

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030890.D
 Acq On : 01 Nov 2024 16:59
 Operator : SY/MD
 Sample : P4603-03MSD
 Misc : 6.93g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC8MSD

Quant Time: Nov 04 00:55:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	630964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	558094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	261561	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	181181	18.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.080%
7) Chloroethane-d5	2.893	69	162446	21.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.560%
11) 1,1-Dichloroethene-d2	4.015	65	79737	19.330	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.320%
21) 2-Butanone-d5	7.075	46	60208	33.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.460%
24) Chloroform-d	7.648	84	398035	22.059	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.240%
26) 1,2-Dichloroethane-d4	8.307	65	196076	20.897	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	8.270	84	741949	22.906	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.640%
36) 1,2-Dichloropropane-d6	9.270	67	219714	23.110	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.440%
41) Toluene-d8	10.325	98	653352	22.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	10.574	79	82349	20.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.760%
47) 2-Hexanone-d5	10.922	63	50617	41.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	147440	21.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	195190	22.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.240%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.009	85	132723	16.464	ug/L	96
3) Chloromethane	2.222	50	157072	16.764	ug/L	96
5) Vinyl chloride	2.369	62	182202	15.813	ug/L	100
6) Bromomethane	2.789	94	116240	15.327	ug/L	95
8) Chloroethane	2.930	64	113329	16.090	ug/L	100
9) Trichlorofluoromethane	3.265	101	166038	16.105	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	149688	16.138	ug/L	97
12) 1,1-Dichloroethene	4.045	96	137609	16.256	ug/L	95
13) Acetone	4.118	43	57330	21.940	ug/L	96
14) Carbon disulfide	4.387	76	424957	15.373	ug/L	98
15) Methyl Acetate	4.667	43	43021	13.328	ug/L	98
16) Methylene chloride	4.923	84	142810	14.971	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	147741	16.174	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	208092	16.277	ug/L	98
19) 1,1-Dichloroethane	6.216	63	281422	16.576	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	160271	16.450	ug/L	99
22) 2-Butanone	7.173	43	66933	23.763	ug/L	98
23) Bromochloromethane	7.514	128	68208	16.002	ug/L	92
25) Chloroform	7.673	83	295827	16.306	ug/L	98

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 Response via : Initial Calibration

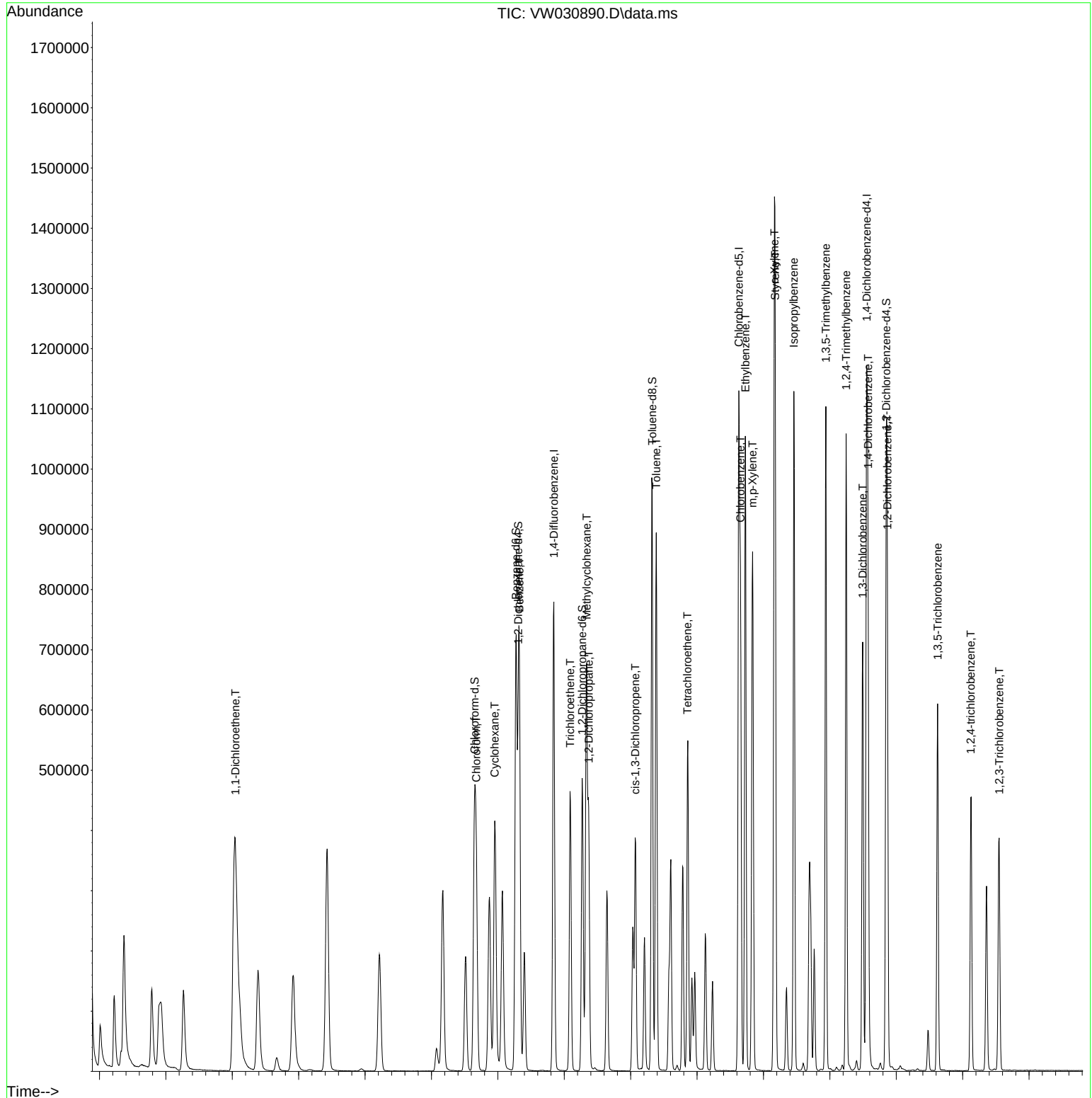
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	179857	15.027	ug/L	99
29) Cyclohexane	7.953	56	236847	17.434	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	241486	16.300	ug/L	98
31) Carbon tetrachloride	8.063	117	215807	16.309	ug/L	99
33) Benzene	8.325	78	623896	17.179	ug/L	100
34) Trichloroethene	9.087	95	163367	16.169	ug/L	96
35) Methylcyclohexane	9.337	83	266389	16.753	ug/L	99
37) 1,2-Dichloropropane	9.367	63	156828	17.290	ug/L	100
38) Bromodichloromethane	9.642	83	204337	16.932	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	231670	16.933	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	139591	32.034	ug/L	99
42) Toluene	10.386	91	654128	16.882	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	188917	16.432	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	106003	16.170	ug/L	97
46) Tetrachloroethene	10.855	164	122440	16.430	ug/L	98
48) 2-Hexanone	10.965	43	101880	28.589	ug/L	98
49) Dibromochloromethane	11.129	129	120043	16.411	ug/L	92
50) 1,2-Dibromoethane	11.233	107	96641	15.799	ug/L	97
51) Chlorobenzene	11.654	112	399856	16.031	ug/L	97
52) Ethylbenzene	11.727	91	723555	16.366	ug/L	96
53) m,p-Xylene	11.836	106	267827	16.170	ug/L	90
54) o-Xylene	12.166	106	252596	16.495	ug/L	93
55) Styrene	12.178	104	437252	16.703	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	115526	15.627	ug/L	95
59) Bromoform	12.349	173	60463	16.453	ug/L	98
60) Isopropylbenzene	12.458	105	688960	17.009	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	83236	16.354	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	547520	17.133	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	541923	17.320	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	285520	16.194	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	287973	15.818	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	258774	16.679	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	18017	15.876	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	178596	15.361	ug/L	91
70) 1,2,4-trichlorobenzene	15.122	180	143793	15.363	ug/L	99
71) Naphthalene	15.360	128	256149	15.840	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	130169	16.042	ug/L	98

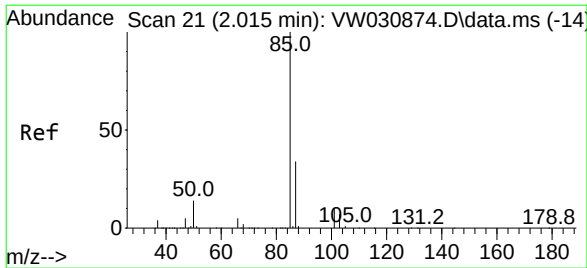
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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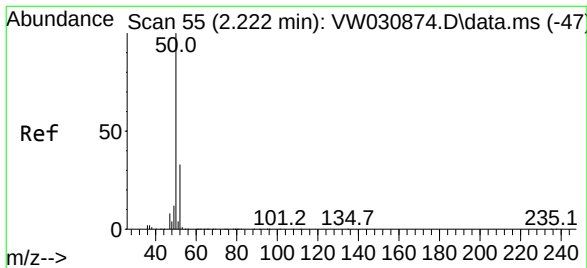
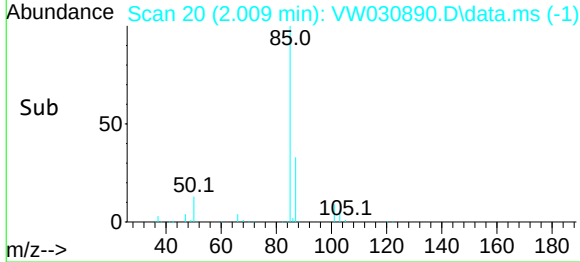
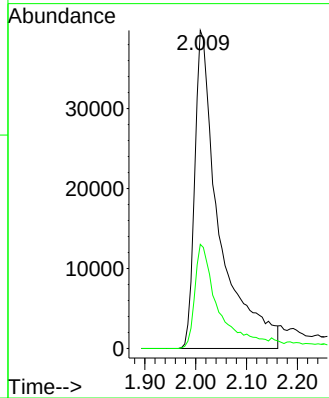
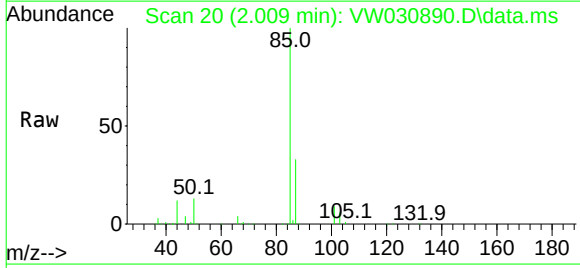




#2
 Dichlorodifluoromethane
 Concen: 16.464 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

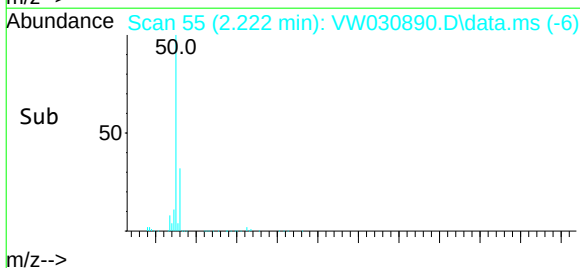
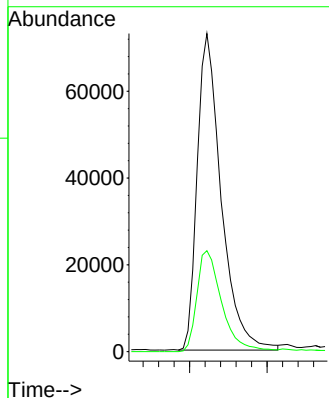
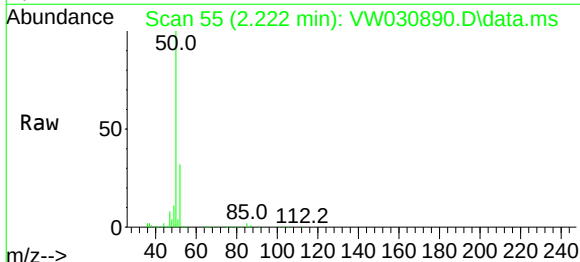
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC8MSD

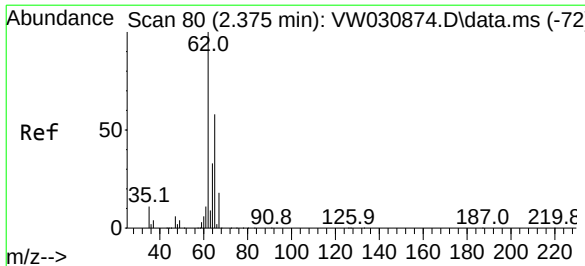
Tgt Ion: 85 Resp: 132723
 Ion Ratio Lower Upper
 85 100
 87 31.6 23.8 35.6



#3
 Chloromethane
 Concen: 16.764 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

Tgt Ion: 50 Resp: 157072
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.7 43.9

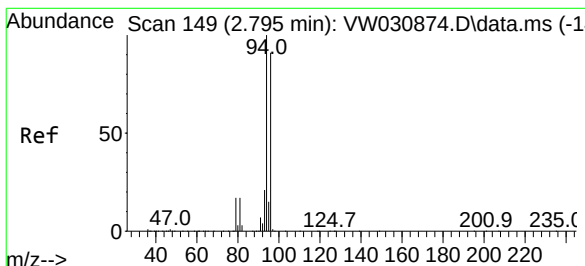
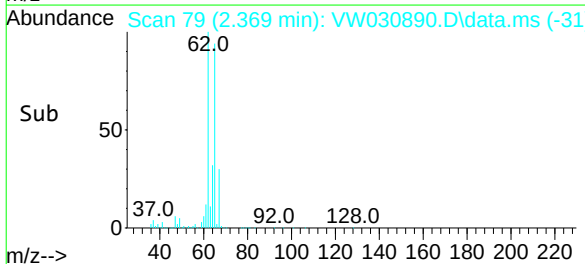
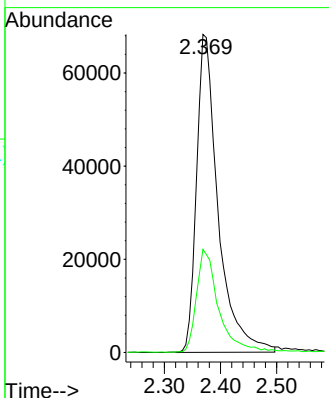
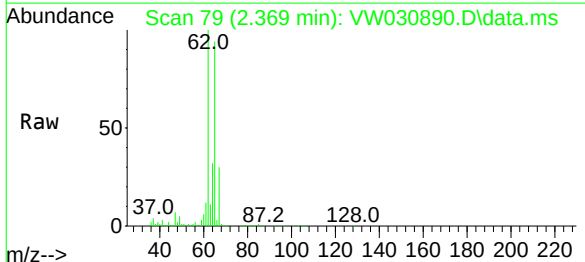




#5
 Vinyl chloride
 Concen: 15.813 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

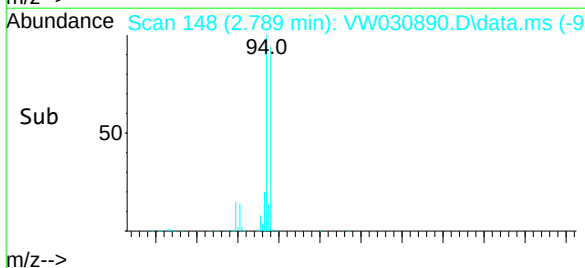
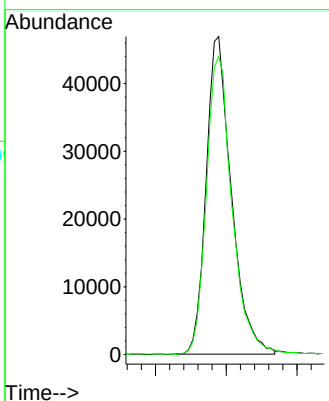
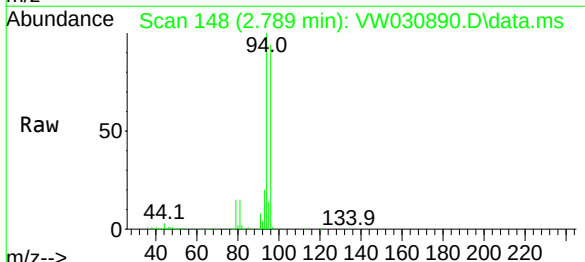
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC8MSD

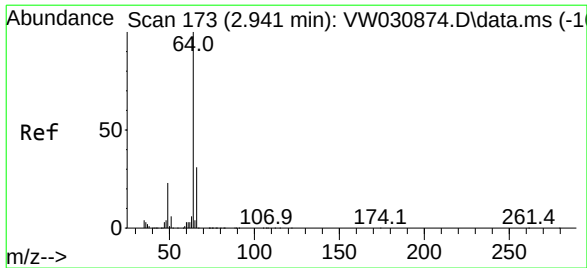
Tgt Ion: 62 Resp: 182202
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.6 42.0



#6
 Bromomethane
 Concen: 15.327 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

Tgt Ion: 94 Resp: 116240
 Ion Ratio Lower Upper
 94 100
 96 93.8 62.6 116.2

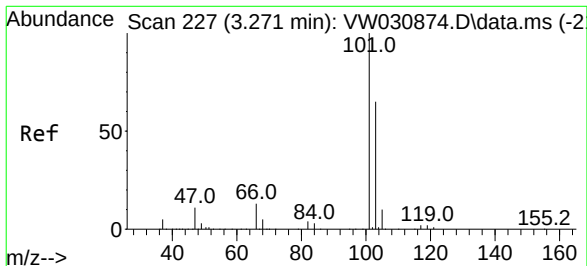
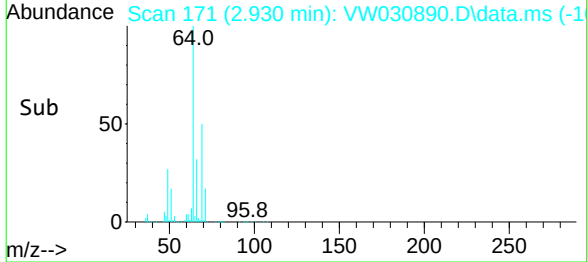
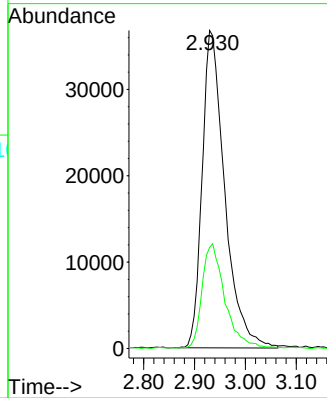
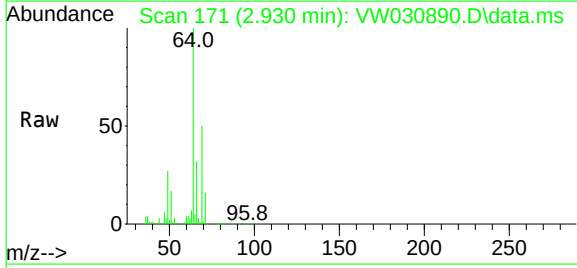




#8
Chloroethane
Concen: 16.090 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

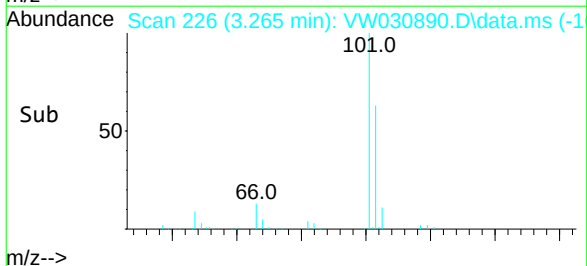
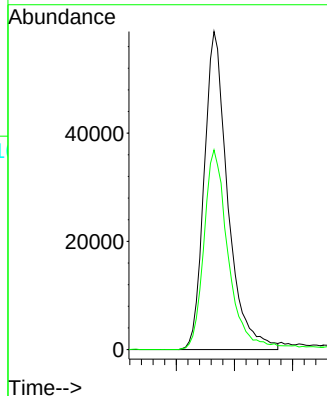
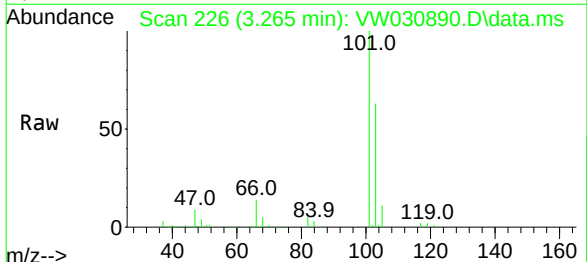
Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

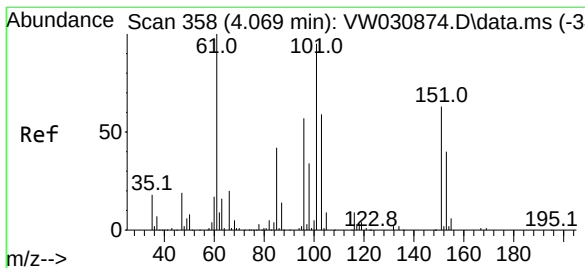
Tgt Ion: 64 Resp: 113329
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 16.105 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion: 101 Resp: 166038
Ion Ratio Lower Upper
101 100
103 63.7 51.1 76.7





#10

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

Concen: 16.138 ug/L

RT: 4.070 min Scan# 35

Delta R.T. 0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

A4EC8MSD

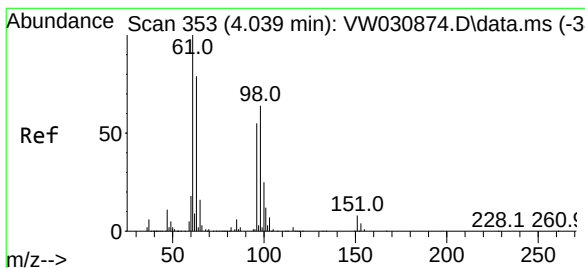
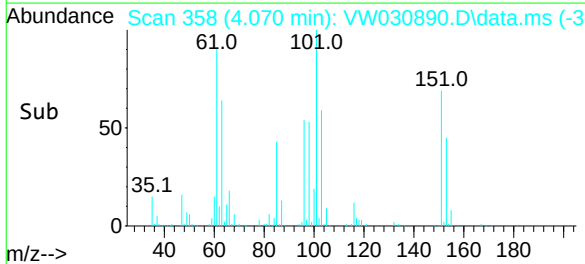
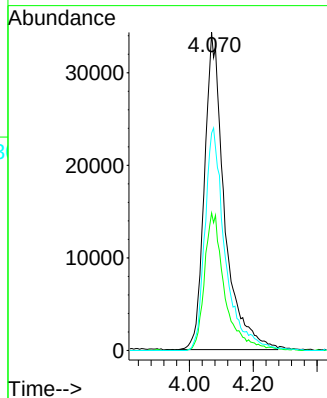
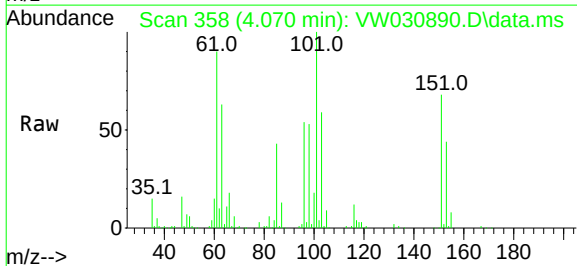
Tgt Ion:101 Resp: 149688

Ion Ratio Lower Upper

101 100

85 43.2 35.7 53.5

151 66.9 56.1 84.1



#12

1,1-Dichloroethene

Concen: 16.256 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

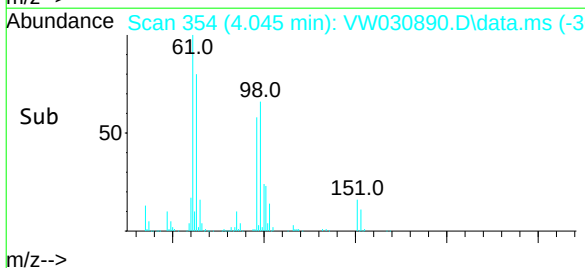
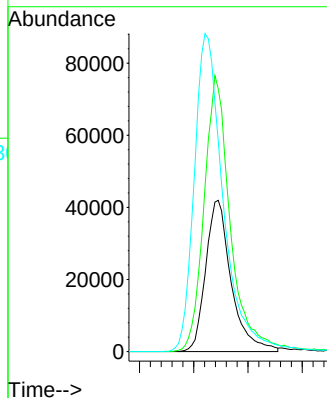
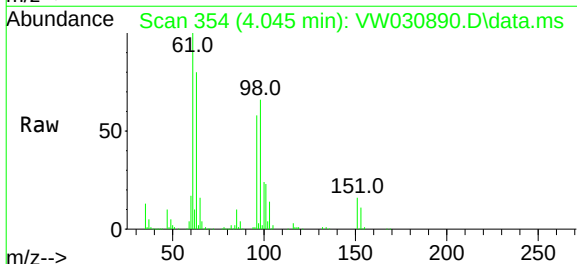
Tgt Ion: 96 Resp: 137609

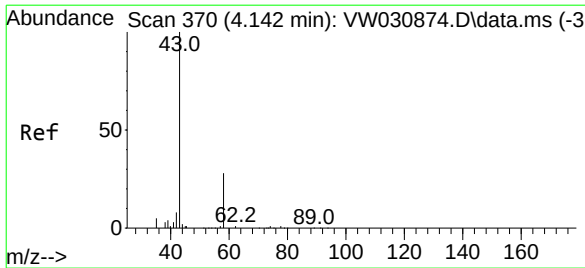
Ion Ratio Lower Upper

96 100

61 173.7 121.3 225.3

63 139.4 87.6 162.8





#13

Acetone

Concen: 21.940 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

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ClientSampleId :

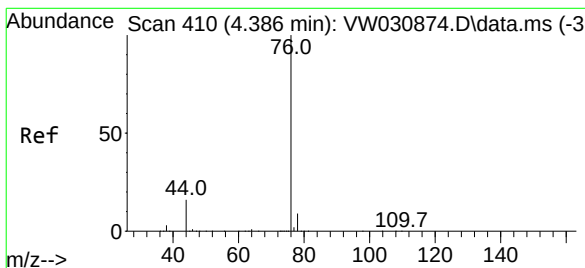
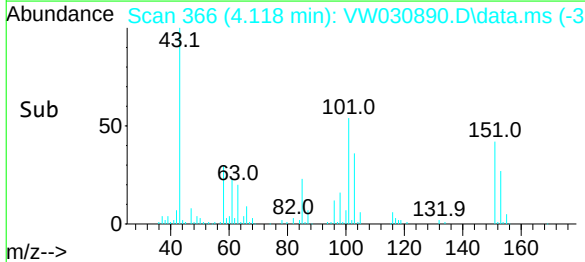
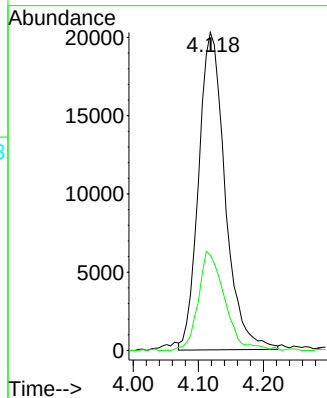
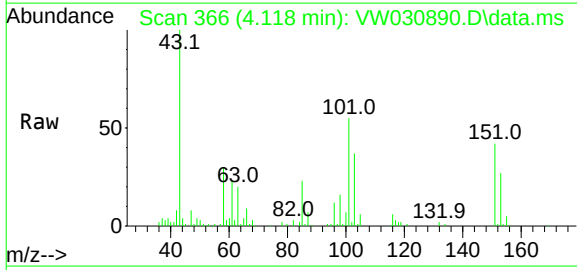
A4EC8MSD

Tgt Ion: 43 Resp: 57330

Ion Ratio Lower Upper

43 100

58 30.9 0.0 57.6



#14

Carbon disulfide

Concen: 15.373 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

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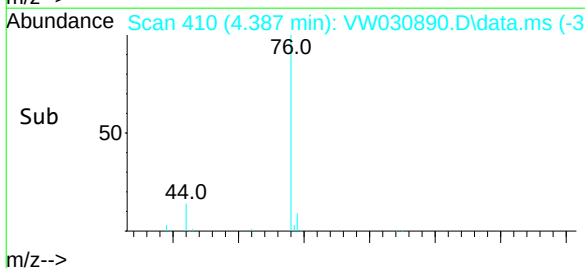
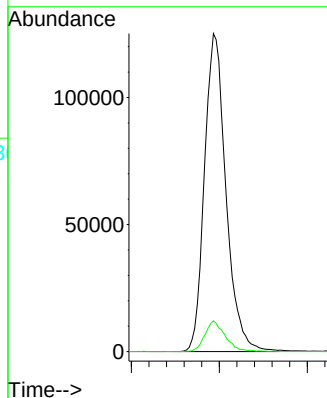
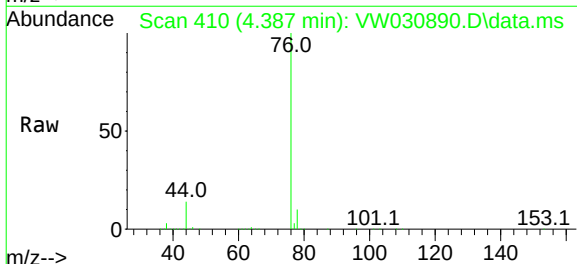
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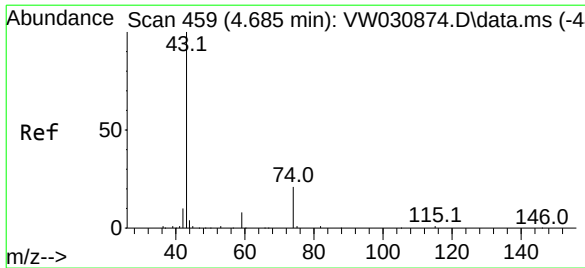
Tgt Ion: 76 Resp: 424957

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7





#15

Methyl Acetate

Concen: 13.328 ug/L

RT: 4.667 min Scan# 459

Delta R.T. 0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

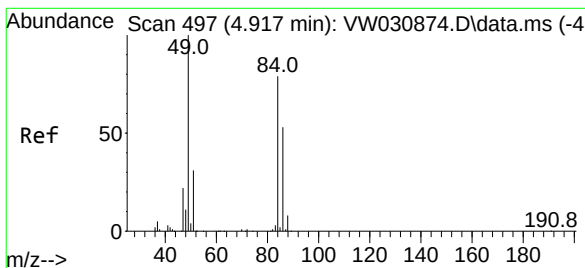
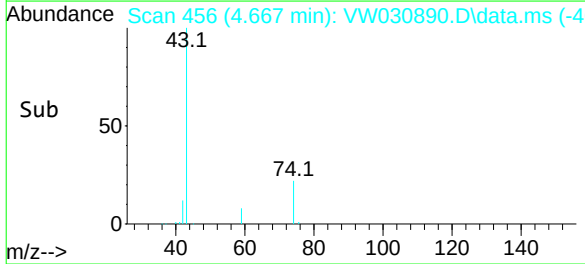
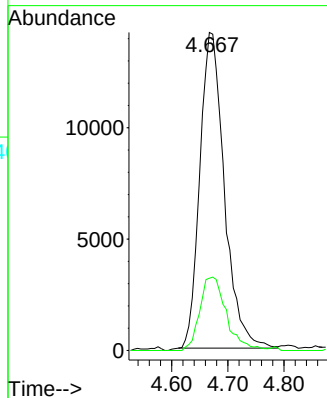
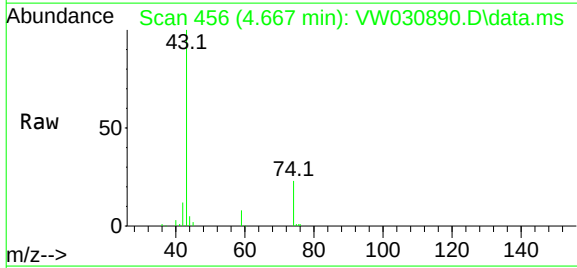
A4EC8MSD

Tgt Ion: 43 Resp: 43021

Ion Ratio Lower Upper

43 100

74 24.9 19.3 28.9



#16

Methylene chloride

Concen: 14.971 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

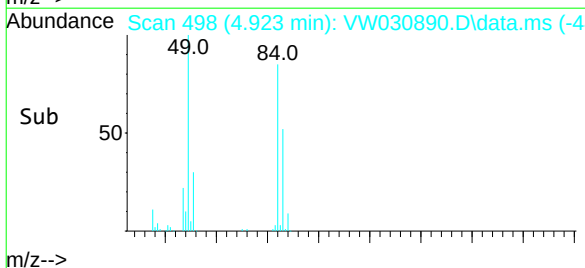
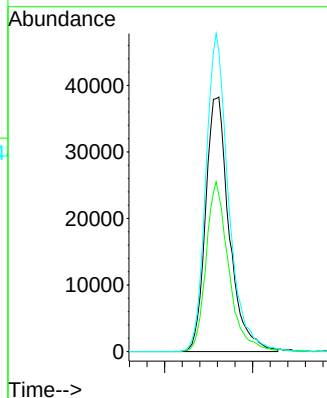
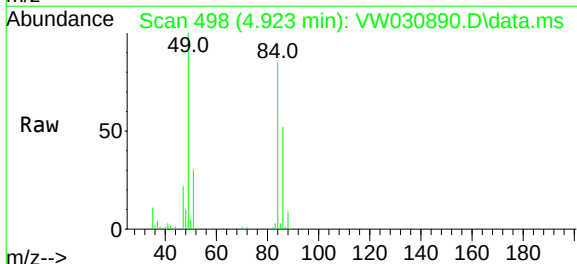
Tgt Ion: 84 Resp: 142810

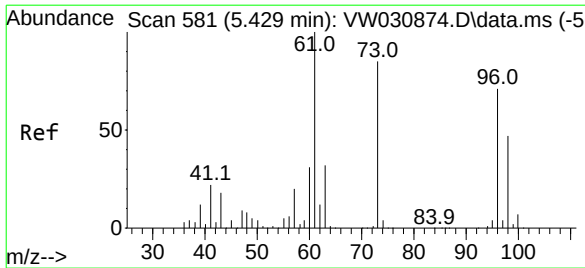
Ion Ratio Lower Upper

84 100

86 61.4 43.8 81.3

49 118.2 88.3 164.1

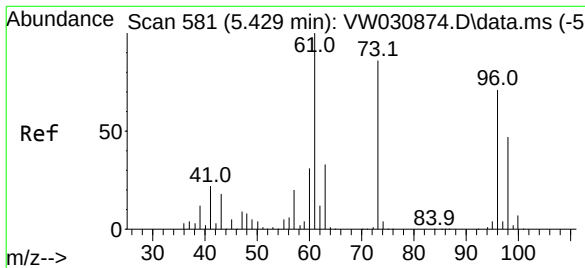
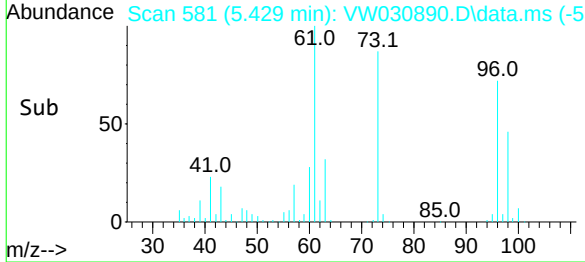
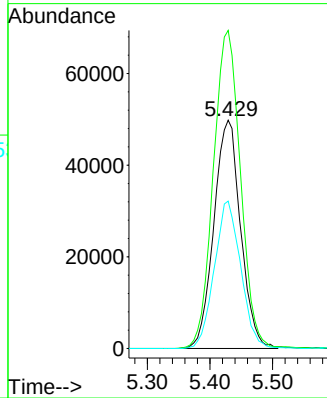
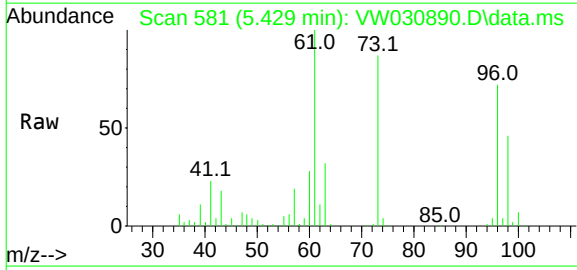




#17
trans-1,2-Dichloroethene
Concen: 16.174 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

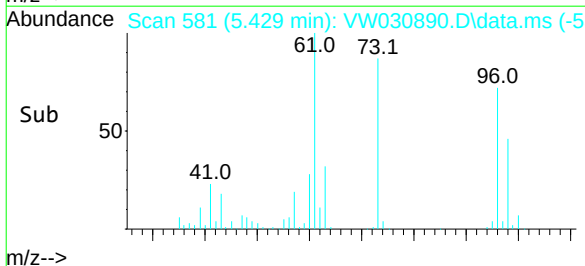
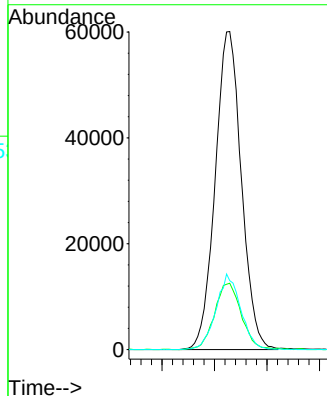
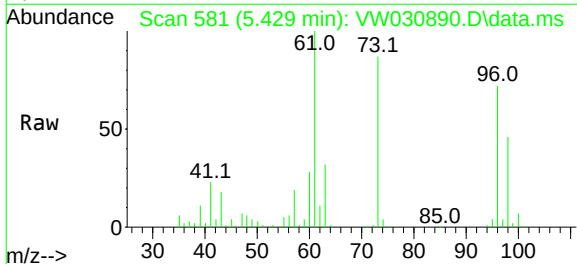
Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

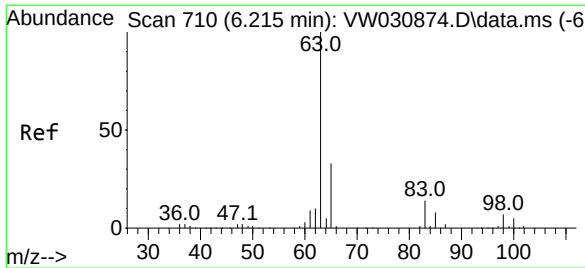
Tgt Ion:	96	Resp:	147741
Ion	Ratio	Lower	Upper
96	100		
61	139.3	96.9	179.9
98	64.5	42.2	78.4



#18
Methyl tert-butyl Ether
Concen: 16.277 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion:	73	Resp:	208092
Ion	Ratio	Lower	Upper
73	100		
43	21.3	18.1	27.1
57	22.4	17.7	26.5





#19

1,1-Dichloroethane

Concen: 16.576 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

A4EC8MSD

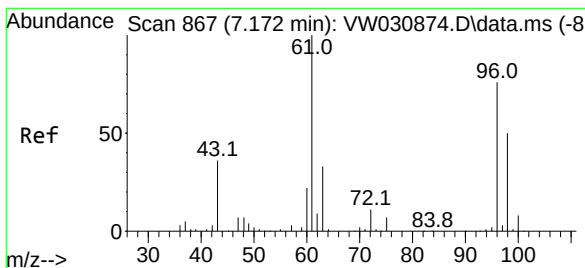
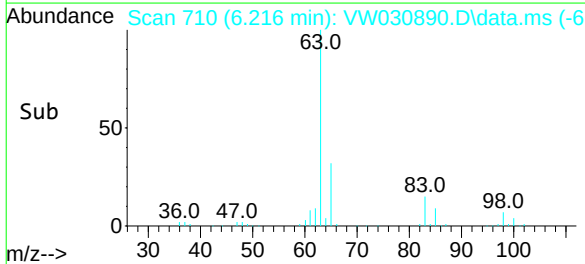
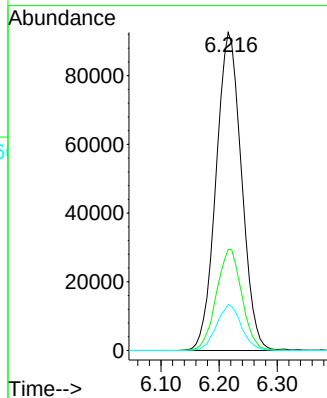
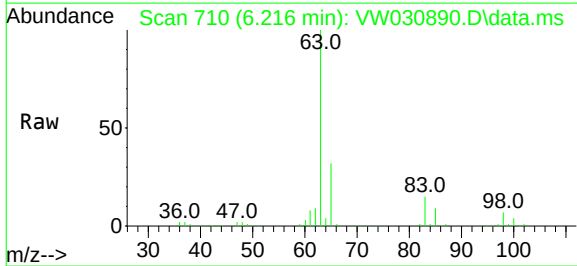
Tgt Ion: 63 Resp: 281422

Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.9

83 14.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 16.450 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

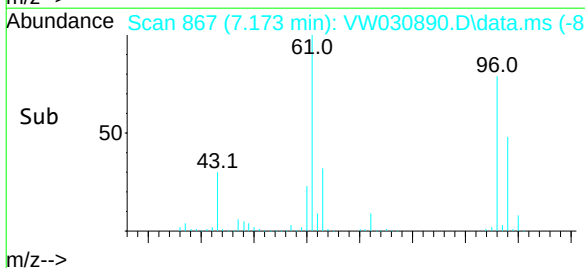
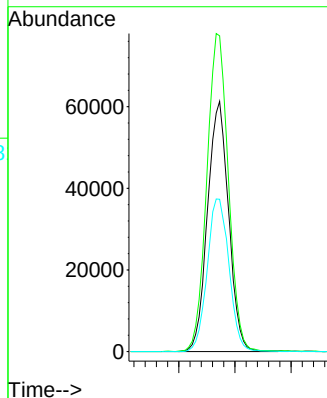
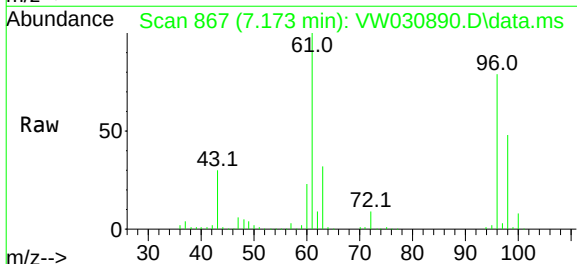
Tgt Ion: 96 Resp: 160271

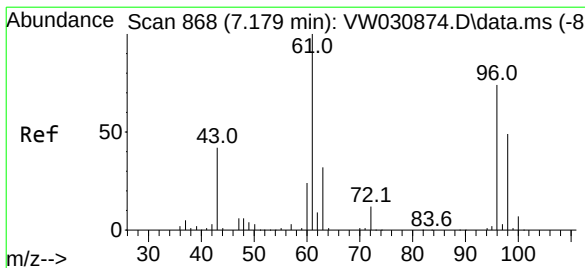
Ion Ratio Lower Upper

96 100

61 126.2 88.3 163.9

98 60.9 41.3 76.7





#22

2-Butanone

Concen: 23.763 ug/L

RT: 7.173 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

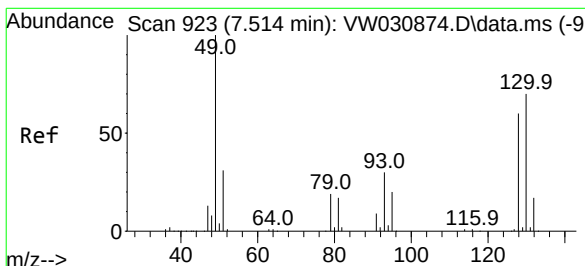
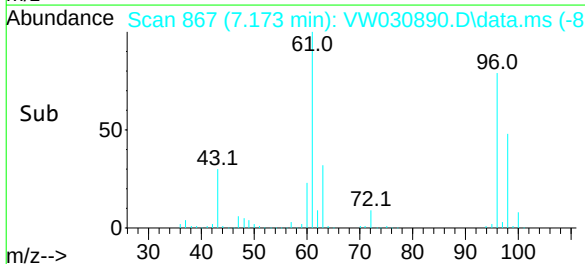
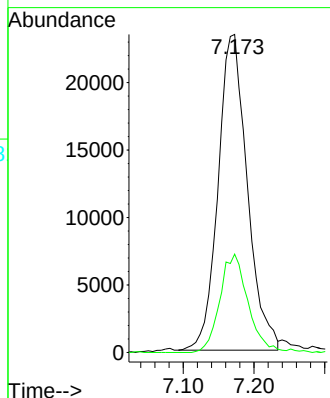
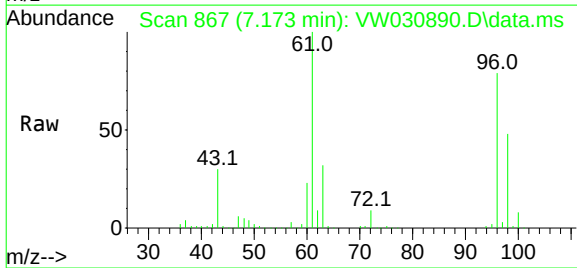
A4EC8MSD

Tgt Ion: 43 Resp: 66933

Ion Ratio Lower Upper

43 100

72 30.0 14.4 43.0



#23

Bromochloromethane

Concen: 16.002 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Tgt Ion: 128 Resp: 68208

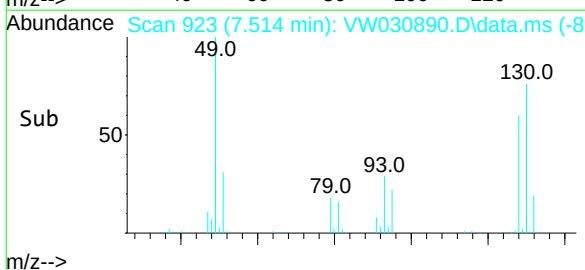
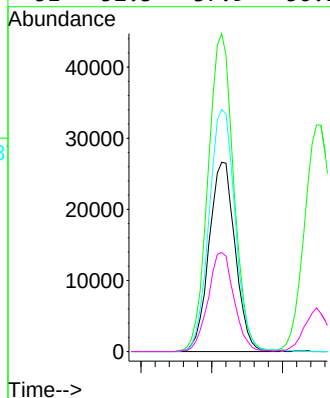
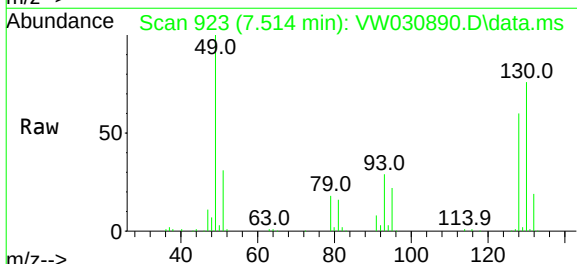
Ion Ratio Lower Upper

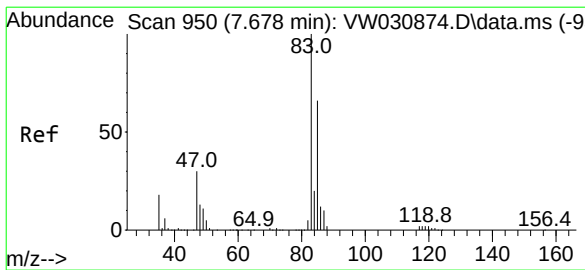
128 100

49 168.0 110.1 204.5

130 127.9 82.9 153.9

51 52.3 37.9 56.9





#25

Chloroform

Concen: 16.306 ug/L

RT: 7.673 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

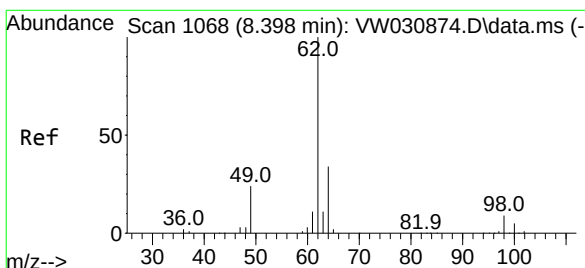
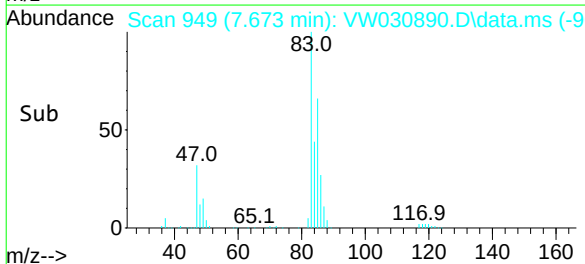
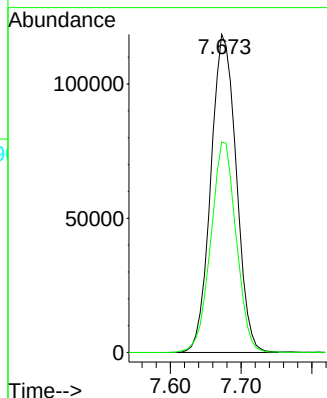
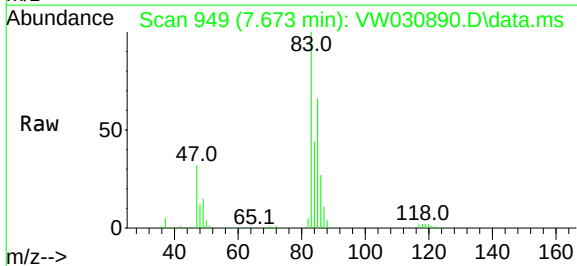
A4EC8MSD

Tgt Ion: 83 Resp: 295827

Ion Ratio Lower Upper

83 100

85 66.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 15.027 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030890.D

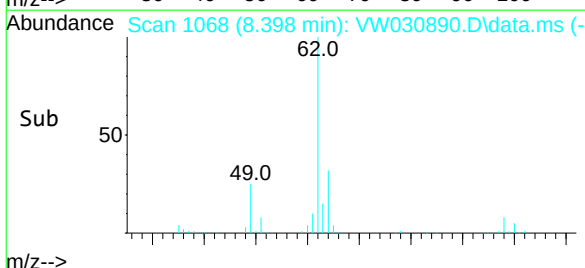
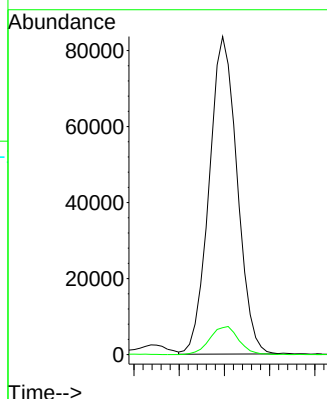
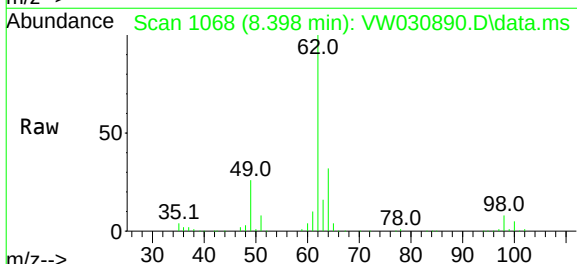
Acq: 01 Nov 2024 16:59

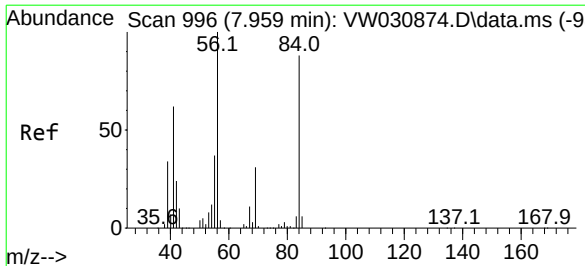
Tgt Ion: 62 Resp: 179857

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 17.434 ug/L

RT: 7.953 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

A4EC8MSD

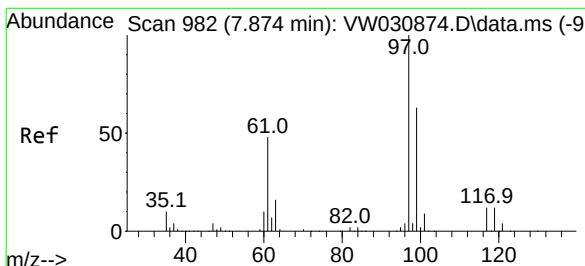
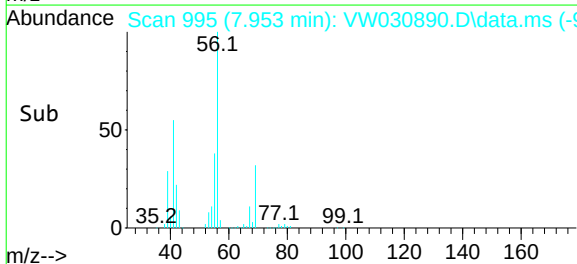
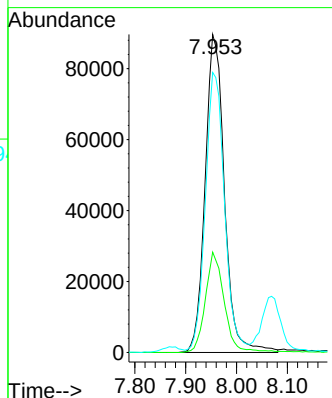
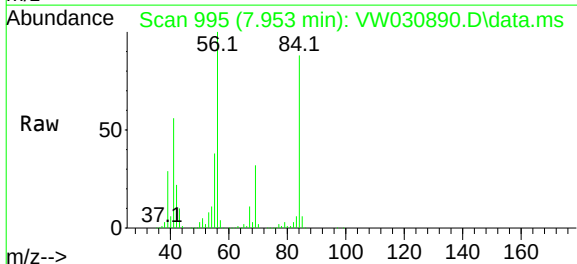
Tgt Ion: 56 Resp: 236847

Ion Ratio Lower Upper

56 100

69 30.4 25.4 38.0

84 87.1 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 16.300 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

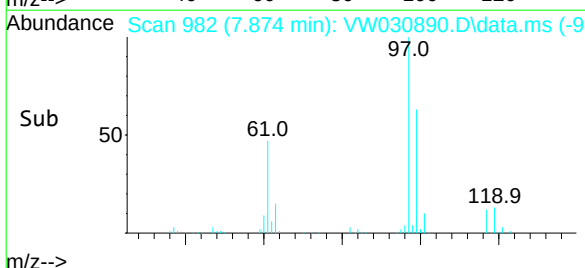
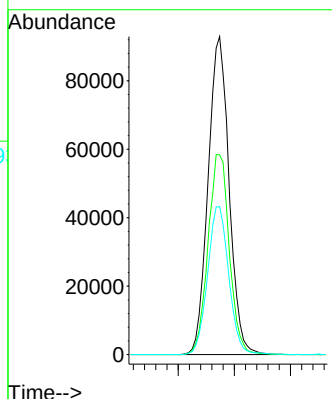
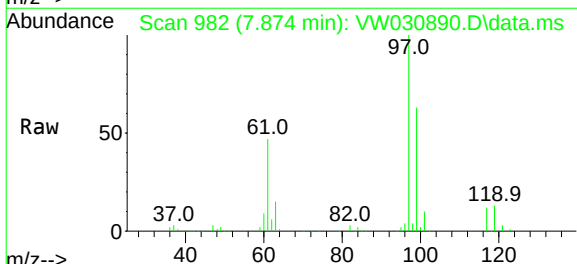
Tgt Ion: 97 Resp: 241486

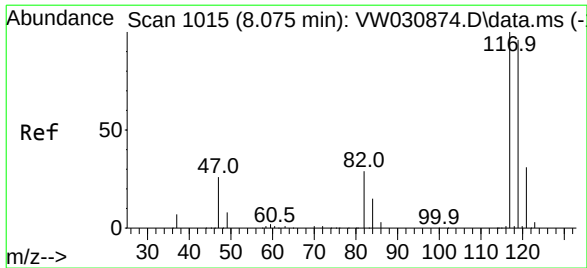
Ion Ratio Lower Upper

97 100

99 63.7 52.3 78.5

61 46.9 38.5 57.7





#31

Carbon tetrachloride

Concen: 16.309 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

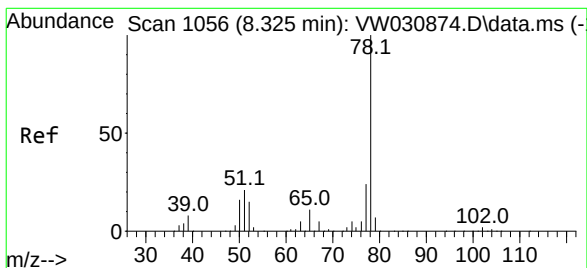
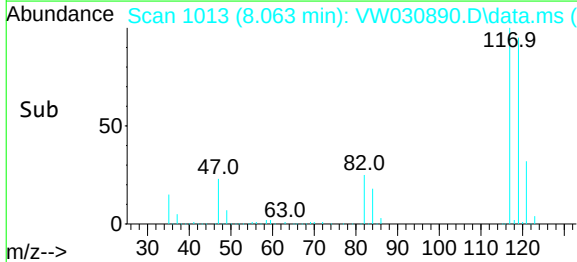
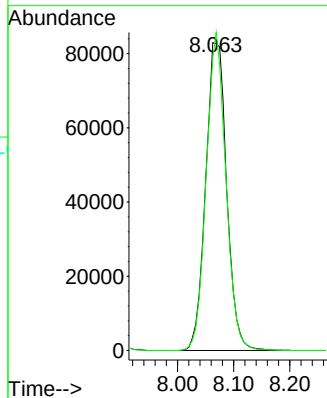
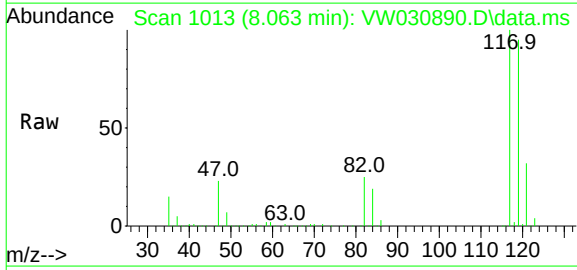
A4EC8MSD

Tgt Ion:117 Resp: 215807

Ion Ratio Lower Upper

117 100

119 96.6 77.8 116.8



#33

Benzene

Concen: 17.179 ug/L

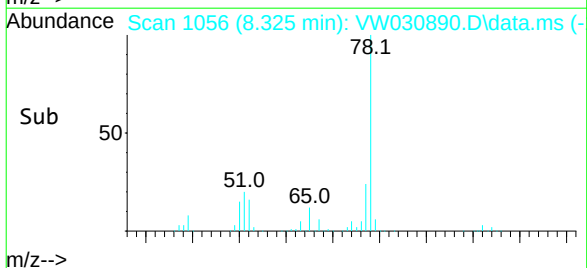
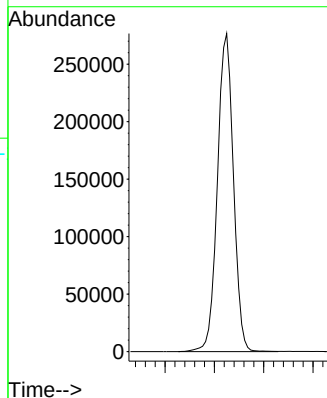
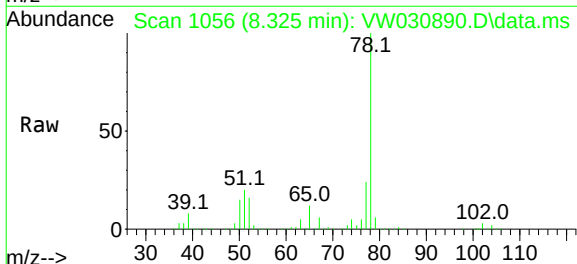
RT: 8.325 min Scan# 1056

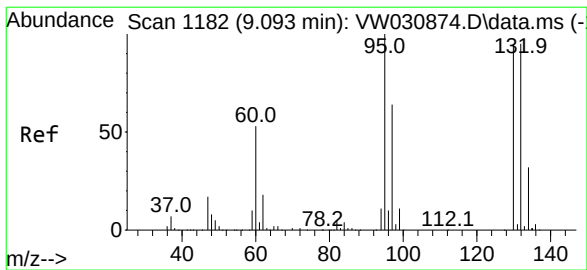
Delta R.T. 0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Tgt Ion: 78 Resp: 623896





#34

Trichloroethene

Concen: 16.169 ug/L

RT: 9.087 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030890.D

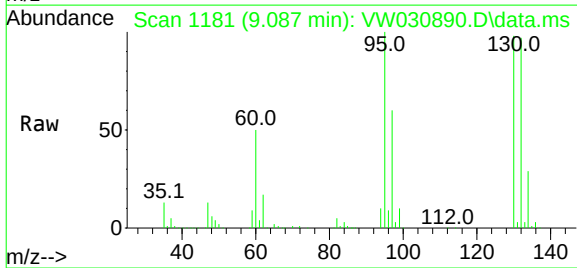
Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

A4EC8MSD



Tgt Ion: 95 Resp: 163367

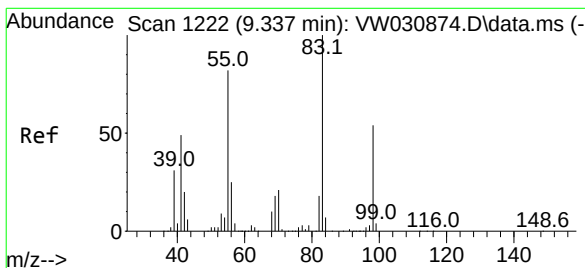
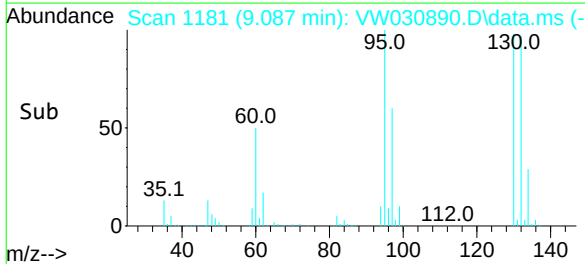
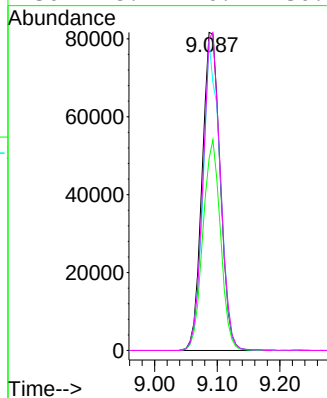
Ion Ratio Lower Upper

95 100

97 60.3 45.9 85.3

132 97.3 66.4 123.2

130 98.1 70.4 130.8



#35

Methylcyclohexane

Concen: 16.753 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

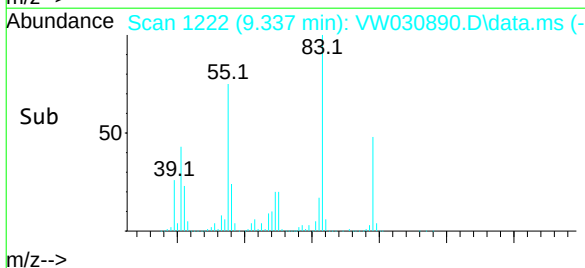
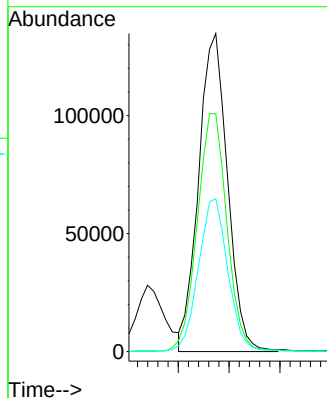
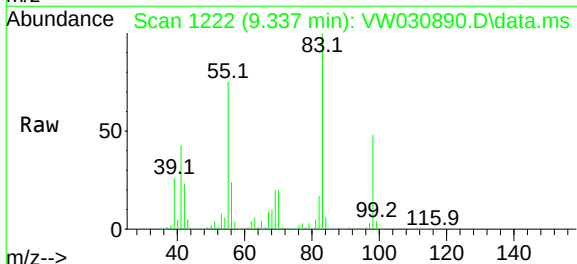
Tgt Ion: 83 Resp: 266389

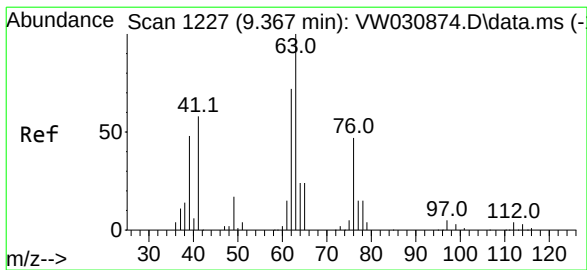
Ion Ratio Lower Upper

83 100

55 77.0 61.8 92.8

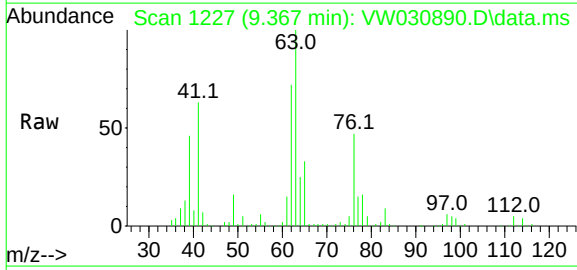
98 48.5 39.3 58.9



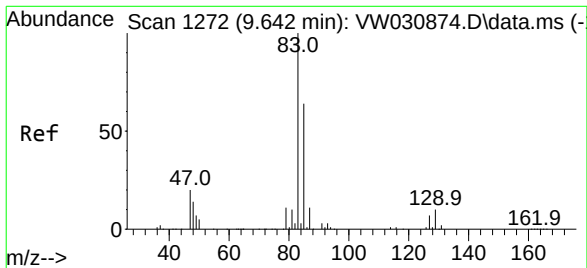
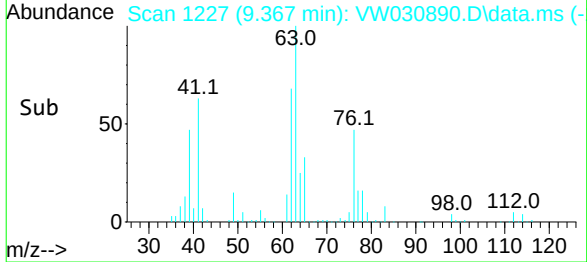
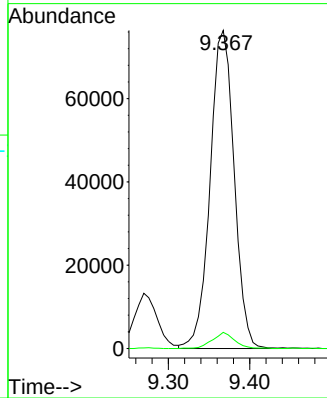


#37
1,2-Dichloropropane
Concen: 17.290 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

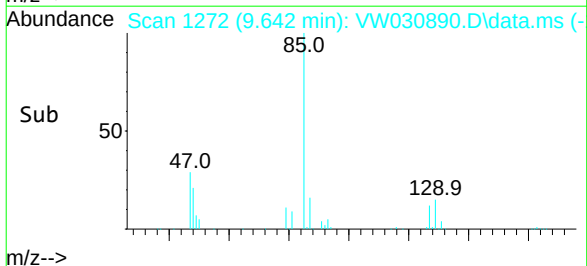
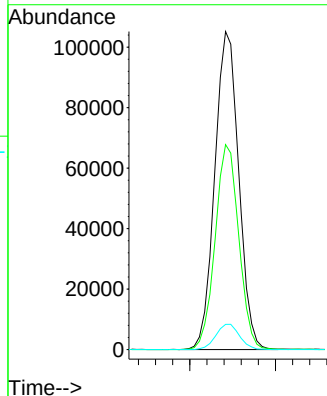
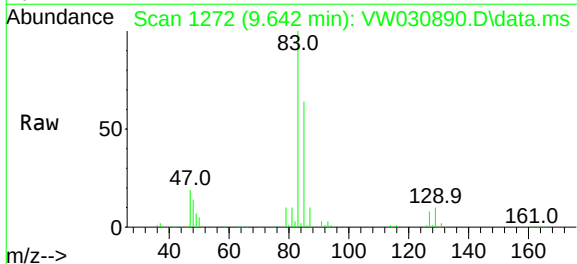


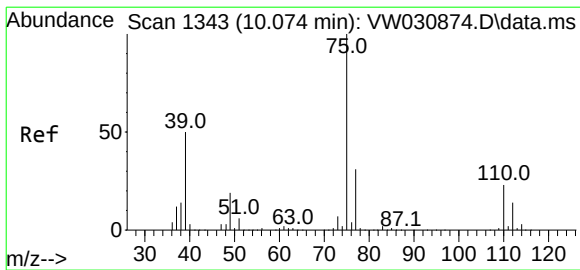
Tgt Ion: 63 Resp: 156828
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 16.932 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion: 83 Resp: 204337
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.0
127 7.9 6.2 9.4

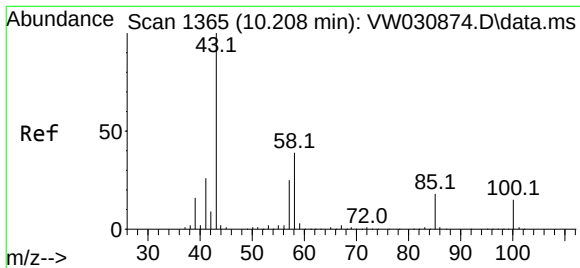
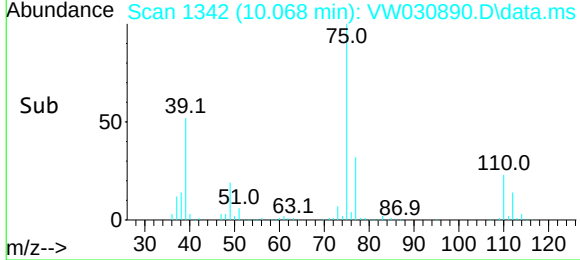
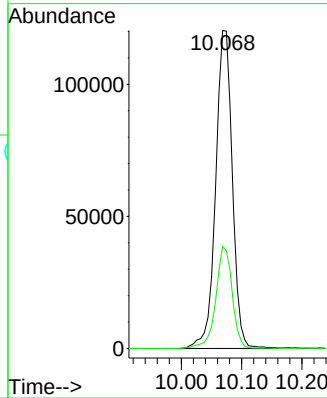
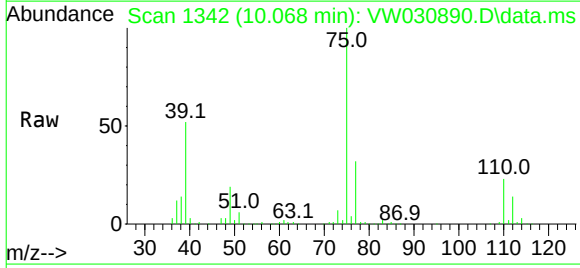




#39
 cis-1,3-Dichloropropene
 Concen: 16.933 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

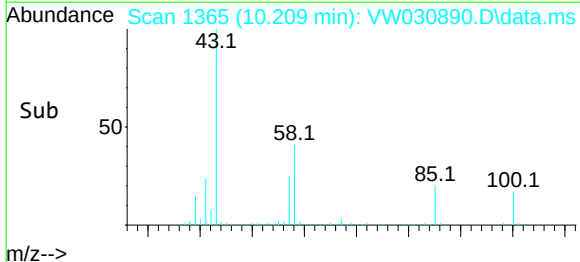
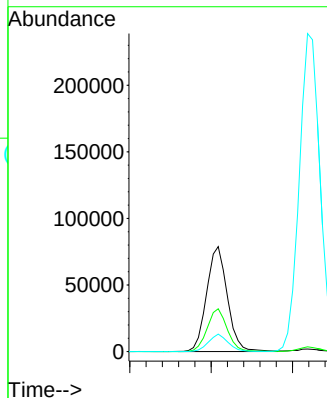
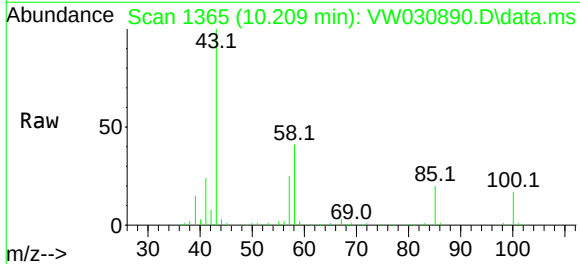
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC8MSD

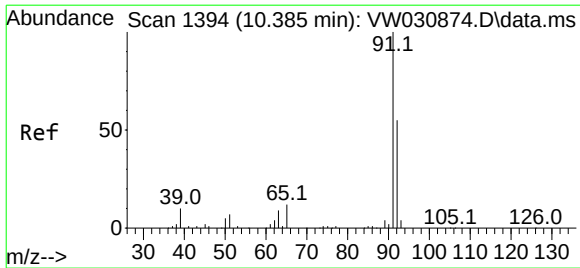
Tgt Ion: 75 Resp: 231670
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 32.034 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

Tgt Ion: 43 Resp: 139591
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.4 47.2
 100 15.8 13.1 19.7





#42

Toluene

Concen: 16.882 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

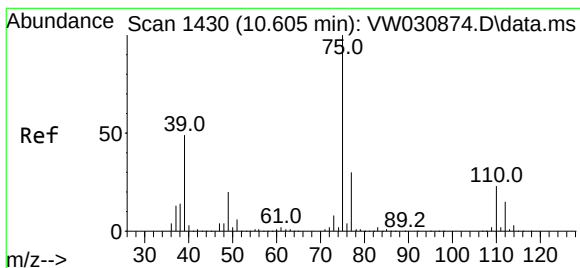
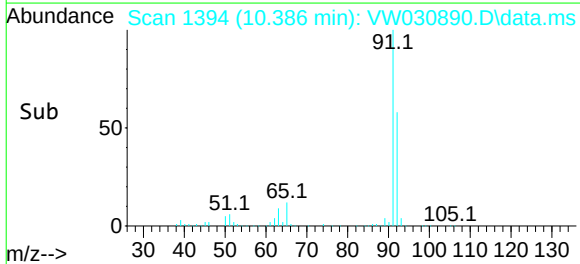
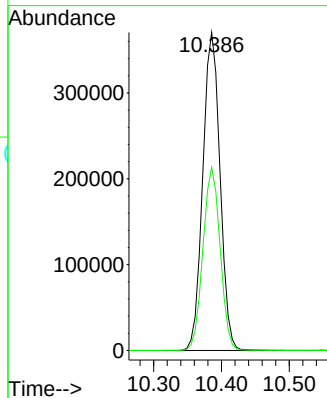
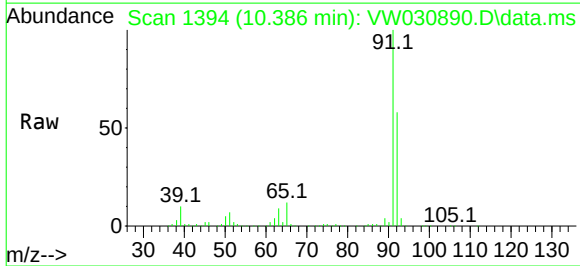
A4EC8MSD

Tgt Ion: 91 Resp: 654128

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 16.432 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030890.D

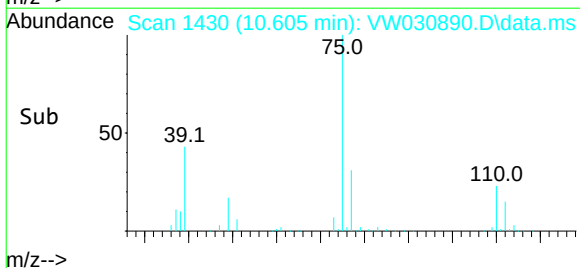
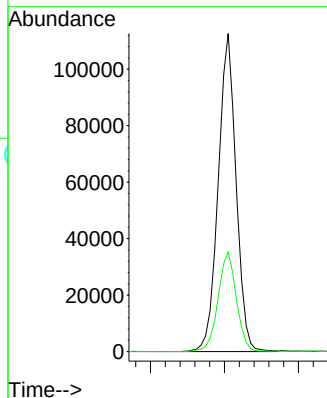
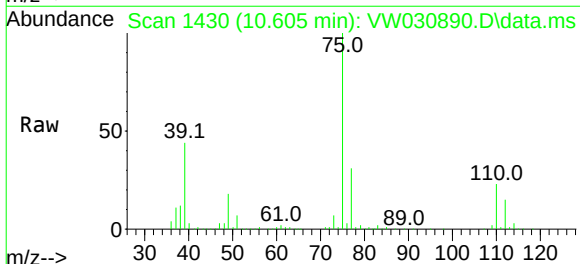
Acq: 01 Nov 2024 16:59

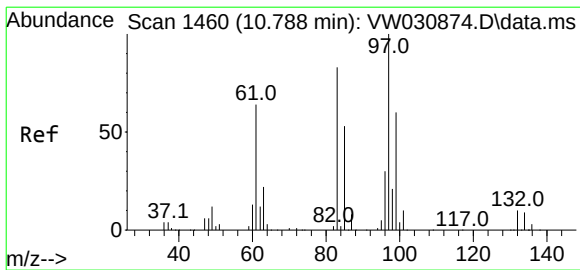
Tgt Ion: 75 Resp: 188917

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2

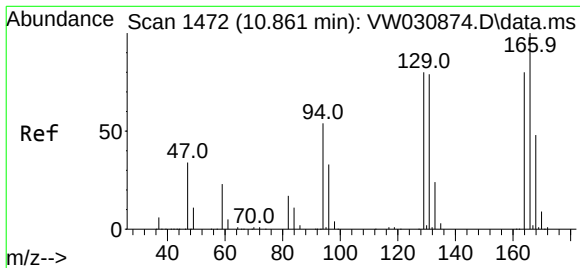
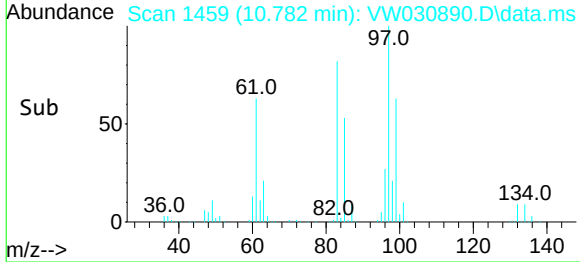
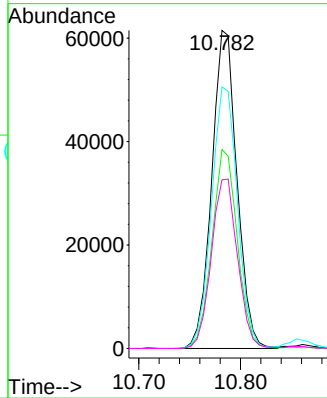
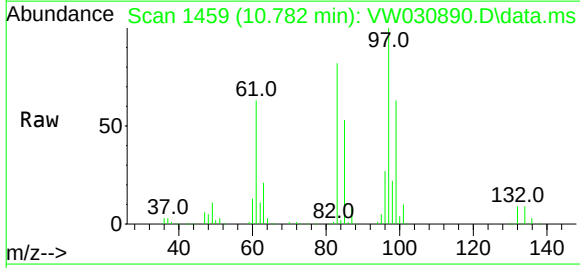




#45
1,1,2-Trichloroethane
Concen: 16.170 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

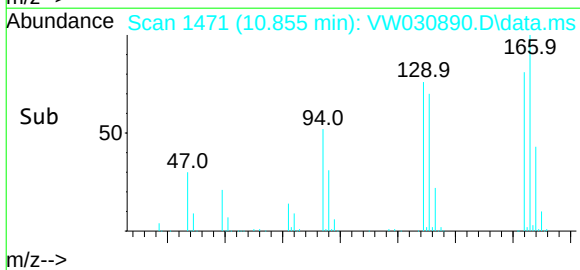
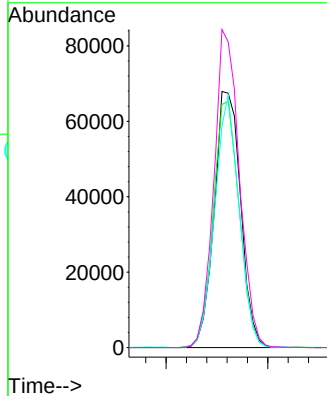
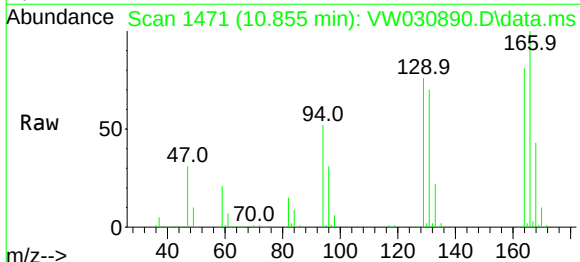
Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

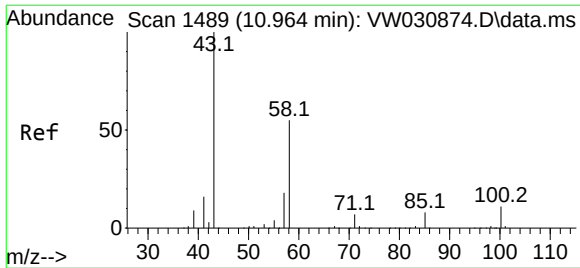
Tgt Ion:	97	Resp:	106003
Ion	Ratio	Lower	Upper
97	100		
99	62.6	41.2	76.6
83	82.3	59.6	110.6
85	53.1	37.7	69.9



#46
Tetrachloroethene
Concen: 16.430 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion:	164	Resp:	122440
Ion	Ratio	Lower	Upper
164	100		
129	95.0	66.6	123.6
131	86.5	63.7	118.3
166	124.2	88.7	164.7





#48

2-Hexanone

Concen: 28.589 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

A4EC8MSD

Tgt Ion: 43 Resp: 101880

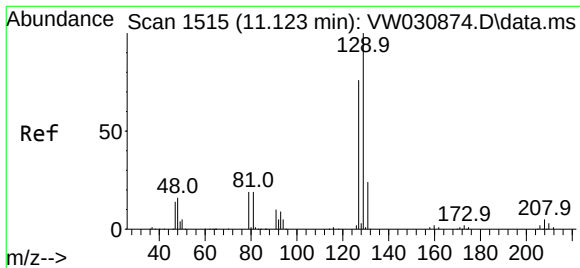
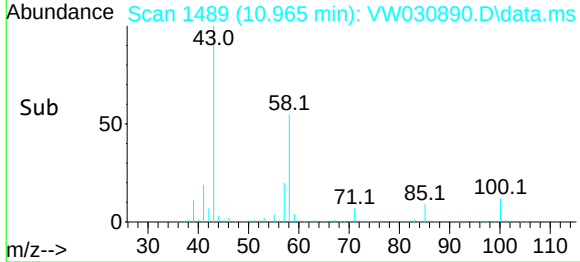
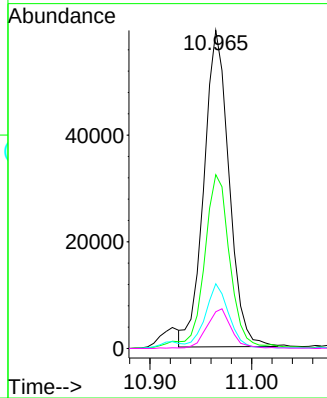
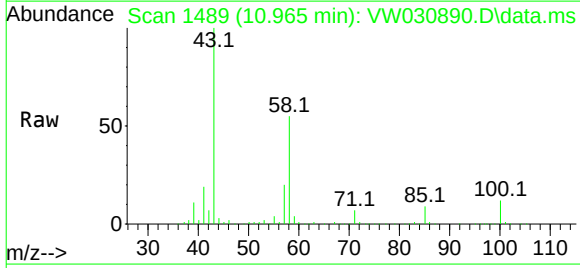
Ion Ratio Lower Upper

43 100

58 54.5 44.6 67.0

57 19.0 15.8 23.8

100 11.8 10.2 15.2



#49

Dibromochloromethane

Concen: 16.411 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030890.D

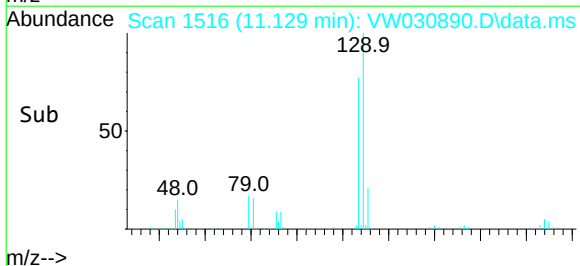
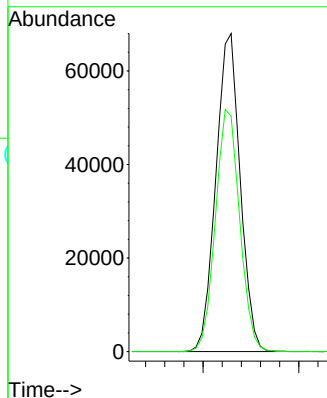
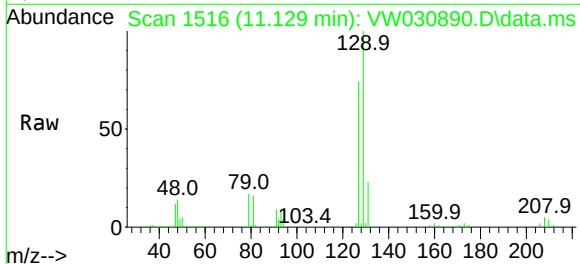
Acq: 01 Nov 2024 16:59

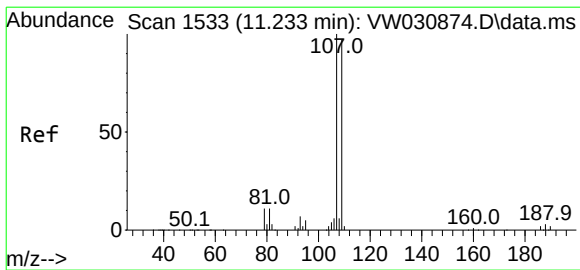
Tgt Ion: 129 Resp: 120043

Ion Ratio Lower Upper

129 100

127 74.0 56.5 104.9

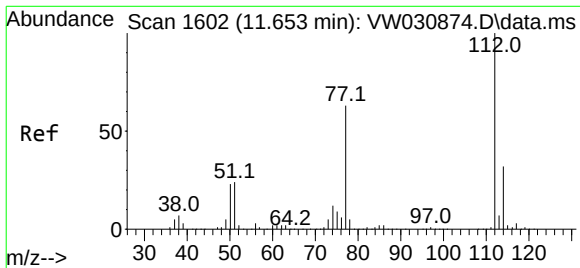
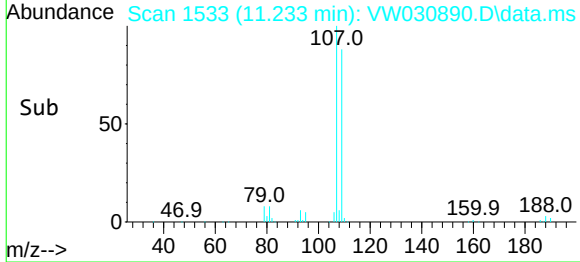
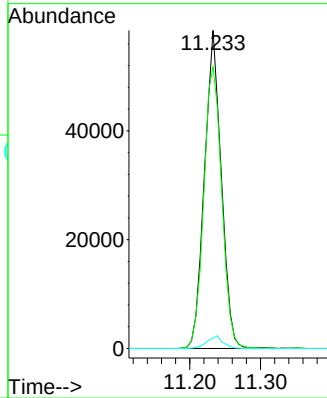
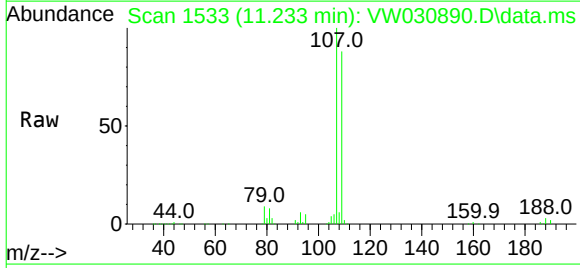




#50
1,2-Dibromoethane
Concen: 15.799 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

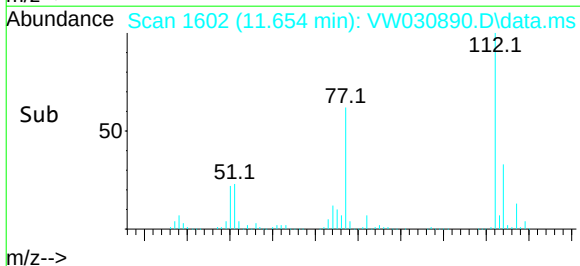
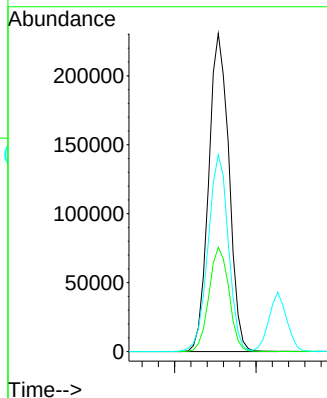
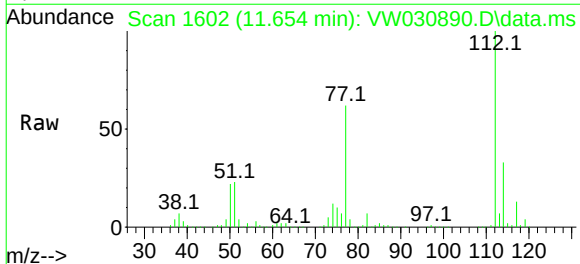
Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

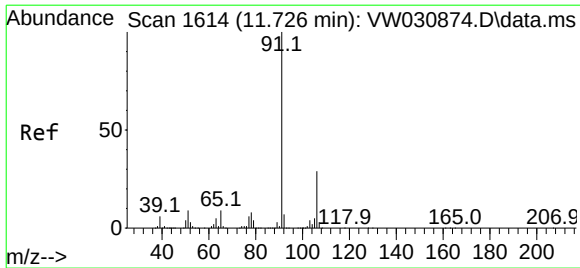
Tgt Ion:	107	Resp:	96641
Ion Ratio	Lower	Upper	
107	100		
109	88.4	63.8	118.6
188	3.3	2.6	3.8



#51
Chlorobenzene
Concen: 16.031 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion:	112	Resp:	399856
Ion Ratio	Lower	Upper	
112	100		
114	32.8	22.4	41.6
77	61.9	47.1	70.7

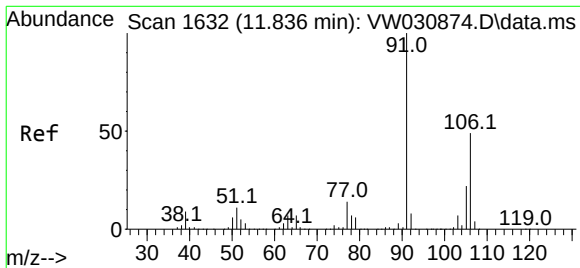
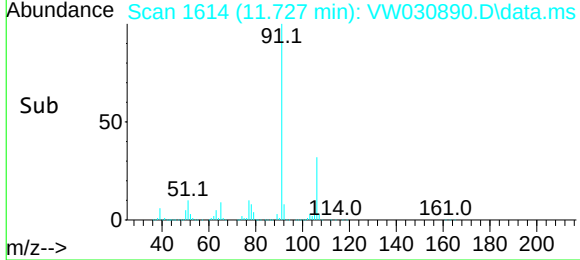
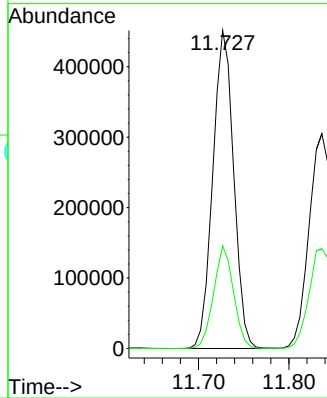
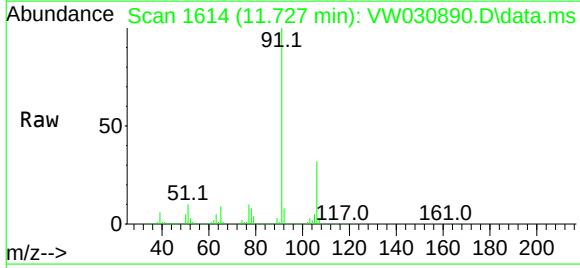




#52
Ethylbenzene
Concen: 16.366 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

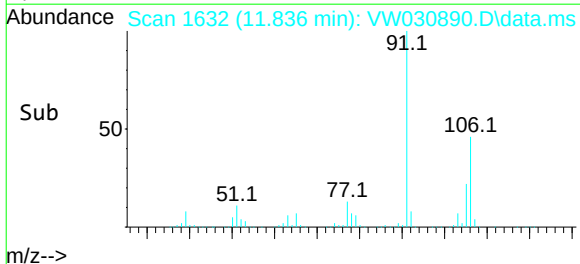
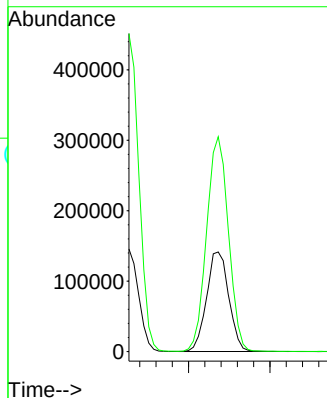
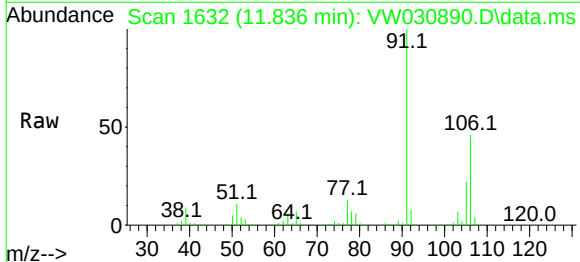
Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

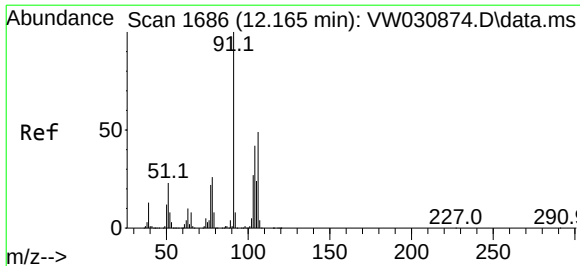
Tgt Ion: 91 Resp: 723555
Ion Ratio Lower Upper
91 100
106 32.3 21.1 39.1



#53
m,p-Xylene
Concen: 16.170 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion: 106 Resp: 267827
Ion Ratio Lower Upper
106 100
91 215.7 140.6 261.2





#54

o-Xylene

Concen: 16.495 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW030890.D

Acq: 01 Nov 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

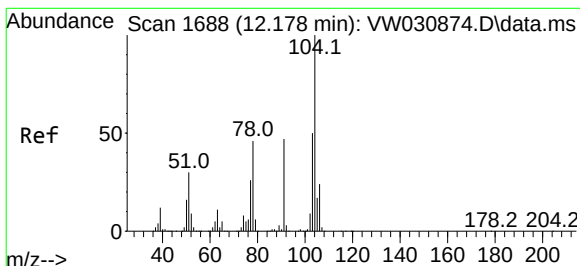
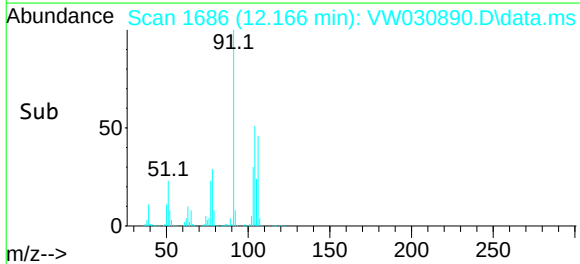
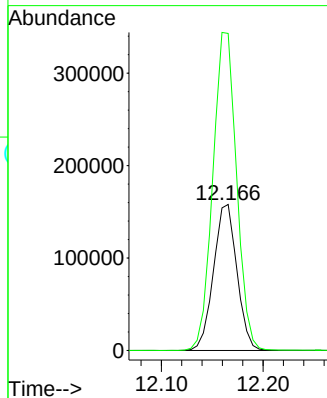
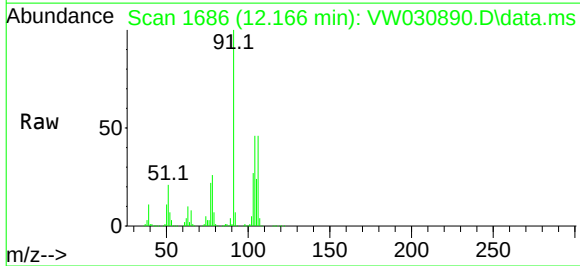
A4EC8MSD

Tgt Ion:106 Resp: 252596

Ion Ratio Lower Upper

106 100

91 217.1 144.5 268.4



#55

Styrene

Concen: 16.703 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030890.D

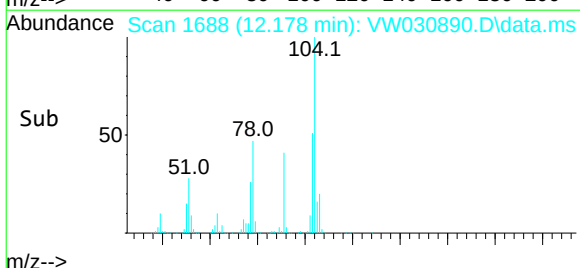
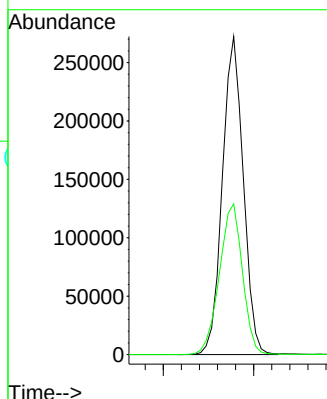
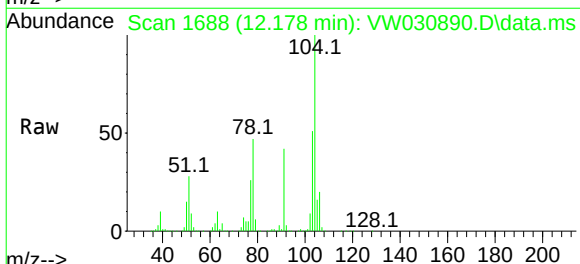
Acq: 01 Nov 2024 16:59

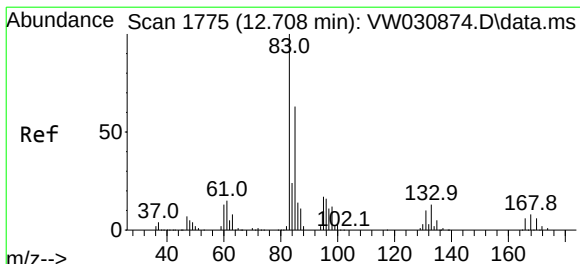
Tgt Ion:104 Resp: 437252

Ion Ratio Lower Upper

104 100

78 47.4 34.3 63.7

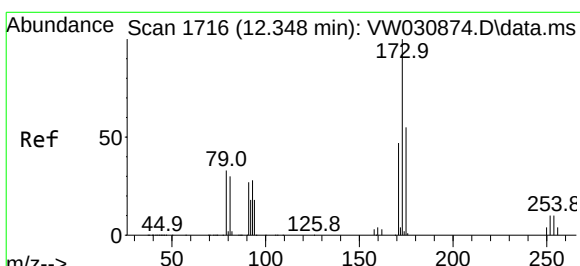
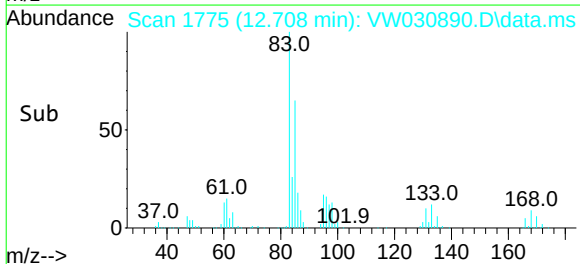
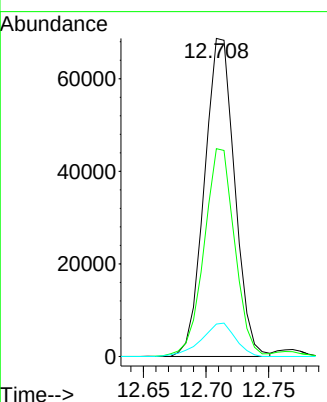
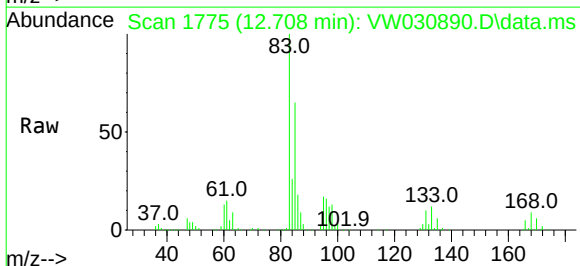




#57
 1,1,2,2-Tetrachloroethane
 Concen: 15.627 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

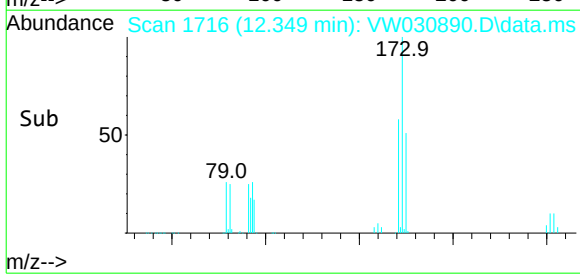
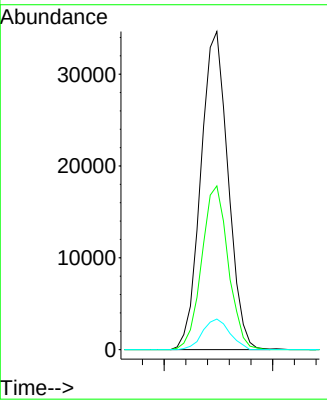
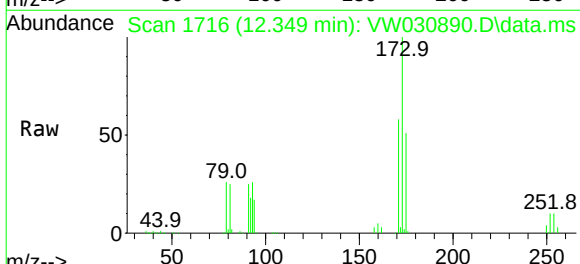
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC8MSD

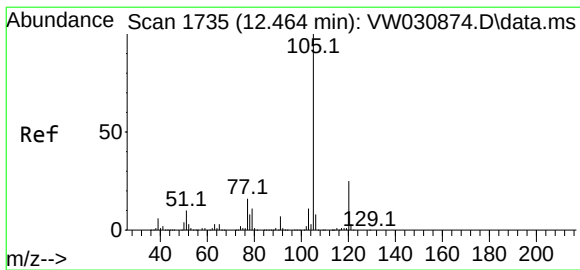
Tgt Ion:	83	Resp:	115526
Ion	Ratio	Lower	Upper
83	100		
85	65.3	42.6	79.2
131	10.2	7.4	11.0



#59
 Bromoform
 Concen: 16.453 ug/L
 RT: 12.349 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

Tgt Ion:	173	Resp:	60463
Ion	Ratio	Lower	Upper
173	100		
175	50.0	39.0	58.4
254	9.6	7.7	11.5

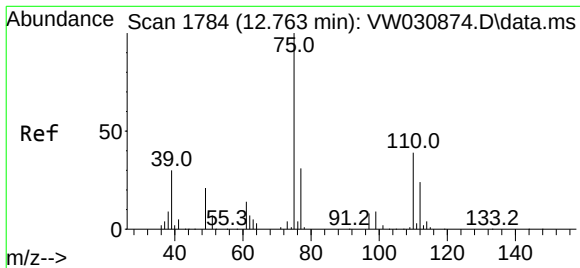
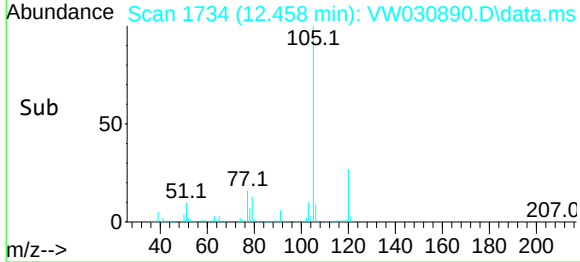
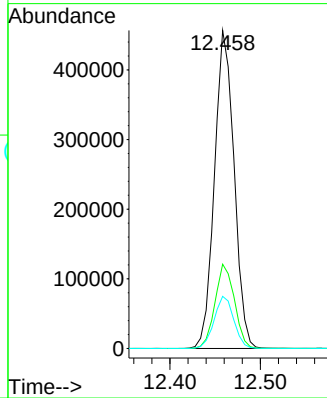
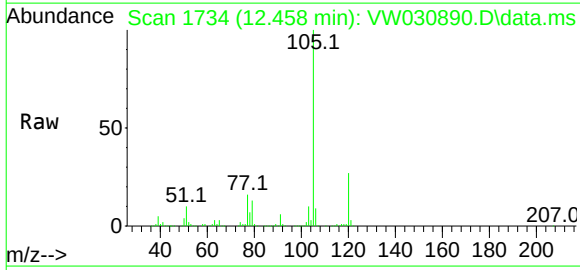




#60
Isopropylbenzene
Concen: 17.009 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

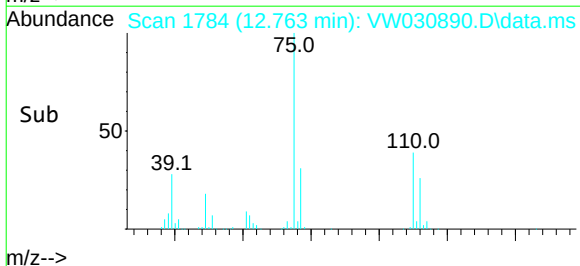
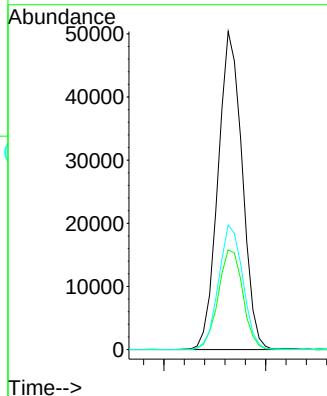
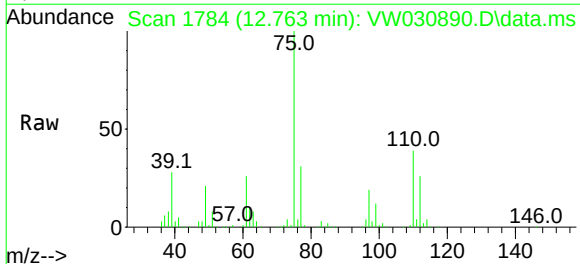
Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

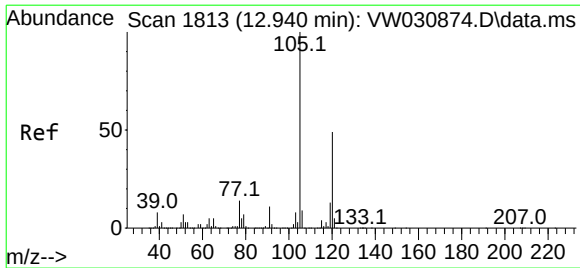
Tgt Ion:	105	Resp:	688960
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.6	31.0
77	16.5	13.4	20.0



#61
1,2,3-Trichloropropane
Concen: 16.354 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion:	75	Resp:	83236
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.7	38.5
110	39.2	32.3	48.5

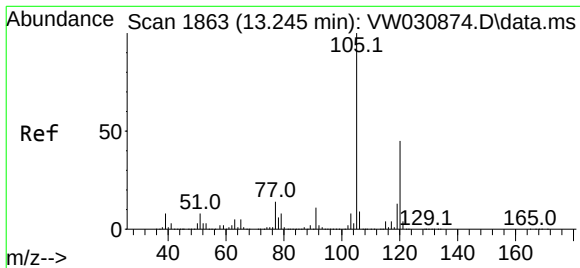
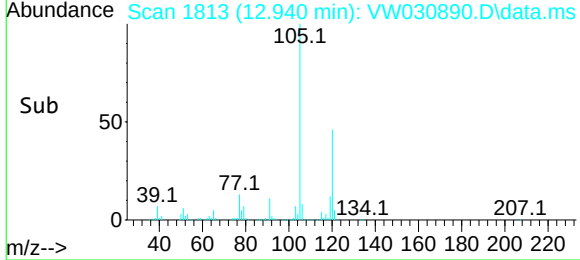
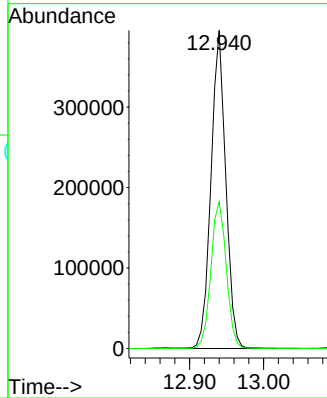
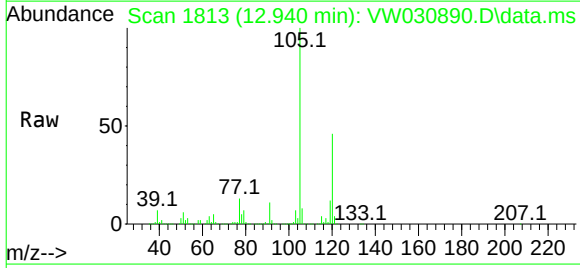




#62
1,3,5-Trimethylbenzene
Concen: 17.133 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

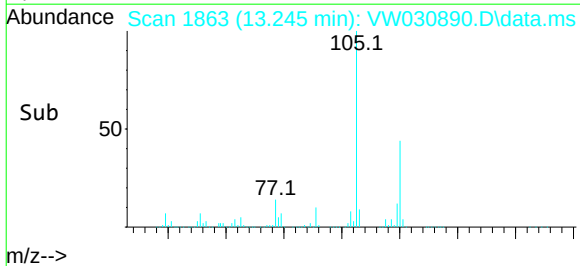
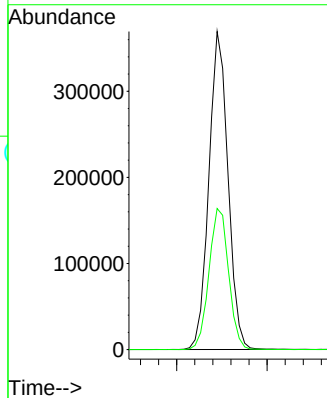
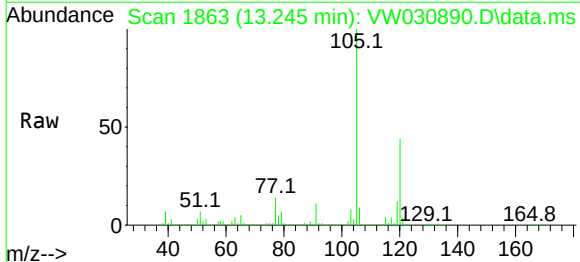
Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

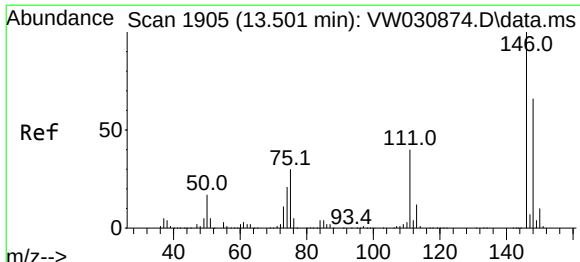
Tgt Ion:105 Resp: 547520
Ion Ratio Lower Upper
105 100
120 48.1 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 17.320 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion:105 Resp: 541923
Ion Ratio Lower Upper
105 100
120 45.6 35.8 53.6

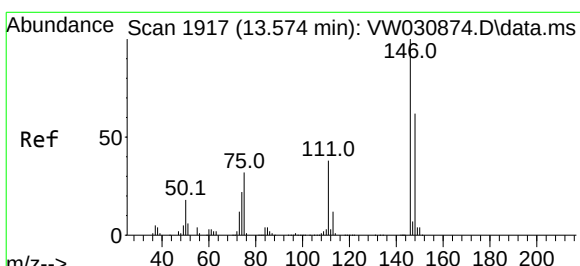
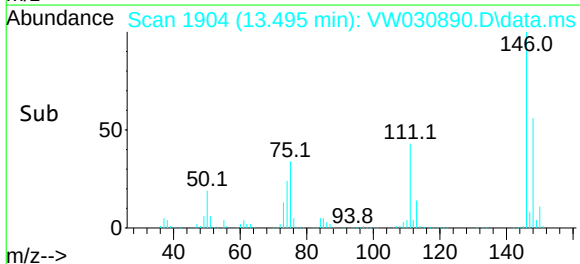
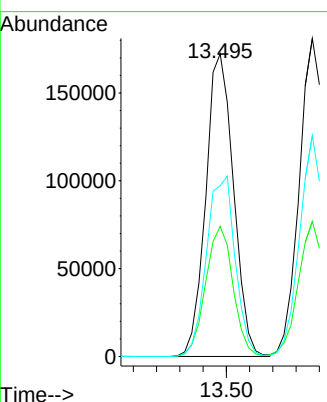
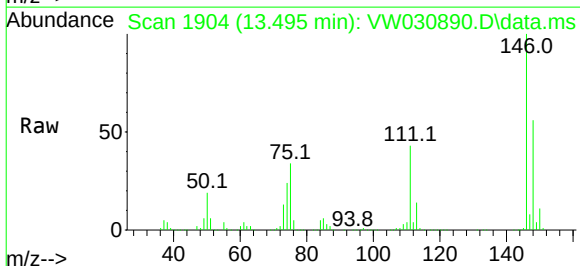




#64
 1,3-Dichlorobenzene
 Concen: 16.194 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

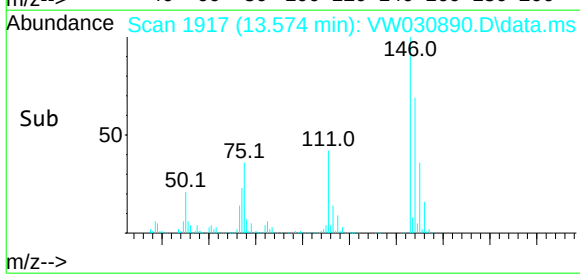
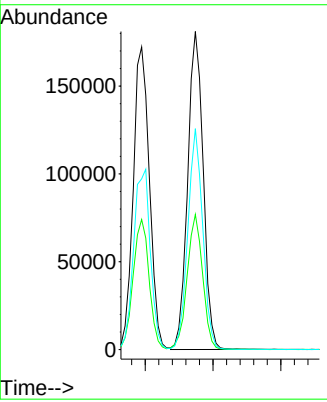
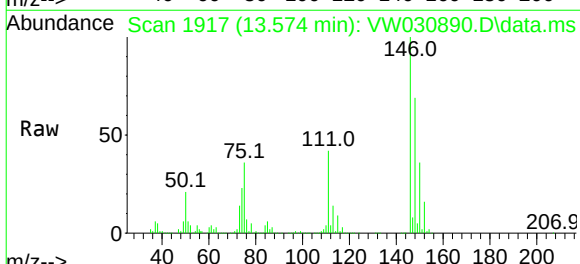
Instrument : MSVOA_W
 ClientSampleId : A4EC8MSD

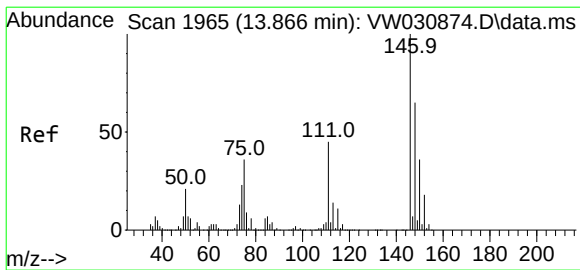
Tgt Ion:	146	Resp:	285520
Ion Ratio	Lower	Upper	
146	100		
111	43.0	31.2	58.0
148	56.4	45.7	84.9



#65
 1,4-Dichlorobenzene
 Concen: 15.818 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

Tgt Ion:	146	Resp:	287973
Ion Ratio	Lower	Upper	
146	100		
111	42.5	26.8	49.8
148	69.5	41.0	76.2

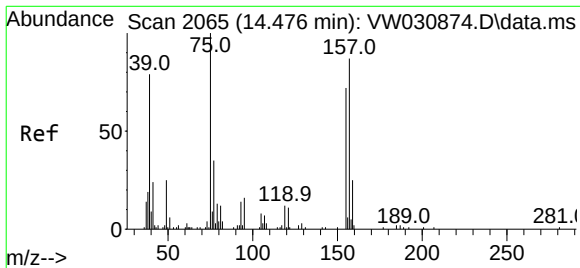
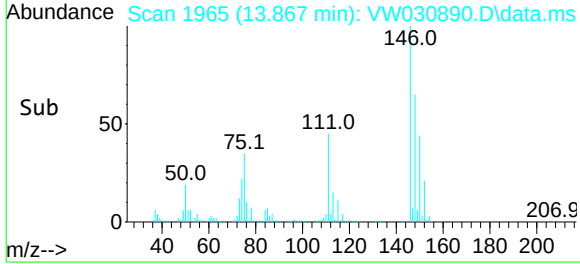
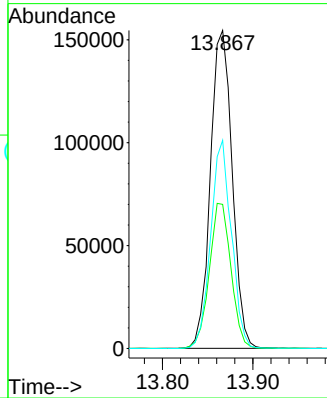
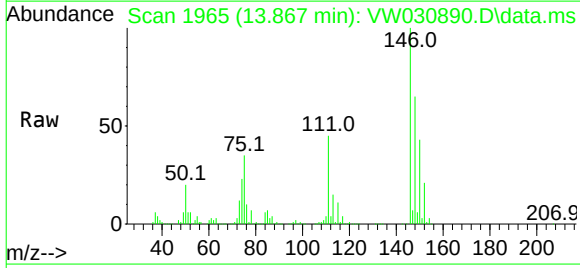




#67
1,2-Dichlorobenzene
Concen: 16.679 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

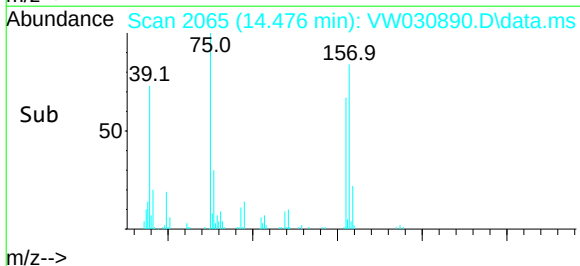
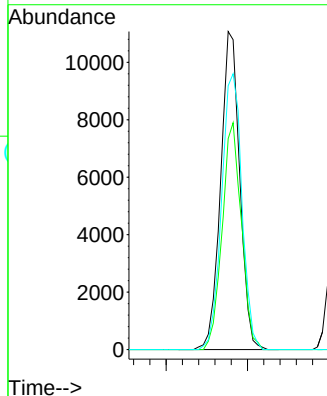
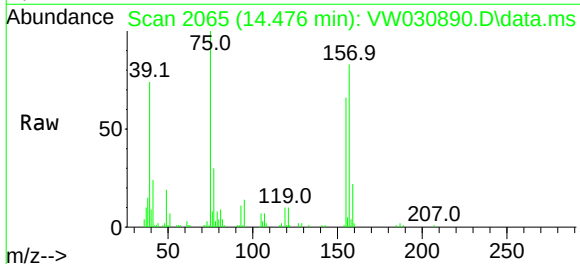
Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

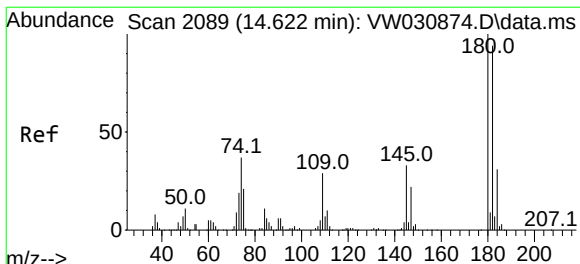
Tgt Ion:	146	Resp:	258774
Ion	Ratio	Lower	Upper
146	100		
111	45.3	34.6	52.0
148	65.5	53.3	79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 15.876 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion:	75	Resp:	18017
Ion	Ratio	Lower	Upper
75	100		
155	66.3	57.9	86.9
157	82.9	69.0	103.6

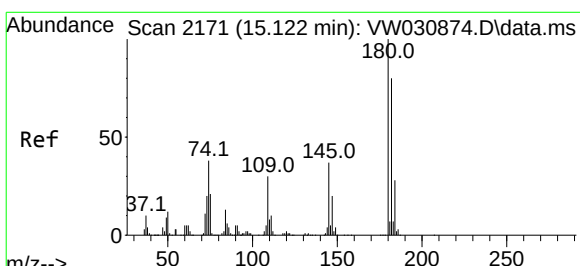
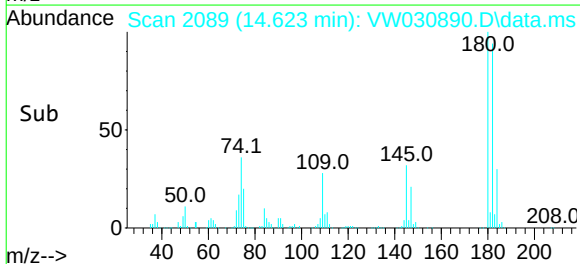
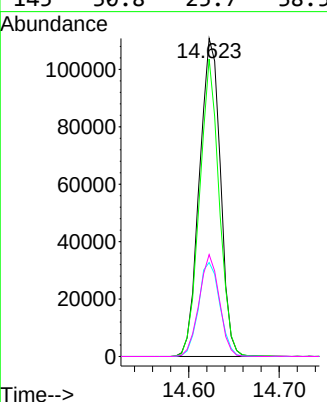
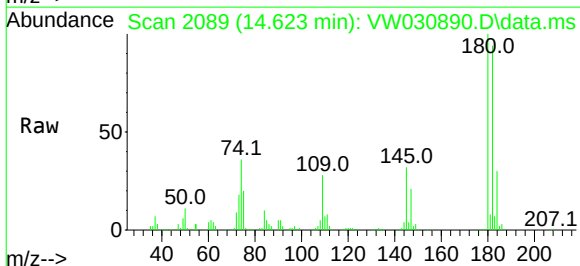




#69
 1,3,5-Trichlorobenzene
 Concen: 15.361 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

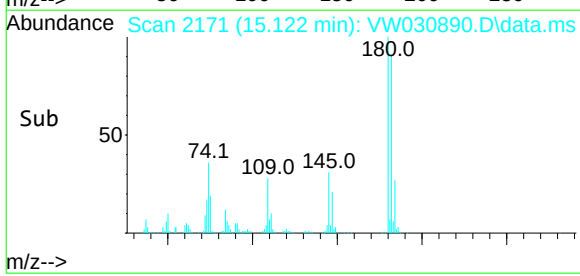
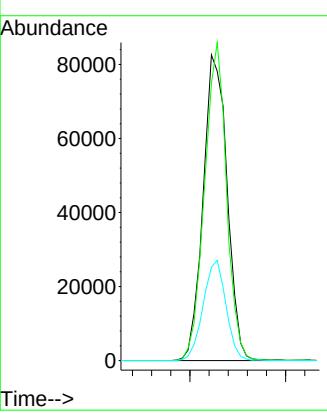
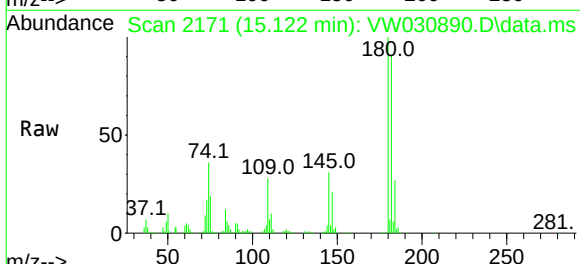
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC8MSD

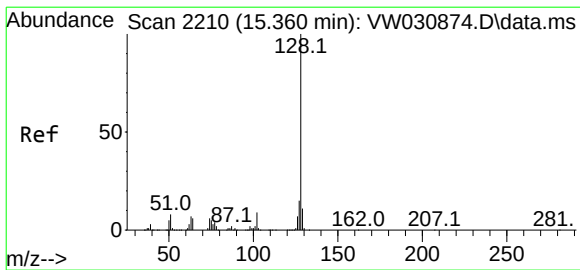
Tgt Ion:	180	Resp:	178596
Ion	Ratio	Lower	Upper
180	100		
182	87.3	79.9	119.9
184	30.1	25.2	37.8
145	30.8	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 15.363 ug/L
 RT: 15.122 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW030890.D
 Acq: 01 Nov 2024 16:59

Tgt Ion:	180	Resp:	143793
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.2	112.8
145	31.2	25.4	38.2

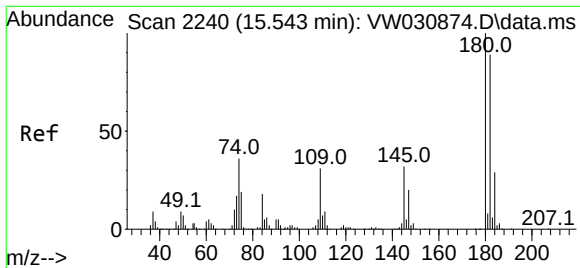
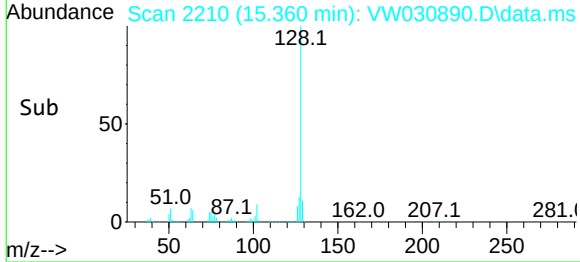
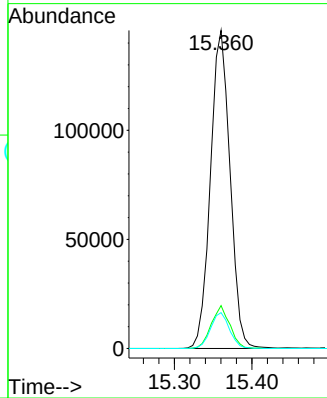
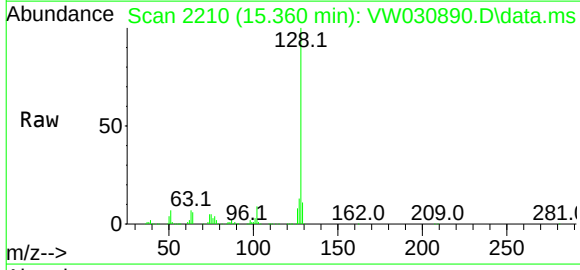




#71
Naphthalene
Concen: 15.840 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Instrument :
MSVOA_W
ClientSampleId :
A4EC8MSD

Tgt Ion:	128	Resp:	256149
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.9	16.3
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 16.042 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030890.D
Acq: 01 Nov 2024 16:59

Tgt Ion:	180	Resp:	130169
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.2	114.4
145	33.3	27.4	41.2

