

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121124\
 Data File : VW031224.D
 Acq On : 11 Dec 2024 19:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 03:07:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 03:01:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	306437	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	286380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	93476	19.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.280%
7) Chloroethane-d5	2.905	69	79198	21.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	4.021	65	45038	20.933	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.720%
21) 2-Butanone-d5	7.100	46	46686	56.608	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.220%
24) Chloroform-d	7.648	84	224538	25.018	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	8.301	65	123877	28.049	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	8.276	84	384207	21.828	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.320%
36) 1,2-Dichloropropane-d6	9.270	67	130297	25.272	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	10.319	98	344886	21.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.840%
43) trans-1,3-Dichloroprop...	10.575	79	50284	24.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.880%
47) 2-Hexanone-d5	10.922	63	33320	55.160	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99073	28.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	106441	20.857	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	89716	23.184	ug/L	99
3) Chloromethane	2.216	50	96840	21.218	ug/L	96
5) Vinyl chloride	2.375	62	140615	25.649	ug/L	97
6) Bromomethane	2.789	94	83266	23.884	ug/L	94
8) Chloroethane	2.936	64	82621	25.195	ug/L	97
9) Trichlorofluoromethane	3.265	101	139847	24.243	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	108614	24.784	ug/L	88
12) 1,1-Dichloroethene	4.039	96	94677	21.755	ug/L	78
13) Acetone	4.173	43	57939	39.021	ug/L	69
14) Carbon disulfide	4.387	76	324304	22.722	ug/L	98
16) Methylene chloride	4.917	84	114597	25.838	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	104575	22.605	ug/L	87
18) Methyl tert-butyl Ether	5.435	73	162452	25.100	ug/L	96
19) 1,1-Dichloroethane	6.222	63	229007	26.913	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112639	23.180	ug/L	90
22) 2-Butanone	7.185	43	60749	43.535	ug/L	93
23) Bromochloromethane	7.514	128	49030	23.765	ug/L	# 77
25) Chloroform	7.673	83	229472	25.929	ug/L	98
29) Cyclohexane	7.953	56	176504	24.486	ug/L	92

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 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 03:01:22 2024
 Response via : Initial Calibration

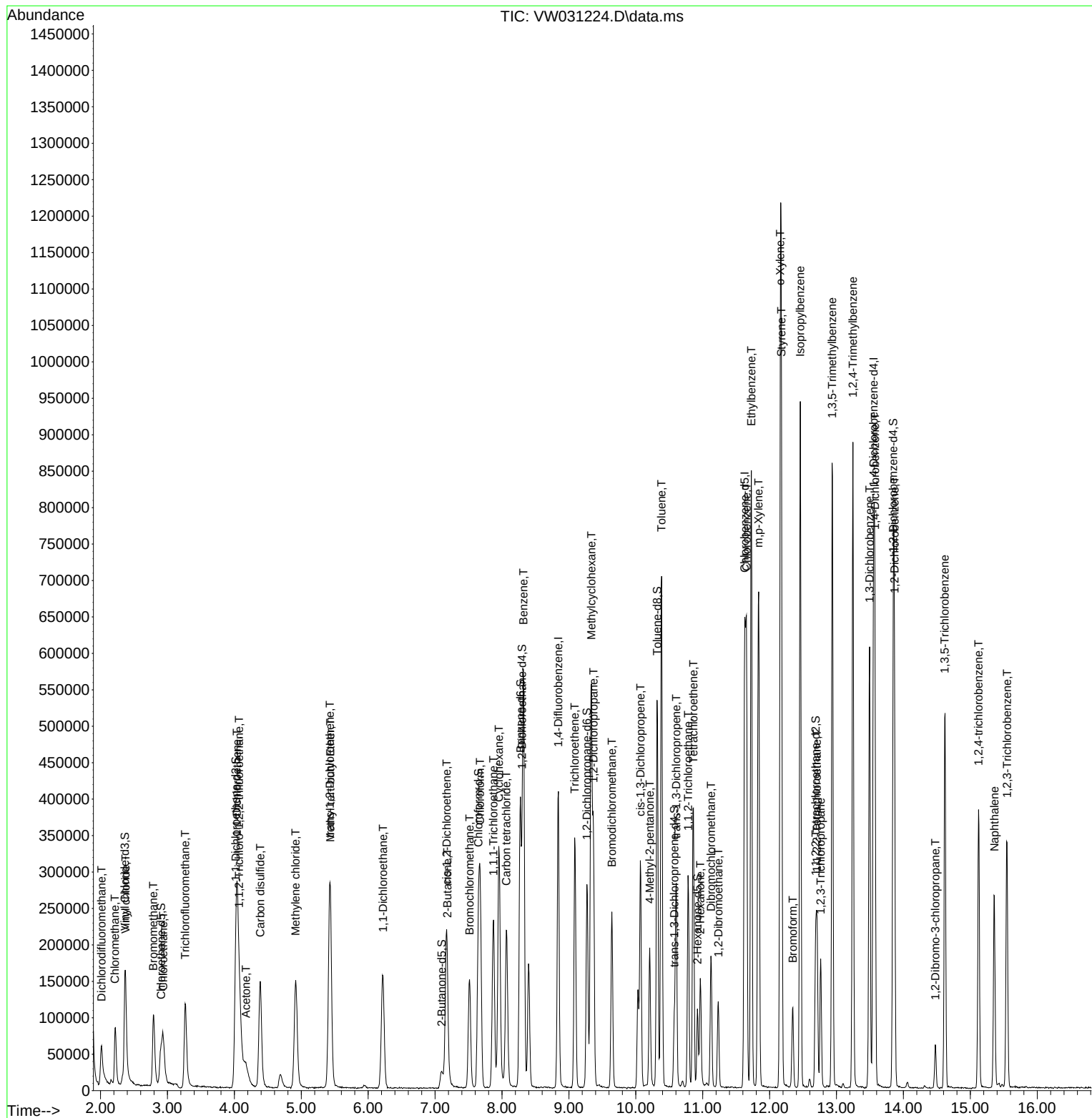
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.874	97	180172	23.357	ug/L #	94
31) Carbon tetrachloride	8.063	117	161790	22.953	ug/L	98
33) Benzene	8.319	78	476042	24.581	ug/L	100
34) Trichloroethene	9.087	95	124838	23.370	ug/L	90
35) Methylcyclohexane	9.337	83	205076	24.125	ug/L	89
37) 1,2-Dichloropropane	9.367	63	132747	27.555	ug/L	97
38) Bromodichloromethane	9.642	83	157954	25.049	ug/L	91
39) cis-1,3-Dichloropropene	10.069	75	179335	24.656	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	124726	57.817	ug/L #	92
42) Toluene	10.386	91	508161	24.910	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	157845	26.397	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	84197	25.431	ug/L	97
46) Tetrachloroethene	10.861	164	42543	10.743	ug/L	90
48) 2-Hexanone	10.965	43	98502	50.469	ug/L #	88
49) Dibromochloromethane	11.123	129	89422	24.518	ug/L	94
50) 1,2-Dibromoethane	11.233	107	78924	25.510	ug/L #	87
51) Chlorobenzene	11.654	112	289111	22.201	ug/L #	88
52) Ethylbenzene	11.727	91	581530	25.155	ug/L	96
53) m,p-Xylene	11.837	106	205071	23.835	ug/L	85
54) o-Xylene	12.160	106	192166	24.008	ug/L	92
55) Styrene	12.178	104	343308	25.480	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.708	83	103807	28.943	ug/L	94
59) Bromoform	12.349	173	42288	20.142	ug/L #	85
60) Isopropylbenzene	12.458	105	532072	22.939	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	73054	27.211	ug/L	96
62) 1,3,5-Trimethylbenzene	12.934	105	437772	23.968	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	435284	24.260	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	225698	22.313	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	235588	23.057	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	191941	21.693	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16576	28.435	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.617	180	145944	21.234	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	100013	18.558	ug/L	92
71) Naphthalene	15.360	128	207436	23.892	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104806	22.720	ug/L	91

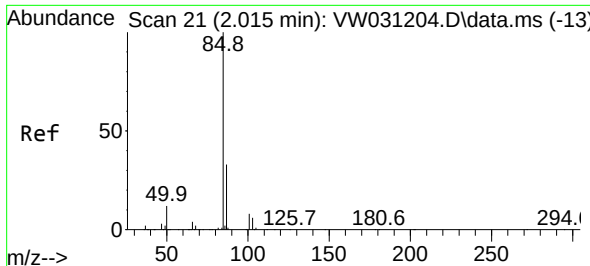
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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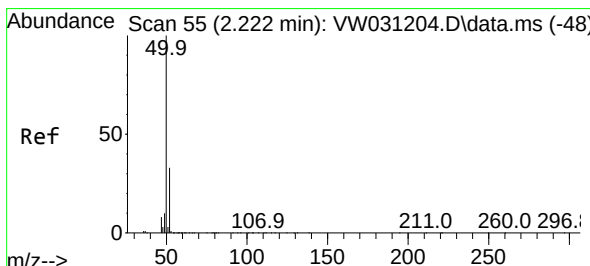
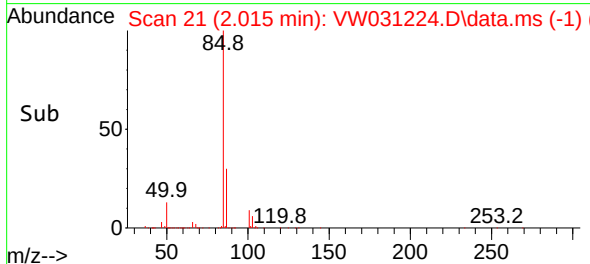
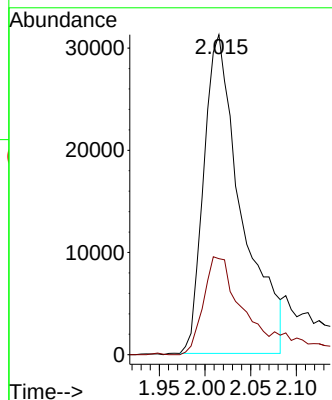
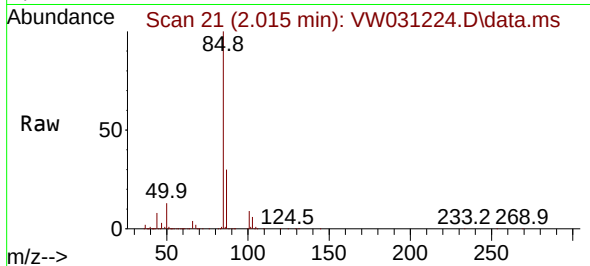




#2
Dichlorodifluoromethane
Concen: 23.184 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

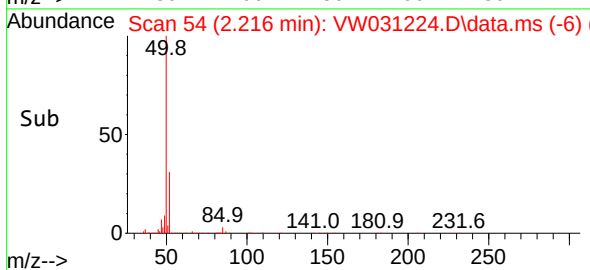
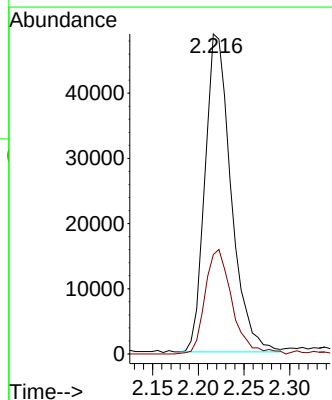
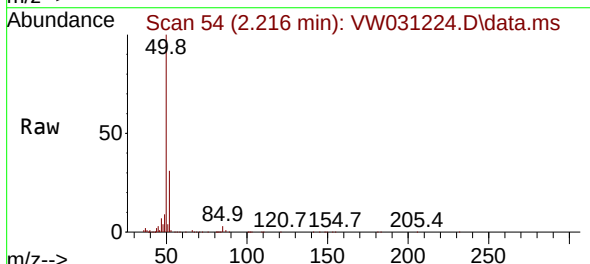
Instrument :
MSVOA_W
ClientSampleId :

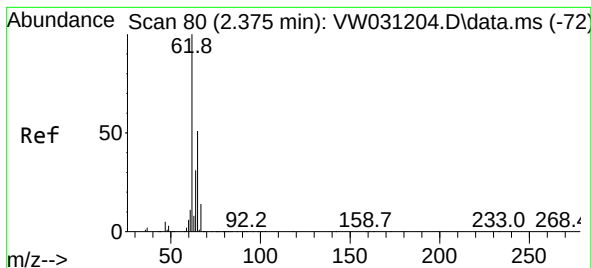
Tgt Ion: 85 Resp: 89716
Ion Ratio Lower Upper
85 100
87 30.3 23.8 35.6



#3
Chloromethane
Concen: 21.218 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 50 Resp: 96840
Ion Ratio Lower Upper
50 100
52 31.0 23.4 43.6





#5

Vinyl chloride

Concen: 25.649 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

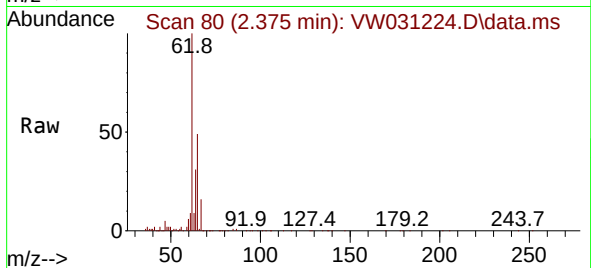
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Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

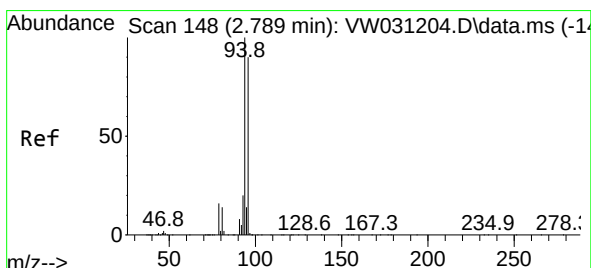
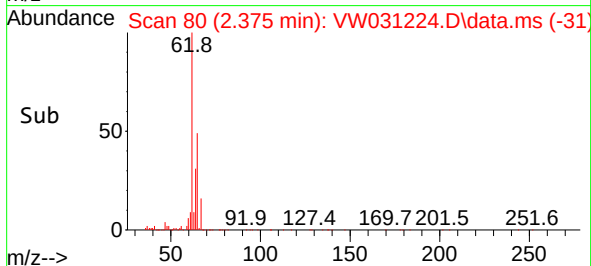
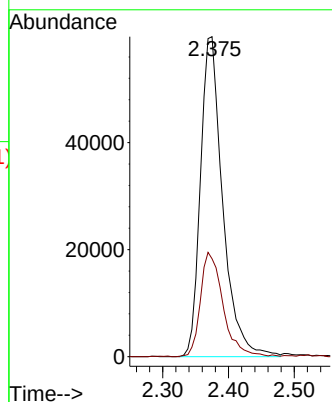


Tgt Ion: 62 Resp: 140615

Ion Ratio Lower Upper

62 100

64 30.6 22.7 42.1



#6

Bromomethane

Concen: 23.884 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031224.D

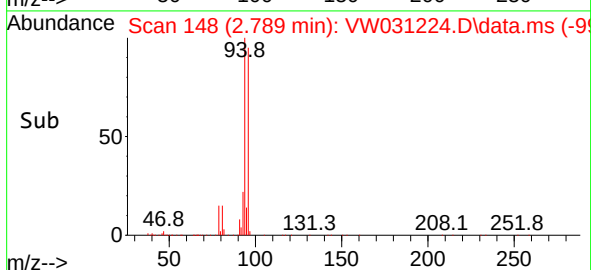
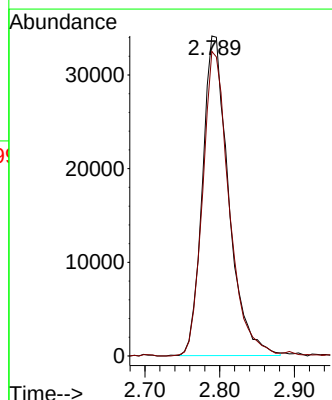
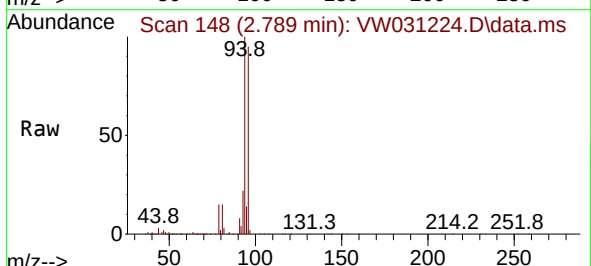
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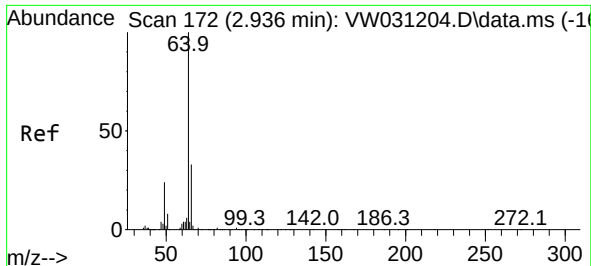
Tgt Ion: 94 Resp: 83266

Ion Ratio Lower Upper

94 100

96 95.2 62.6 116.3





#8

Chloroethane

Concen: 25.195 ug/L

RT: 2.936 min Scan# 172

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

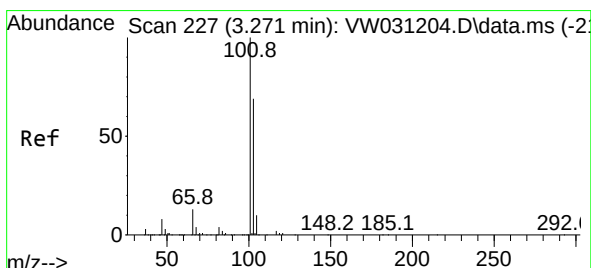
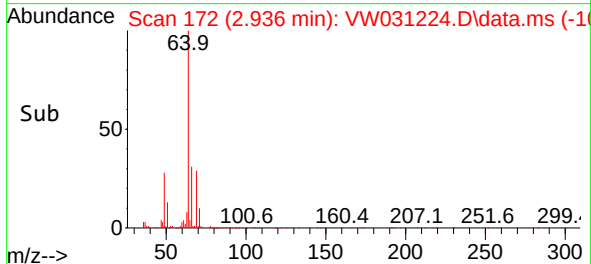
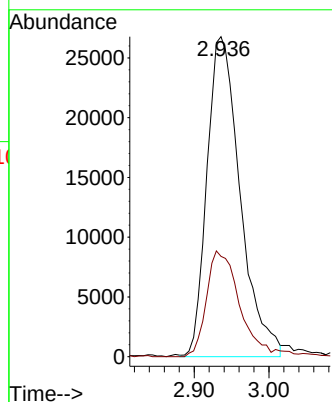
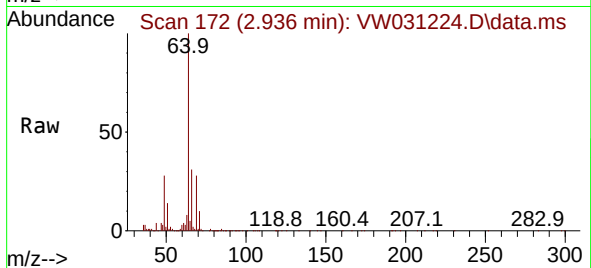
ClientSampleId :

Tgt Ion: 64 Resp: 82621

Ion Ratio Lower Upper

64 100

66 31.3 23.2 43.2



#9

Trichlorofluoromethane

Concen: 24.243 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.006 min

Lab File: VW031224.D

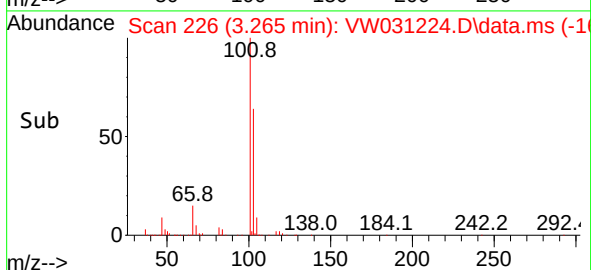
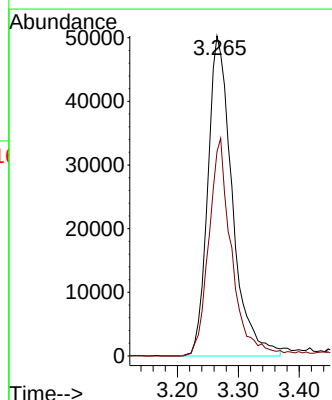
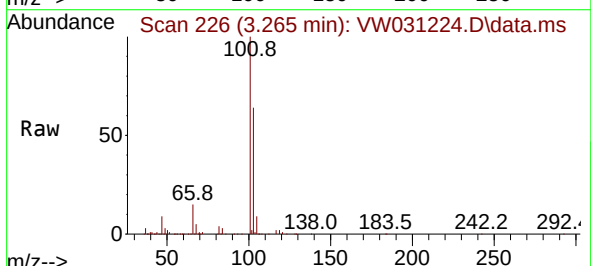
Acq: 11 Dec 2024 19:14

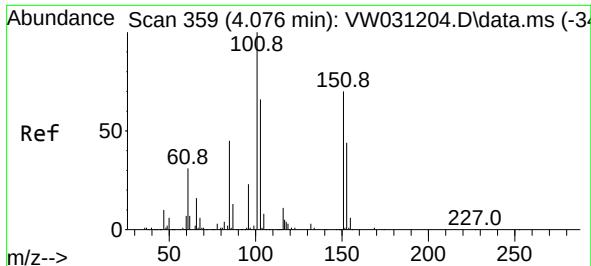
Tgt Ion: 101 Resp: 139847

Ion Ratio Lower Upper

101 100

103 62.7 50.7 76.1

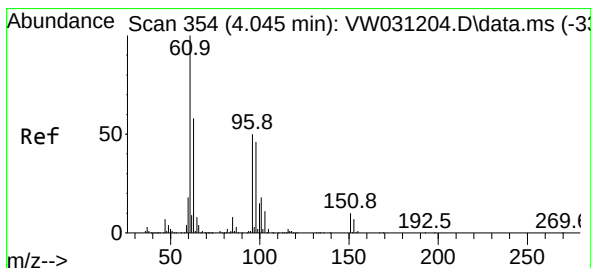
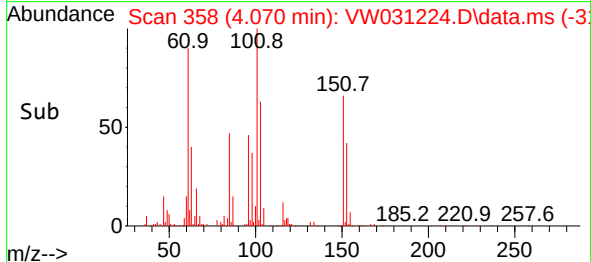
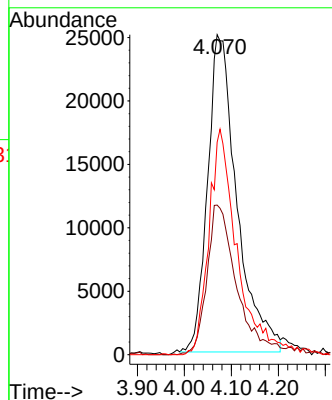
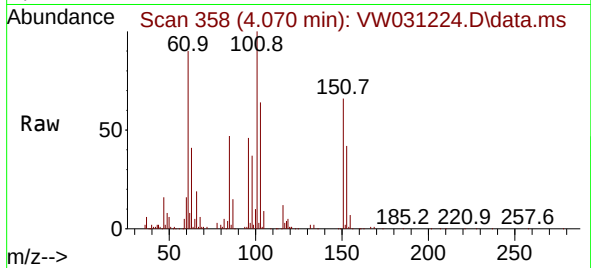




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.784 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW031224.D
 Acq: 11 Dec 2024 19:14

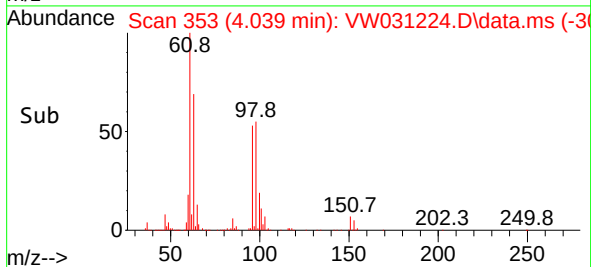
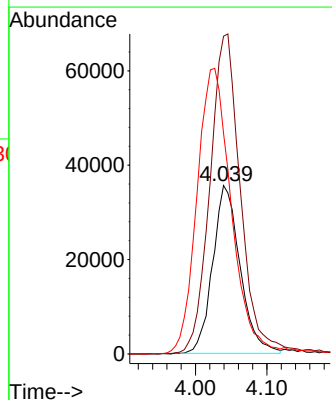
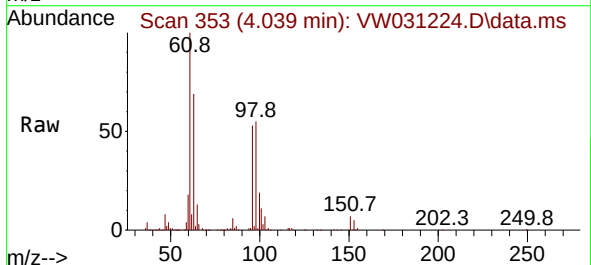
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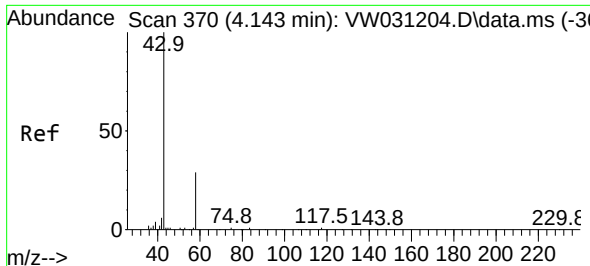
Tgt Ion:101 Resp: 108614
 Ion Ratio Lower Upper
 101 100
 85 45.3 33.9 50.9
 151 62.9 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 21.755 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031224.D
 Acq: 11 Dec 2024 19:14

Tgt Ion: 96 Resp: 94677
 Ion Ratio Lower Upper
 96 100
 61 188.7 113.5 210.9
 63 130.9 73.8 137.2

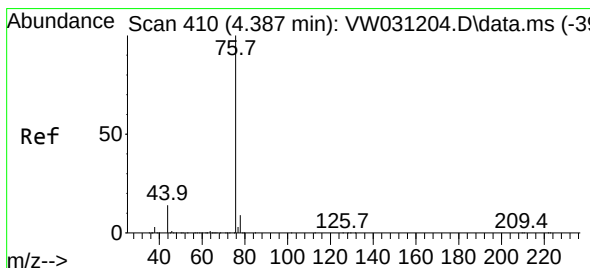
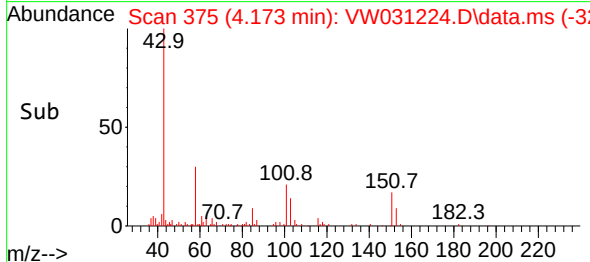
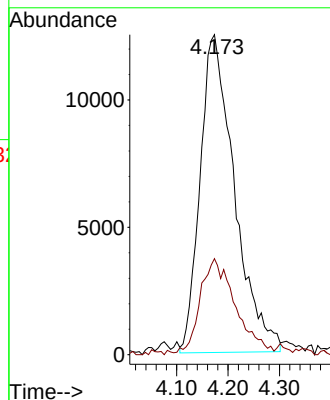
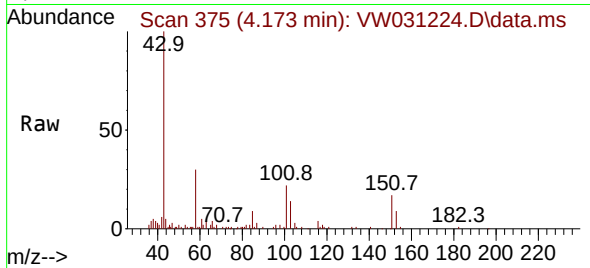




#13
Acetone
Concen: 39.021 ug/L
RT: 4.173 min Scan# 31
Delta R.T. 0.030 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

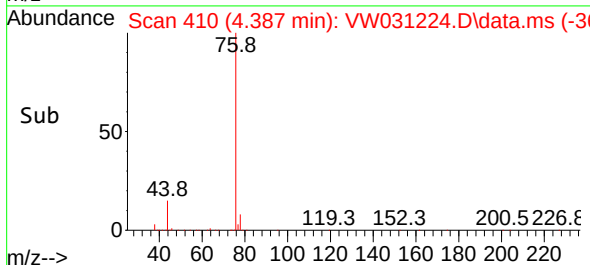
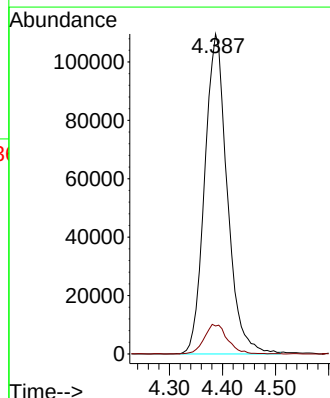
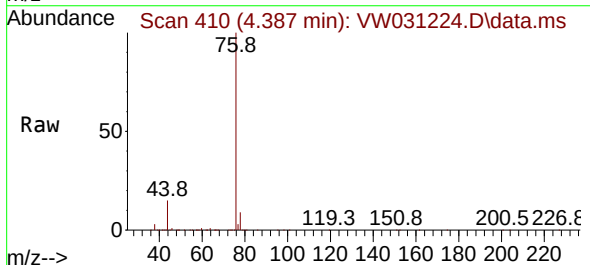
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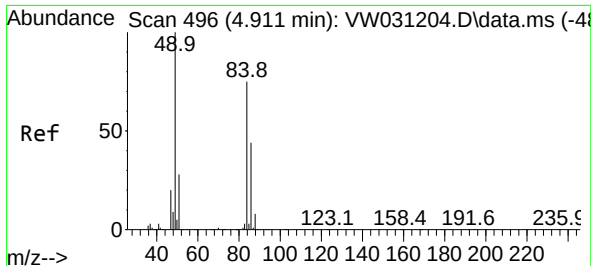
Tgt Ion: 43 Resp: 57939
Ion Ratio Lower Upper
43 100
58 15.8 0.0 67.2



#14
Carbon disulfide
Concen: 22.722 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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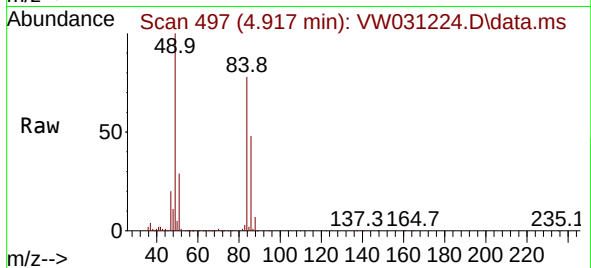
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Ion Ratio Lower Upper
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78 8.7 7.4 11.2



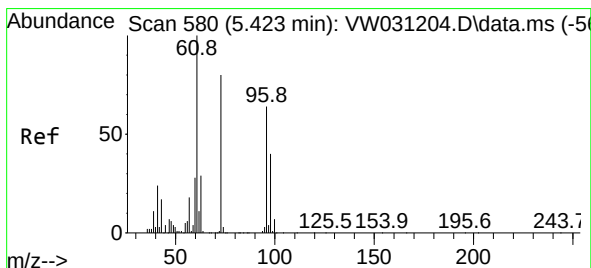
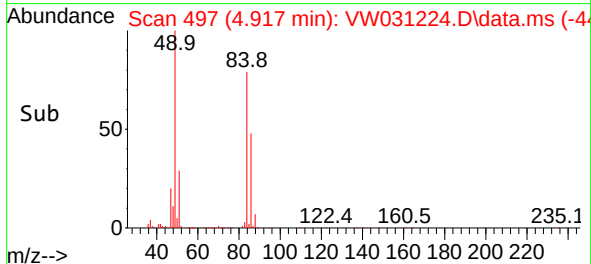
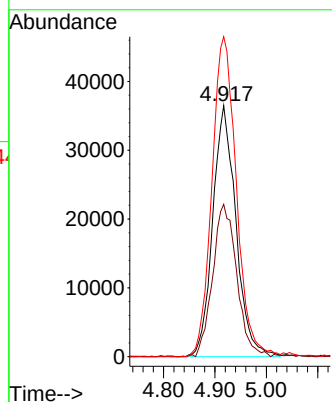


#16
Methylene chloride
Concen: 25.838 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :

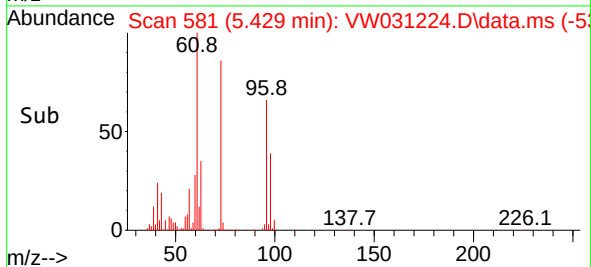
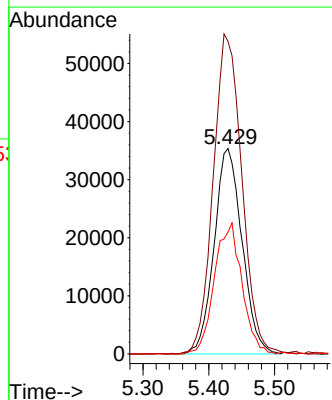
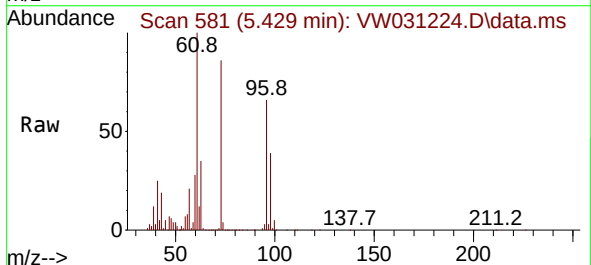


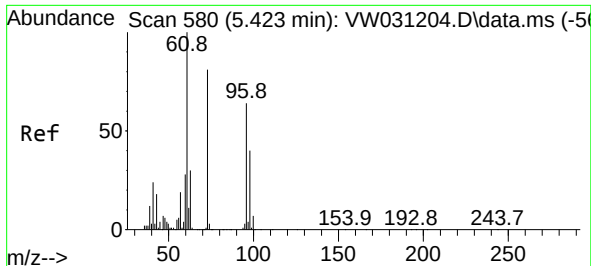
Tgt Ion: 84 Resp: 114597
Ion Ratio Lower Upper
84 100
86 61.6 44.9 83.5
49 127.5 79.9 148.5



#17
trans-1,2-Dichloroethene
Concen: 22.605 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

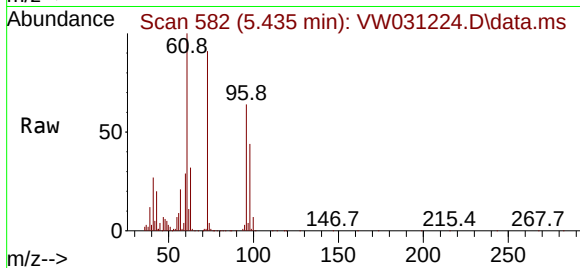
Tgt Ion: 96 Resp: 104575
Ion Ratio Lower Upper
96 100
61 152.1 92.7 172.3
98 59.3 44.4 82.4



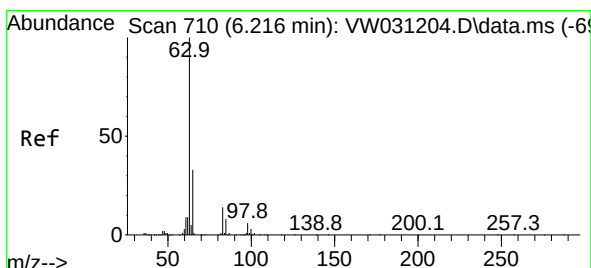
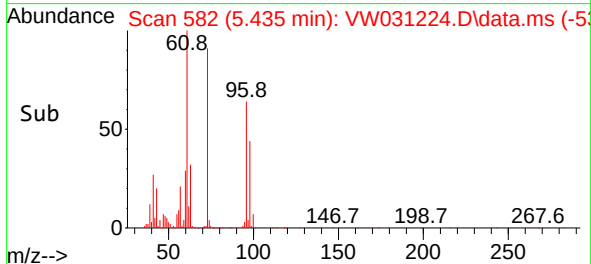
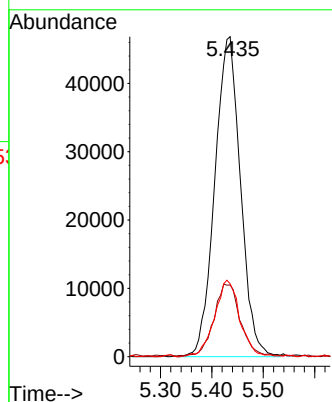


#18
Methyl tert-butyl Ether
Concen: 25.100 ug/L
RT: 5.435 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :

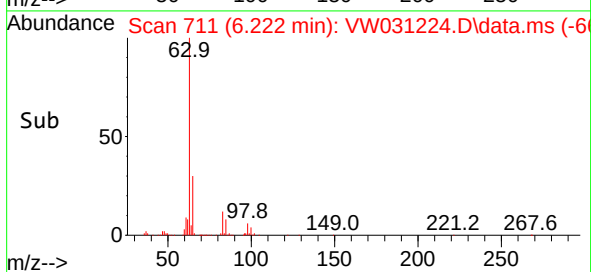
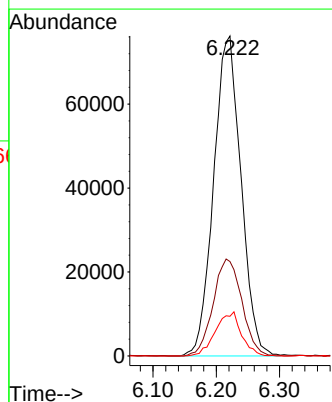
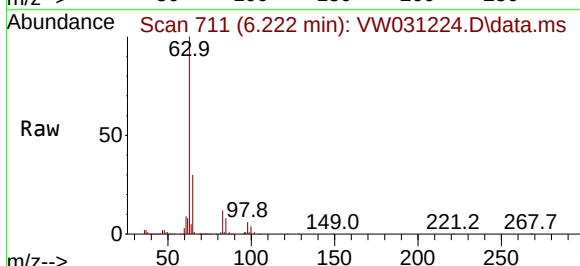


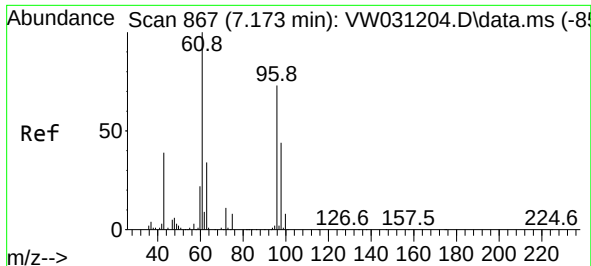
Tgt Ion: 73 Resp: 162452
Ion Ratio Lower Upper
73 100
43 22.6 15.4 23.0
57 22.8 17.6 26.4



#19
1,1-Dichloroethane
Concen: 26.913 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 63 Resp: 229007
Ion Ratio Lower Upper
63 100
65 29.5 21.7 40.3
83 12.4 8.9 16.5

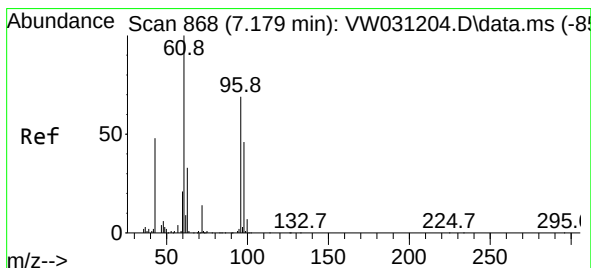
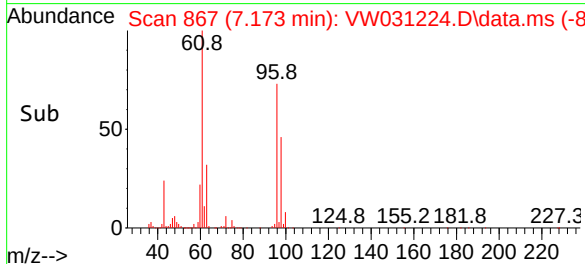
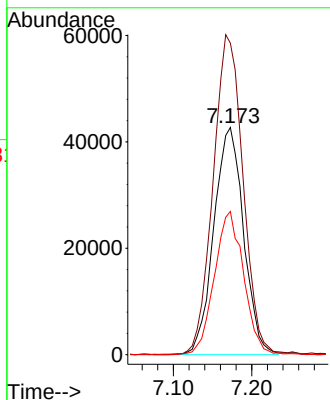
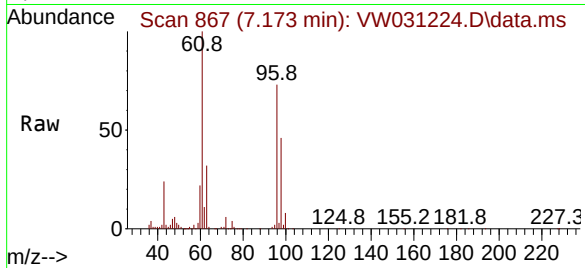




#20
cis-1,2-Dichloroethene
Concen: 23.180 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

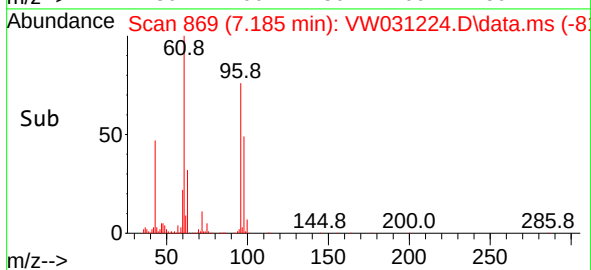
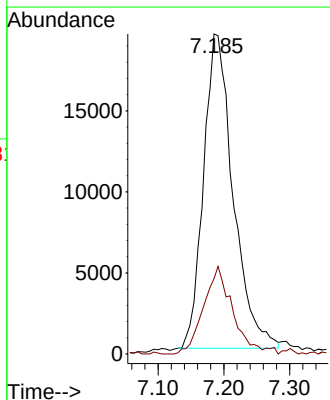
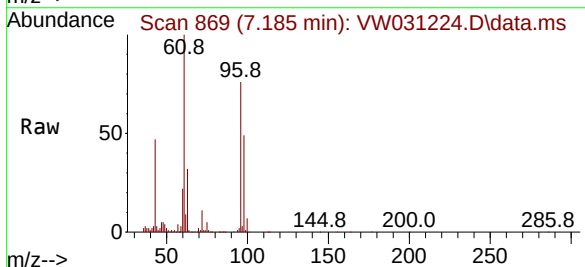
Instrument :
MSVOA_W
ClientSampleId :

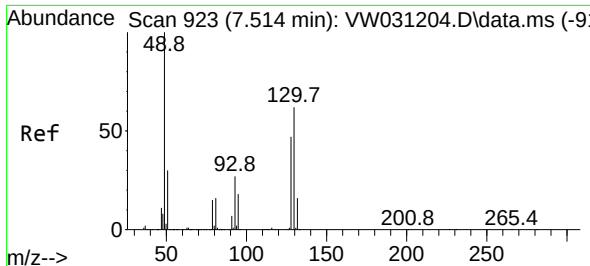
Tgt Ion: 96 Resp: 112639
Ion Ratio Lower Upper
96 100
61 137.1 83.7 155.5
98 63.0 43.9 81.5



#22
2-Butanone
Concen: 43.535 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 43 Resp: 60749
Ion Ratio Lower Upper
43 100
72 26.0 14.9 44.7

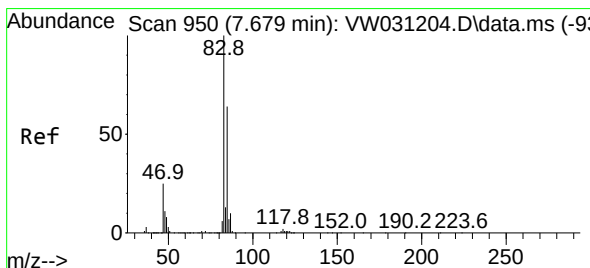
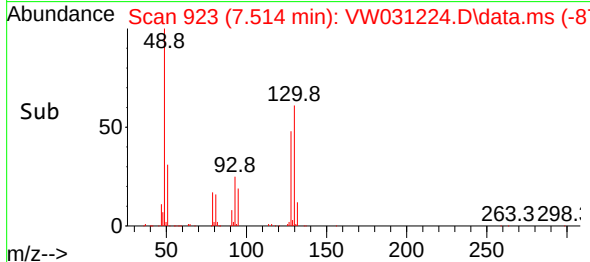
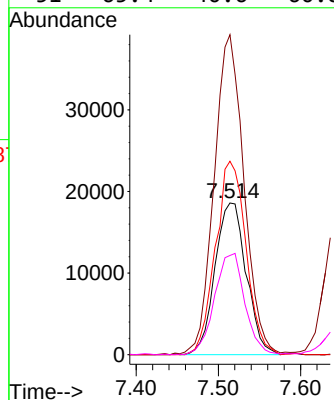
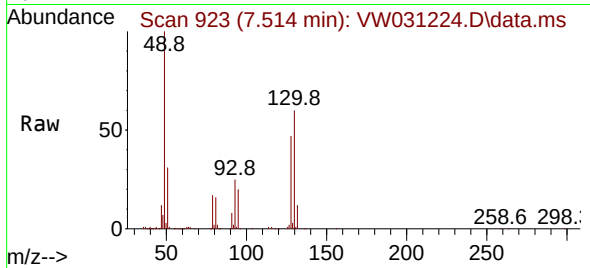




#23
Bromochloromethane
Concen: 23.765 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

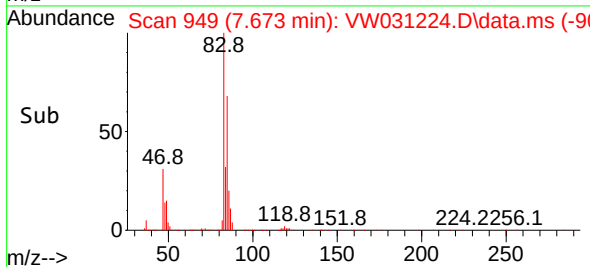
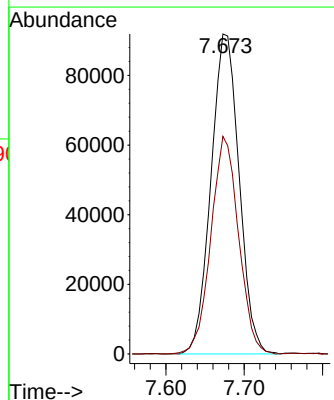
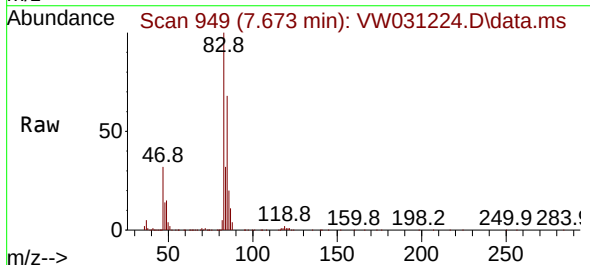
Instrument :
MSVOA_W
ClientSampleId :

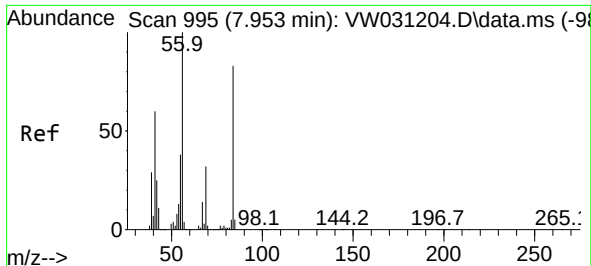
Tgt Ion:128 Resp: 49030
Ion Ratio Lower Upper
128 100
49 210.9 110.9 206.1#
130 130.5 93.7 173.9
51 65.4 40.6 60.8#



#25
Chloroform
Concen: 25.929 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 83 Resp: 229472
Ion Ratio Lower Upper
83 100
85 68.0 46.5 86.3





#29

Cyclohexane

Concen: 24.486 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

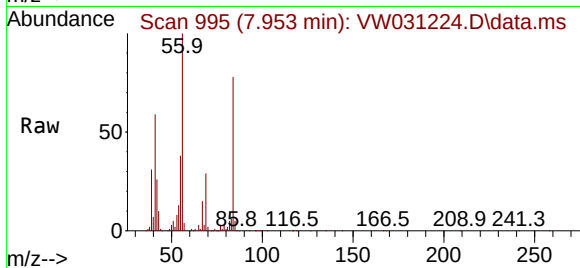
Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :



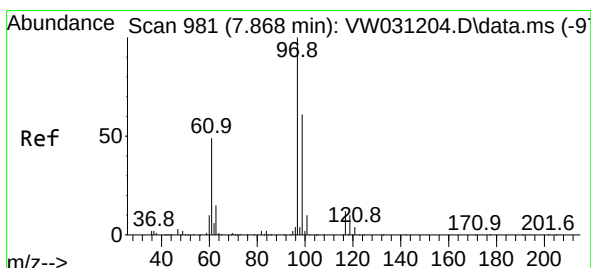
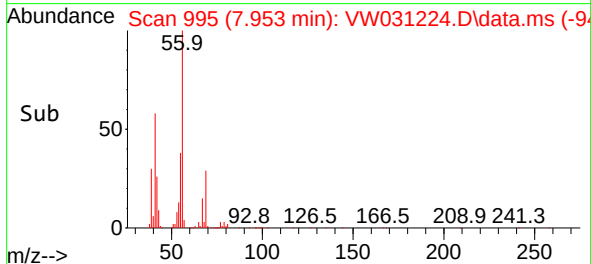
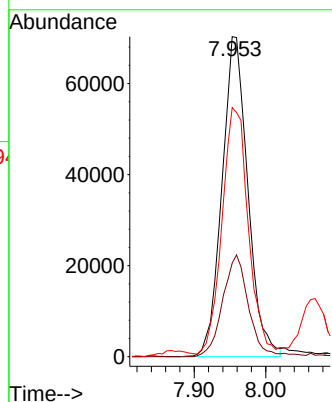
Tgt Ion: 56 Resp: 176504

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 79.6 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 23.357 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

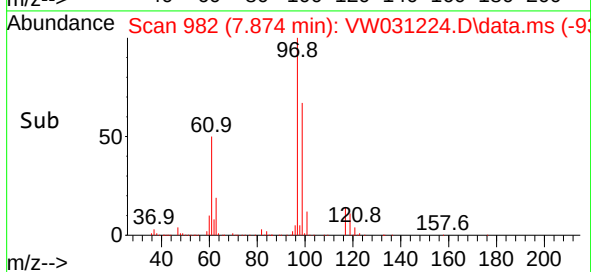
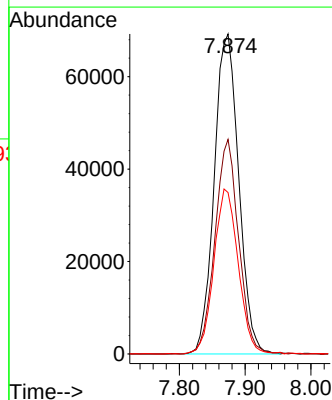
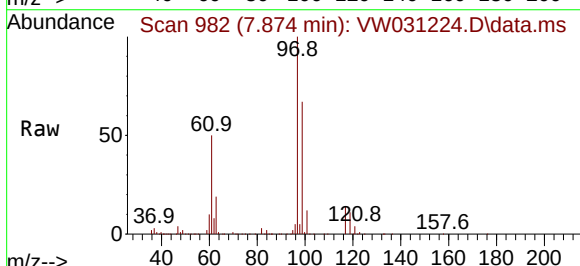
Tgt Ion: 97 Resp: 180172

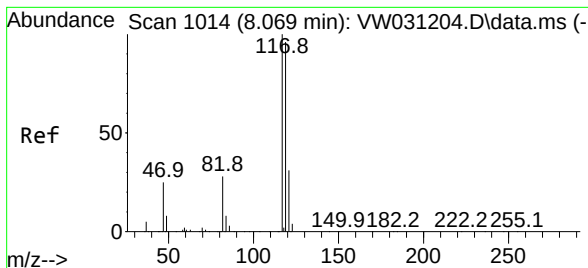
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 51.2 33.8 50.6#





#31

Carbon tetrachloride

Concen: 22.953 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

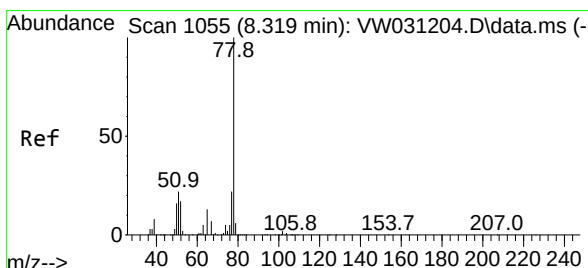
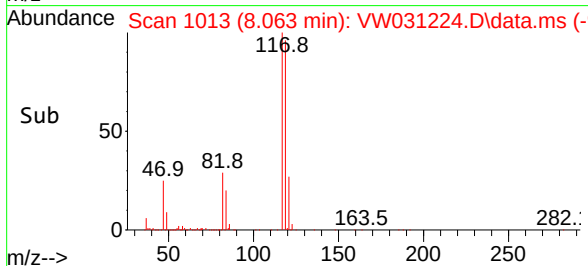
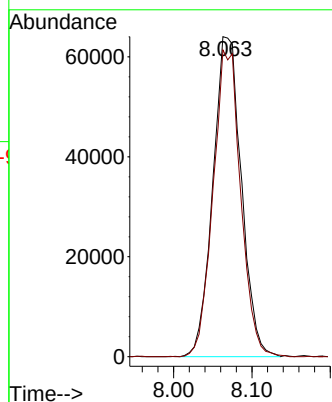
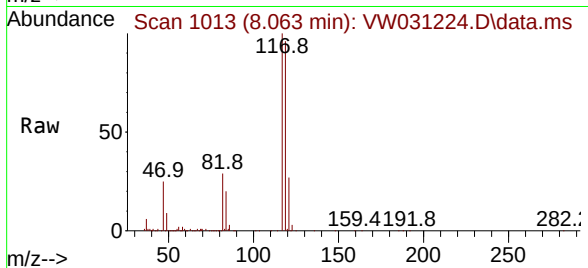
ClientSampleId :

Tgt Ion:117 Resp: 161790

Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.8



#33

Benzene

Concen: 24.581 ug/L

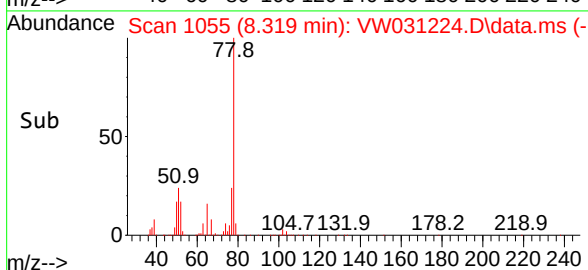
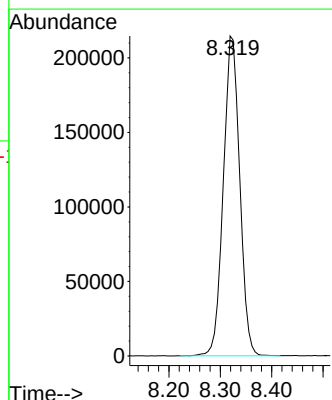
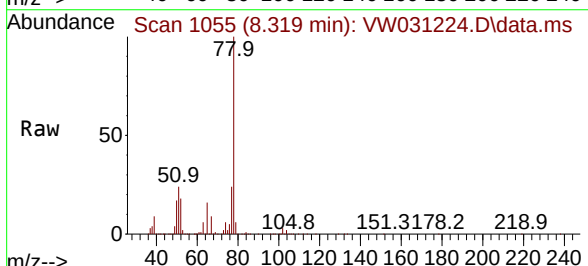
RT: 8.319 min Scan# 1055

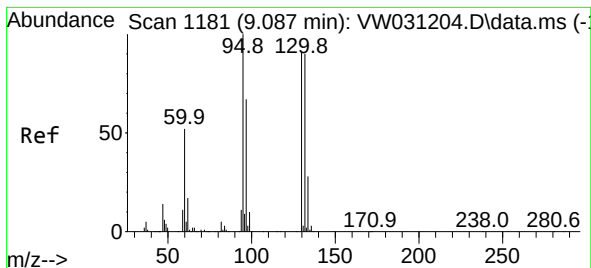
Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Tgt Ion: 78 Resp: 476042





#34

Trichloroethene

Concen: 23.370 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

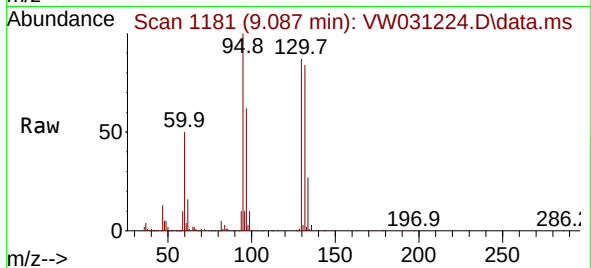
Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 124838

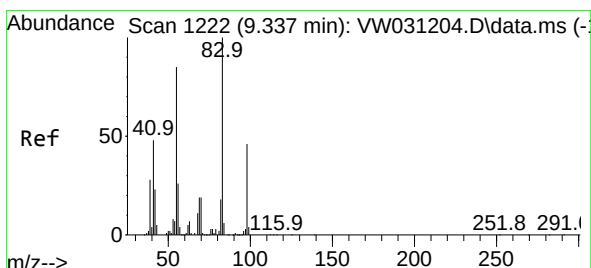
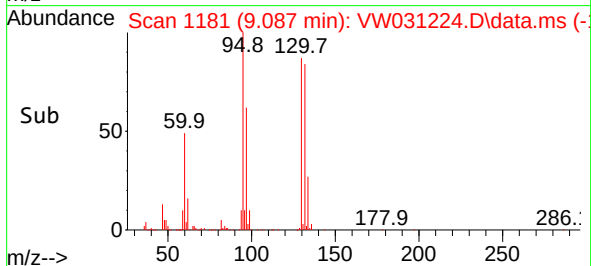
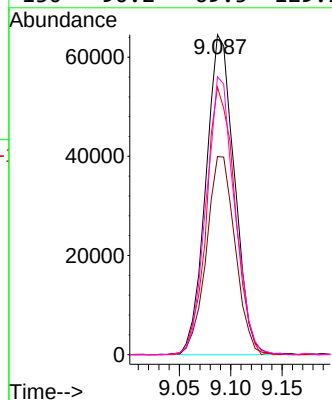
Ion Ratio Lower Upper

95 100

97 61.9 48.0 89.2

132 83.6 67.4 125.2

130 90.2 69.5 129.1



#35

Methylcyclohexane

Concen: 24.125 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

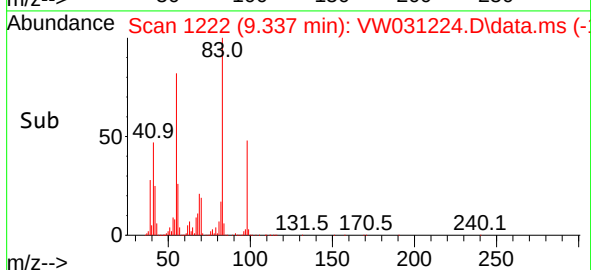
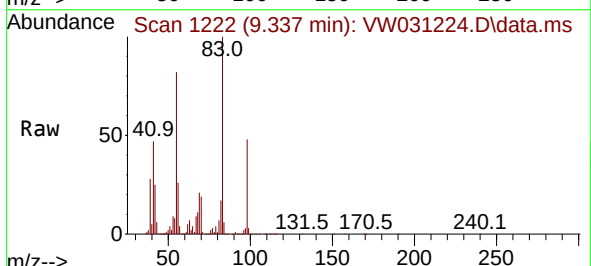
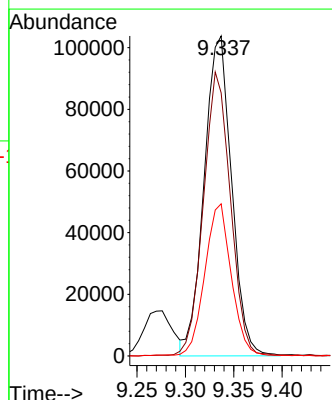
Tgt Ion: 83 Resp: 205076

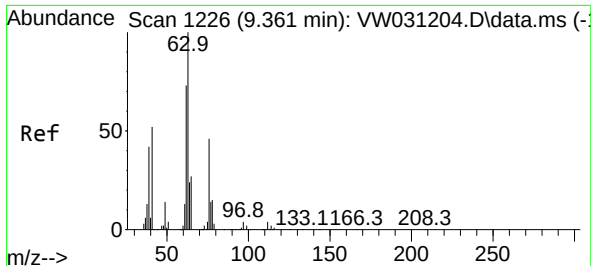
Ion Ratio Lower Upper

83 100

55 87.1 59.5 89.3

98 45.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 27.555 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

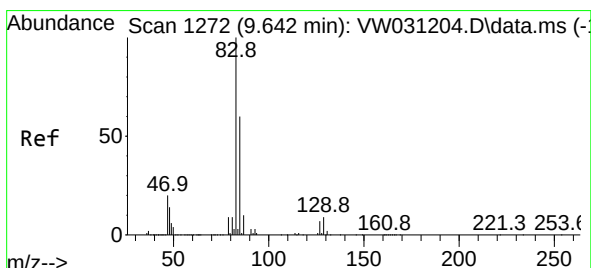
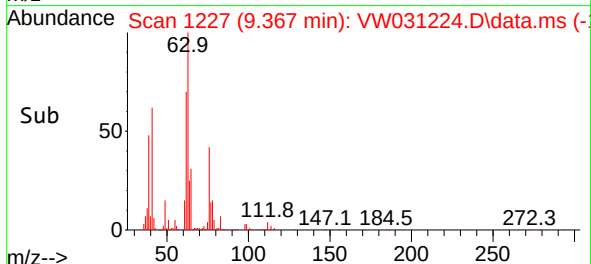
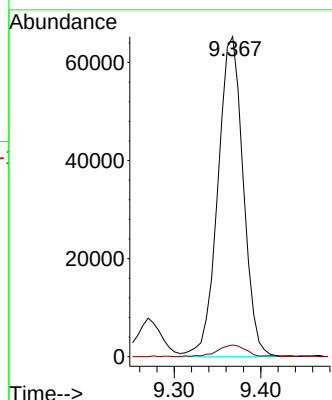
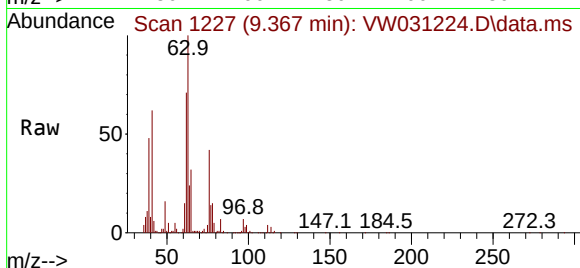
ClientSampleId :

Tgt Ion: 63 Resp: 132747

Ion Ratio Lower Upper

63 100

112 4.0 3.9 5.9



#38

Bromodichloromethane

Concen: 25.049 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

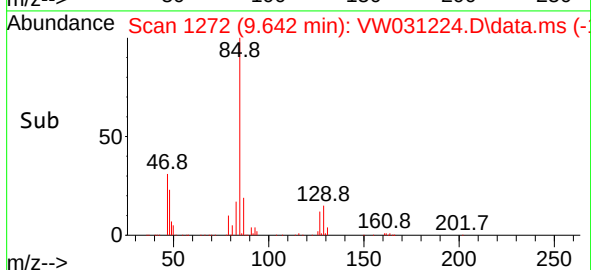
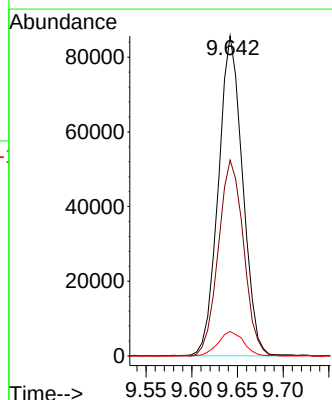
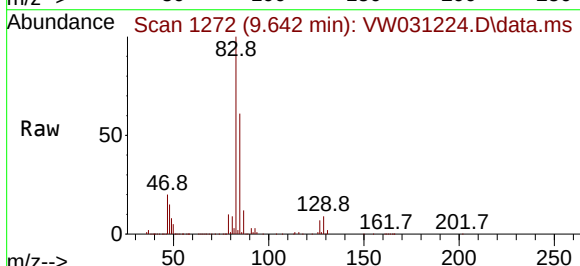
Tgt Ion: 83 Resp: 157954

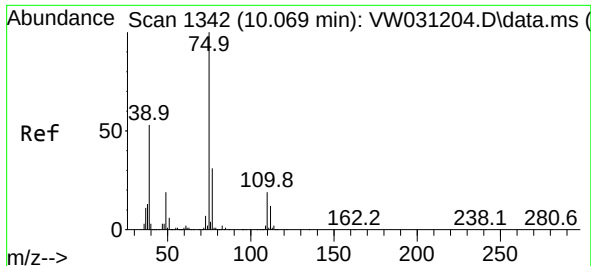
Ion Ratio Lower Upper

83 100

85 61.2 48.7 90.5

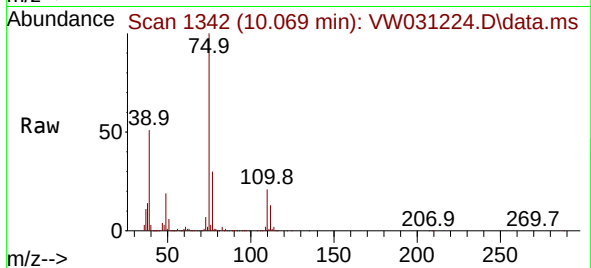
127 7.7 7.2 10.8



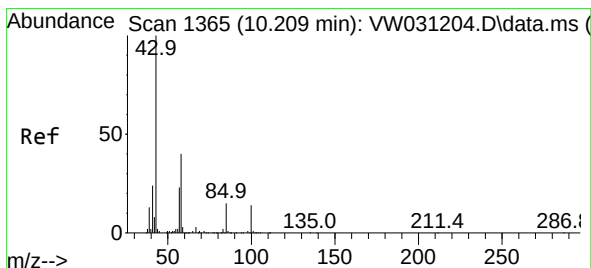
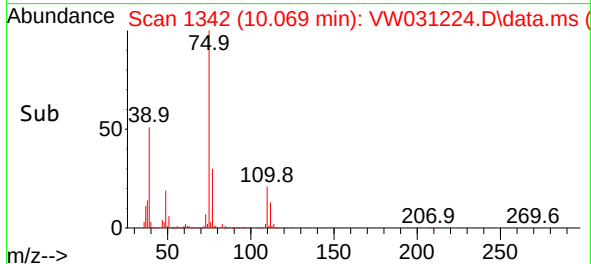
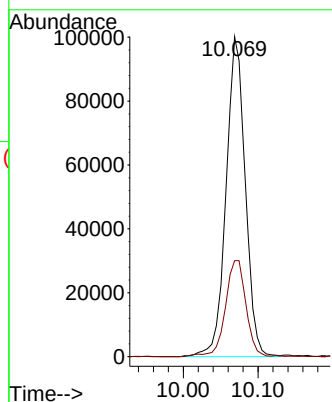


#39
cis-1,3-Dichloropropene
Concen: 24.656 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :

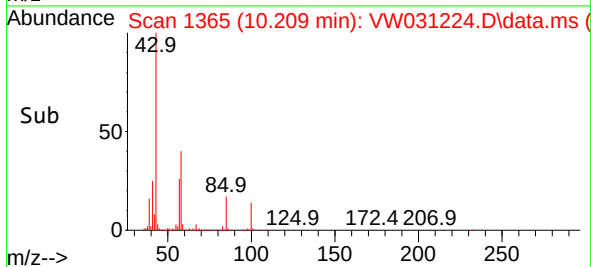
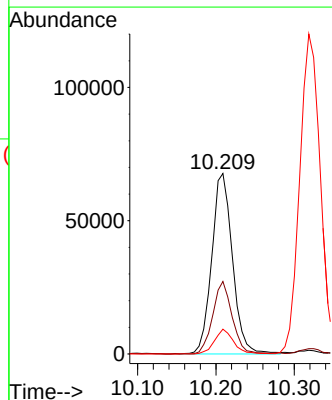
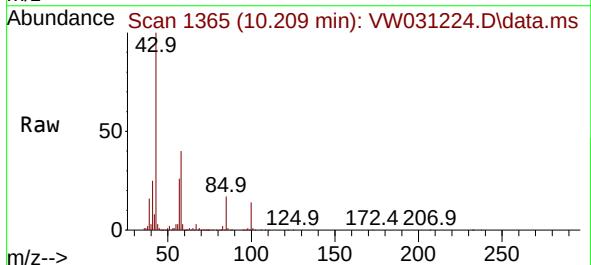


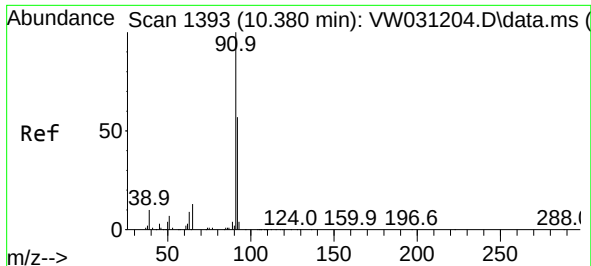
Tgt Ion: 75 Resp: 179335
Ion Ratio Lower Upper
75 100
77 30.0 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 57.817 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 43 Resp: 124726
Ion Ratio Lower Upper
43 100
58 37.6 33.7 50.5
100 12.6 14.2 21.2#

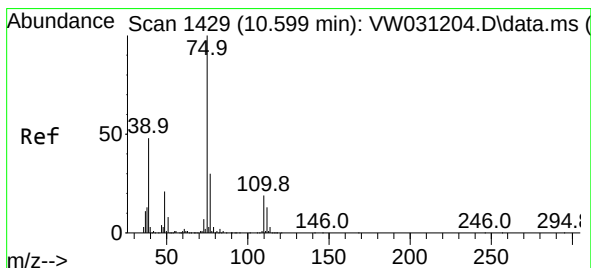
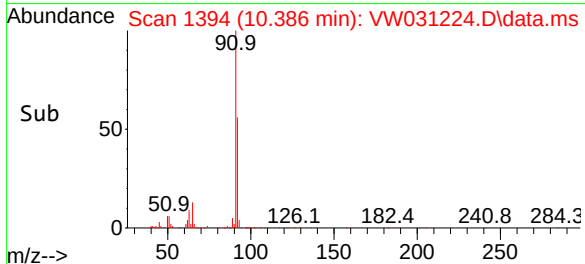
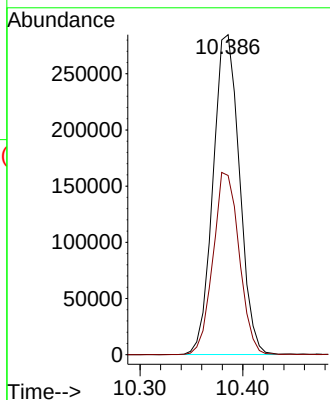
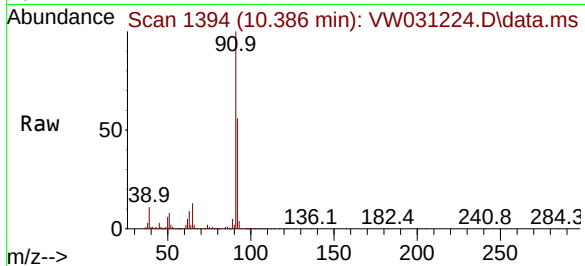




#42
Toluene
Concen: 24.910 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

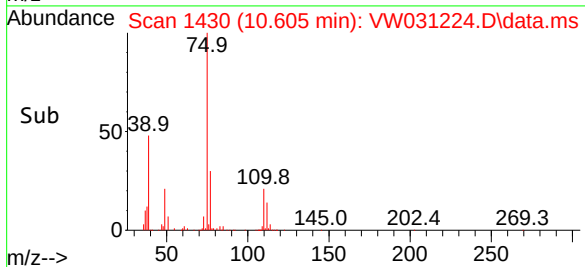
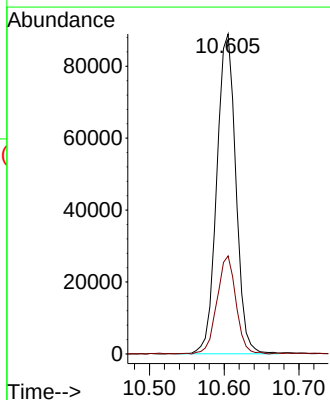
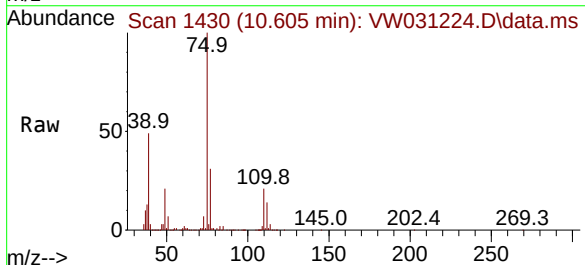
Instrument :
MSVOA_W
ClientSampleId :

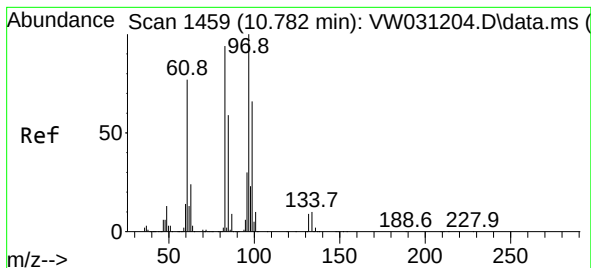
Tgt Ion: 91 Resp: 508161
Ion Ratio Lower Upper
91 100
92 56.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.397 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion: 75 Resp: 157845
Ion Ratio Lower Upper
75 100
77 30.7 22.1 41.1

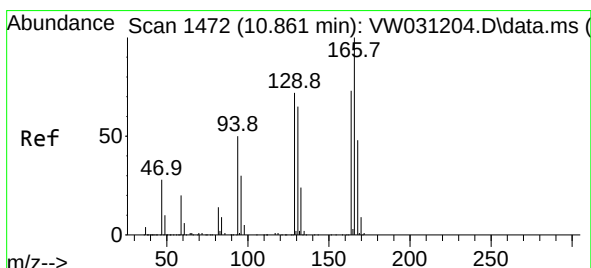
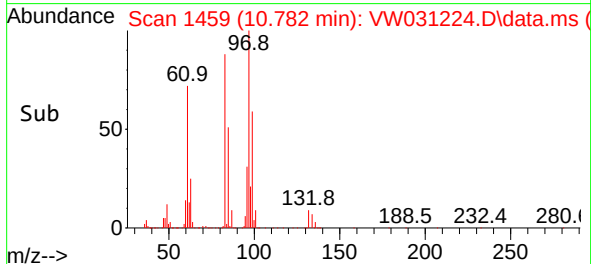
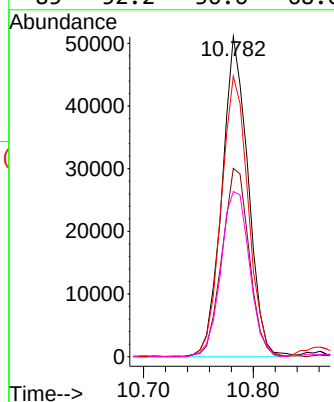
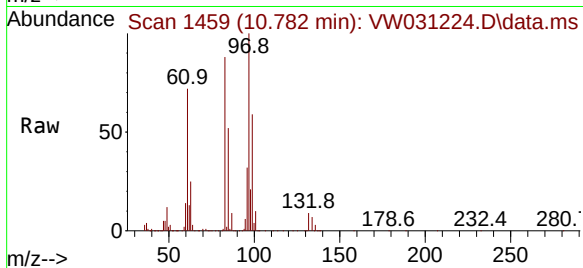




#45
1,1,2-Trichloroethane
Concen: 25.431 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

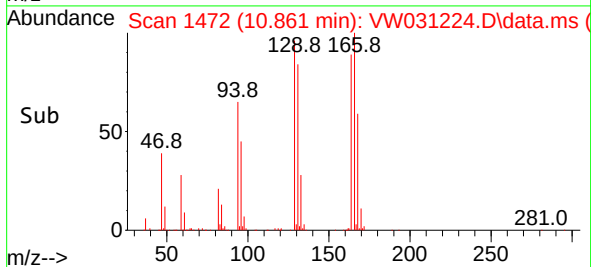
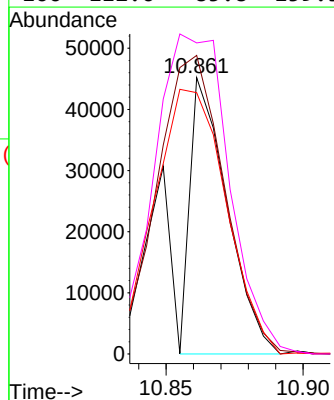
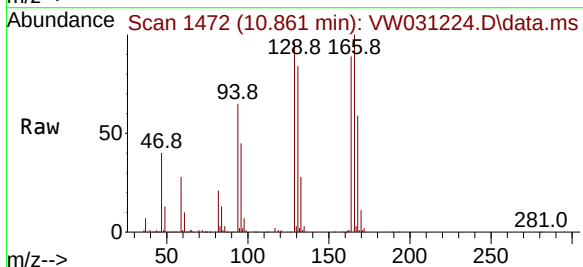
Instrument :
MSVOA_W
ClientSampleId :

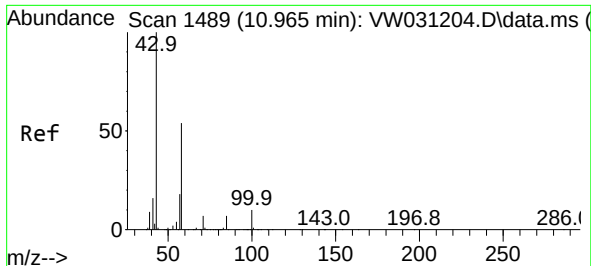
Tgt Ion:	97	Resp:	84197
Ion	Ratio	Lower	Upper
97	100		
99	58.8	42.4	78.8
83	87.7	57.8	107.4
85	52.2	36.6	68.0



#46
Tetrachloroethene
Concen: 10.743 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion:	164	Resp:	42543
Ion	Ratio	Lower	Upper
164	100		
129	108.1	61.9	114.9
131	94.5	67.9	126.1
166	112.6	85.8	159.3

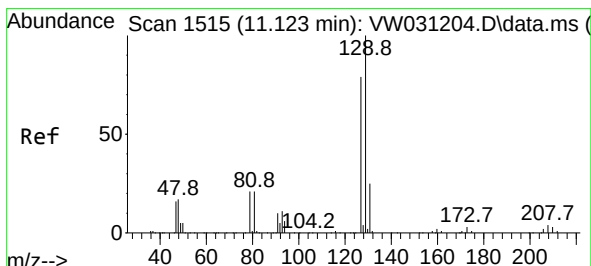
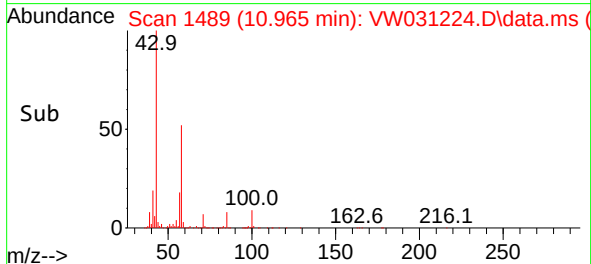
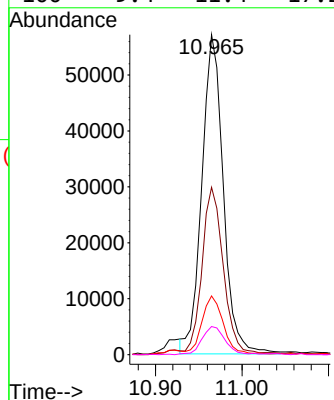
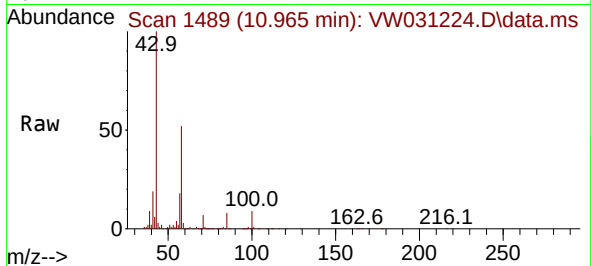




#48
2-Hexanone
Concen: 50.469 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

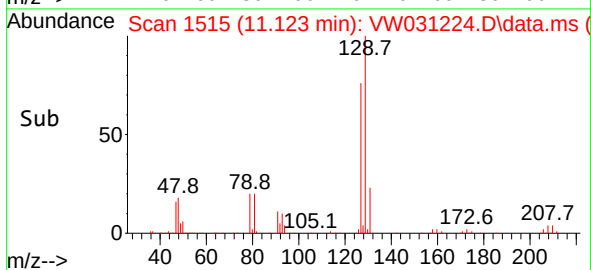
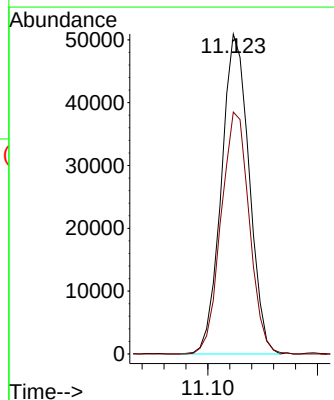
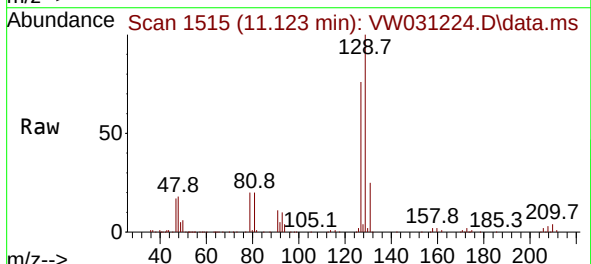
Instrument :
MSVOA_W
ClientSampleId :

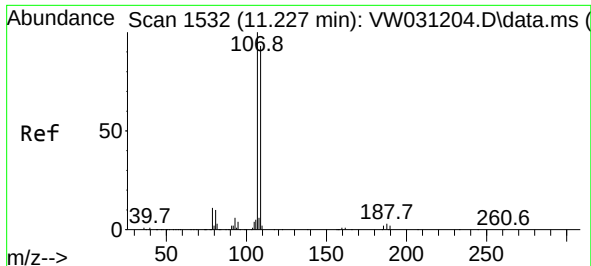
Tgt Ion: 43 Resp: 98502
Ion Ratio Lower Upper
43 100
58 51.7 49.8 74.6
57 18.3 16.6 24.8
100 9.4 11.4 17.2#



#49
Dibromochloromethane
Concen: 24.518 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion:129 Resp: 89422
Ion Ratio Lower Upper
129 100
127 78.3 51.4 95.4





#50

1,2-Dibromoethane

Concen: 25.510 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

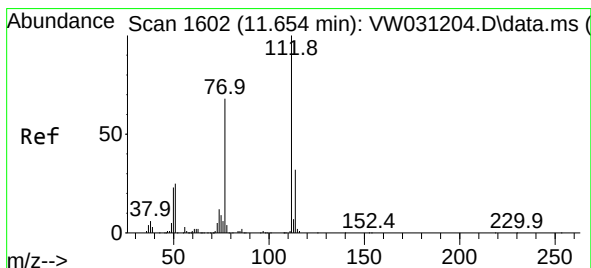
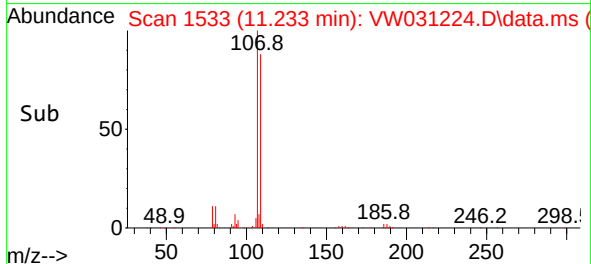
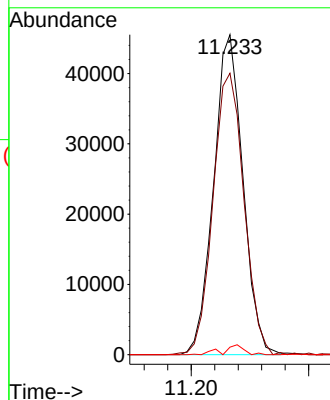
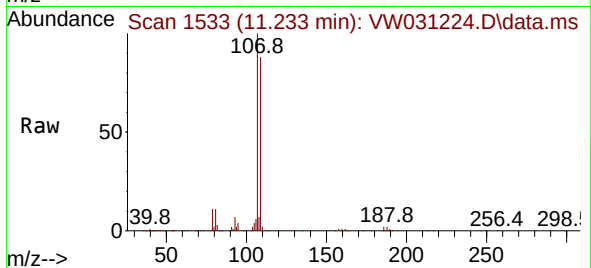
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107 Resp: 78924

Ion	Ratio	Lower	Upper
107	100		
109	87.9	71.0	131.9
188	2.5	3.0	4.4#



#51

Chlorobenzene

Concen: 22.201 ug/L

RT: 11.654 min Scan# 1602

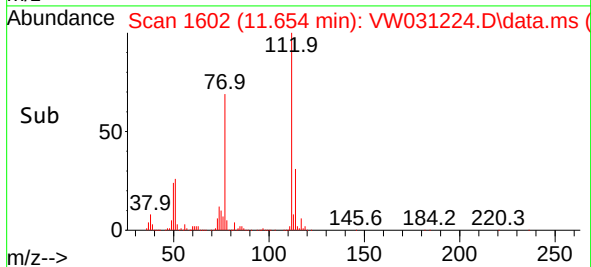
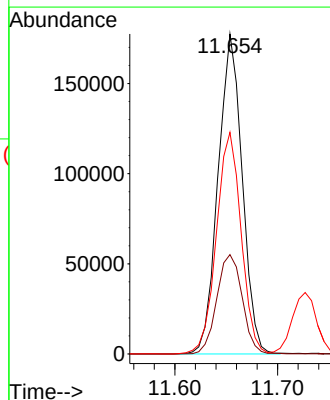
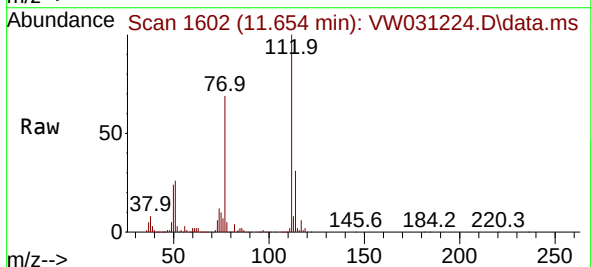
Delta R.T. 0.000 min

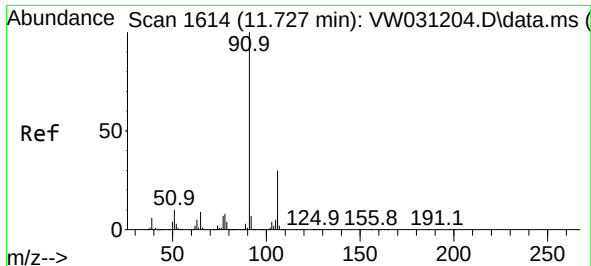
Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Tgt Ion:112 Resp: 289111

Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.2	39.4
77	69.2	45.4	68.0#

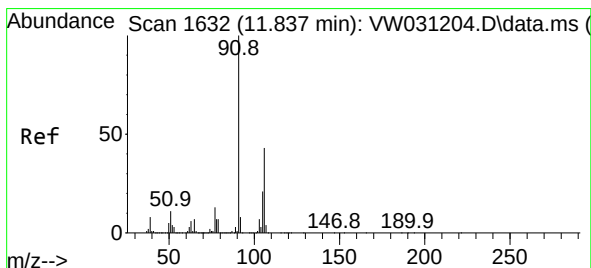
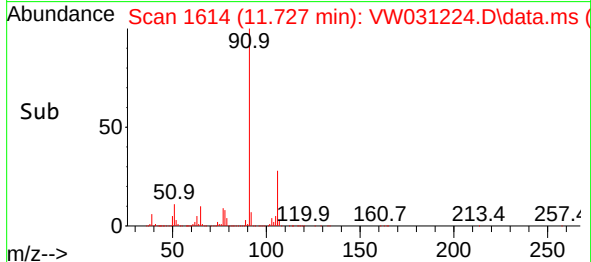
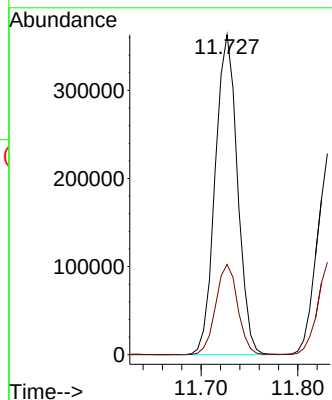
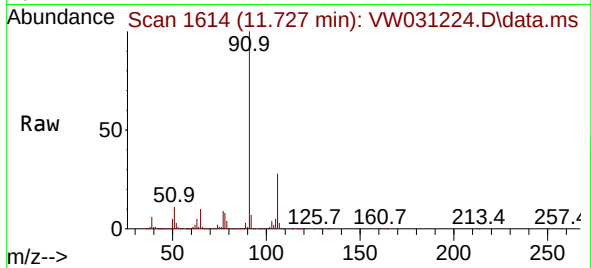




#52
Ethylbenzene
Concen: 25.155 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

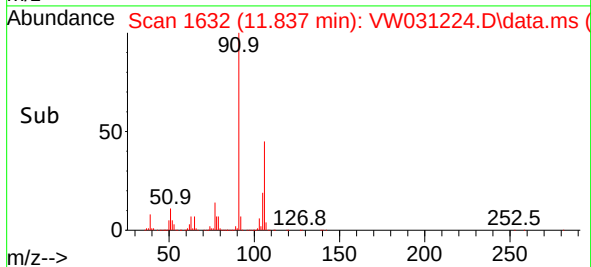
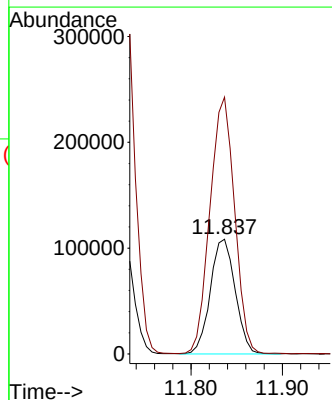
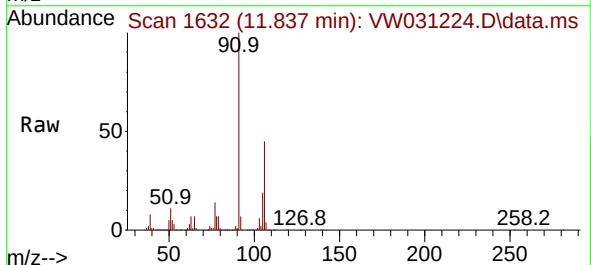
Instrument :
MSVOA_W
ClientSampleId :

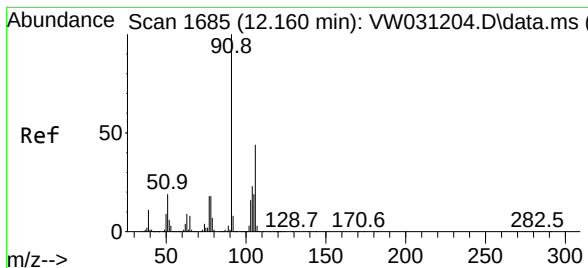
Tgt Ion: 91 Resp: 581530
Ion Ratio Lower Upper
91 100
106 28.2 21.3 39.5



#53
m,p-Xylene
Concen: 23.835 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion:106 Resp: 205071
Ion Ratio Lower Upper
106 100
91 223.8 140.9 261.7

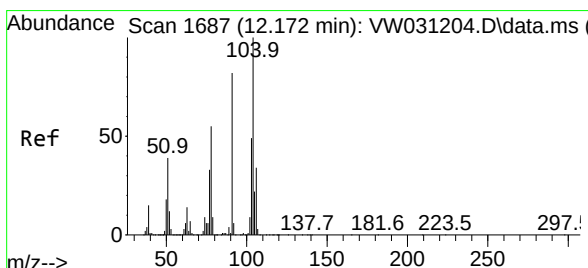
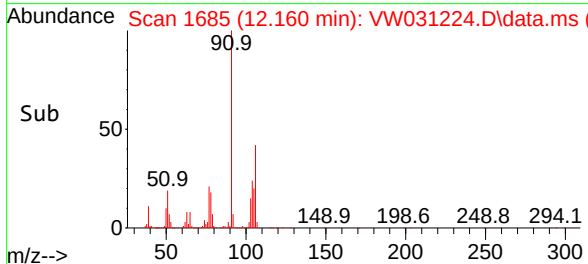
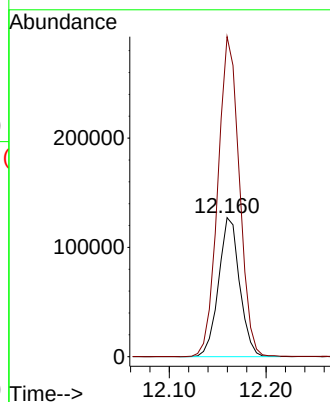
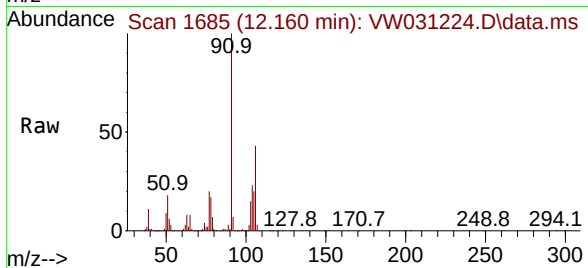




#54
o-Xylene
Concen: 24.008 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

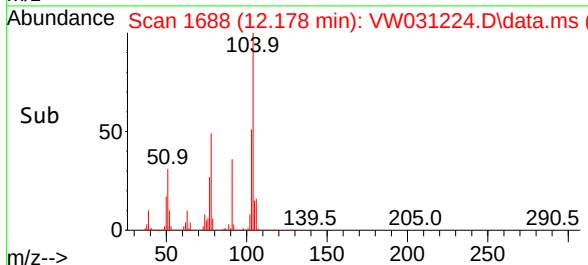
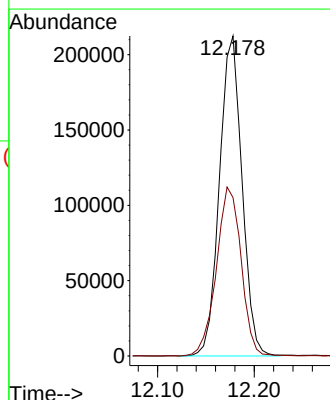
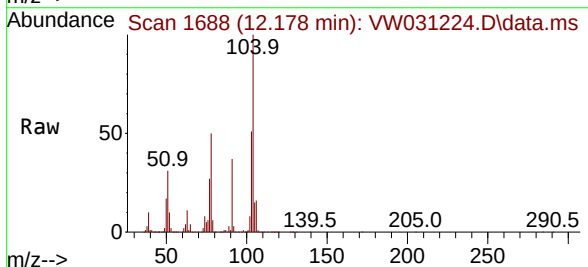
Instrument :
MSVOA_W
ClientSampleId :

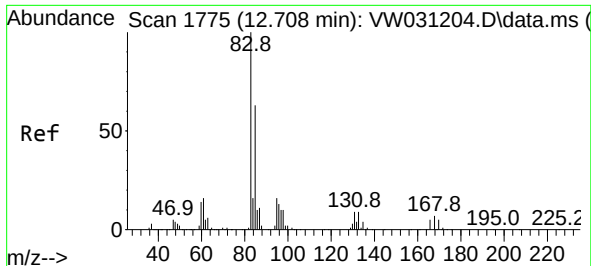
Tgt Ion:106 Resp: 192166
Ion Ratio Lower Upper
106 100
91 230.2 152.7 283.5



#55
Styrene
Concen: 25.480 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion:104 Resp: 343308
Ion Ratio Lower Upper
104 100
78 49.5 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.943 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

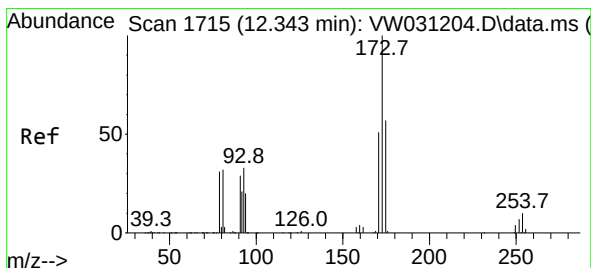
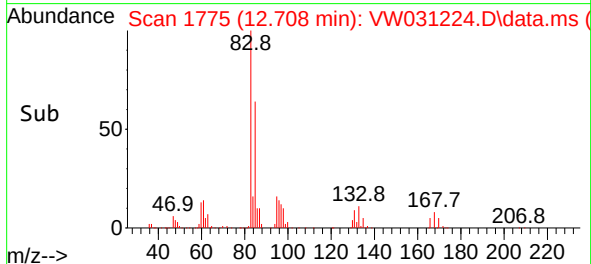
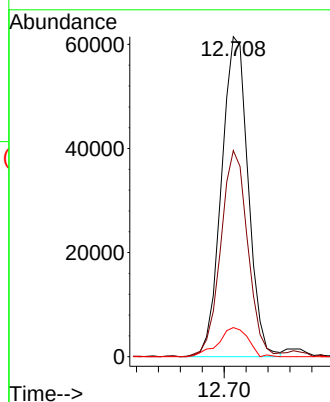
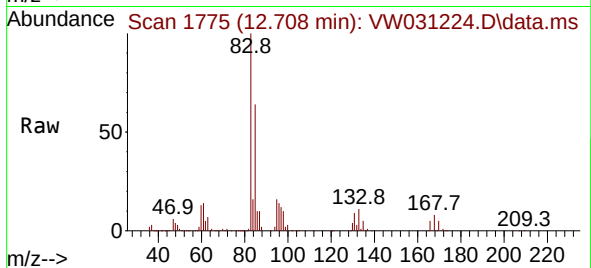
Tgt Ion: 83 Resp: 103807

Ion Ratio Lower Upper

83 100

85 64.4 48.3 89.7

131 9.1 8.9 13.3



#59

Bromoform

Concen: 20.142 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

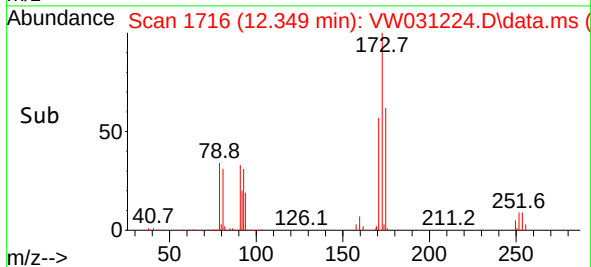
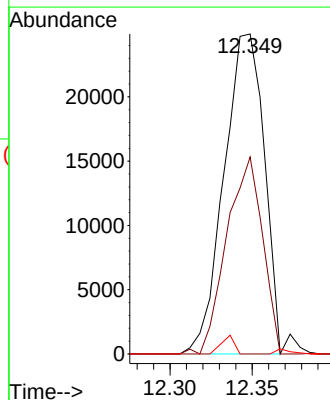
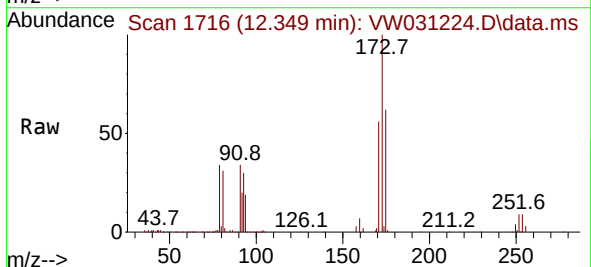
Tgt Ion:173 Resp: 42288

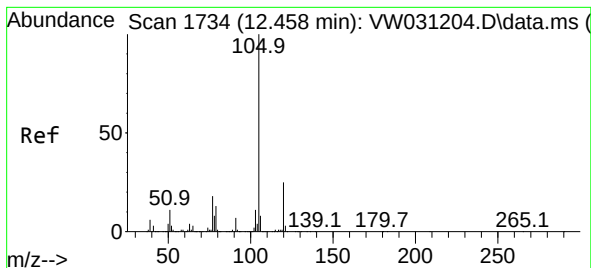
Ion Ratio Lower Upper

173 100

175 54.7 36.6 54.8

254 1.9 7.7 11.5#





#60

Isopropylbenzene

Concen: 22.939 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

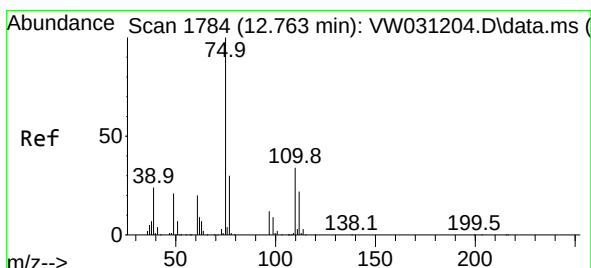
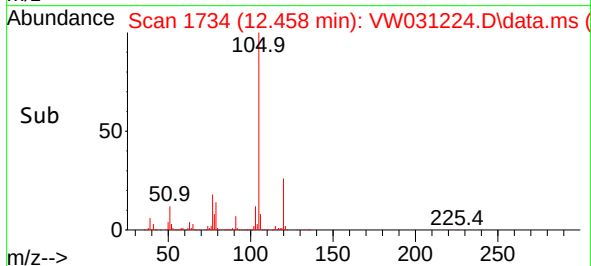
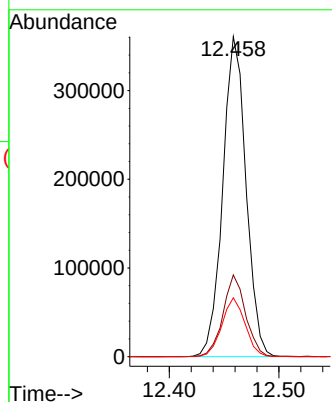
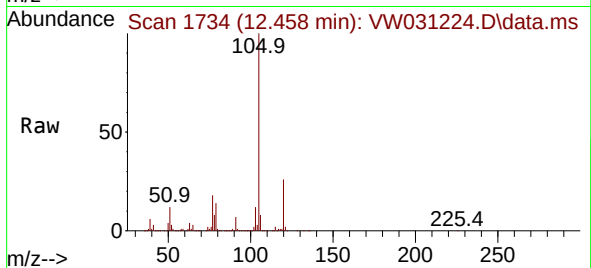
Tgt Ion:105 Resp: 532072

Ion Ratio Lower Upper

105 100

120 24.8 21.5 32.3

77 18.3 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 27.211 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

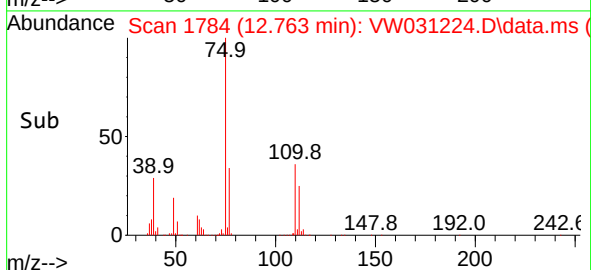
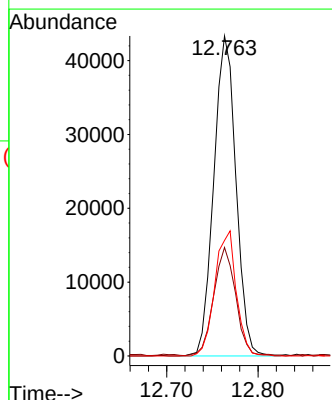
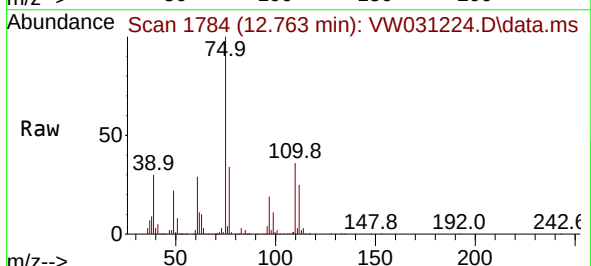
Tgt Ion: 75 Resp: 73054

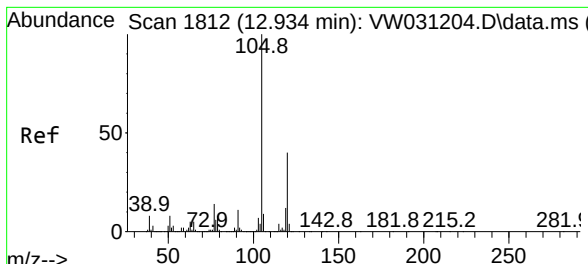
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.2

110 37.8 33.1 49.7

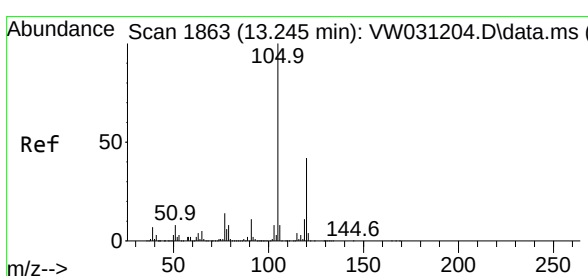
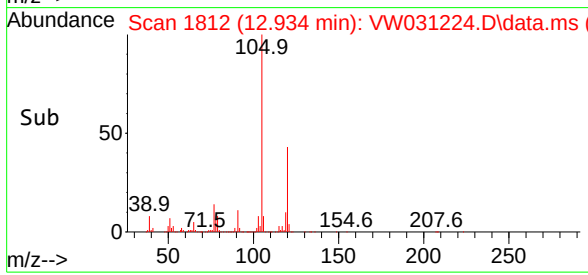
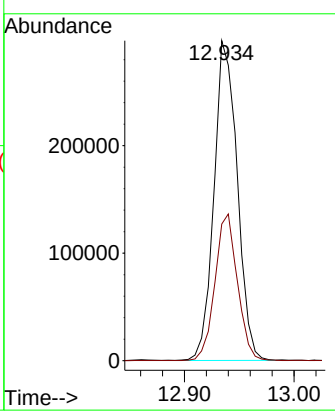
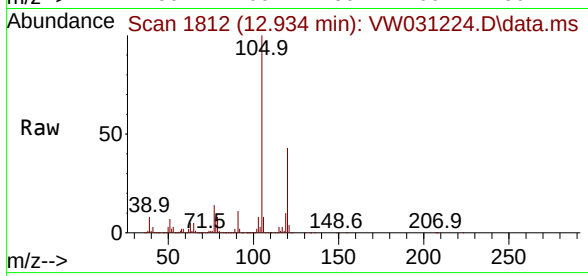




#62
 1,3,5-Trimethylbenzene
 Concen: 23.968 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: VW031224.D
 Acq: 11 Dec 2024 19:14

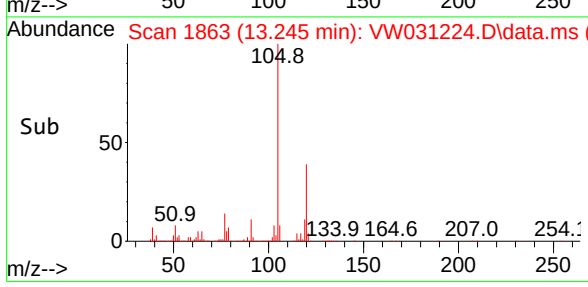
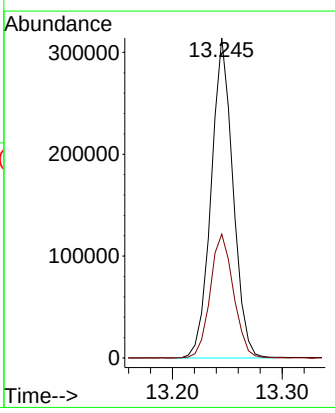
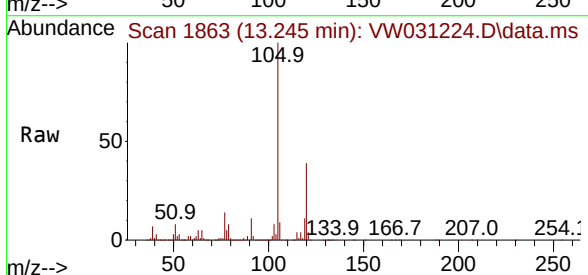
Instrument :
 MSVOA_W
 ClientSampleId :

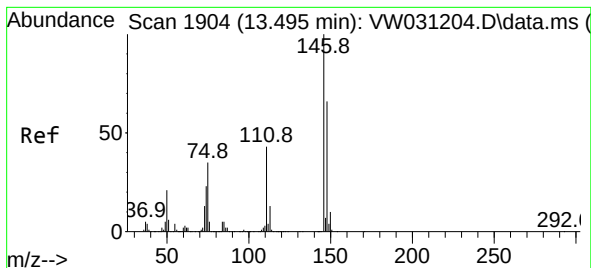
Tgt Ion:105 Resp: 437772
 Ion Ratio Lower Upper
 105 100
 120 44.5 40.5 60.7



#63
 1,2,4-Trimethylbenzene
 Concen: 24.260 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031224.D
 Acq: 11 Dec 2024 19:14

Tgt Ion:105 Resp: 435284
 Ion Ratio Lower Upper
 105 100
 120 41.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 22.313 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

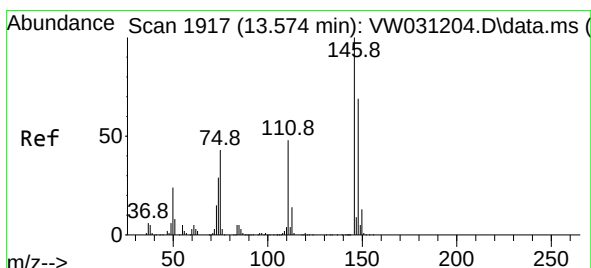
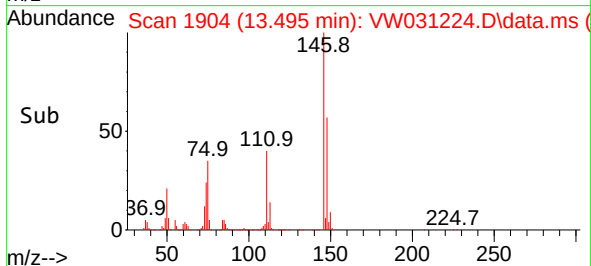
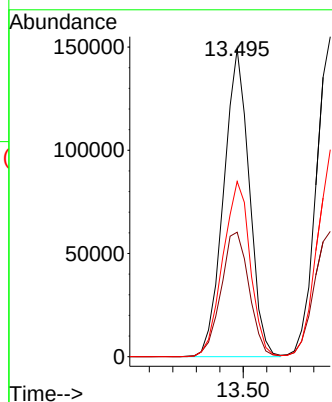
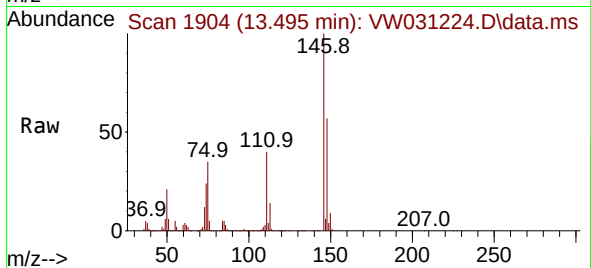
Tgt Ion:146 Resp: 225698

Ion Ratio Lower Upper

146 100

111 40.5 28.5 52.9

148 56.9 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 23.057 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

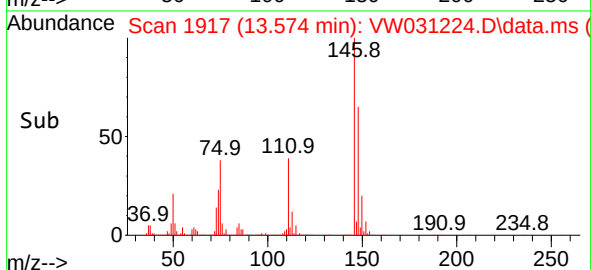
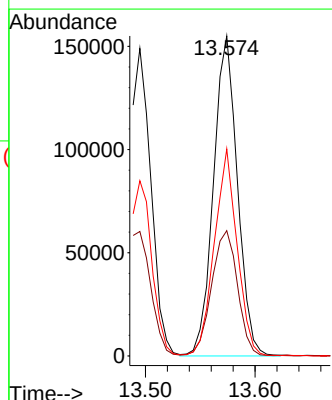
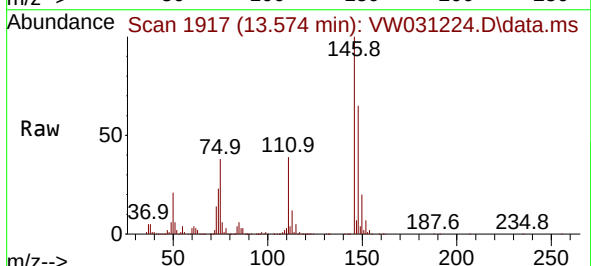
Tgt Ion:146 Resp: 235588

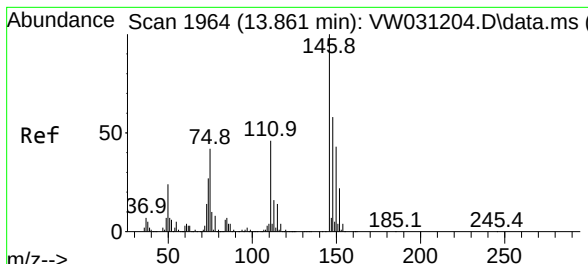
Ion Ratio Lower Upper

146 100

111 39.2 26.6 49.4

148 64.7 42.1 78.1

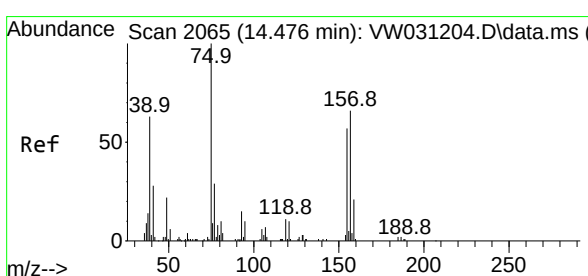
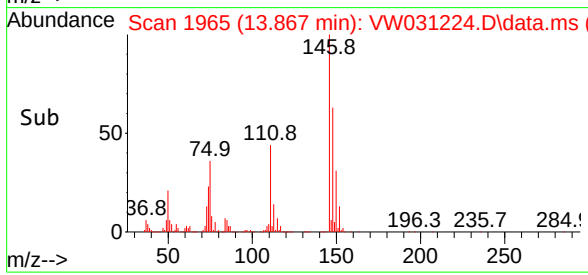
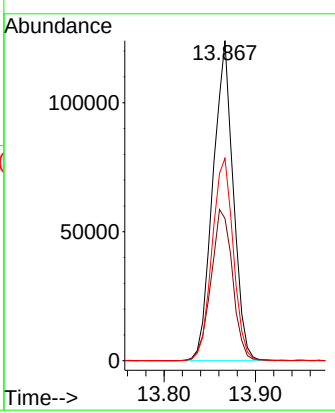
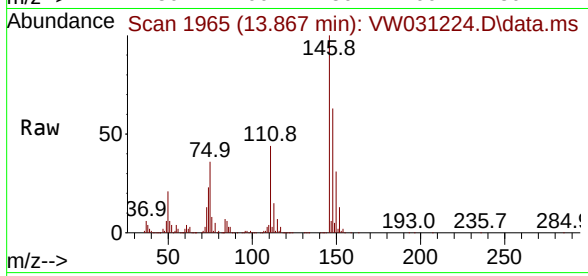




#67
 1,2-Dichlorobenzene
 Concen: 21.693 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VW031224.D
 Acq: 11 Dec 2024 19:14

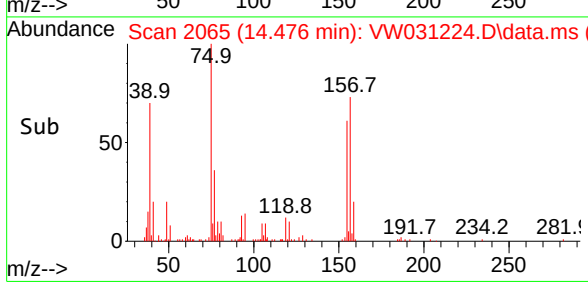
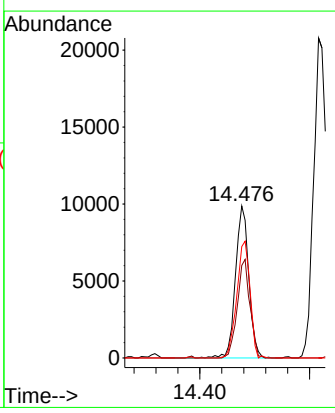
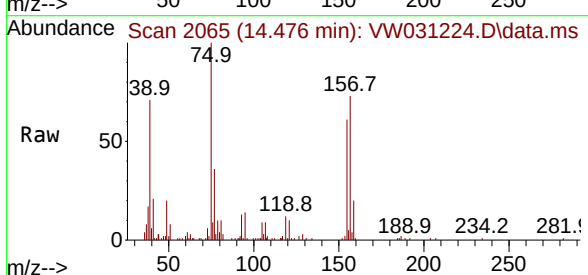
Instrument :
 MSVOA_W
 ClientSampleId :

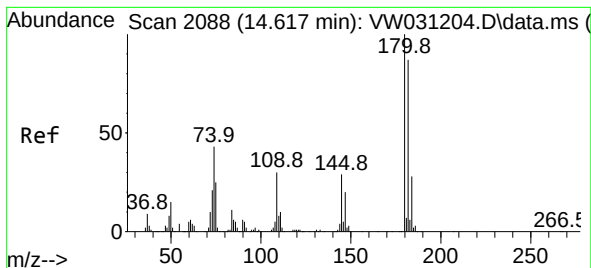
Tgt Ion:	146	Resp:	191941
Ion Ratio	Lower	Upper	
146	100		
111	44.5	30.9	46.3
148	63.3	50.0	75.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 28.435 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW031224.D
 Acq: 11 Dec 2024 19:14

Tgt Ion:	75	Resp:	16576
Ion Ratio	Lower	Upper	
75	100		
155	65.9	63.1	94.7
157	77.1	82.1	123.1





#69

1,3,5-Trichlorobenzene

Concen: 21.234 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 145944

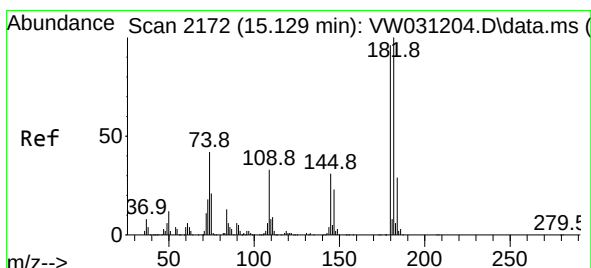
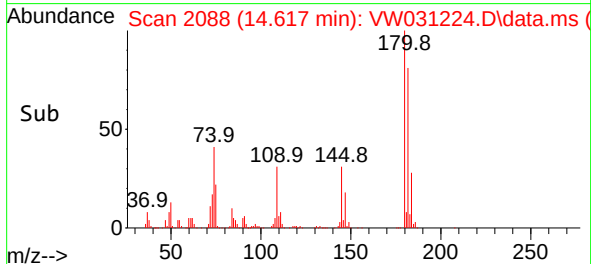
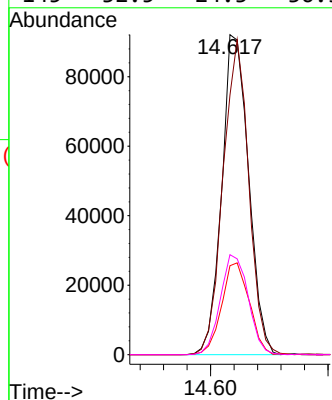
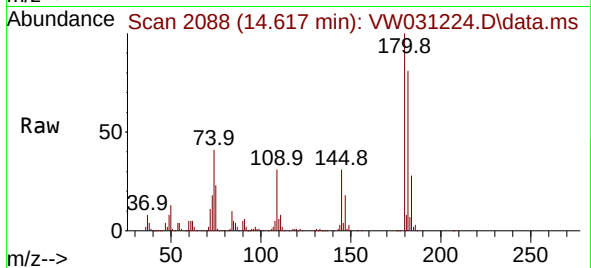
Ion Ratio Lower Upper

180 100

182 94.5 78.2 117.2

184 29.6 24.0 36.0

145 32.5 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 18.558 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031224.D

Acq: 11 Dec 2024 19:14

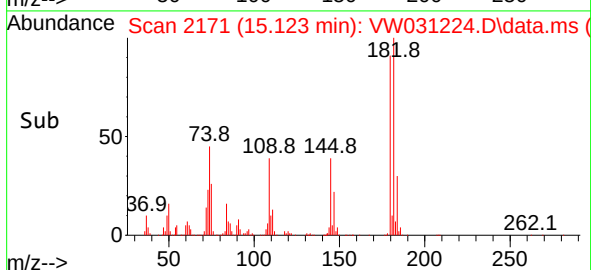
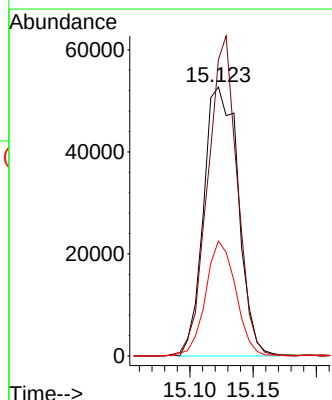
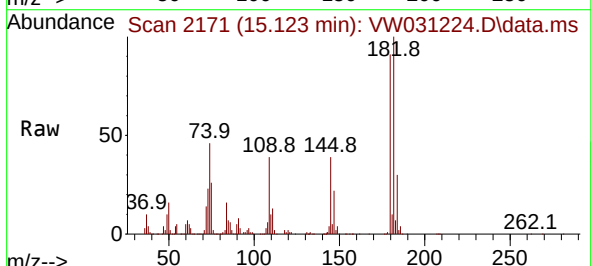
Tgt Ion:180 Resp: 100013

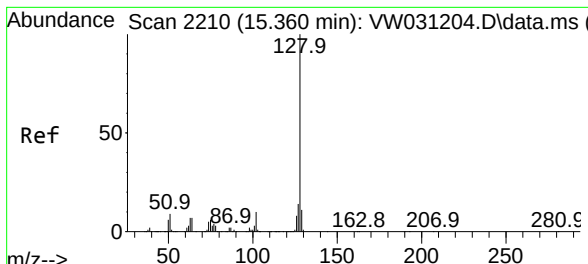
Ion Ratio Lower Upper

180 100

182 101.8 76.1 114.1

145 37.3 25.7 38.5



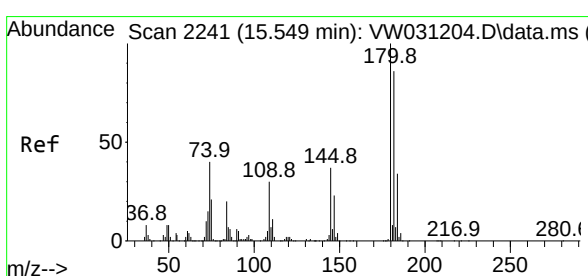
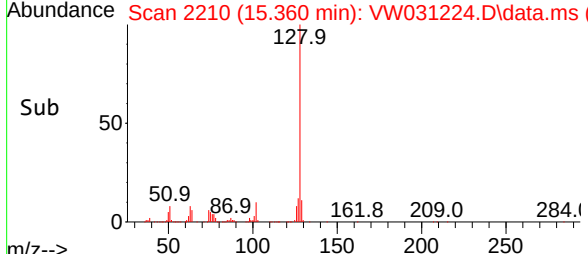
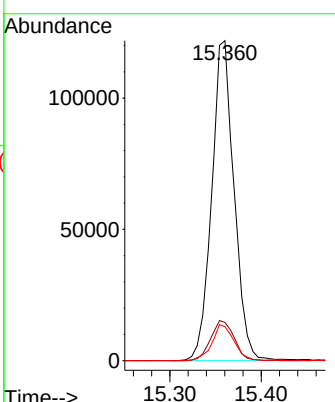
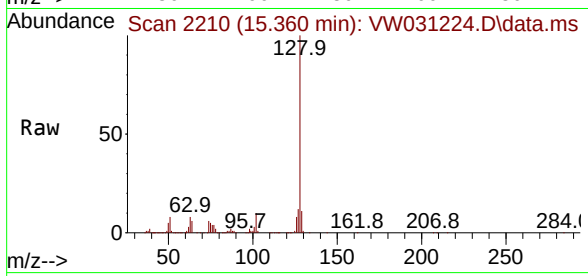


#71
Naphthalene
Concen: 23.892 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 207436

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	8.3	12.5



#72
1,2,3-Trichlorobenzene
Concen: 22.720 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031224.D
Acq: 11 Dec 2024 19:14

Tgt Ion:180 Resp: 104806

Ion	Ratio	Lower	Upper
180	100		
182	87.5	78.7	118.1
145	35.0	26.3	39.5

