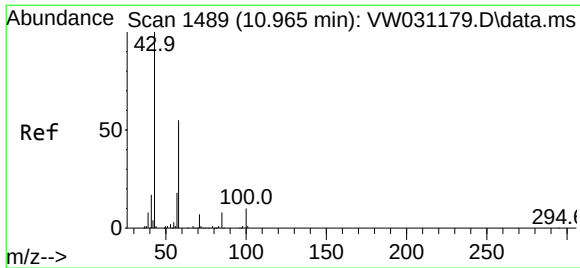
164 100

129 96.3 61.9 114.9

131 86.5 67.9 126.1

166 118.6 85.8 159.3





#48

2-Hexanone

Concen: 45.382 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031200.D

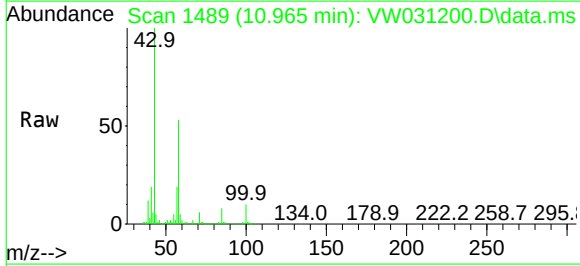
Acq: 10 Dec 2024 18:42

Instrument :

MSVOA_W

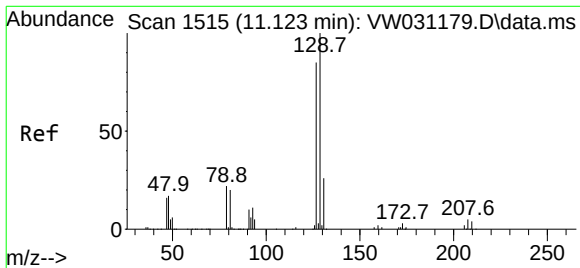
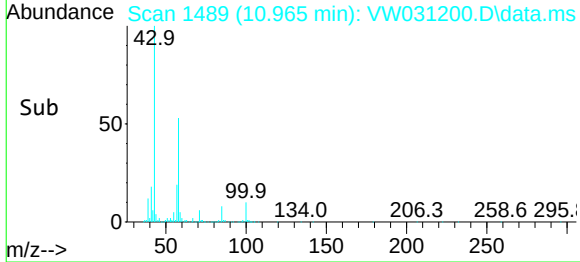
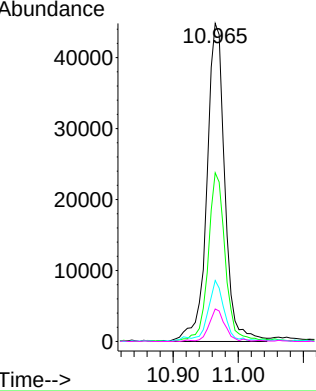
ClientSampleId :

E28Q4MS



Tgt Ion: 43 Resp: 86007

Ion	Ratio	Lower	Upper
43	100		
58	50.3	49.8	74.6
57	16.5	16.6	24.8
100	8.5	11.4	17.2



#49

Dibromochloromethane

Concen: 17.742 ug/L

RT: 11.129 min Scan# 1516

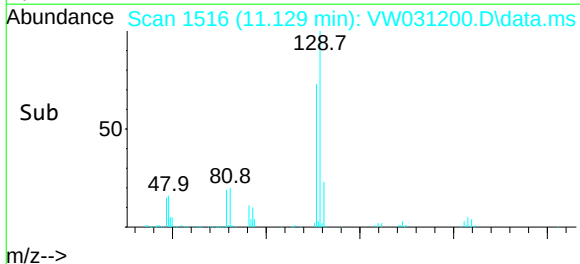
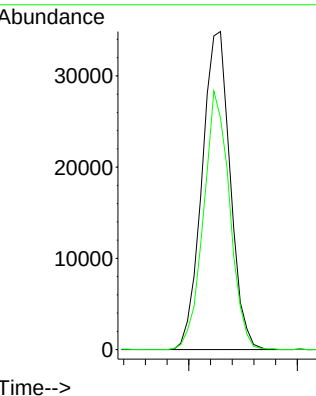
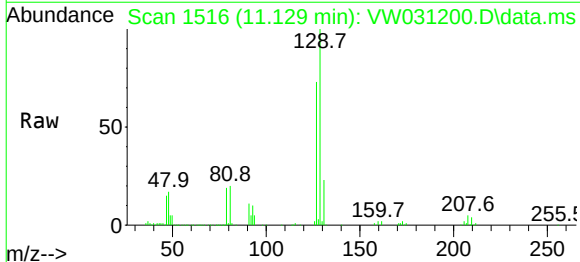
Delta R.T. 0.006 min

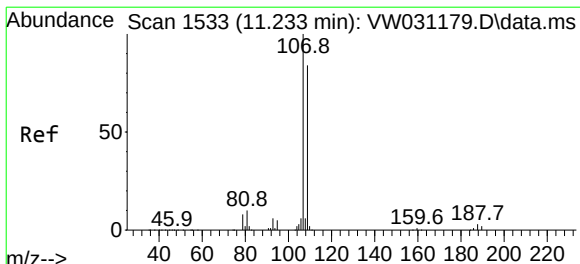
Lab File: VW031200.D

Acq: 10 Dec 2024 18:42

Tgt Ion: 129 Resp: 62836

Ion	Ratio	Lower	Upper
129	100		
127	72.8	51.4	95.4



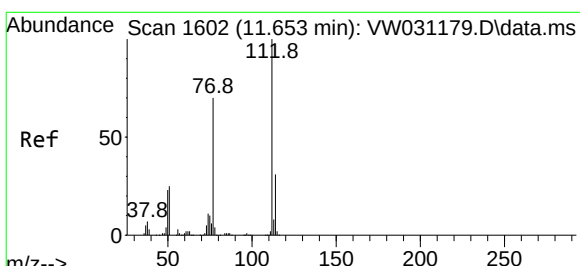
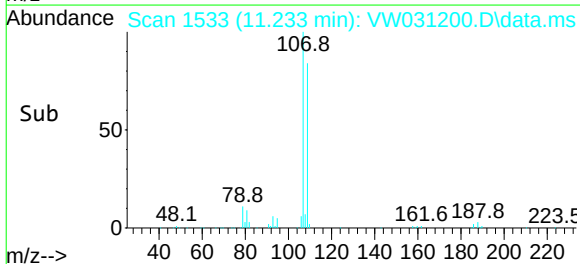
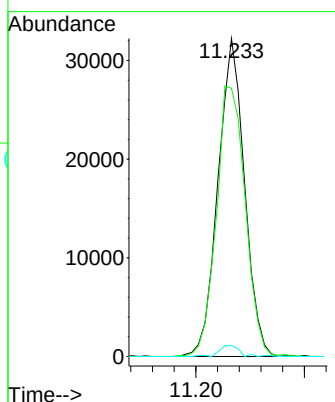
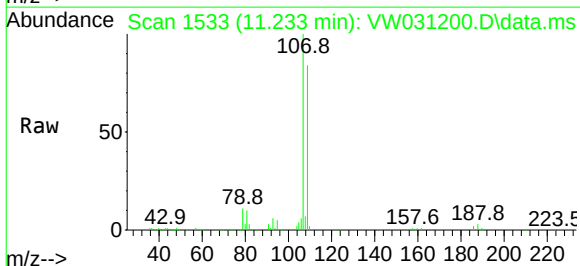


#50
 1,2-Dibromoethane
 Concen: 18.184 ug/L
 RT: 11.233 min Scan# 1533
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MS

Tgt Ion: 107 Resp: 54629

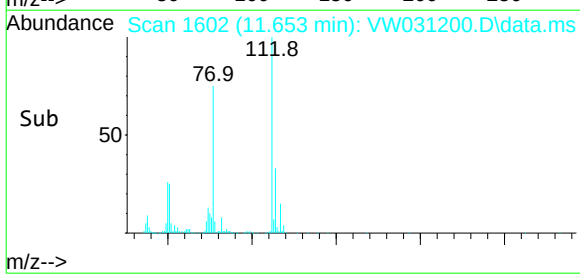
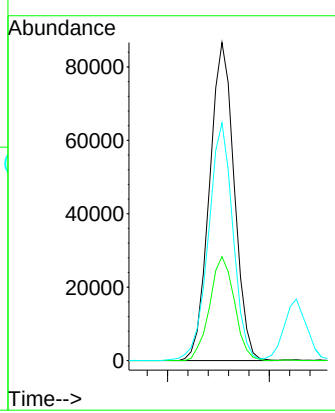
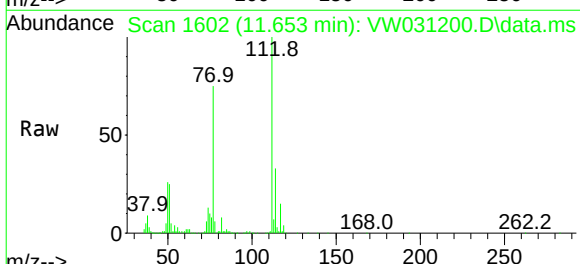
Ion	Ratio	Lower	Upper
107	100		
109	86.5	71.0	131.9
188	3.4	3.0	4.4

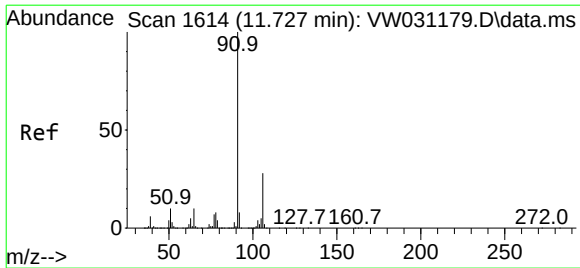


#51
 Chlorobenzene
 Concen: 11.602 ug/L
 RT: 11.653 min Scan# 1602
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

Tgt Ion: 112 Resp: 146709

Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.2	39.4
77	74.7	45.4	68.0

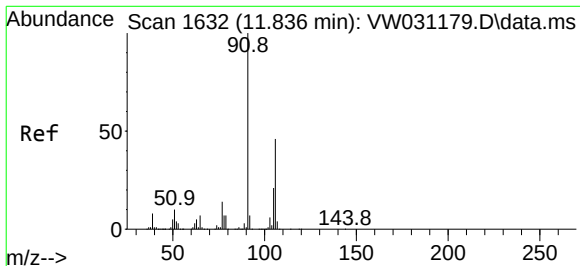
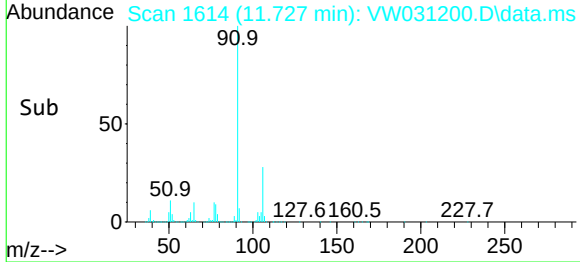
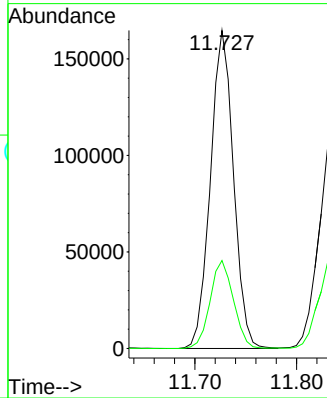
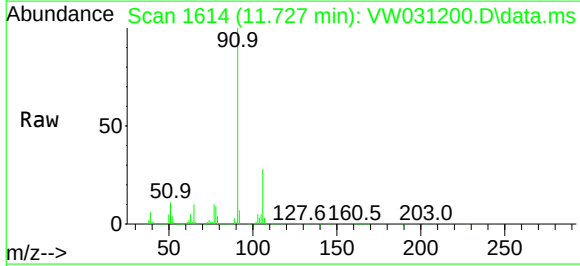




#52
 Ethylbenzene
 Concen: 11.565 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

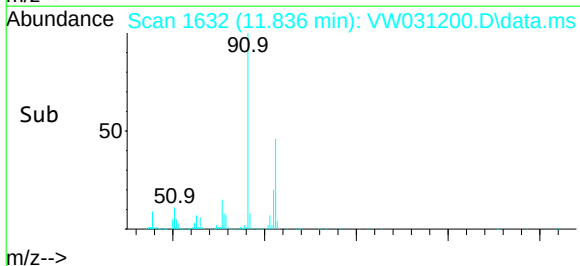
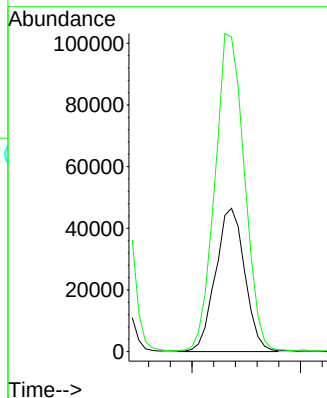
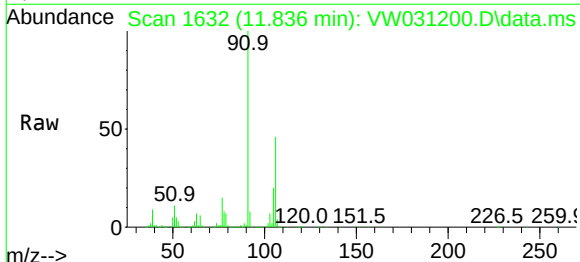
Instrument : MSVOA_W
 ClientSampleId : E28Q4MS

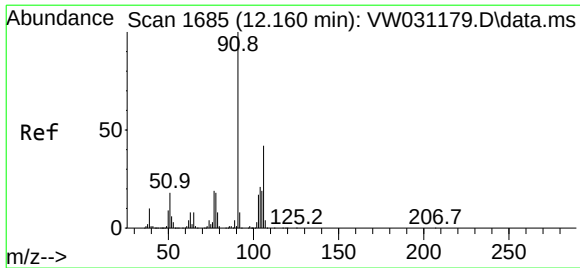
Tgt Ion: 91 Resp: 259611
 Ion Ratio Lower Upper
 91 100
 106 27.7 21.3 39.5



#53
 m,p-Xylene
 Concen: 10.411 ug/L
 RT: 11.836 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

Tgt Ion: 106 Resp: 86980
 Ion Ratio Lower Upper
 106 100
 91 219.6 140.9 261.7

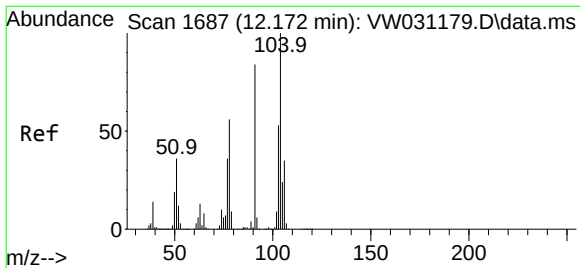
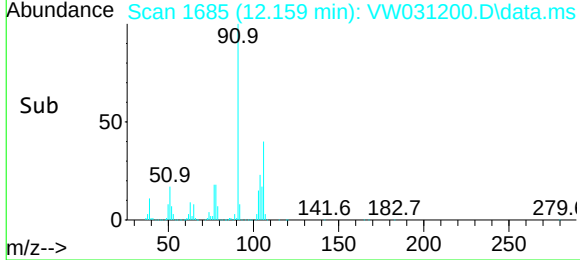
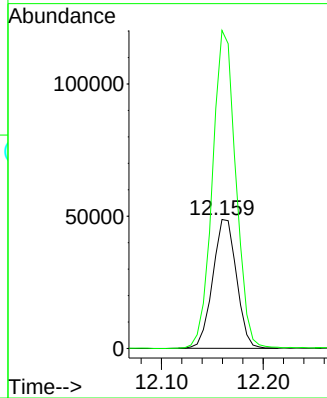
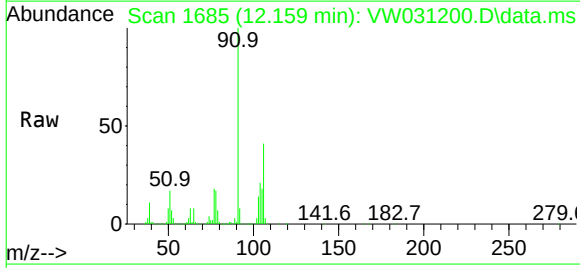




#54
o-Xylene
Concen: 10.187 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

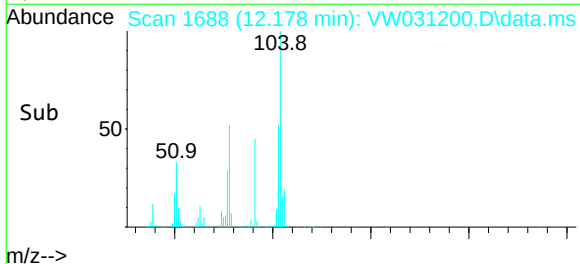
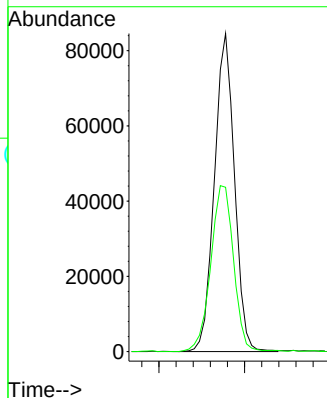
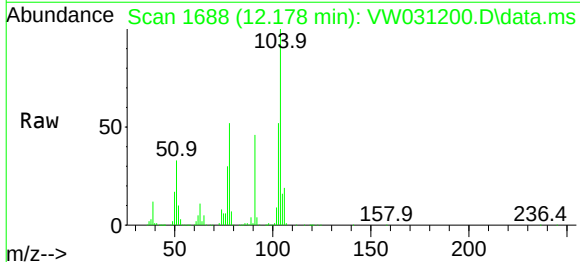
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

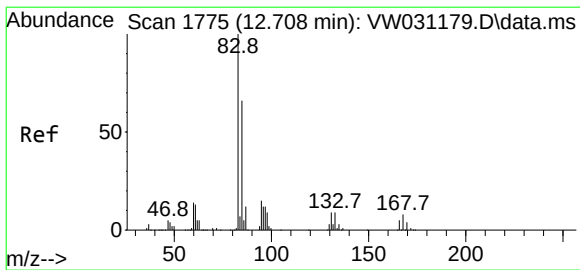
Tgt Ion:106 Resp: 79179
Ion Ratio Lower Upper
106 100
91 246.5 152.7 283.5



#55
Styrene
Concen: 10.532 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion:104 Resp: 137799
Ion Ratio Lower Upper
104 100
78 51.7 30.2 56.0

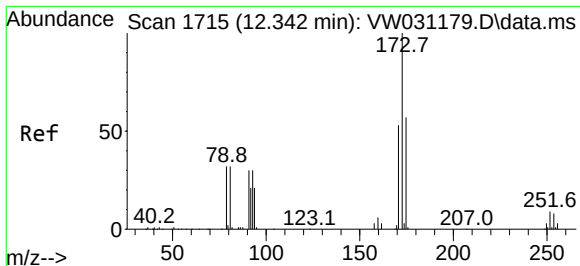
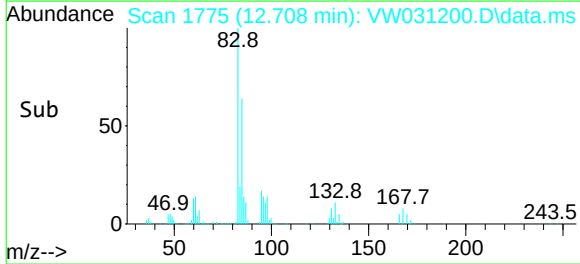
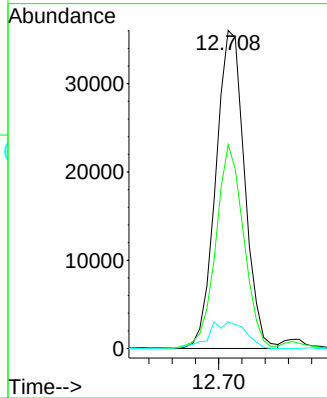
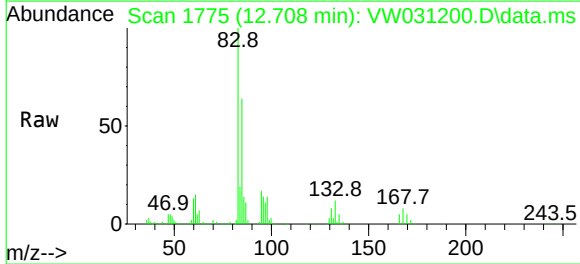




#57
1,1,2,2-Tetrachloroethane
Concen: 17.776 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

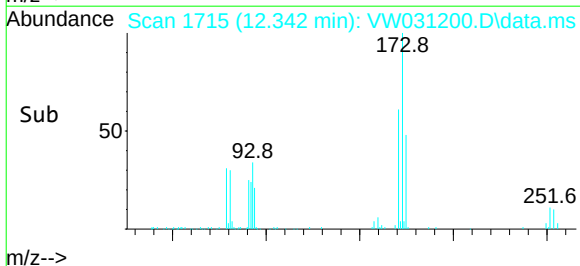
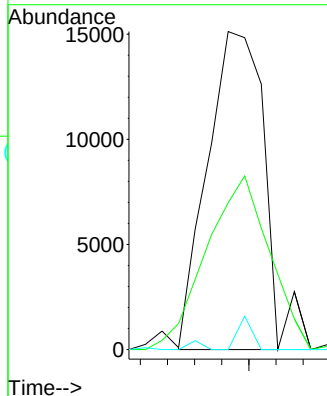
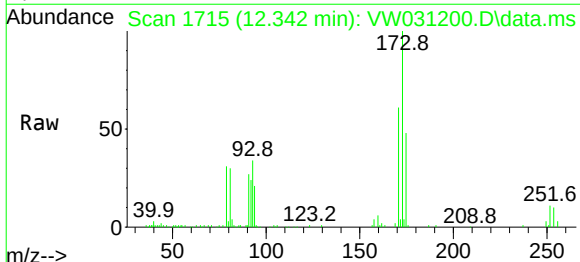
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

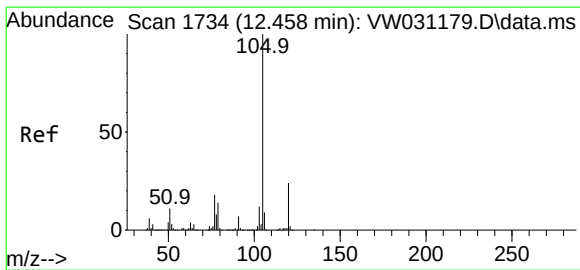
Tgt Ion:	83	Resp:	61908
Ion Ratio	Lower	Upper	
83	100		
85	64.1	48.3	89.7
131	8.3	8.9	13.3#



#59
Bromoform
Concen: 22.020 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion:	173	Resp:	21247
Ion Ratio	Lower	Upper	
173	100		
175	62.9	36.6	54.8#
254	0.0	7.7	11.5#

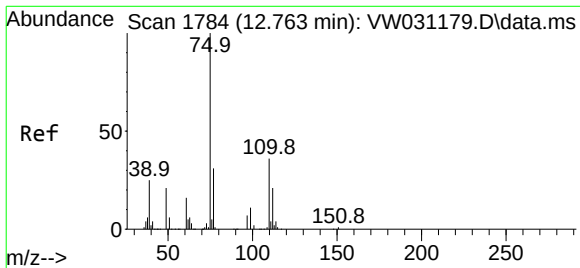
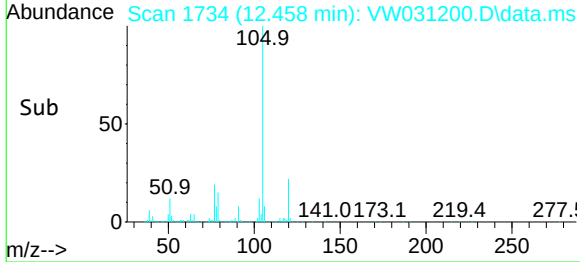
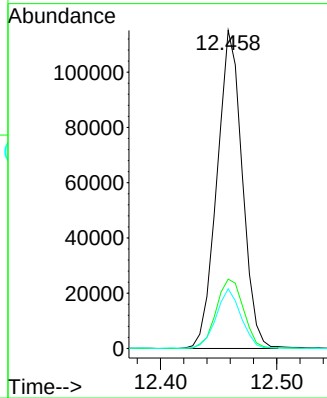
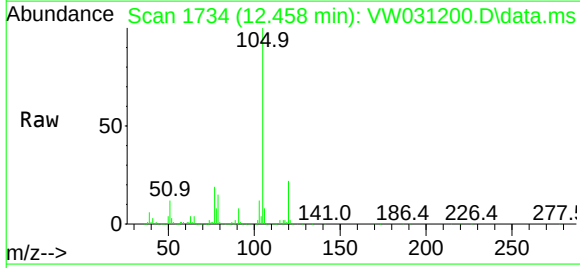




#60
Isopropylbenzene
Concen: 16.307 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

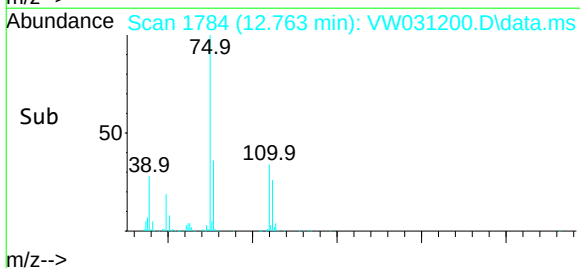
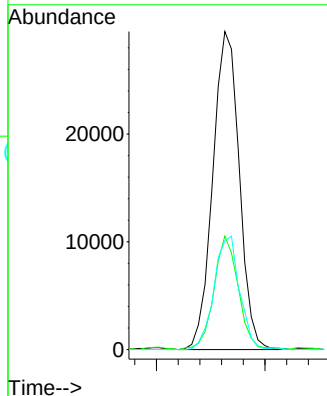
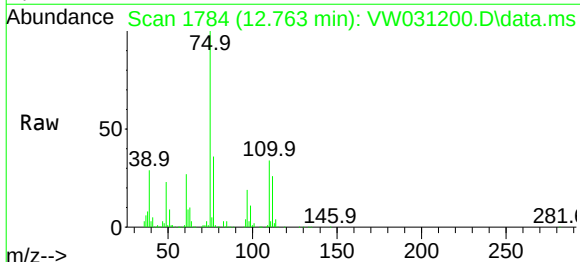
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

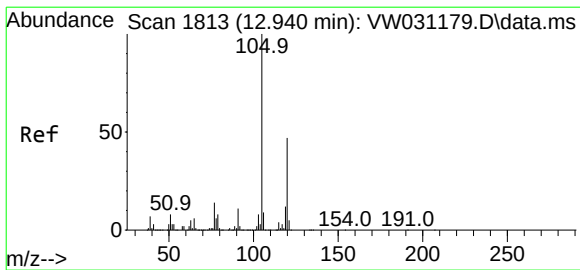
Tgt Ion: 105 Resp: 173831
Ion Ratio Lower Upper
105 100
120 23.7 21.5 32.3
77 18.5 12.3 18.5#



#61
1,2,3-Trichloropropane
Concen: 40.481 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion: 75 Resp: 49947
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2
110 34.4 33.1 49.7

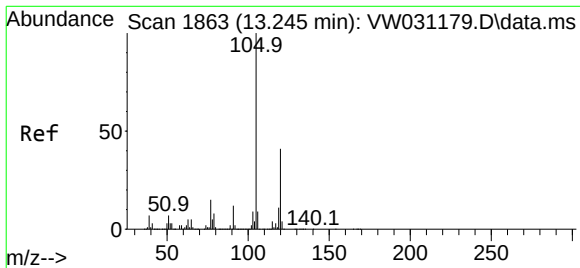
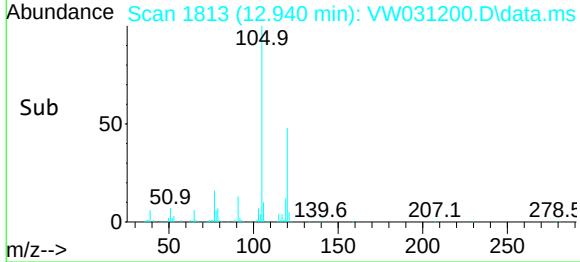
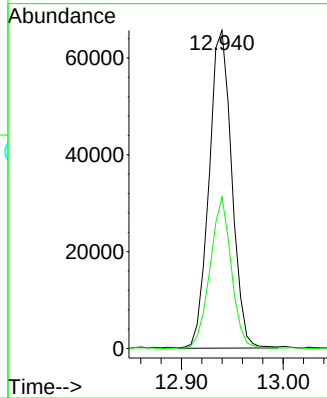
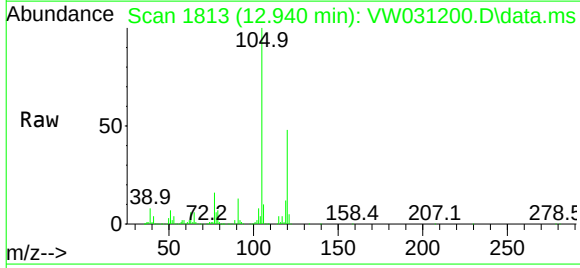




#62
1,3,5-Trimethylbenzene
Concen: 12.128 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

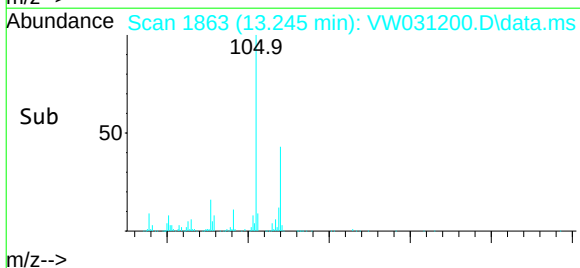
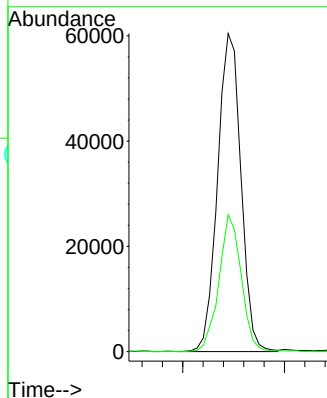
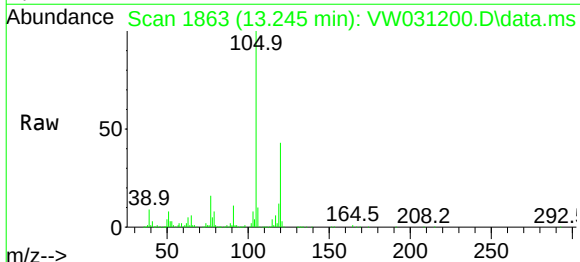
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

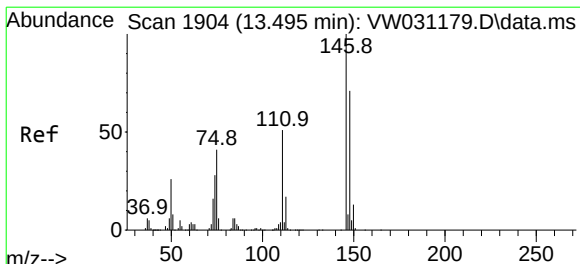
Tgt Ion:105 Resp: 101800
Ion Ratio Lower Upper
105 100
120 44.6 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 11.708 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion:105 Resp: 96542
Ion Ratio Lower Upper
105 100
120 41.0 35.4 53.0

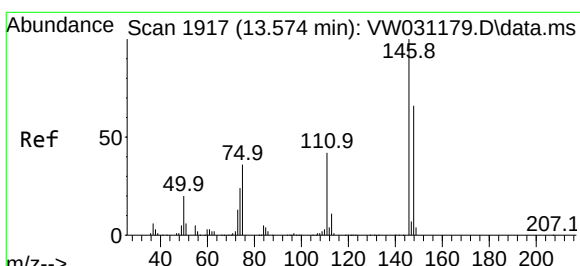
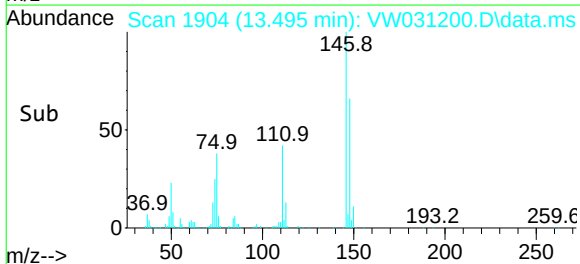
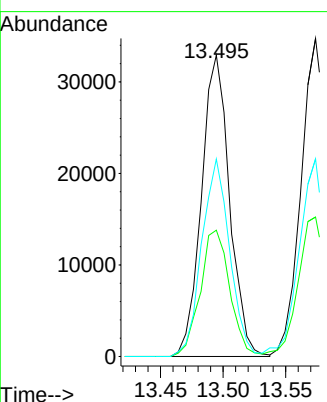
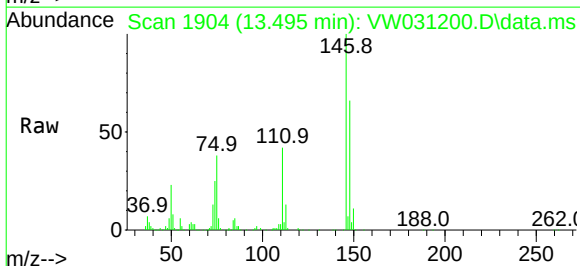




#64
 1,3-Dichlorobenzene
 Concen: 11.045 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

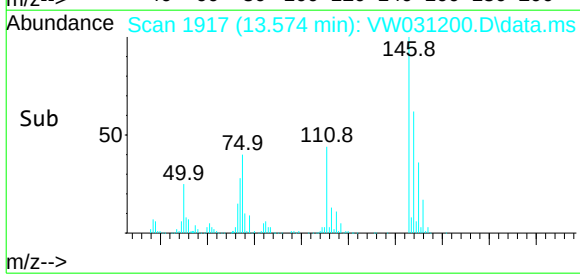
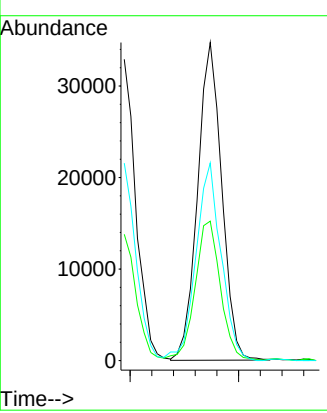
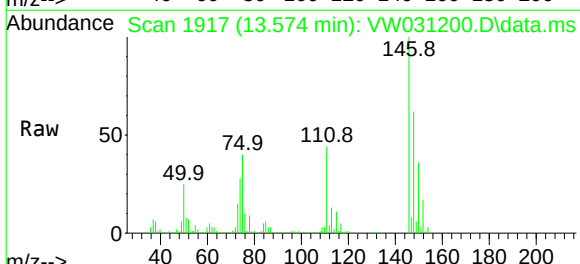
Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MS

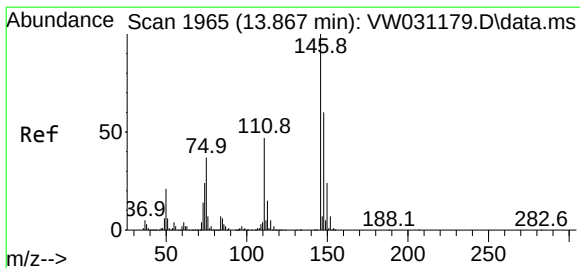
Tgt Ion:	146	Resp:	51342
Ion Ratio	Lower	Upper	
146	100		
111	41.9	28.5	52.9
148	65.5	44.1	81.9



#65
 1,4-Dichlorobenzene
 Concen: 11.452 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW031200.D
 Acq: 10 Dec 2024 18:42

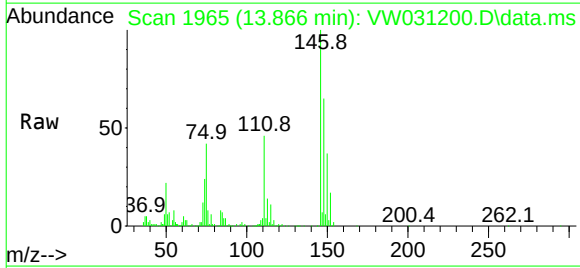
Tgt Ion:	146	Resp:	53776
Ion Ratio	Lower	Upper	
146	100		
111	43.8	26.6	49.4
148	62.1	42.1	78.1



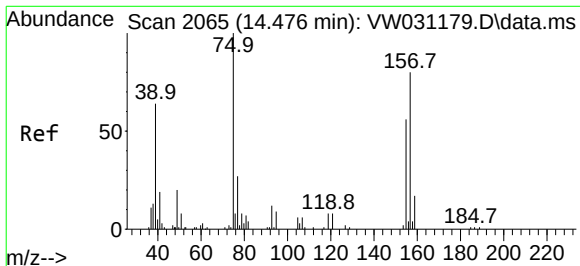
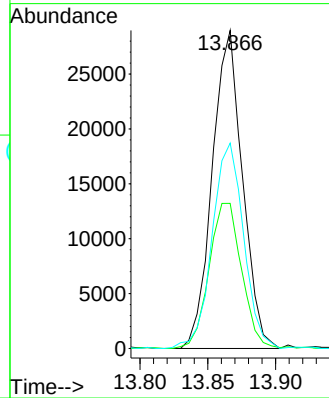
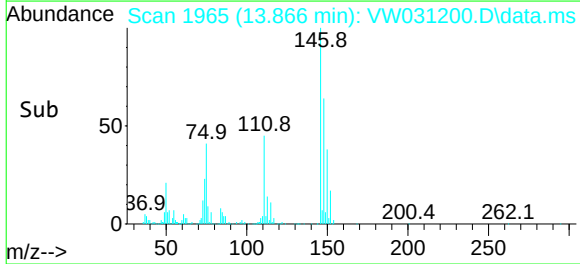


#67
1,2-Dichlorobenzene
Concen: 11.051 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

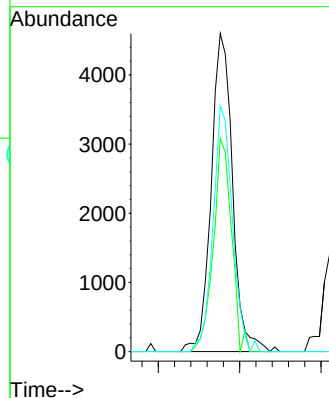
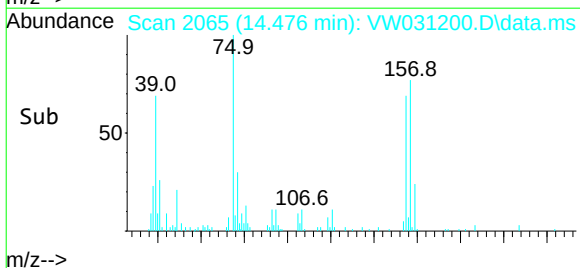
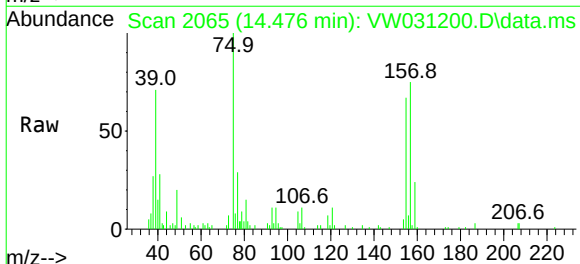


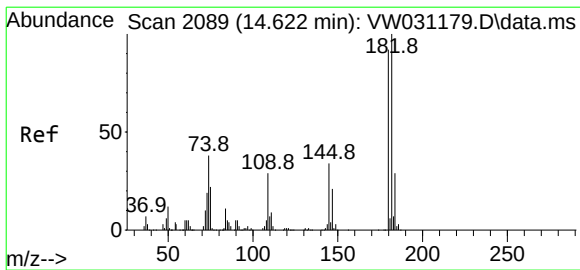
Tgt Ion: 146 Resp: 44936
Ion Ratio Lower Upper
146 100
111 45.6 30.9 46.3
148 64.6 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 31.261 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion: 75 Resp: 8375
Ion Ratio Lower Upper
75 100
155 67.0 63.1 94.7
157 77.2 82.1 123.1#

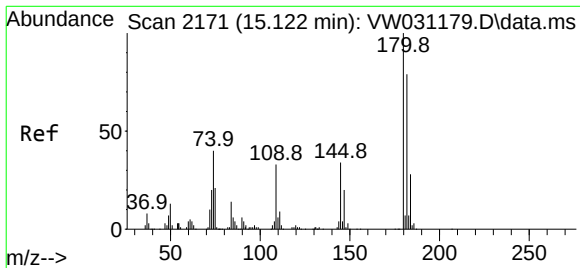
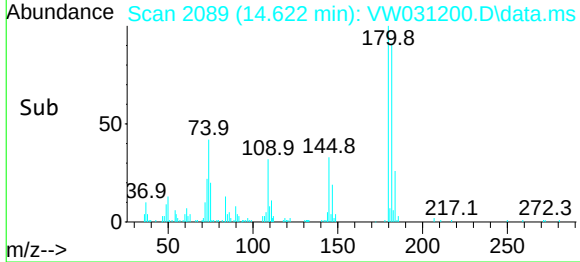
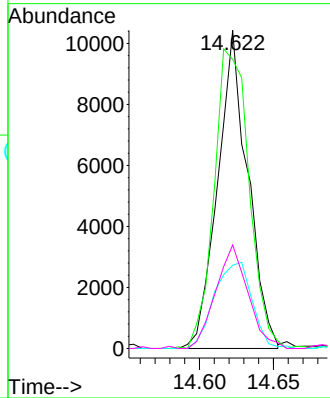
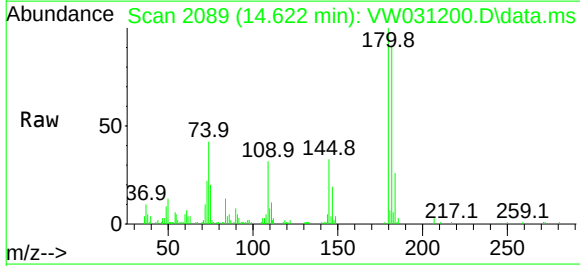




#69
1,3,5-Trichlorobenzene
Concen: 4.671 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

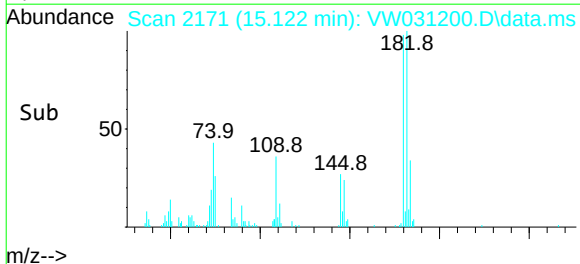
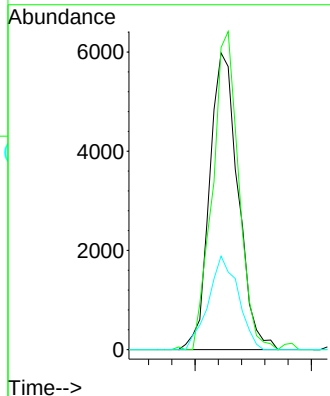
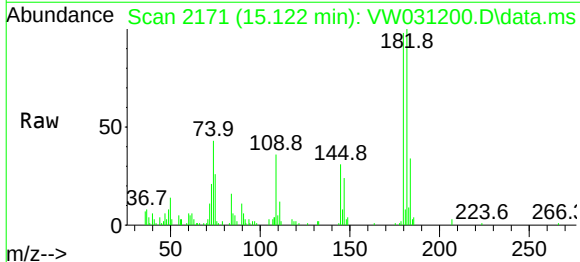
Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

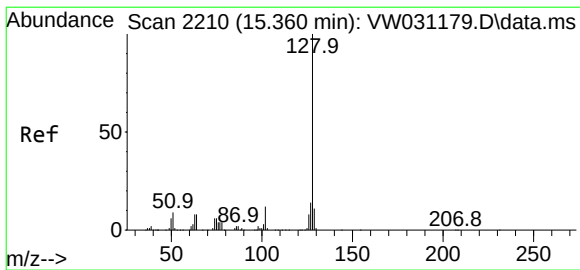
Tgt Ion:	180	Resp:	14753
Ion	Ratio	Lower	Upper
180	100		
182	108.9	78.2	117.2
184	33.7	24.0	36.0
145	34.9	24.3	36.5



#70
1,2,4-trichlorobenzene
Concen: 4.123 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion:	180	Resp:	10213
Ion	Ratio	Lower	Upper
180	100		
182	98.2	76.1	114.1
145	32.9	25.7	38.5

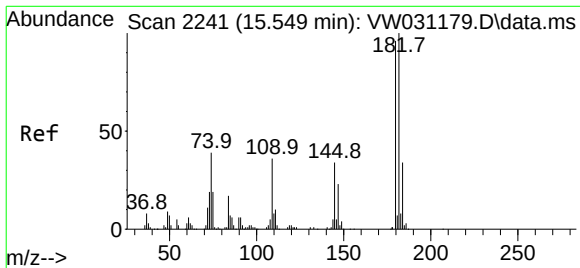
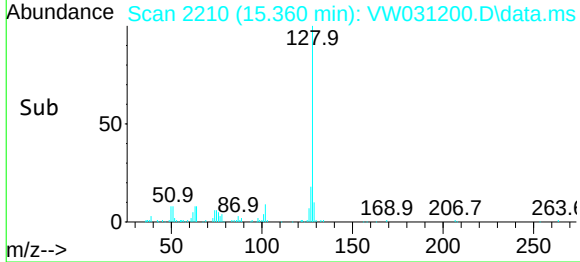
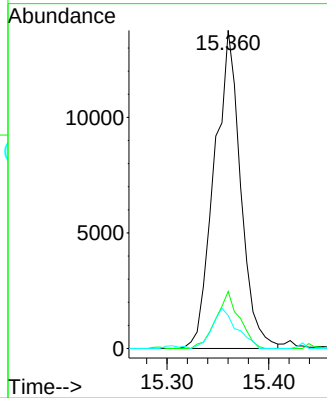
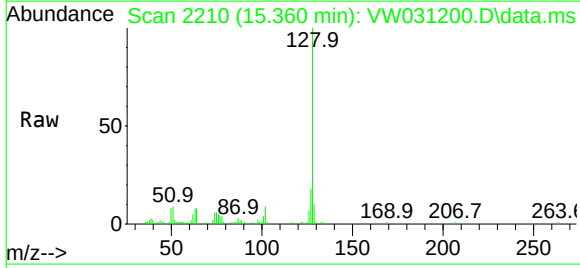




#71
Naphthalene
Concen: 6.203 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MS

Tgt Ion:	128	Resp:	24750
Ion Ratio	Lower	Upper	
128	100		
127	15.9	10.4	15.6#
129	11.7	8.3	12.5



#72
1,2,3-Trichlorobenzene
Concen: 3.935 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031200.D
Acq: 10 Dec 2024 18:42

Tgt Ion:	180	Resp:	8343
Ion Ratio	Lower	Upper	
180	100		
182	94.6	78.7	118.1
145	38.2	26.3	39.5

