

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031412.D
 Acq On : 20 Dec 2024 03:19
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.12g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 04:13:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	544743	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	489325	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238174	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	165207	20.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.640%
7) Chloroethane-d5	2.899	69	135609	22.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.480%
11) 1,1-Dichloroethene-d2	4.021	65	72037	18.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.120%
21) 2-Butanone-d5	7.100	46	79906	51.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.540%
24) Chloroform-d	7.648	84	339793	22.766	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.080%
26) 1,2-Dichloroethane-d4	8.301	65	184246	24.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.320%
32) Benzene-d6	8.270	84	648881	20.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.760%
36) 1,2-Dichloropropane-d6	9.270	67	197085	21.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.240%
41) Toluene-d8	10.319	98	594519	20.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	10.575	79	79377	18.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.320%
47) 2-Hexanone-d5	10.922	63	62238	50.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152918	26.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	196193	22.189	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	101401	20.597	ug/L	98
3) Chloromethane	2.216	50	122438	22.137	ug/L	98
5) Vinyl chloride	2.369	62	179659	23.440	ug/L	95
6) Bromomethane	2.789	94	118986	25.250	ug/L	97
8) Chloroethane	2.930	64	119294	26.171	ug/L	98
9) Trichlorofluoromethane	3.265	101	163443	20.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	153657	23.304	ug/L	98
12) 1,1-Dichloroethene	4.039	96	150947	22.603	ug/L	95
13) Acetone	4.161	43	64734	30.114	ug/L	# 100
14) Carbon disulfide	4.381	76	408112	18.738	ug/L	99
15) Methyl Acetate	4.685	43	63095	25.842	ug/L	98
16) Methylene chloride	4.917	84	167561	24.447	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	169590	23.559	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	309490	25.718	ug/L	99
19) 1,1-Dichloroethane	6.216	63	323322	24.036	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	191657	24.608	ug/L	99
22) 2-Butanone	7.191	43	91232	35.026	ug/L	96
23) Bromochloromethane	7.514	128	82575	26.584	ug/L	92
25) Chloroform	7.679	83	337668	25.435	ug/L	99

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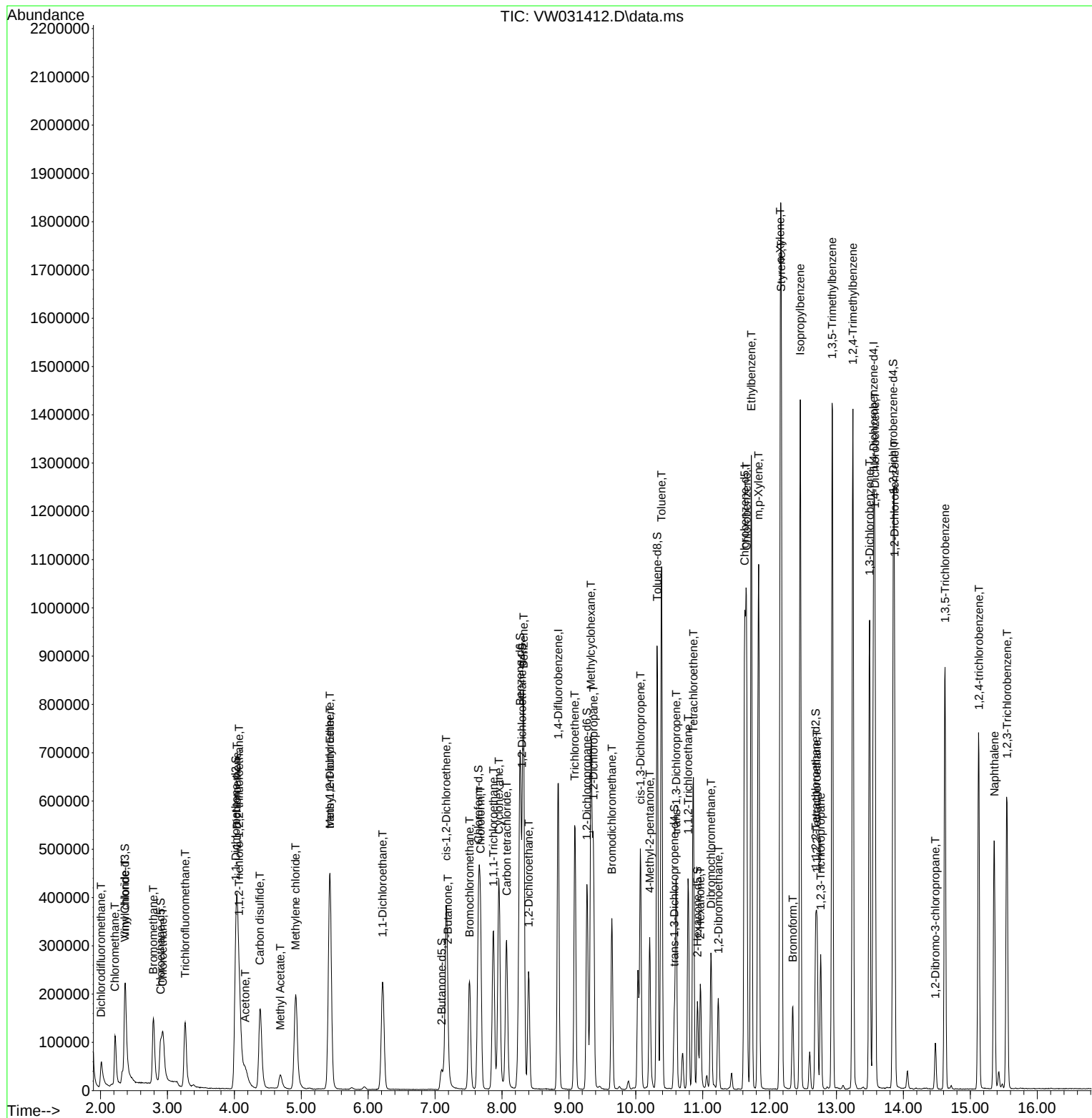
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	223634	26.794	ug/L	100
29) Cyclohexane	7.953	56	256305	19.314	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	267495	21.150	ug/L	99
31) Carbon tetrachloride	8.069	117	229932	20.406	ug/L	99
33) Benzene	8.325	78	711996	23.546	ug/L	100
34) Trichloroethene	9.087	95	196856	23.059	ug/L	94
35) Methylcyclohexane	9.331	83	303634	20.423	ug/L	97
37) 1,2-Dichloropropane	9.368	63	183018	24.261	ug/L	100
38) Bromodichloromethane	9.642	83	235261	23.989	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	286433	22.470	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	203238	50.781	ug/L	99
42) Toluene	10.386	91	786397	23.886	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	235720	22.647	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	136672	27.238	ug/L	96
46) Tetrachloroethene	10.861	164	145106	23.204	ug/L	97
48) 2-Hexanone	10.965	43	136955	40.235	ug/L	100
49) Dibromochloromethane	11.123	129	144129	24.233	ug/L	100
50) 1,2-Dibromoethane	11.233	107	126269	26.565	ug/L	94
51) Chlorobenzene	11.654	112	508201	24.620	ug/L	98
52) Ethylbenzene	11.727	91	895019	23.456	ug/L	97
53) m,p-Xylene	11.837	106	339943	23.403	ug/L	98
54) o-Xylene	12.160	106	330946	24.175	ug/L	97
55) Styrene	12.172	104	563954	24.766	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	155384	28.727	ug/L	99
59) Bromoform	12.349	173	76783	22.948	ug/L	99
60) Isopropylbenzene	12.458	105	898513	23.053	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	113295	27.799	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	775800	23.477	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	755295	23.649	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	389671	24.676	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	381272	24.368	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	345143	25.366	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	24920	24.095	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	259490	23.463	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	219591	23.869	ug/L	100
71) Naphthalene	15.360	128	452292	28.041	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	204970	27.652	ug/L	99

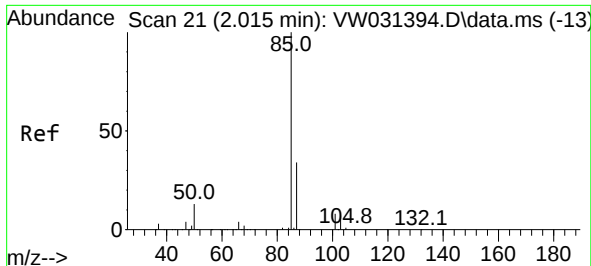
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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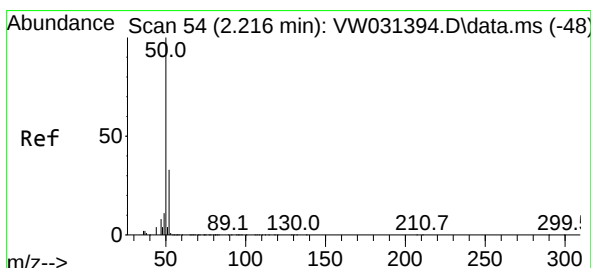
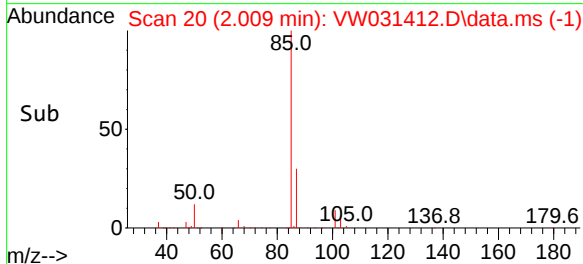
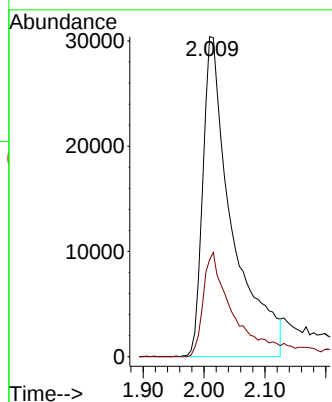
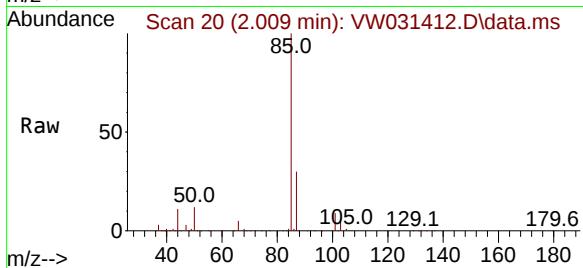




#2
Dichlorodifluoromethane
Concen: 20.597 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

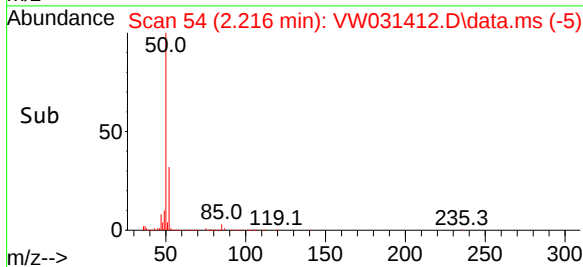
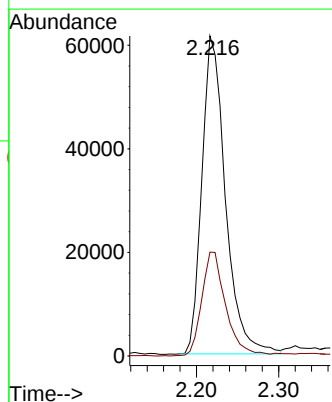
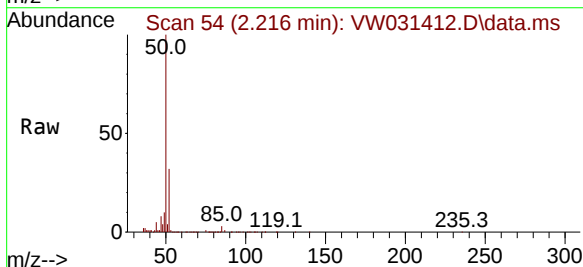
Instrument :
MSVOA_W
ClientSampleId :

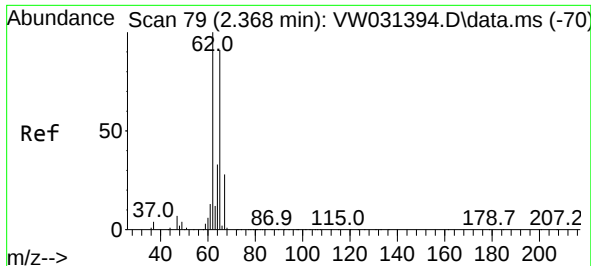
Tgt Ion: 85 Resp: 101401
Ion Ratio Lower Upper
85 100
87 29.7 24.9 37.3



#3
Chloromethane
Concen: 22.137 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion: 50 Resp: 122438
Ion Ratio Lower Upper
50 100
52 32.5 22.0 41.0

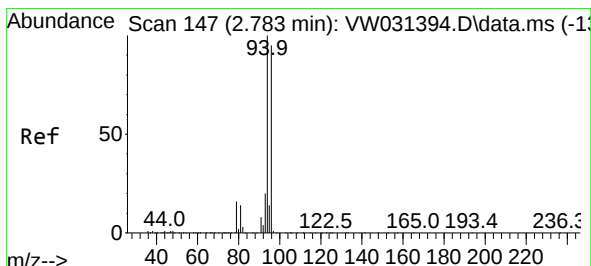
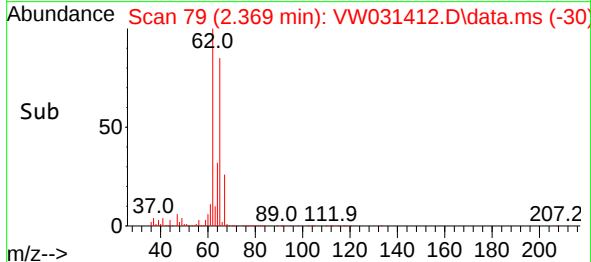
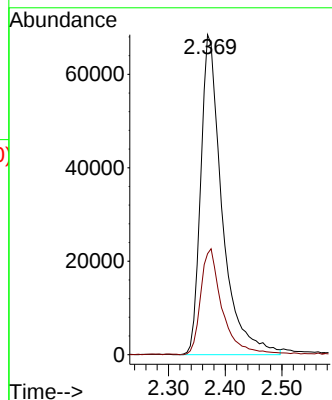
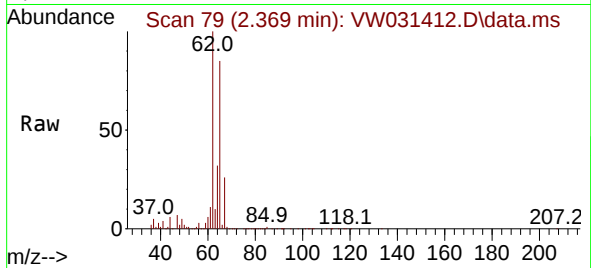




#5
 Vinyl chloride
 Concen: 23.440 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031412.D
 Acq: 20 Dec 2024 03:19

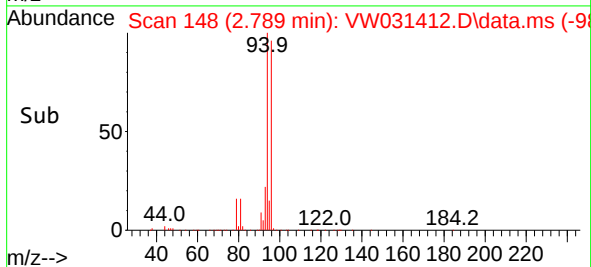
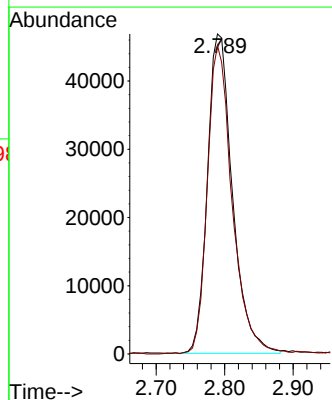
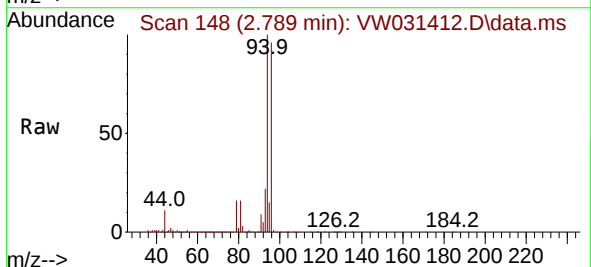
Instrument :
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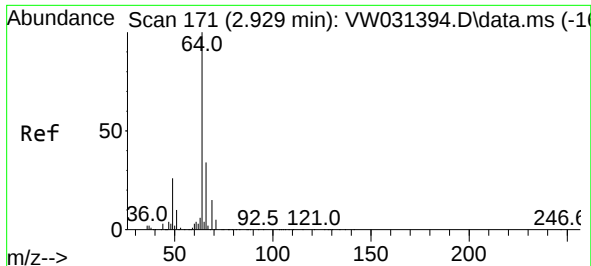
Tgt Ion: 62 Resp: 179659
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.1 44.8



#6
 Bromomethane
 Concen: 25.250 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW031412.D
 Acq: 20 Dec 2024 03:19

Tgt Ion: 94 Resp: 118986
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.6 121.8

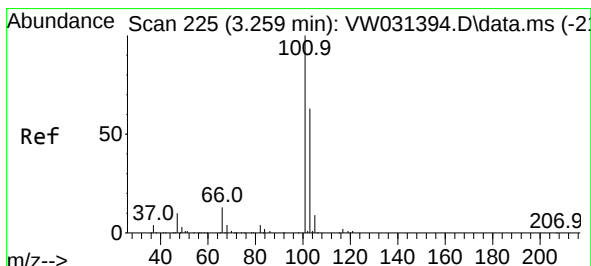
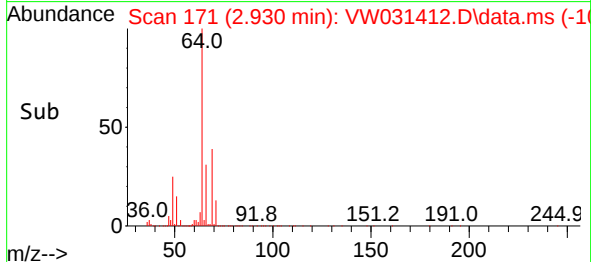
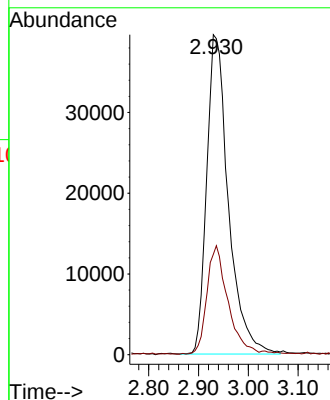
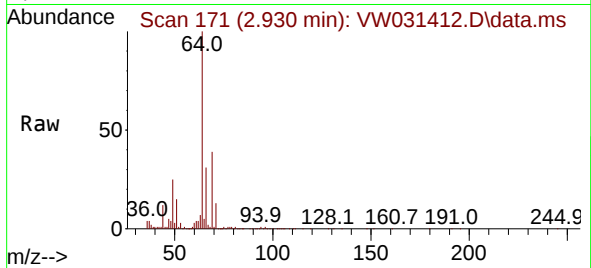




#8
Chloroethane
Concen: 26.171 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

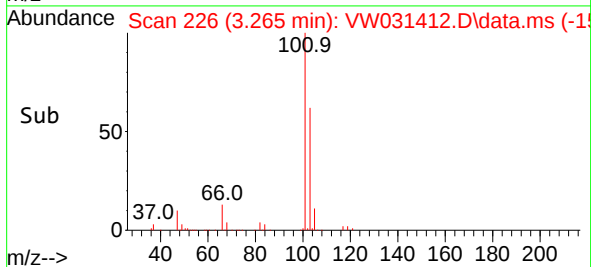
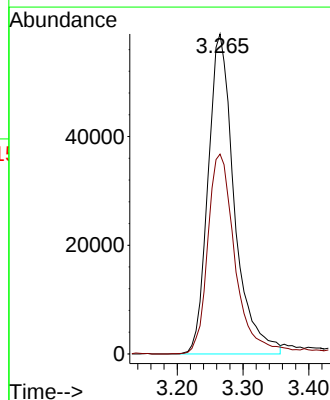
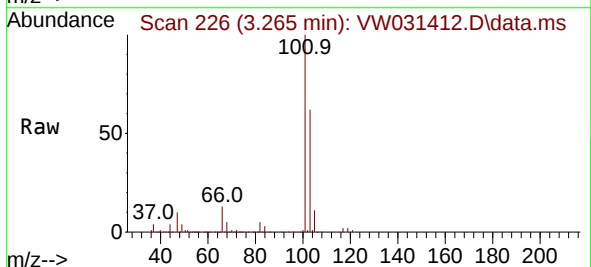
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MSVOA_W
ClientSampleId :

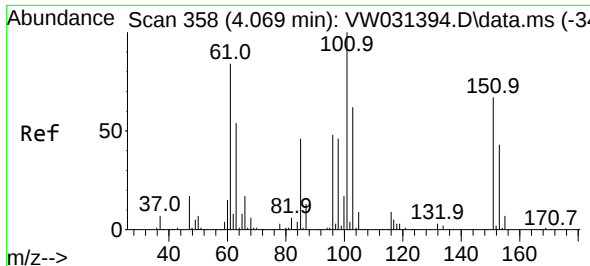
Tgt Ion: 64 Resp: 119294
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 20.017 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion: 101 Resp: 163443
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

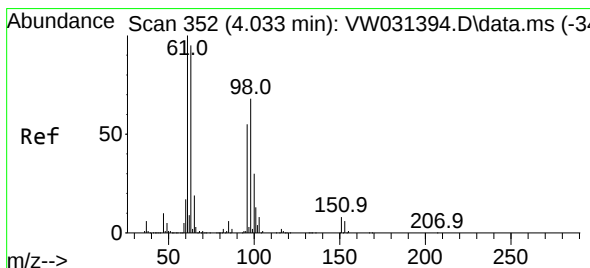
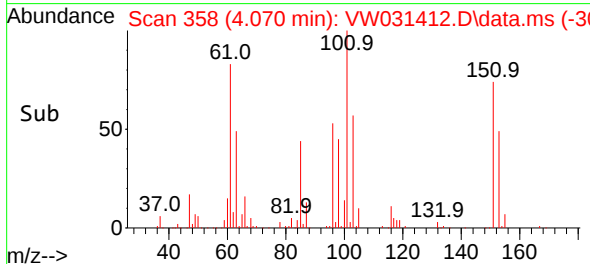
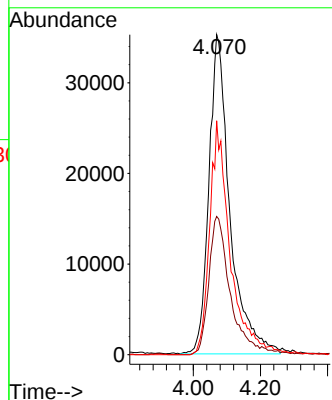
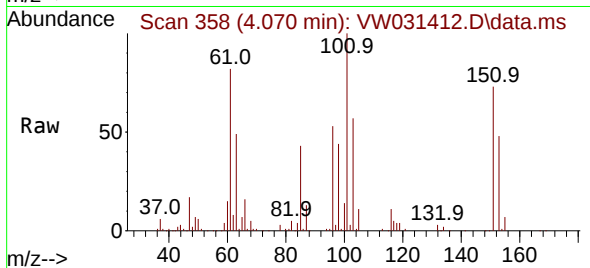




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.304 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW031412.D
 Acq: 20 Dec 2024 03:19

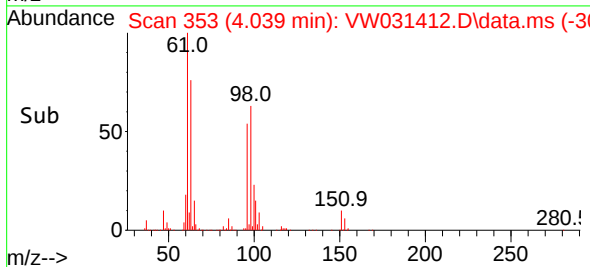
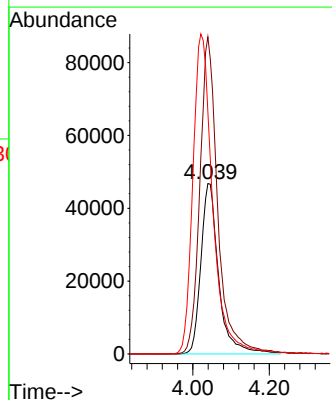
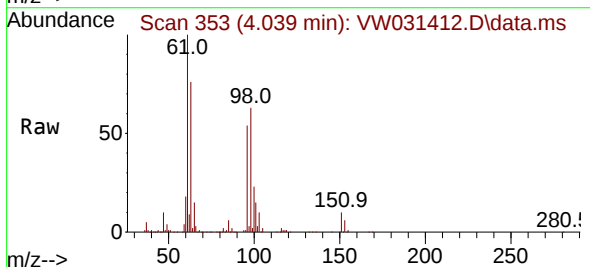
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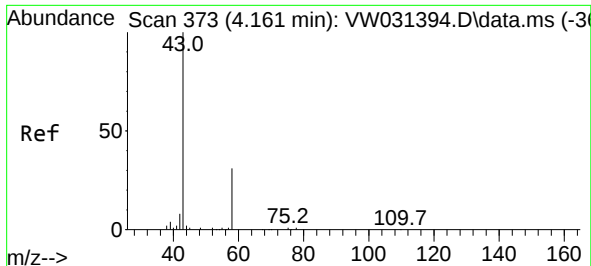
Tgt Ion:101 Resp: 153657
 Ion Ratio Lower Upper
 101 100
 85 43.1 33.0 49.4
 151 69.0 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 22.603 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW031412.D
 Acq: 20 Dec 2024 03:19

Tgt Ion: 96 Resp: 150947
 Ion Ratio Lower Upper
 96 100
 61 186.1 125.3 232.7
 63 141.9 104.6 194.2

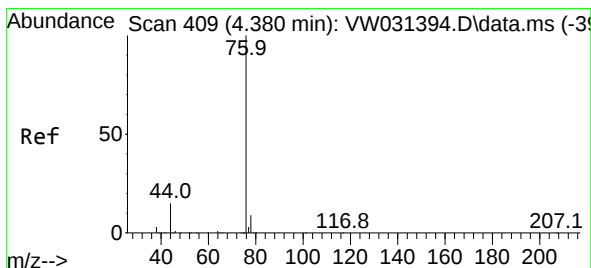
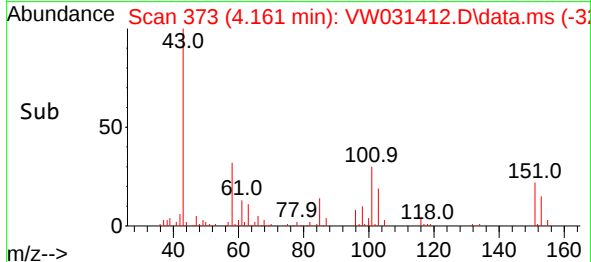
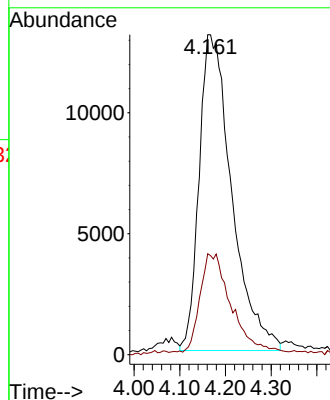
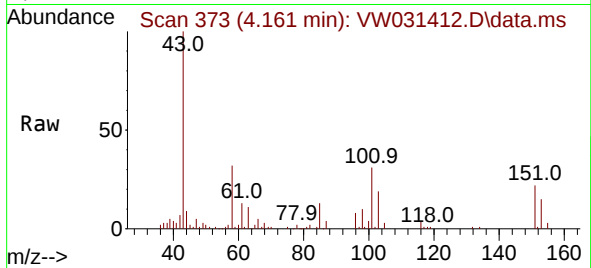




#13
Acetone
Concen: 30.114 ug/L
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW031412.D
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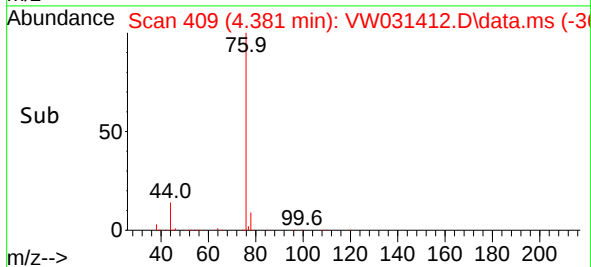
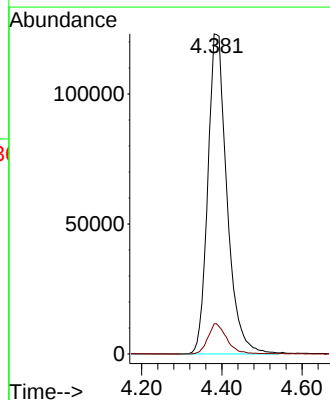
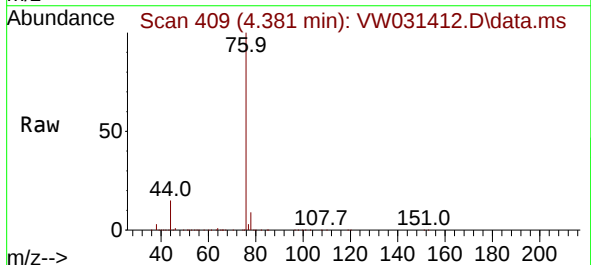
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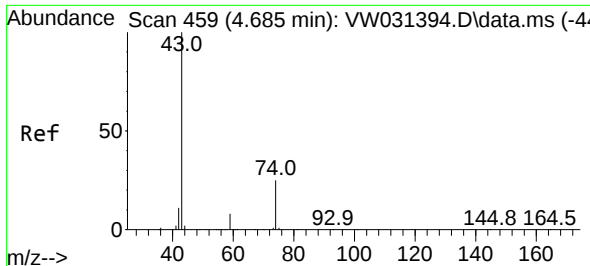
Tgt Ion: 43 Resp: 64734
Ion Ratio Lower Upper
43 100
58 13.3 0.0 0.0#



#14
Carbon disulfide
Concen: 18.738 ug/L
RT: 4.381 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion: 76 Resp: 408112
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

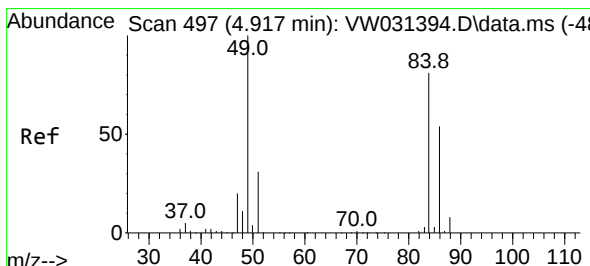
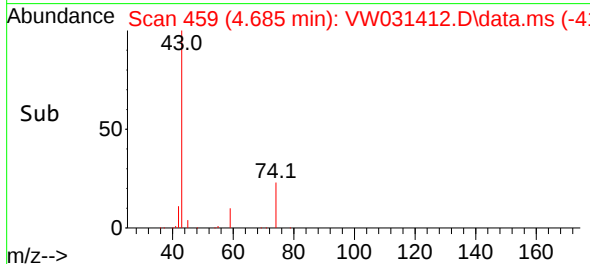
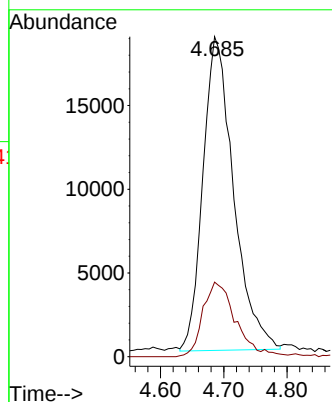
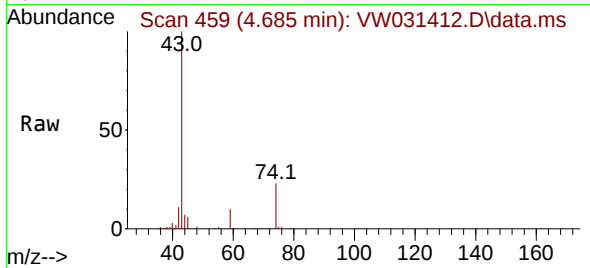




#15
Methyl Acetate
Concen: 25.842 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

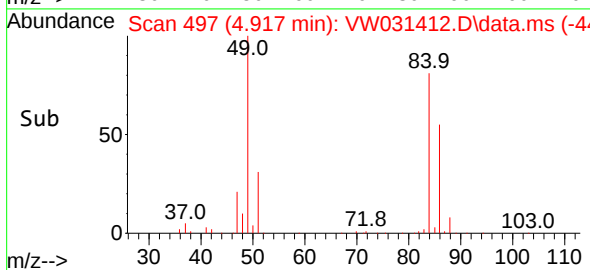
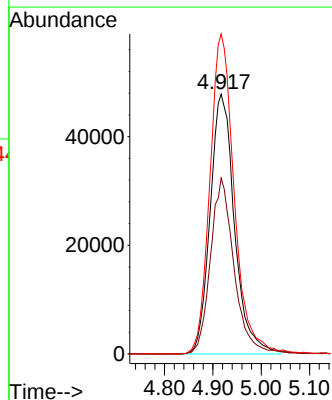
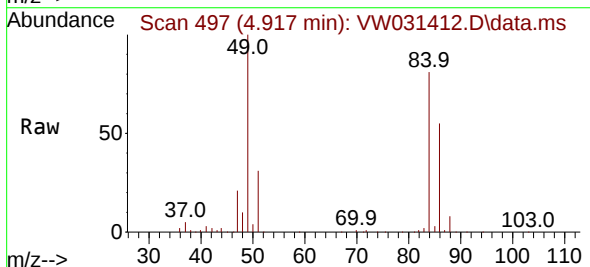
Instrument :
MSVOA_W
ClientSampleId :

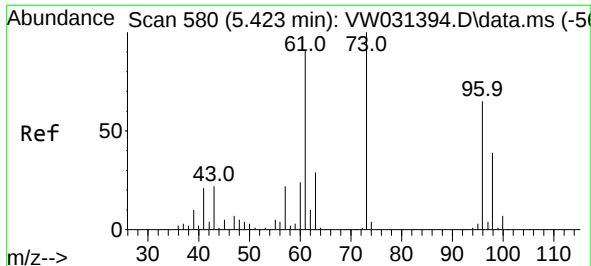
Tgt Ion: 43 Resp: 63095
Ion Ratio Lower Upper
43 100
74 24.6 18.9 28.3



#16
Methylene chloride
Concen: 24.447 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

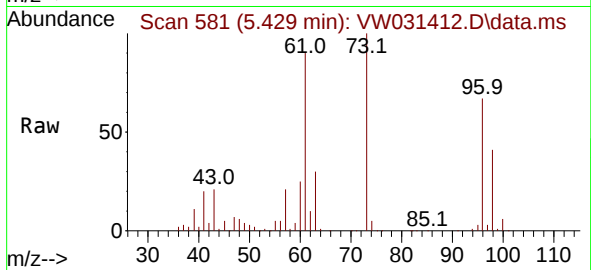
Tgt Ion: 84 Resp: 167561
Ion Ratio Lower Upper
84 100
86 67.7 44.7 82.9
49 123.2 88.3 164.1



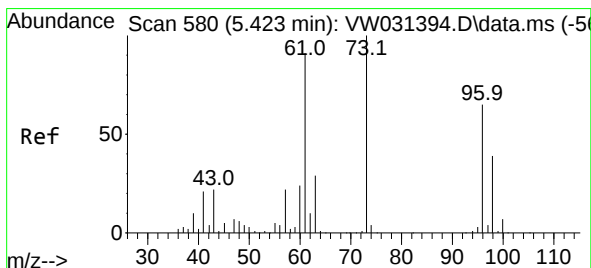
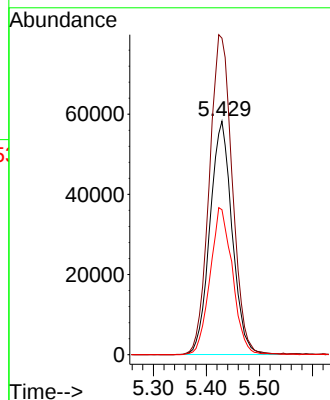
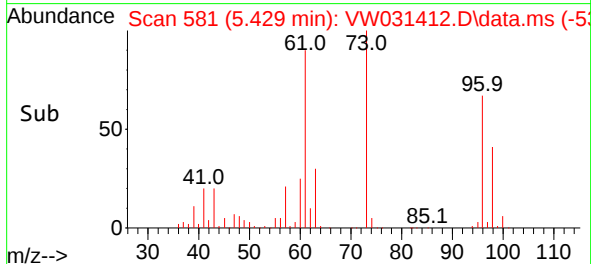


#17
trans-1,2-Dichloroethene
Concen: 23.559 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Instrument :
MSVOA_W
ClientSampleId :

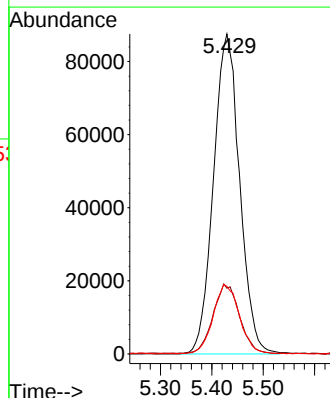
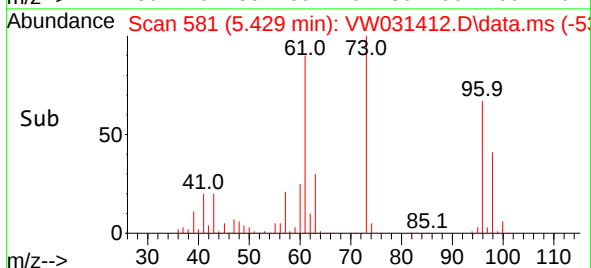
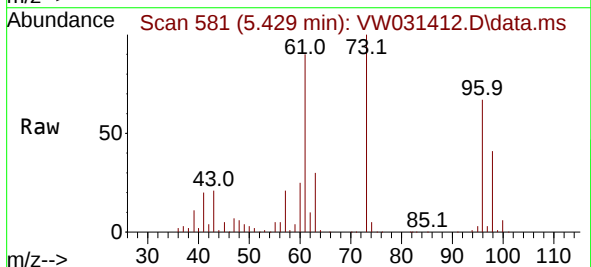


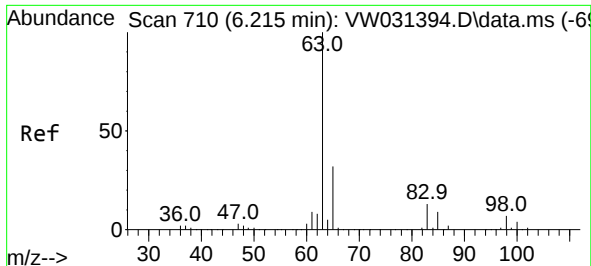
Tgt Ion: 96 Resp: 169590
Ion Ratio Lower Upper
96 100
61 135.6 100.7 187.1
98 62.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 25.718 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion: 73 Resp: 309490
Ion Ratio Lower Upper
73 100
43 21.9 17.9 26.9
57 21.7 17.9 26.9

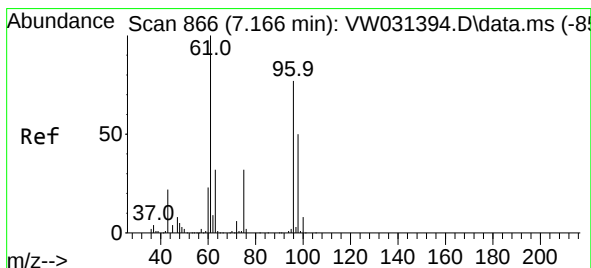
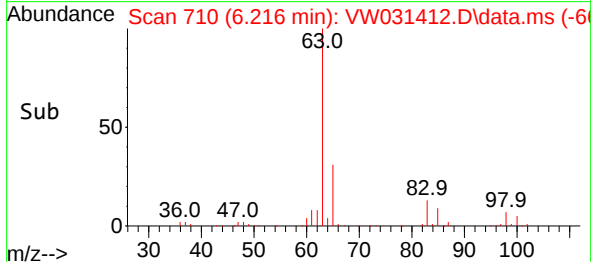
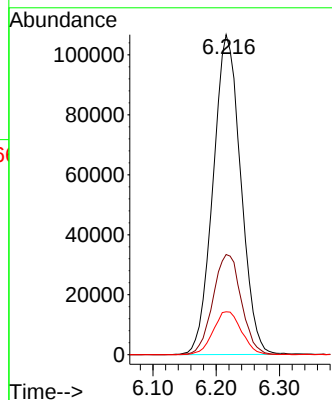
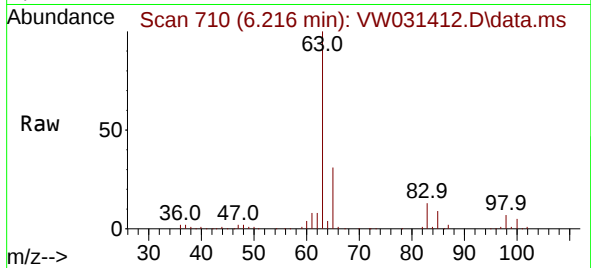




#19
1,1-Dichloroethane
Concen: 24.036 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

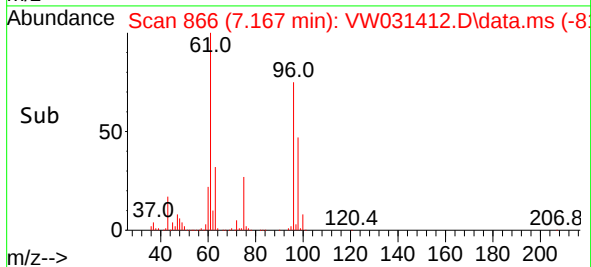
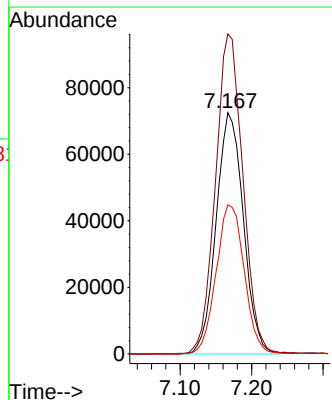
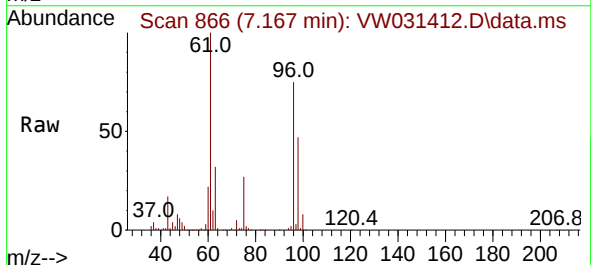
Instrument :
MSVOA_W
ClientSampleId :

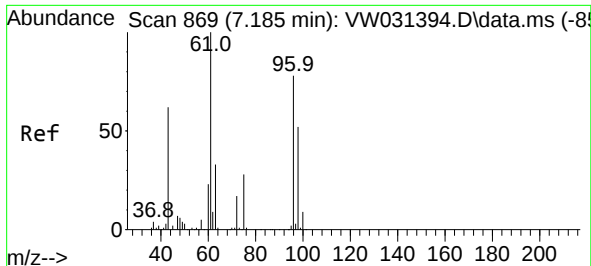
Tgt Ion: 63 Resp: 323322
Ion Ratio Lower Upper
63 100
65 31.3 21.9 40.7
83 13.4 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 24.608 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion: 96 Resp: 191657
Ion Ratio Lower Upper
96 100
61 132.6 92.2 171.2
98 61.8 43.7 81.1

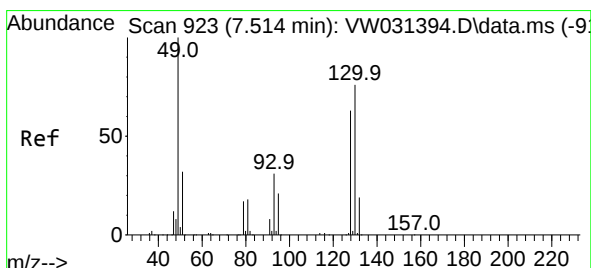
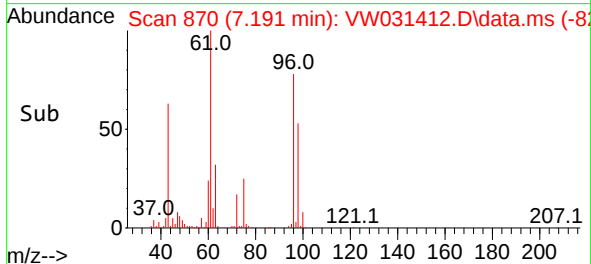
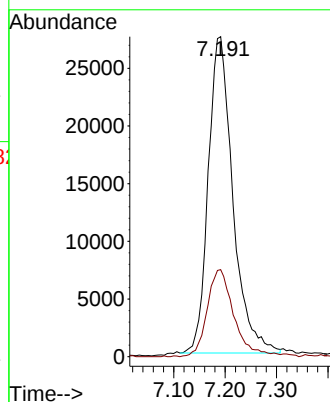
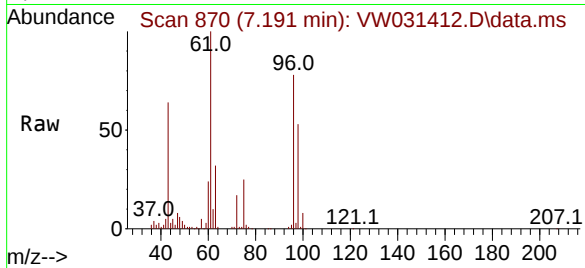




#22
2-Butanone
Concen: 35.026 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

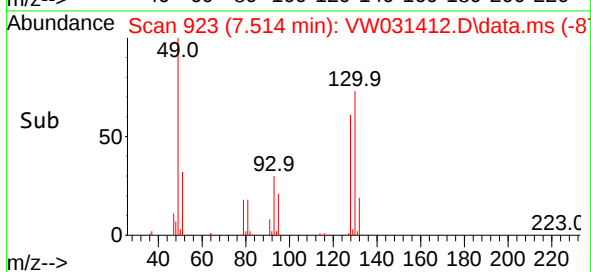
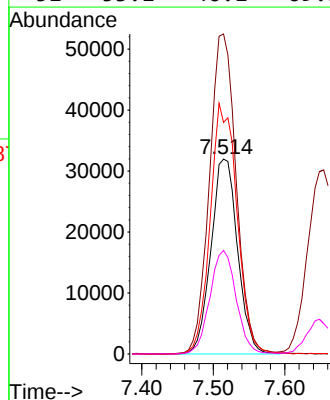
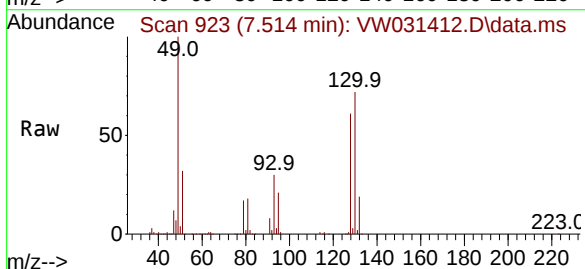
Instrument :
MSVOA_W
ClientSampleId :

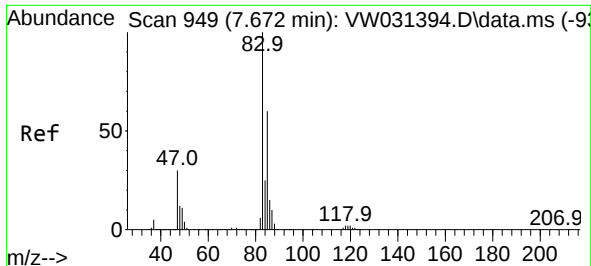
Tgt Ion: 43 Resp: 91232
Ion Ratio Lower Upper
43 100
72 28.7 13.3 39.8



#23
Bromochloromethane
Concen: 26.584 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

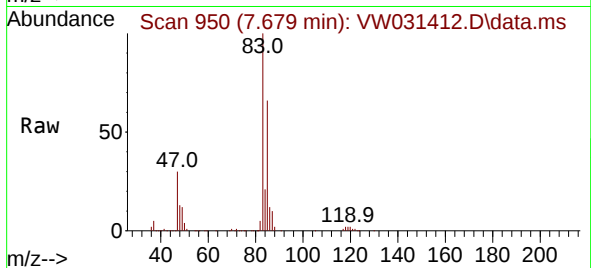
Tgt Ion:128 Resp: 82575
Ion Ratio Lower Upper
128 100
49 164.2 123.7 229.7
130 118.9 90.3 167.7
51 53.1 46.1 69.1



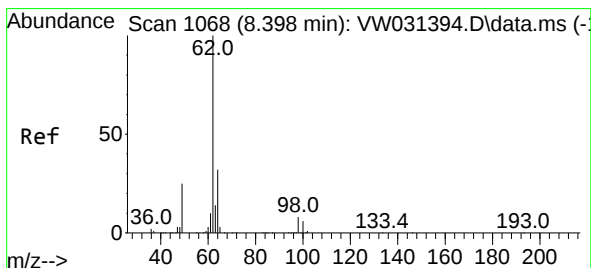
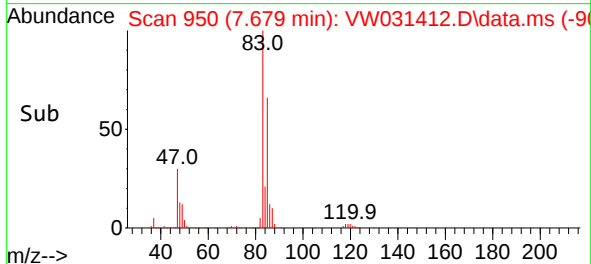
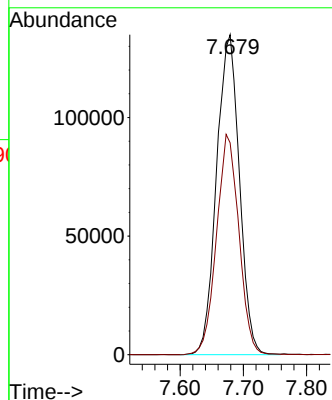


#25
Chloroform
Concen: 25.435 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Instrument :
MSVOA_W
ClientSampleId :

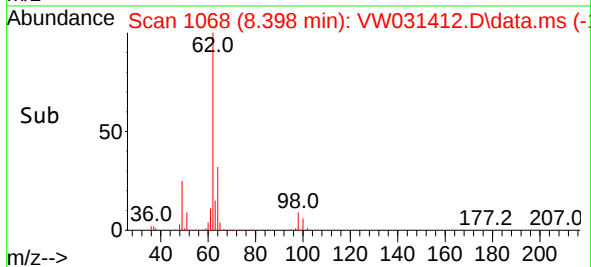
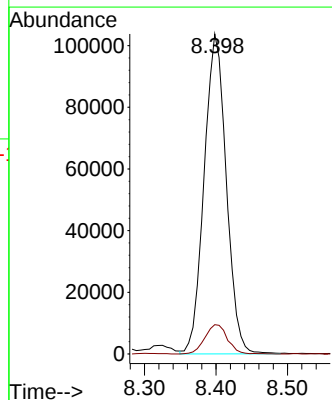
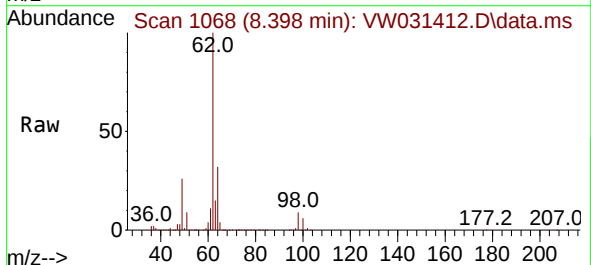


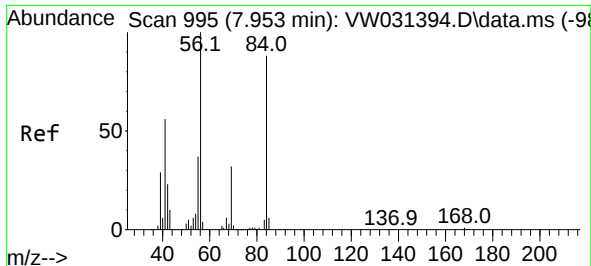
Tgt Ion: 83 Resp: 337668
Ion Ratio Lower Upper
83 100
85 66.2 46.1 85.5



#27
1,2-Dichloroethane
Concen: 26.794 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

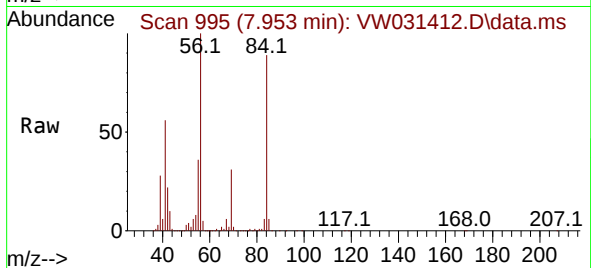
Tgt Ion: 62 Resp: 223634
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8



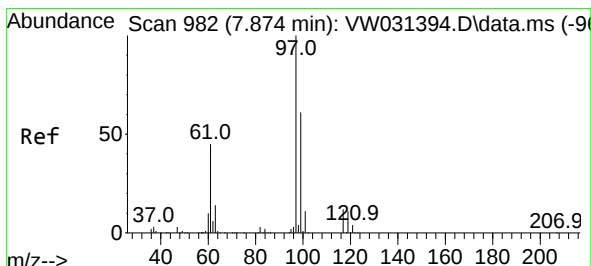
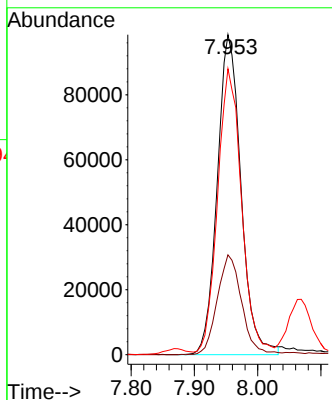
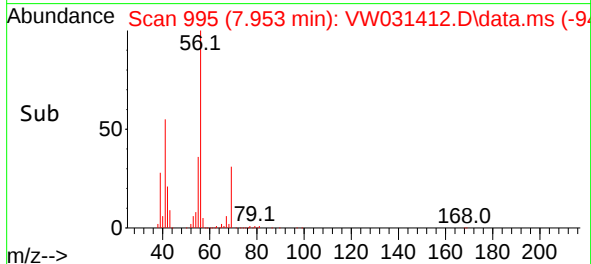


#29
Cyclohexane
Concen: 19.314 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Instrument :
MSVOA_W
ClientSampleId :

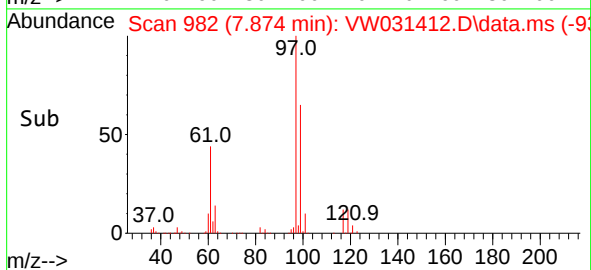
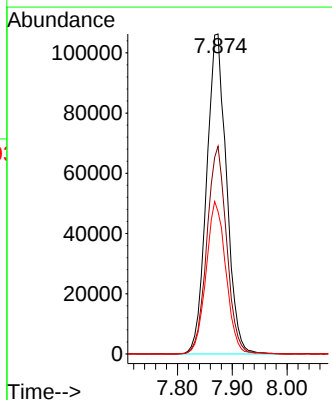
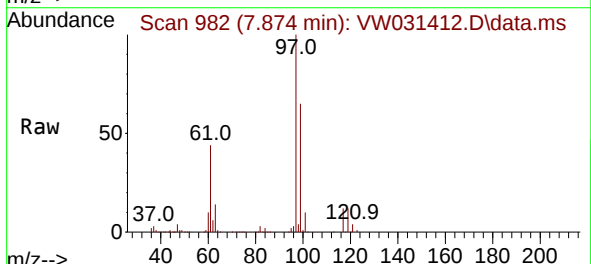


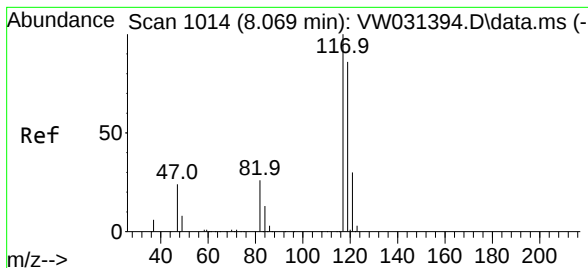
Tgt Ion: 56 Resp: 256305
Ion Ratio Lower Upper
56 100
69 31.6 25.0 37.4
84 90.1 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 21.150 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion: 97 Resp: 267495
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 47.5 36.3 54.5





#31

Carbon tetrachloride

Concen: 20.406 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

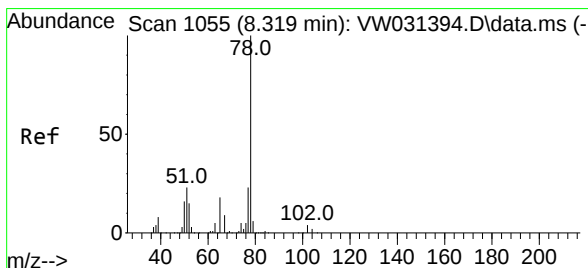
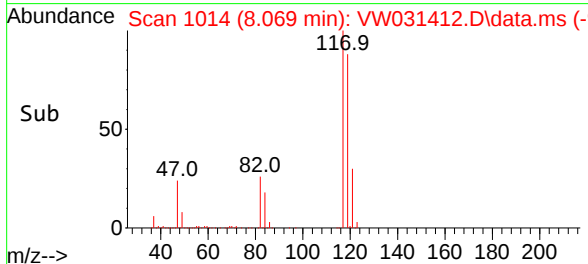
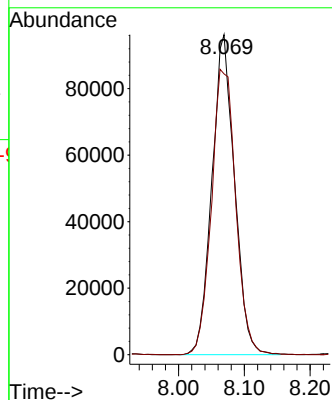
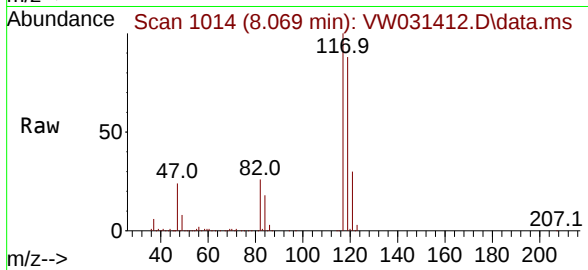
ClientSampleId :

Tgt Ion:117 Resp: 229932

Ion Ratio Lower Upper

117 100

119 95.9 76.0 114.0



#33

Benzene

Concen: 23.546 ug/L

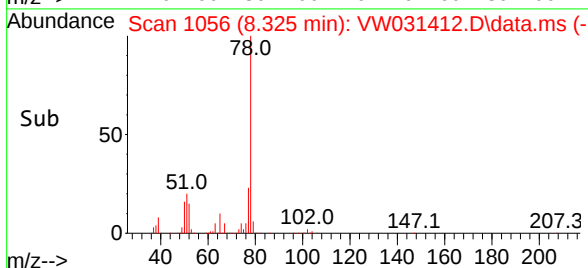
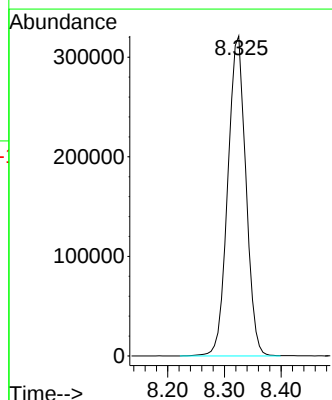
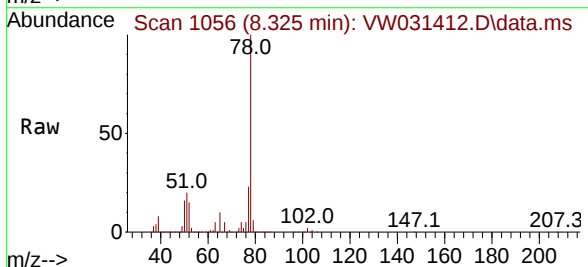
RT: 8.325 min Scan# 1056

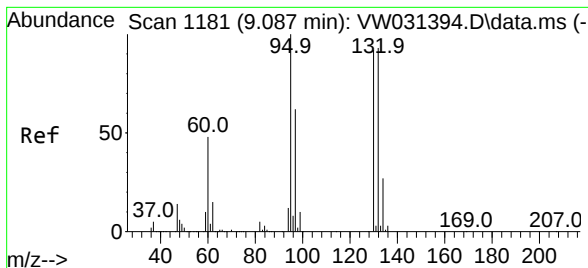
Delta R.T. 0.006 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Tgt Ion: 78 Resp: 711996





#34

Trichloroethene

Concen: 23.059 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 196856

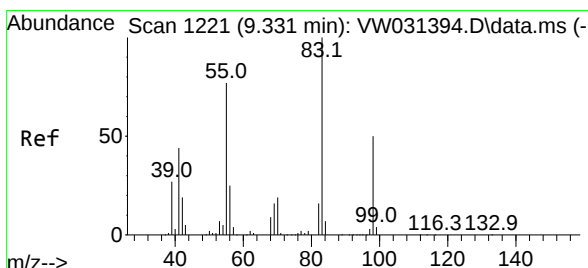
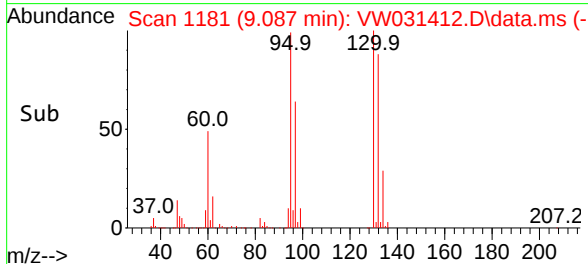
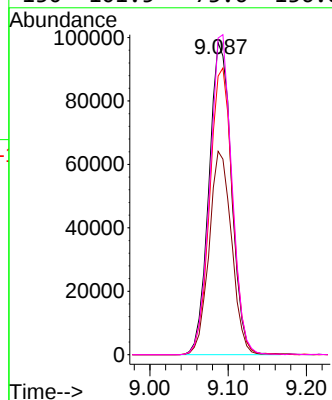
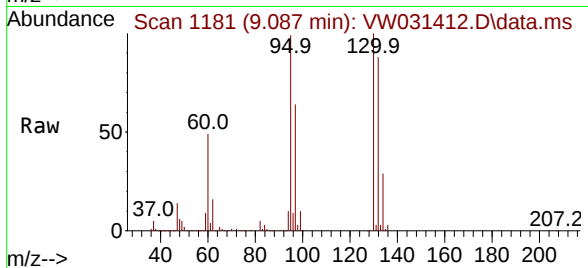
Ion Ratio Lower Upper

95 100

97 65.2 46.5 86.3

132 89.3 70.3 130.5

130 101.5 73.6 136.8



#35

Methylcyclohexane

Concen: 20.423 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

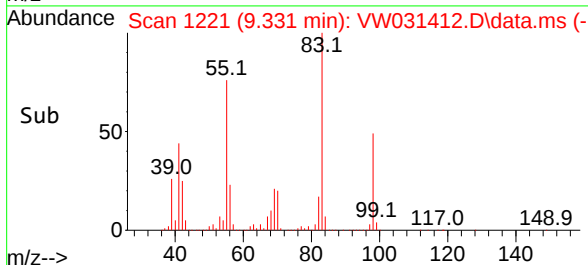
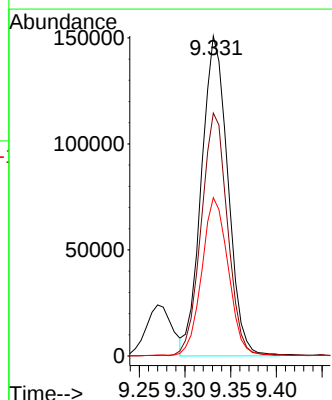
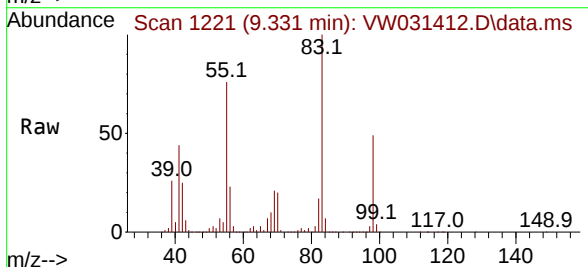
Tgt Ion: 83 Resp: 303634

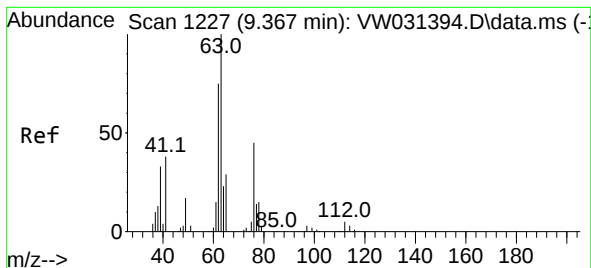
Ion Ratio Lower Upper

83 100

55 74.8 62.6 93.8

98 49.1 39.8 59.6





#37

1,2-Dichloropropane

Concen: 24.261 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

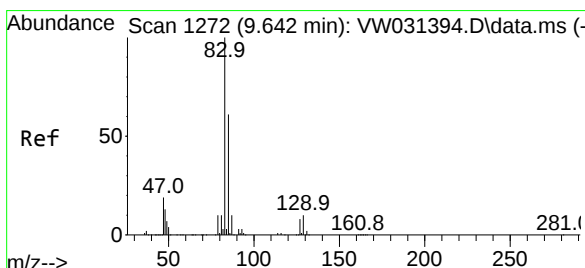
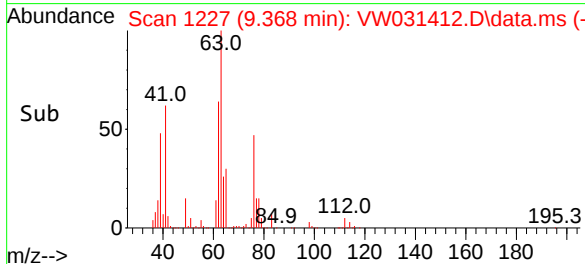
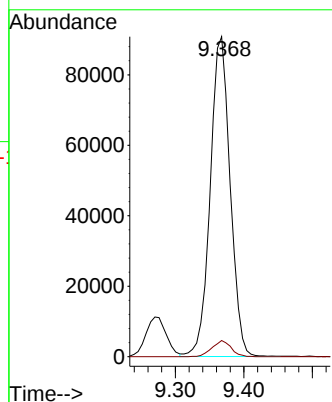
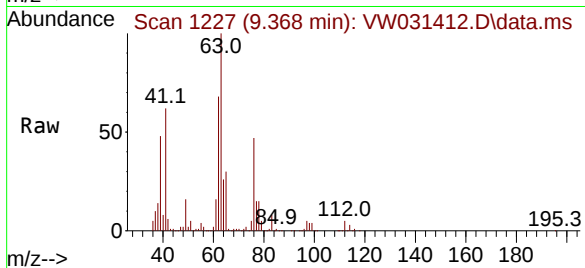
ClientSampleId :

Tgt Ion: 63 Resp: 183018

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 23.989 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

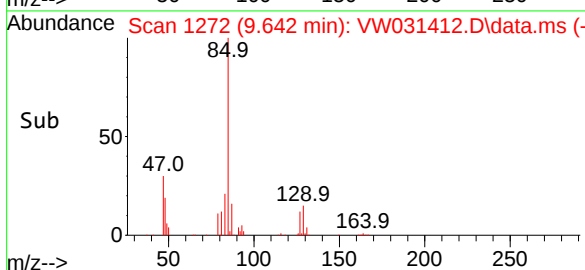
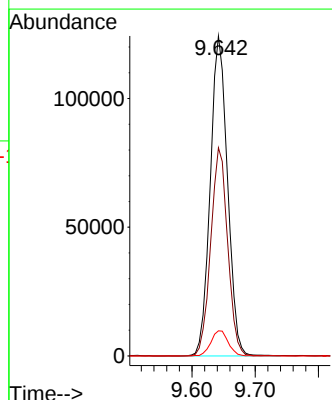
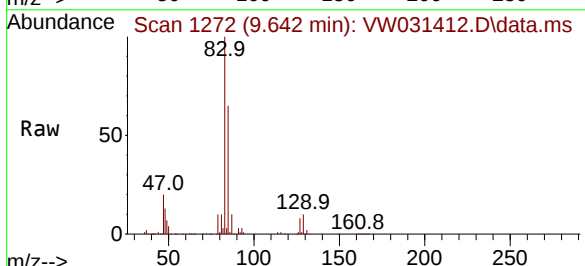
Tgt Ion: 83 Resp: 235261

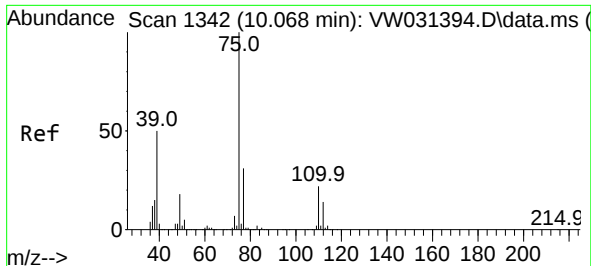
Ion Ratio Lower Upper

83 100

85 65.1 46.5 86.5

127 7.9 6.2 9.4

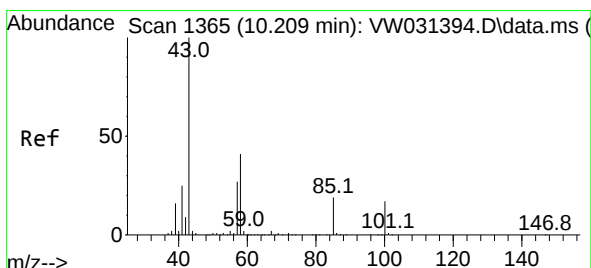
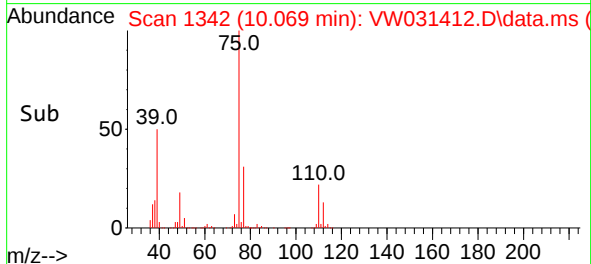
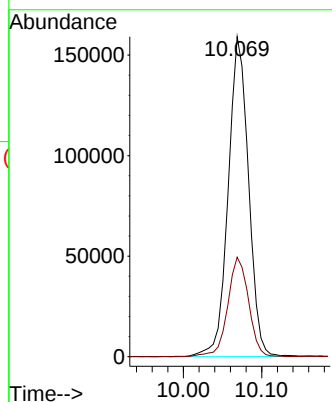
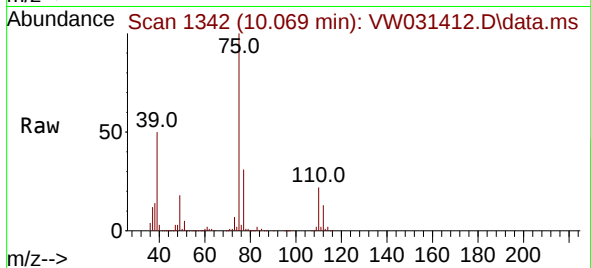




#39
cis-1,3-Dichloropropene
Concen: 22.470 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

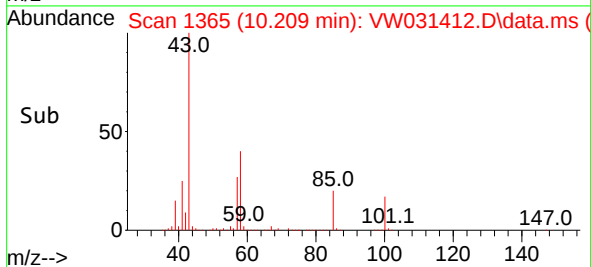
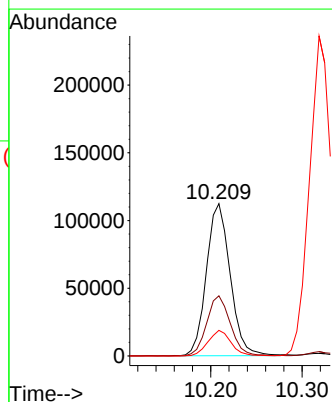
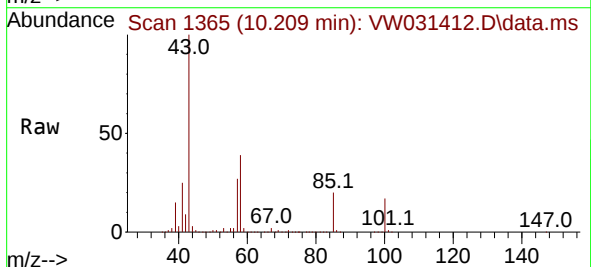
Instrument :
MSVOA_W
ClientSampleId :

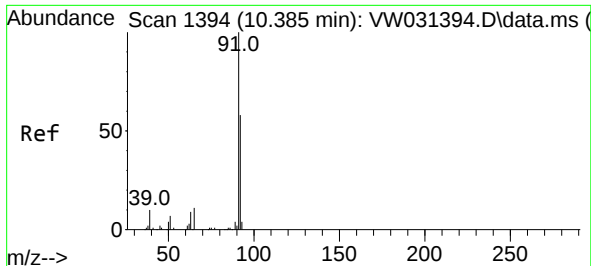
Tgt Ion: 75 Resp: 286433
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 50.781 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion: 43 Resp: 203238
Ion Ratio Lower Upper
43 100
58 39.4 31.1 46.7
100 16.4 13.0 19.6

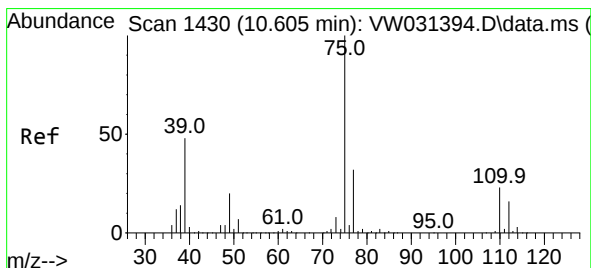
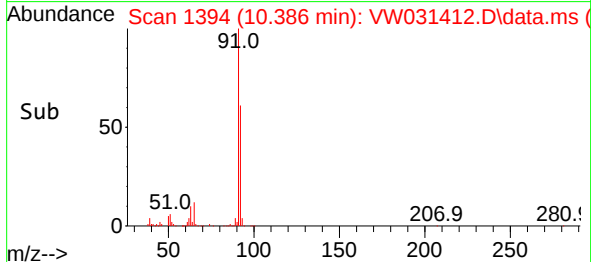
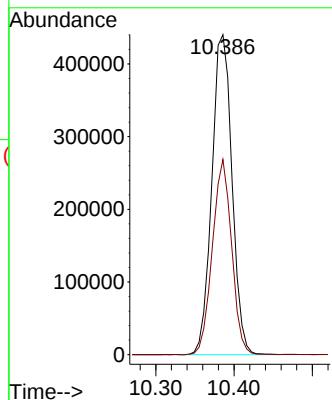
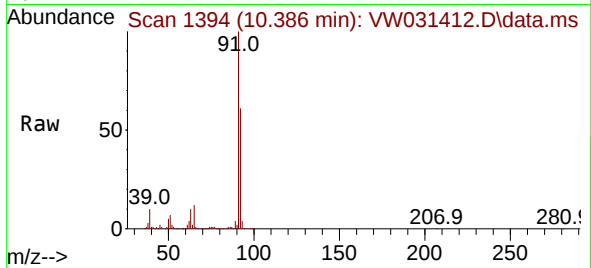




#42
Toluene
Concen: 23.886 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

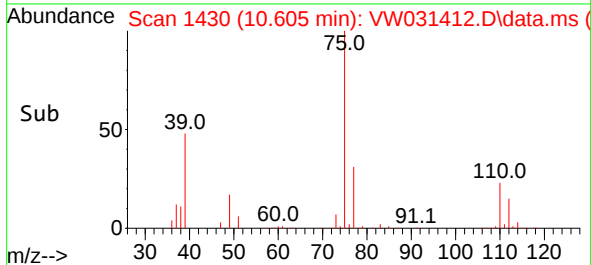
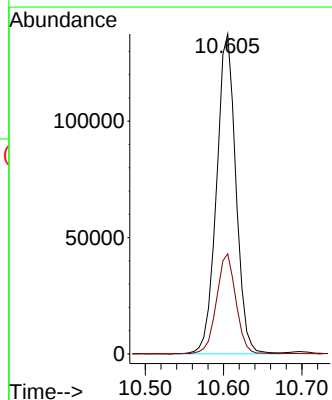
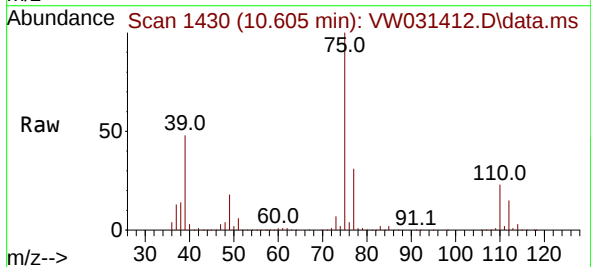
Instrument :
MSVOA_W
ClientSampleId :

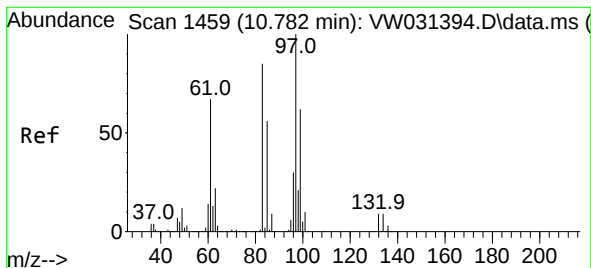
Tgt Ion: 91 Resp: 786397
Ion Ratio Lower Upper
91 100
92 61.0 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 22.647 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion: 75 Resp: 235720
Ion Ratio Lower Upper
75 100
77 31.3 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.238 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 136672

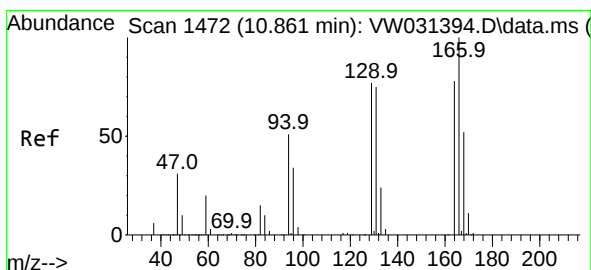
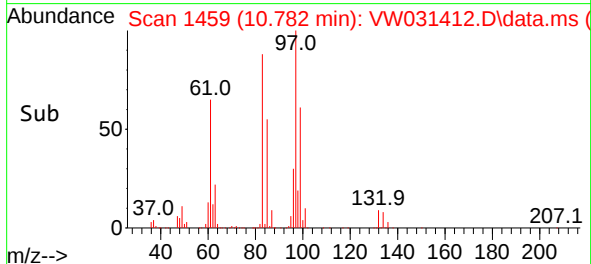
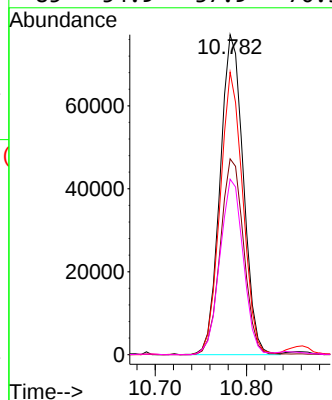
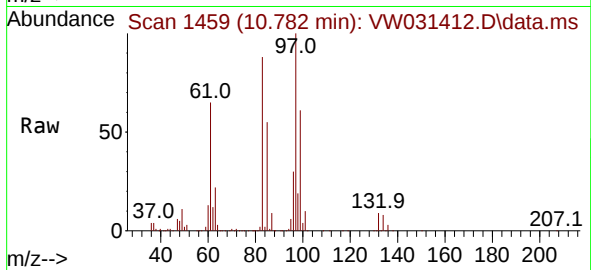
Ion Ratio Lower Upper

97 100

99 61.2 43.0 80.0

83 88.3 56.4 104.7

85 54.9 37.9 70.3



#46

Tetrachloroethene

Concen: 23.204 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Tgt Ion:164 Resp: 145106

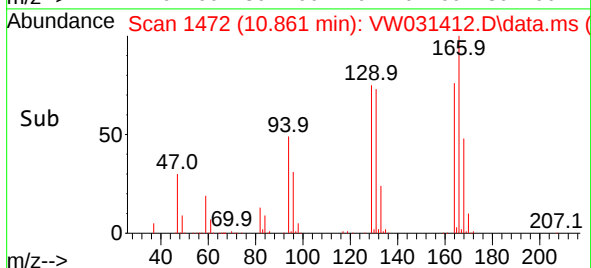
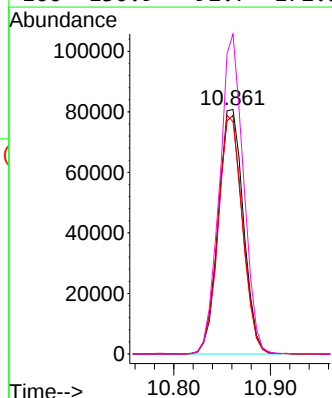
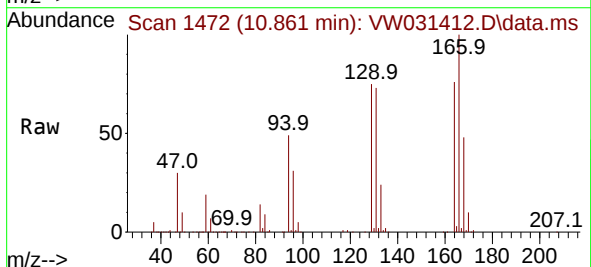
Ion Ratio Lower Upper

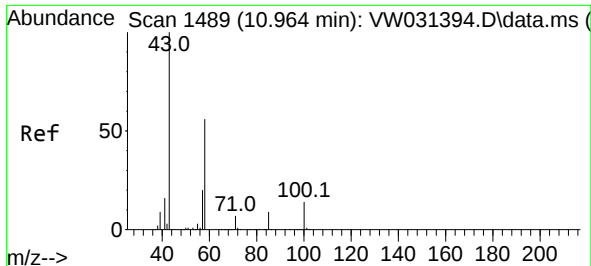
164 100

129 97.6 73.5 136.5

131 95.0 66.6 123.8

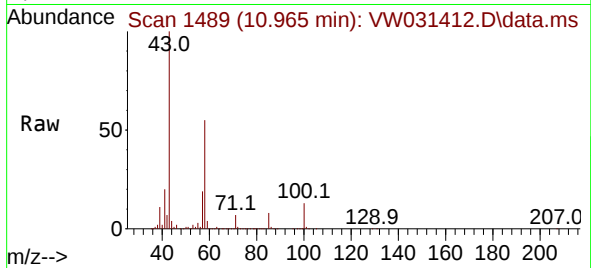
166 130.9 92.7 172.3



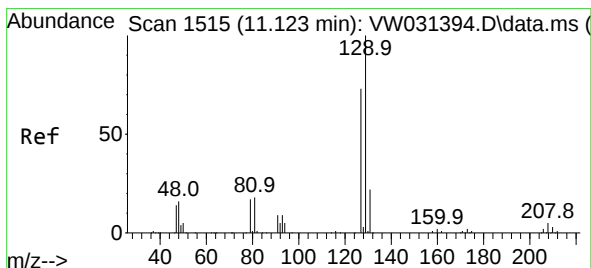
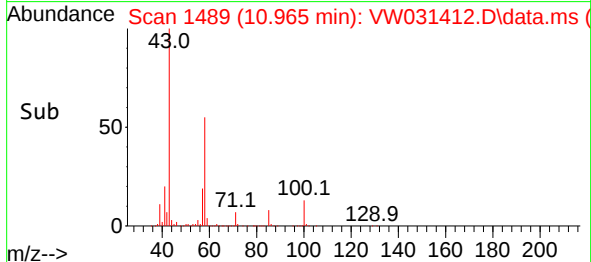
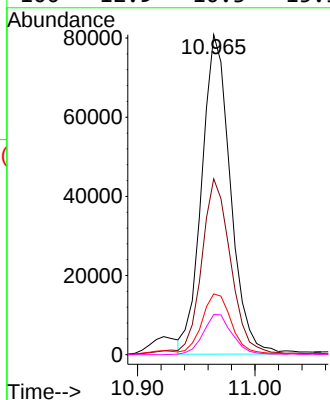


#48
2-Hexanone
Concen: 40.235 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Instrument :
MSVOA_W
ClientSampleId :

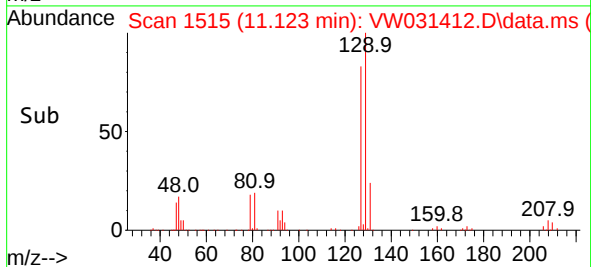
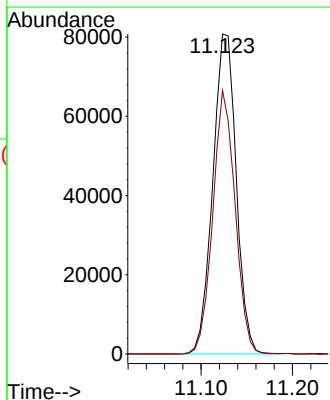
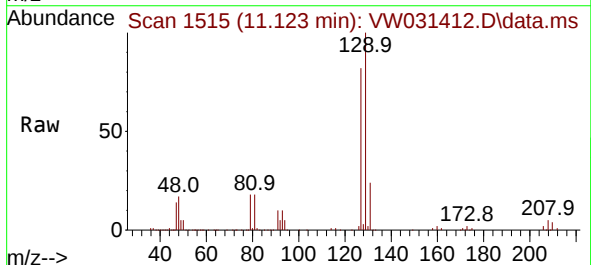


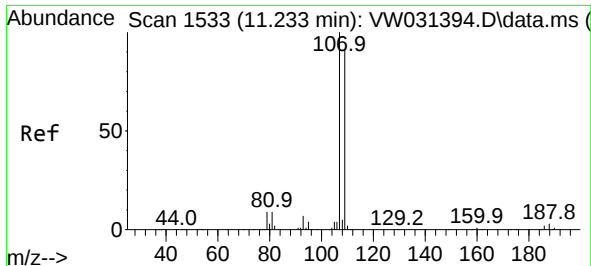
Tgt Ion: 43 Resp: 136955
Ion Ratio Lower Upper
43 100
58 54.1 43.0 64.6
57 20.0 15.7 23.5
100 12.9 10.3 15.5



#49
Dibromochloromethane
Concen: 24.233 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

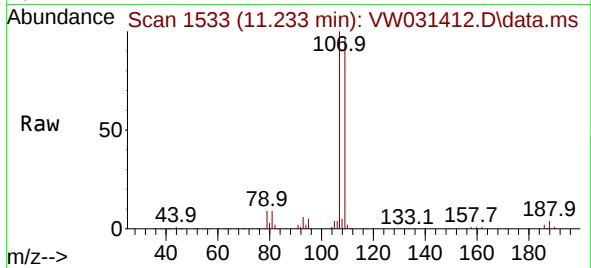
Tgt Ion:129 Resp: 144129
Ion Ratio Lower Upper
129 100
127 82.4 57.6 107.0



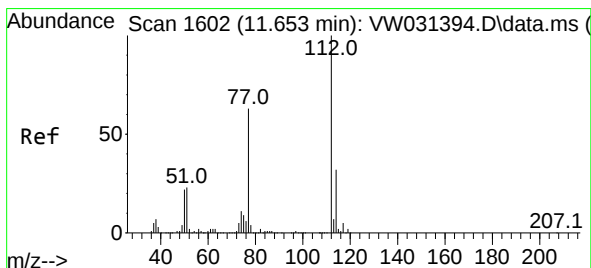
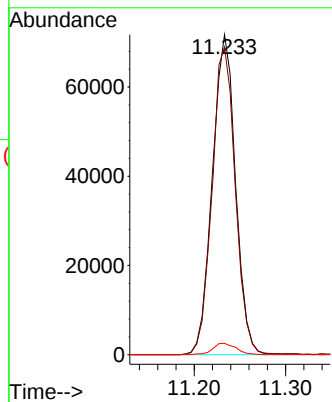
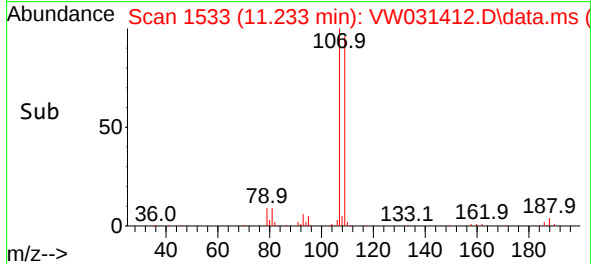


#50
1,2-Dibromoethane
Concen: 26.565 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

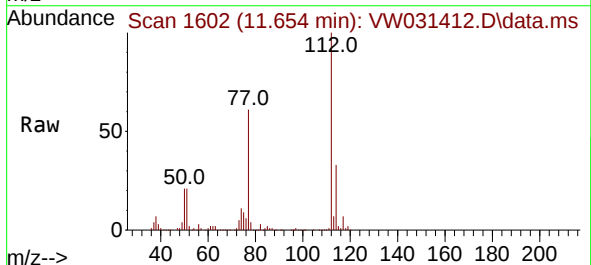
Instrument :
MSVOA_W
ClientSampleId :



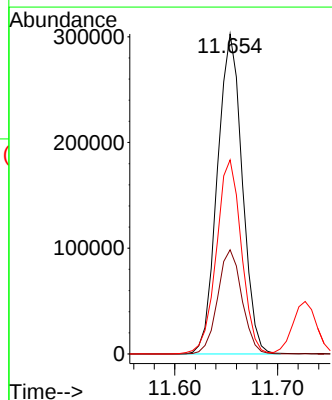
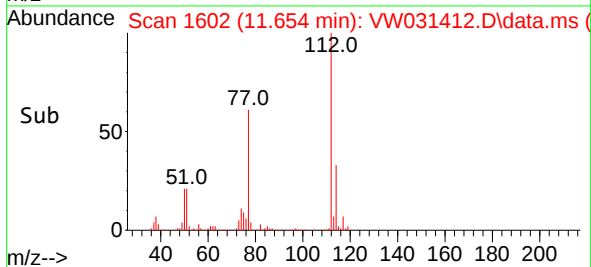
Tgt Ion:107 Resp: 126269
Ion Ratio Lower Upper
107 100
109 96.1 63.2 117.4
188 3.6 2.6 4.0

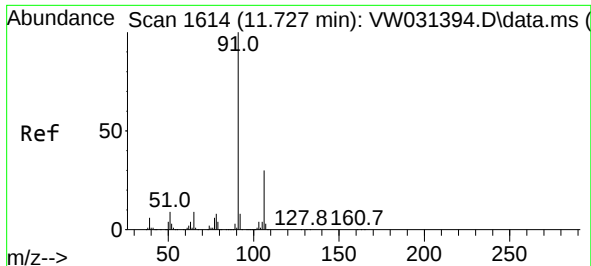


#51
Chlorobenzene
Concen: 24.620 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19



Tgt Ion:112 Resp: 508201
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.3
77 60.7 50.2 75.4

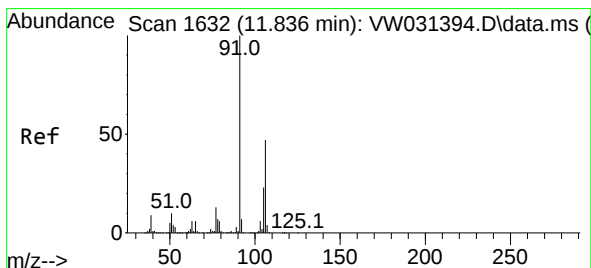
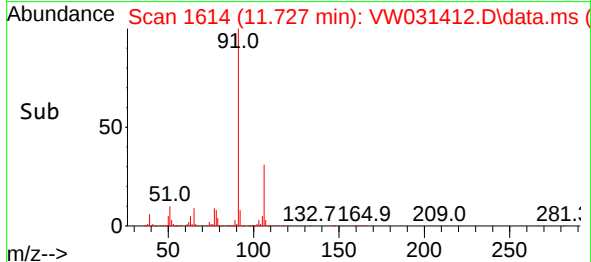
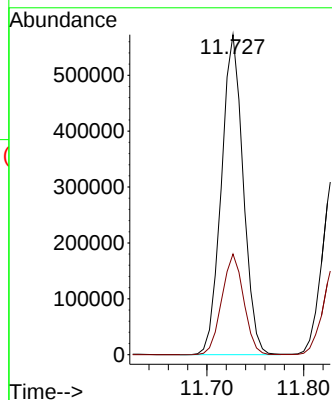
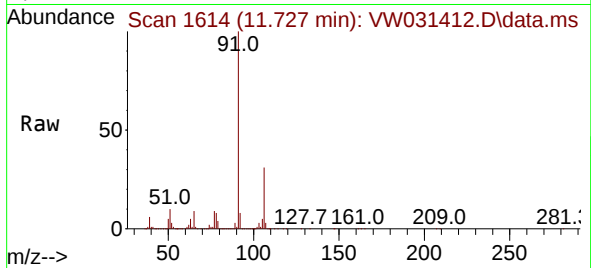




#52
Ethylbenzene
Concen: 23.456 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

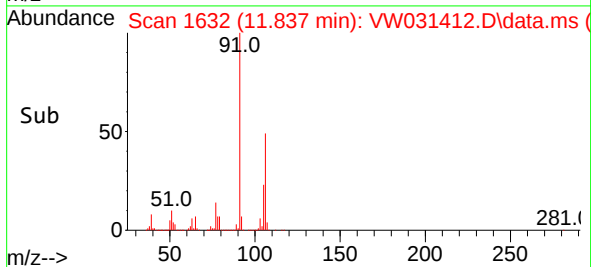
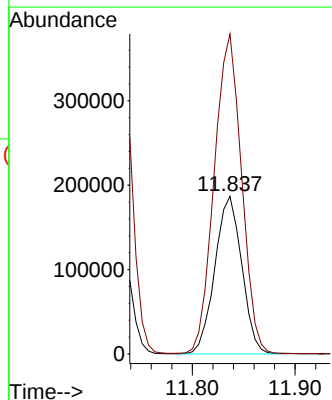
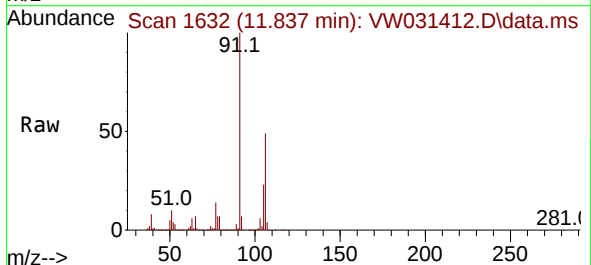
Instrument :
MSVOA_W
ClientSampleId :

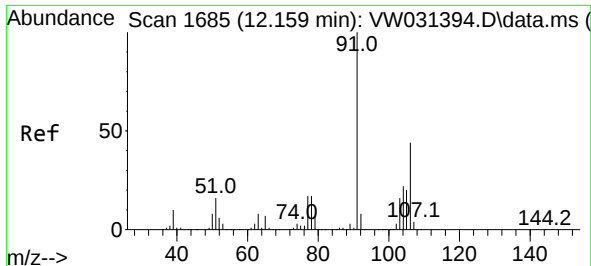
Tgt Ion: 91 Resp: 895019
Ion Ratio Lower Upper
91 100
106 31.5 20.7 38.5



#53
m,p-Xylene
Concen: 23.403 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion:106 Resp: 339943
Ion Ratio Lower Upper
106 100
91 202.9 139.9 259.7

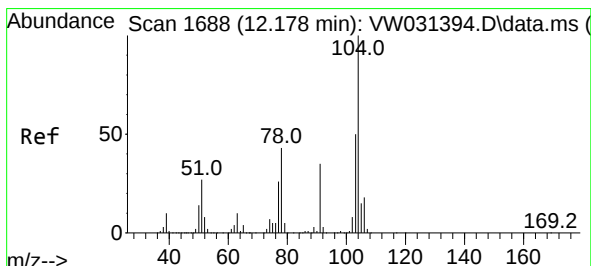
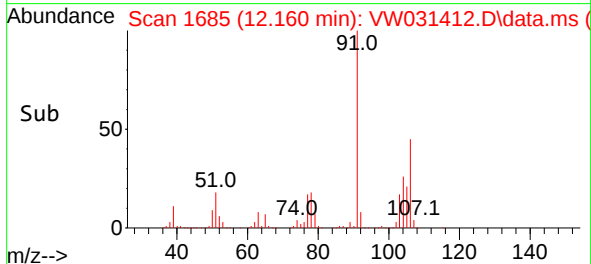
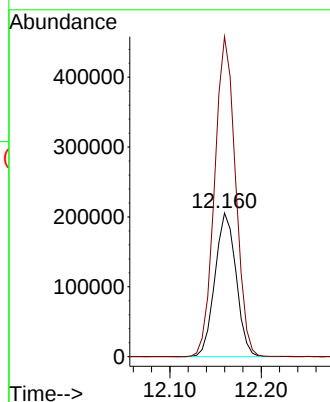
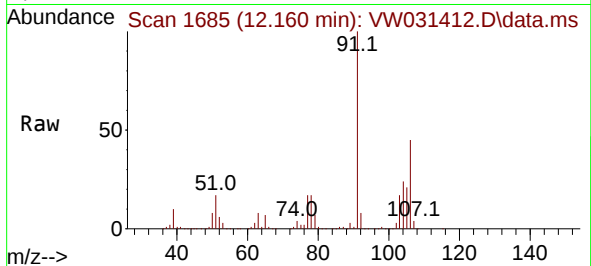




#54
o-Xylene
Concen: 24.175 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

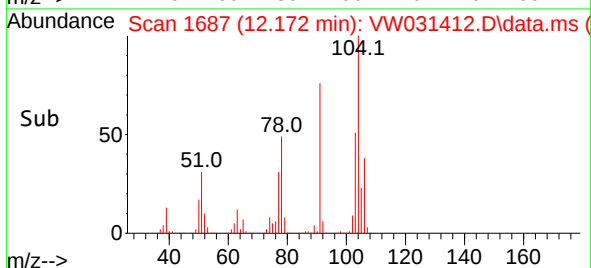
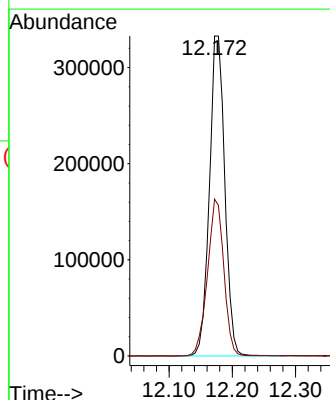
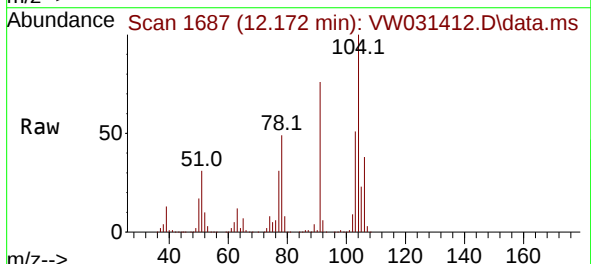
Instrument :
MSVOA_W
ClientSampleId :

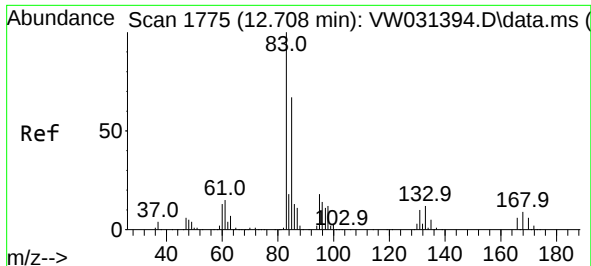
Tgt Ion:106 Resp: 330946
Ion Ratio Lower Upper
106 100
91 222.8 153.1 284.3



#55
Styrene
Concen: 24.766 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion:104 Resp: 563954
Ion Ratio Lower Upper
104 100
78 49.0 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 28.727 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

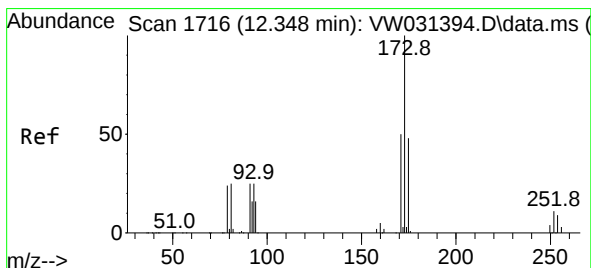
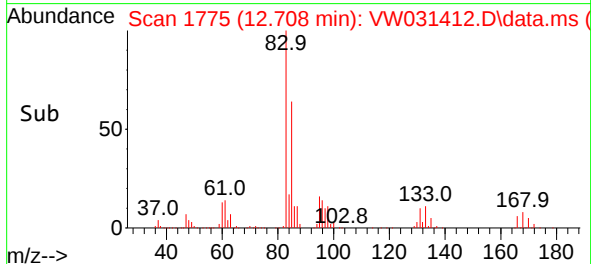
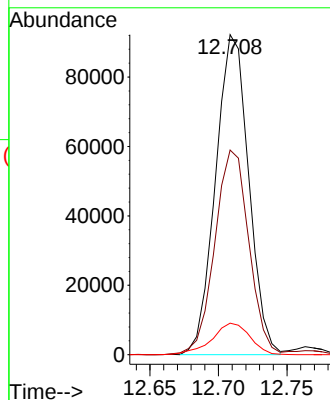
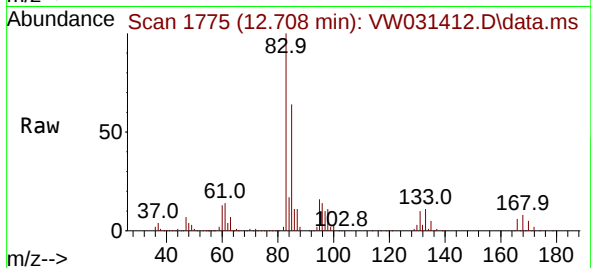
Tgt Ion: 83 Resp: 155384

Ion Ratio Lower Upper

83 100

85 63.9 44.1 81.9

131 9.9 7.9 11.9



#59

Bromoform

Concen: 22.948 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

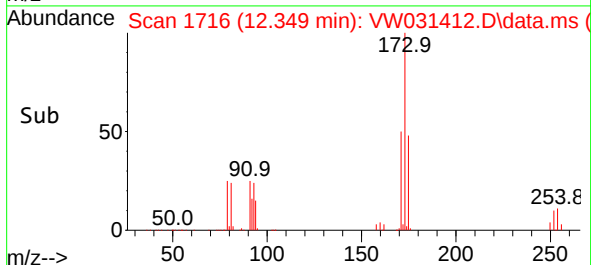
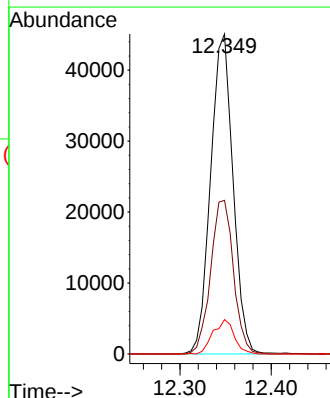
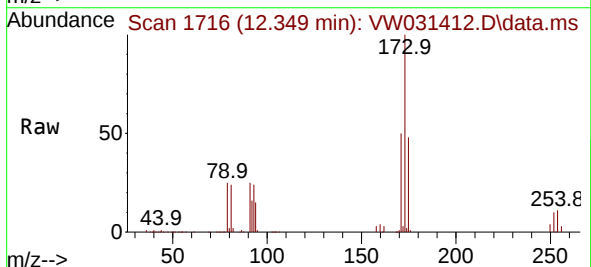
Tgt Ion:173 Resp: 76783

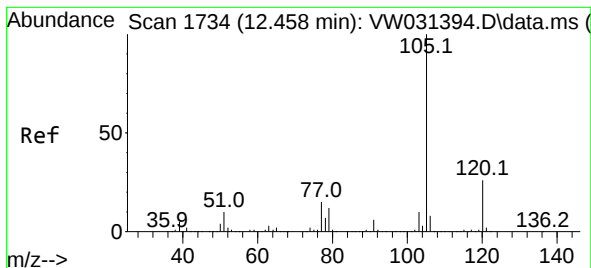
Ion Ratio Lower Upper

173 100

175 48.9 38.6 57.8

254 10.1 7.6 11.4





#60

Isopropylbenzene

Concen: 23.053 ug/L

RT: 12.458 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

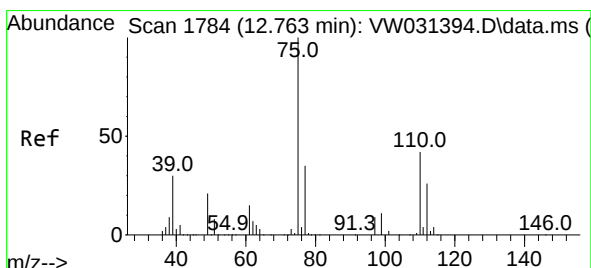
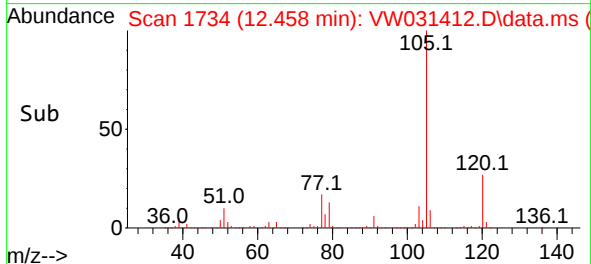
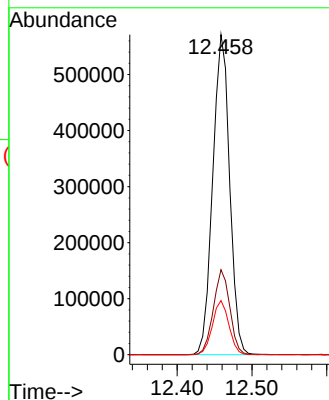
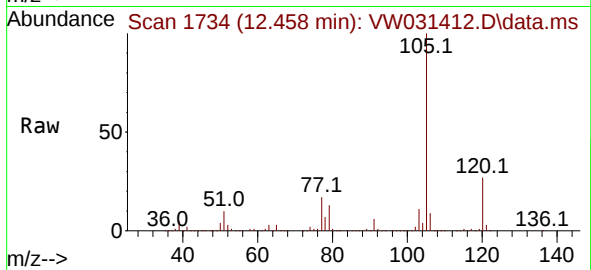
Tgt Ion:105 Resp: 898513

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 16.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 27.799 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

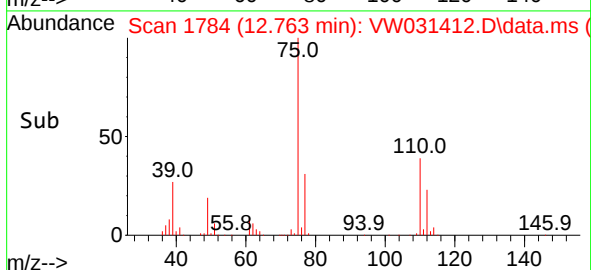
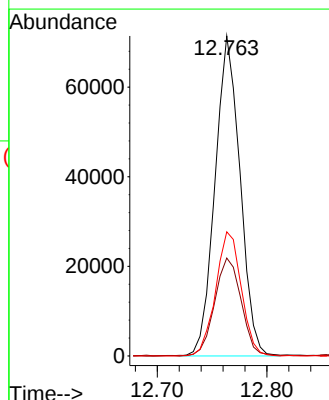
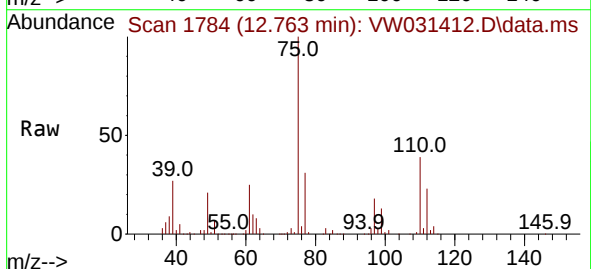
Tgt Ion: 75 Resp: 113295

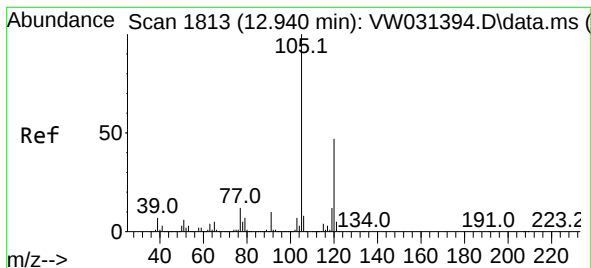
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

110 39.6 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 23.477 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

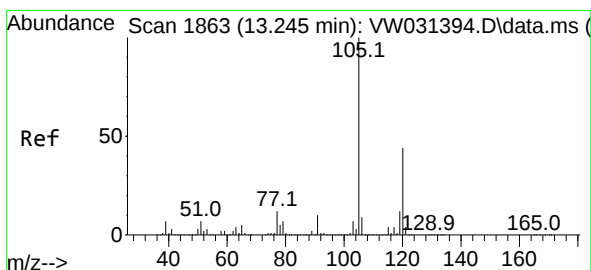
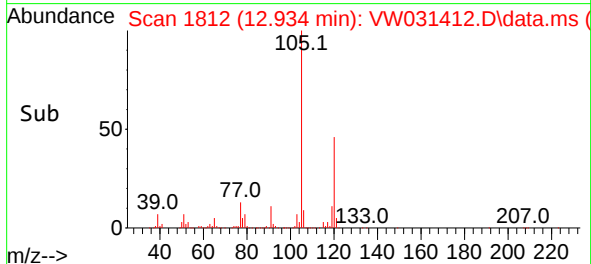
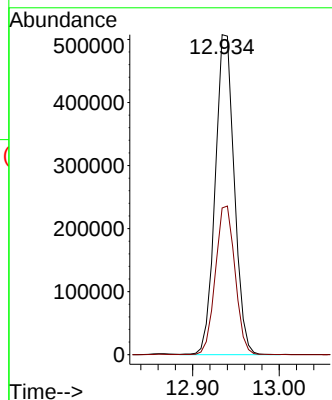
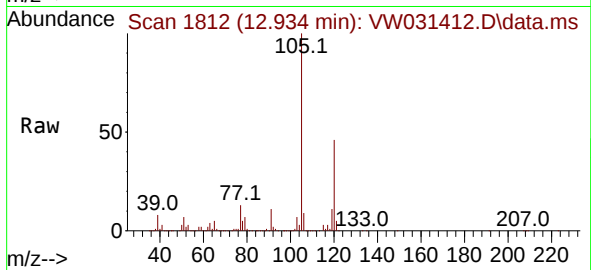
ClientSampleId :

Tgt Ion:105 Resp: 775800

Ion Ratio Lower Upper

105 100

120 47.8 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 23.649 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031412.D

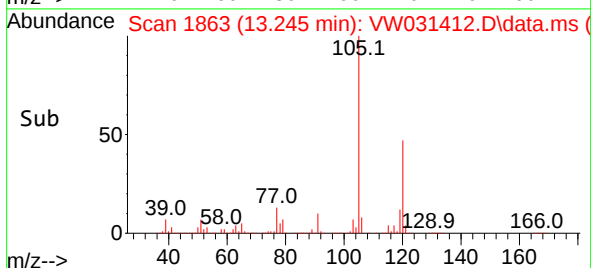
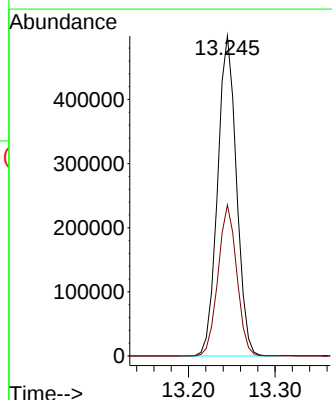
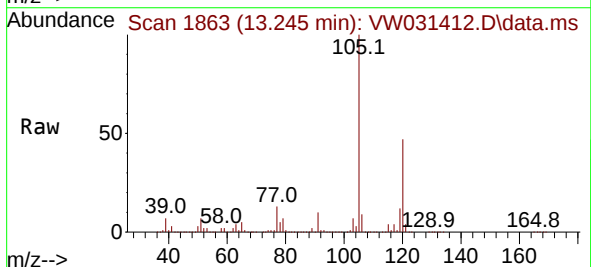
Acq: 20 Dec 2024 03:19

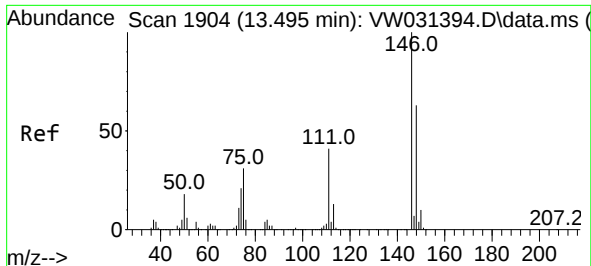
Tgt Ion:105 Resp: 755295

Ion Ratio Lower Upper

105 100

120 46.6 35.0 52.4

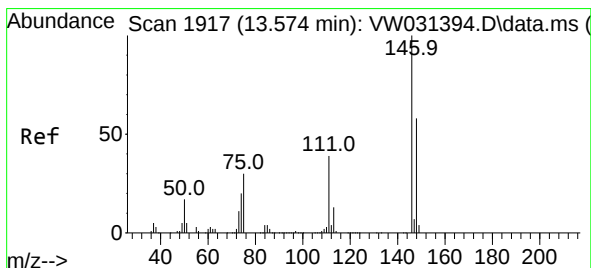
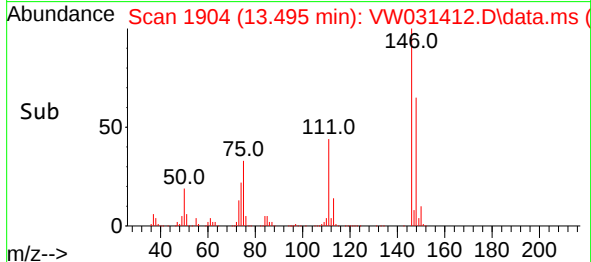
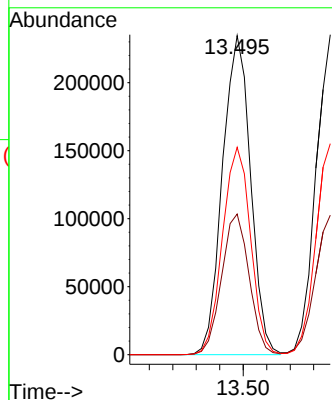
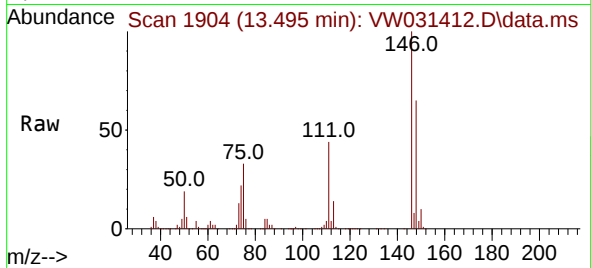




#64
1,3-Dichlorobenzene
Concen: 24.676 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

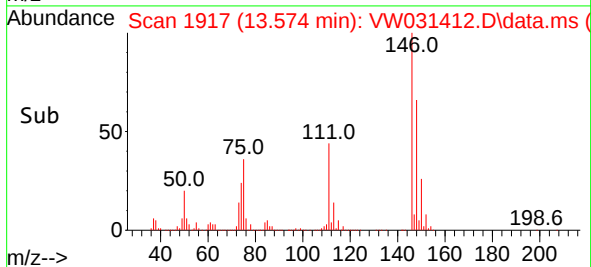
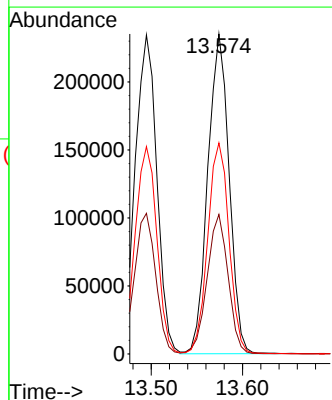
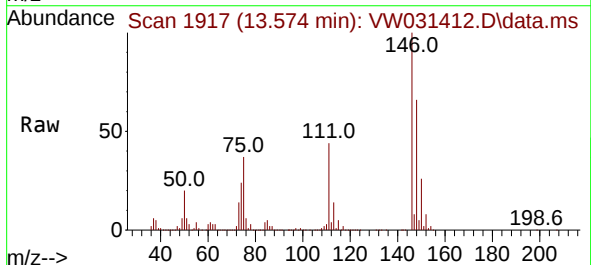
Instrument :
MSVOA_W
ClientSampleId :

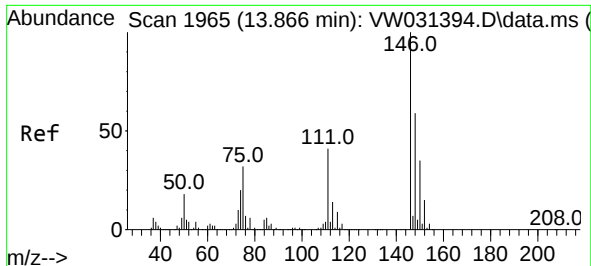
Tgt Ion:146 Resp: 389671
Ion Ratio Lower Upper
146 100
111 44.1 27.6 51.2
148 65.0 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 24.368 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031412.D
Acq: 20 Dec 2024 03:19

Tgt Ion:146 Resp: 381272
Ion Ratio Lower Upper
146 100
111 43.6 30.7 56.9
148 66.0 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 25.366 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

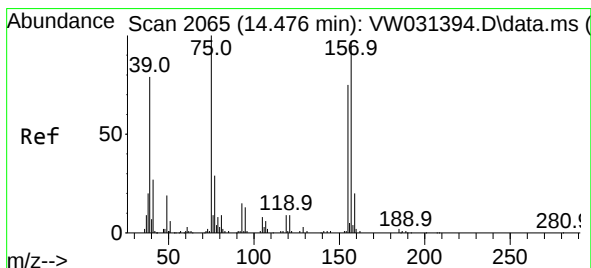
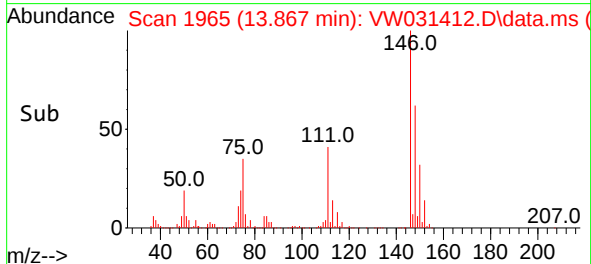
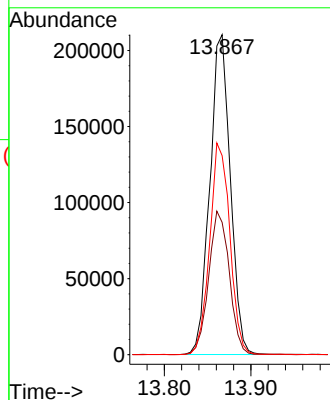
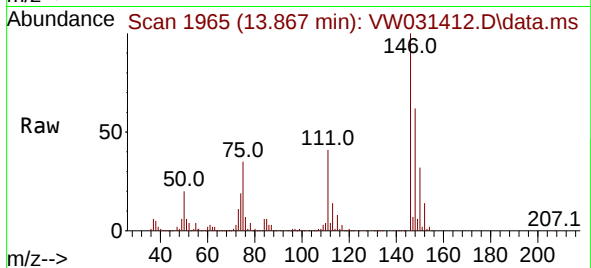
Tgt Ion:146 Resp: 345143

Ion Ratio Lower Upper

146 100

111 41.4 38.6 58.0

148 62.2 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.095 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

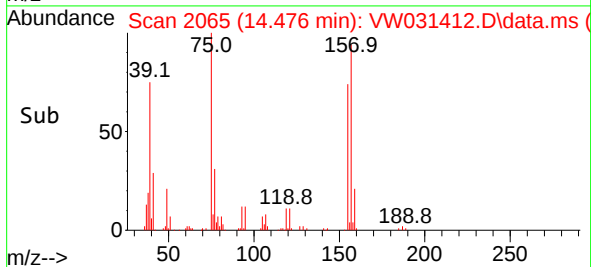
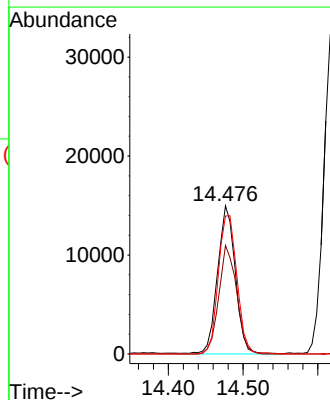
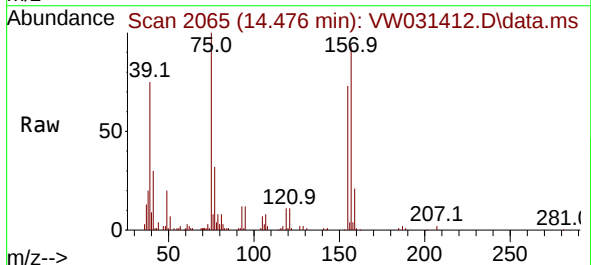
Tgt Ion: 75 Resp: 24920

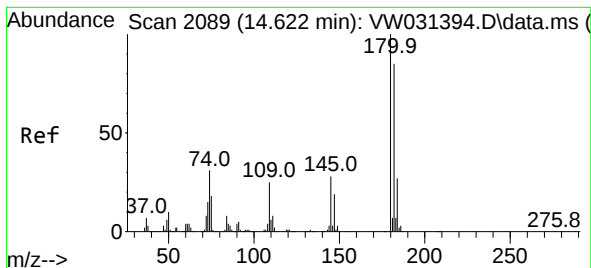
Ion Ratio Lower Upper

75 100

155 73.2 56.6 85.0

157 93.0 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 23.463 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

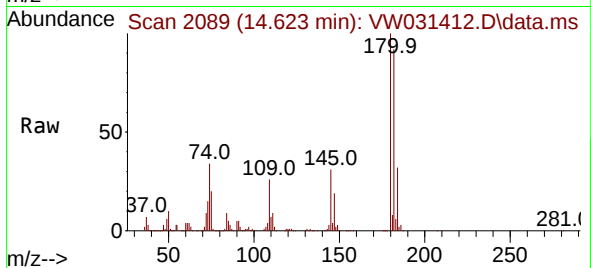
Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 259490

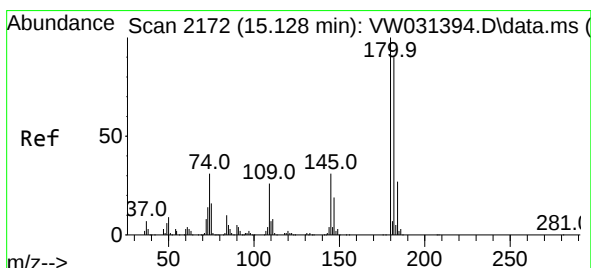
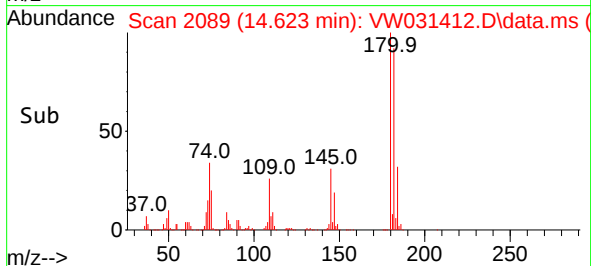
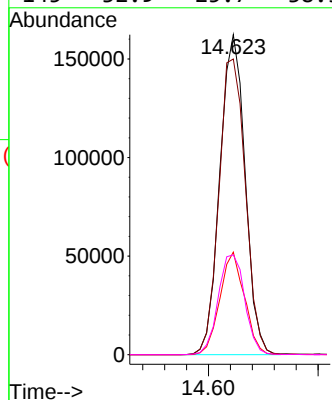
Ion Ratio Lower Upper

180 100

182 97.0 75.0 112.4

184 31.3 24.6 36.8

145 32.9 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.869 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

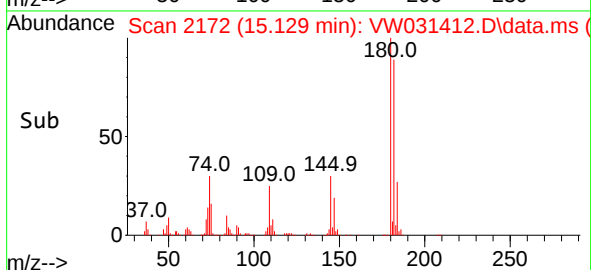
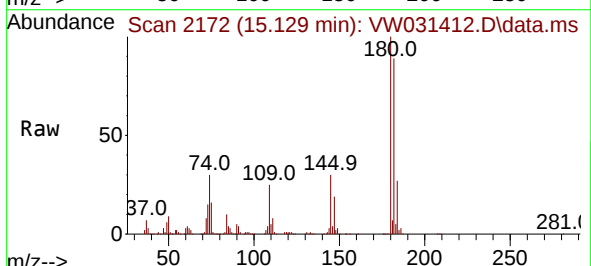
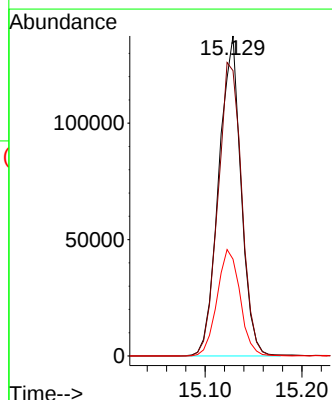
Tgt Ion:180 Resp: 219591

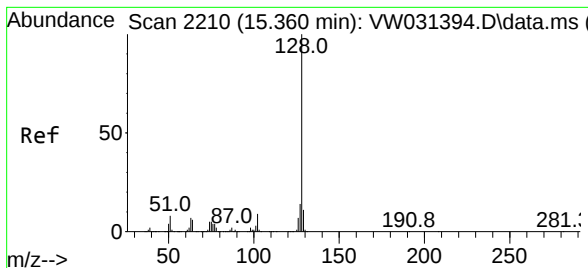
Ion Ratio Lower Upper

180 100

182 97.6 78.2 117.2

145 34.4 26.7 40.1





#71

Naphthalene

Concen: 28.041 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

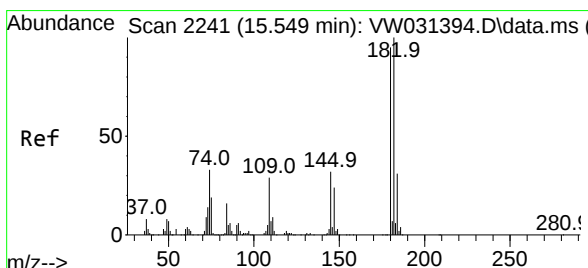
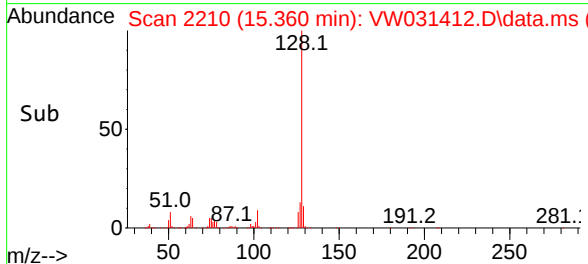
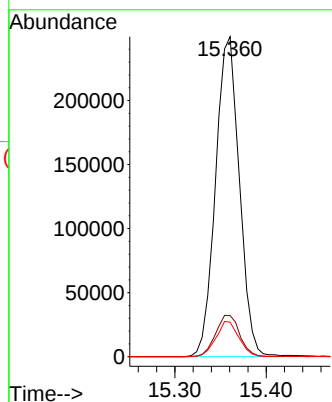
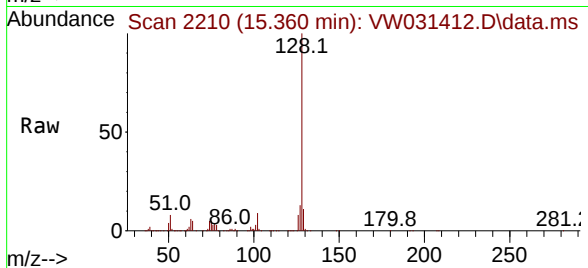
Tgt Ion:128 Resp: 452292

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.652 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031412.D

Acq: 20 Dec 2024 03:19

Tgt Ion:180 Resp: 204970

Ion Ratio Lower Upper

180 100

182 93.2 75.0 112.4

145 32.9 27.8 41.6

