

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030048.D
 Acq On : 27 Aug 2024 16:45
 Operator : SY/MD
 Sample : P3722-02MS
 Misc : 5.36g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYD5MS

Quant Time: Aug 28 01:17:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	308431	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263268	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84596	18.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
7) Chloroethane-d5	2.899	69	60873	18.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
11) 1,1-Dichloroethene-d2	4.027	65	37093	18.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.680%
21) 2-Butanone-d5	7.075	46	52340	57.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.420%
24) Chloroform-d	7.648	84	167230	20.106	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.440%
26) 1,2-Dichloroethane-d4	8.307	65	92095	21.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.240%
32) Benzene-d6	8.270	84	332305	21.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.270	67	104530	22.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.840%
41) Toluene-d8	10.325	98	297181	21.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.040%
43) trans-1,3-Dichloroprop...	10.575	79	42322	22.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.922	63	46299	66.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85993	25.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	73019	20.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	52143	14.699	ug/L	99
3) Chloromethane	2.223	50	66773	16.192	ug/L	99
5) Vinyl chloride	2.375	62	68590	14.072	ug/L	94
6) Bromomethane	2.790	94	44456	14.676	ug/L	98
8) Chloroethane	2.936	64	41780	14.875	ug/L	96
9) Trichlorofluoromethane	3.265	101	63528	15.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	61181	15.150	ug/L	97
12) 1,1-Dichloroethene	4.045	96	58308	14.748	ug/L #	80
13) Acetone	4.125	43	183183	218.893	ug/L	98
14) Carbon disulfide	4.393	76	195000	15.900	ug/L	98
15) Methyl Acetate	4.673	43	39513	24.217	ug/L	97
16) Methylene chloride	4.923	84	69684	13.677	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	66609	15.234	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	117815	17.620	ug/L	99
19) 1,1-Dichloroethane	6.216	63	130639	16.079	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	73306	15.169	ug/L	91
22) 2-Butanone	7.173	43	46672	38.974	ug/L	97
23) Bromochloromethane	7.514	128	31019	15.133	ug/L	87
25) Chloroform	7.679	83	129269	15.555	ug/L	94

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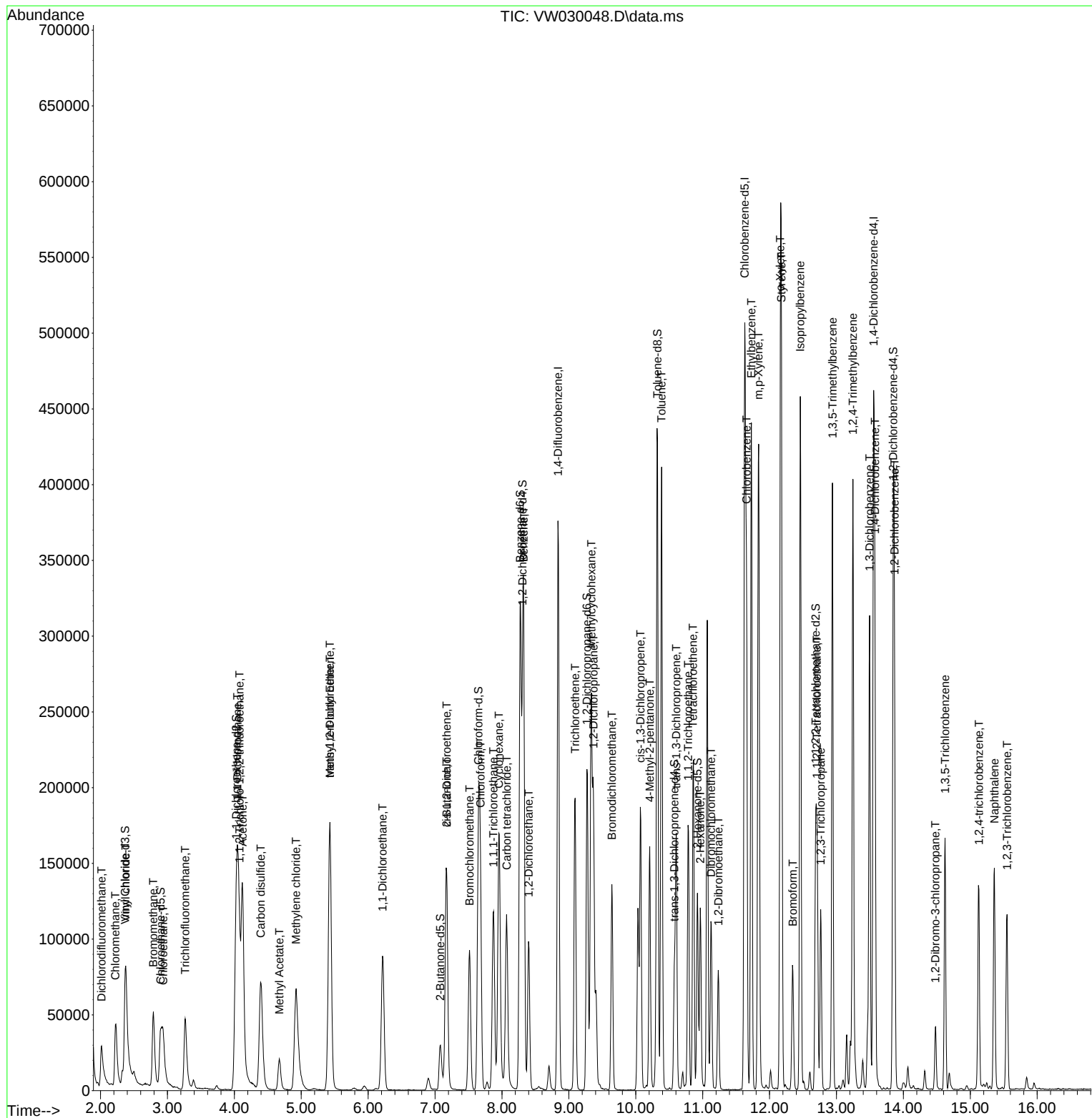
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89048	16.739	ug/L	99
29) Cyclohexane	7.953	56	102268	16.088	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	100009	16.219	ug/L	99
31) Carbon tetrachloride	8.069	117	87930	15.872	ug/L	99
33) Benzene	8.325	78	280195	16.611	ug/L	100
34) Trichloroethene	9.093	95	71844	15.818	ug/L	96
35) Methylcyclohexane	9.337	83	106404	14.304	ug/L	96
37) 1,2-Dichloropropane	9.368	63	73916	17.305	ug/L	99
38) Bromodichloromethane	9.642	83	92456	17.155	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	112158	17.060	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	105586	49.660	ug/L	96
42) Toluene	10.386	91	292113	16.262	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	94774	17.815	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	56763	18.131	ug/L	98
46) Tetrachloroethene	10.855	164	48371	14.032	ug/L	91
48) 2-Hexanone	10.965	43	75135	49.709	ug/L	96
49) Dibromochloromethane	11.123	129	59227	17.805	ug/L	100
50) 1,2-Dibromoethane	11.233	107	52707	18.023	ug/L	88
51) Chlorobenzene	11.654	112	166892	14.531	ug/L	91
52) Ethylbenzene	11.727	91	306832	15.075	ug/L	97
53) m,p-Xylene	11.837	106	113940	15.001	ug/L	92
54) o-Xylene	12.160	106	106403	14.595	ug/L	98
55) Styrene	12.178	104	172741	14.142	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	69605	19.743	ug/L	97
59) Bromoform	12.349	173	32308	21.650	ug/L	96
60) Isopropylbenzene	12.459	105	277901	17.383	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	50101	24.589	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	208563	17.545	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	213787	17.063	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	107570	15.783	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	106663	15.492	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	96243	15.786	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11400	26.138	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	49042	11.022	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	41791	10.851	ug/L	100
71) Naphthalene	15.360	128	123150	16.746	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	37945	11.225	ug/L	96

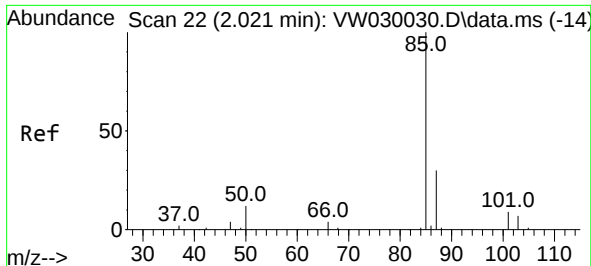
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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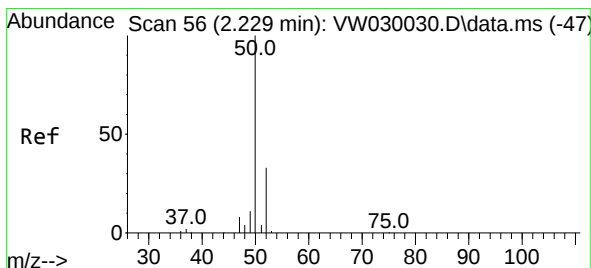
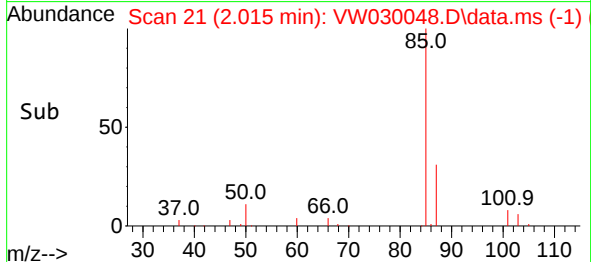
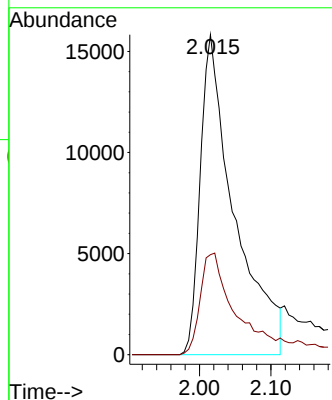
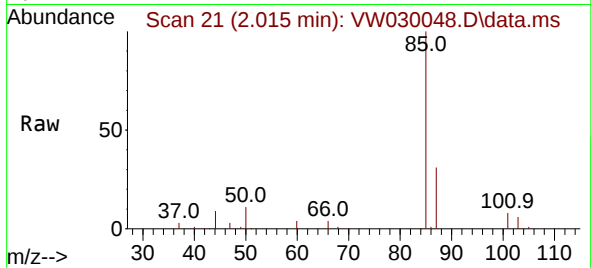




#2
 Dichlorodifluoromethane
 Concen: 14.699 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW030048.D
 Acq: 27 Aug 2024 16:45

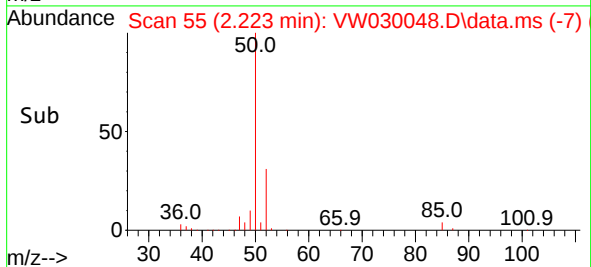
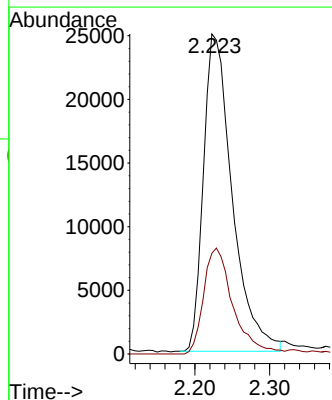
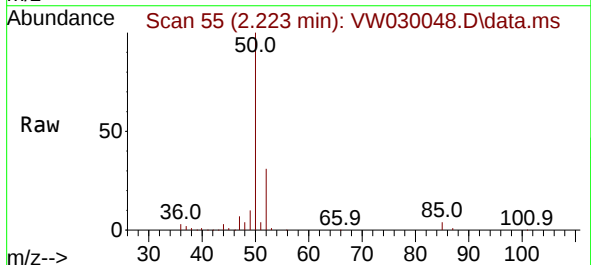
Instrument :
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 ClientSampleId :
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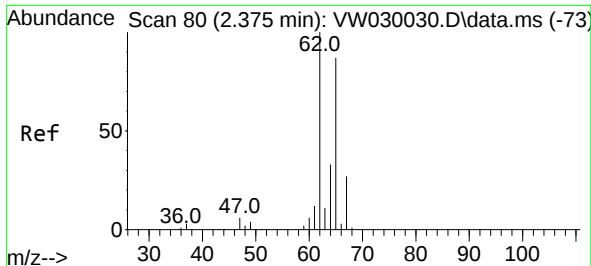
Tgt Ion: 85 Resp: 52143
 Ion Ratio Lower Upper
 85 100
 87 29.6 24.2 36.2



#3
 Chloromethane
 Concen: 16.192 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW030048.D
 Acq: 27 Aug 2024 16:45

Tgt Ion: 50 Resp: 66773
 Ion Ratio Lower Upper
 50 100
 52 31.4 21.6 40.2

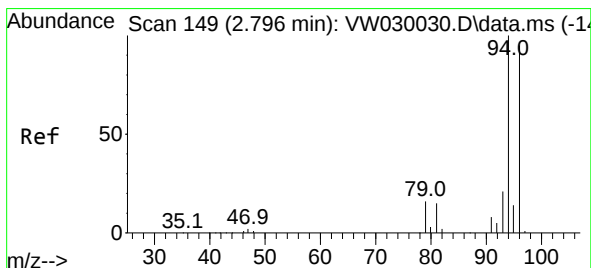
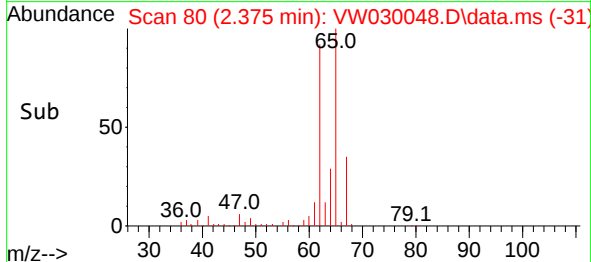
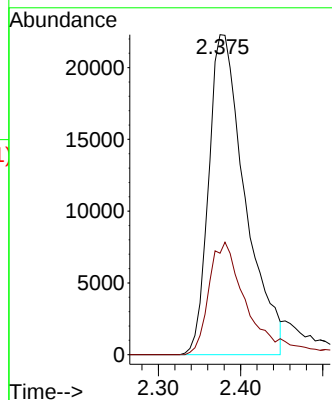
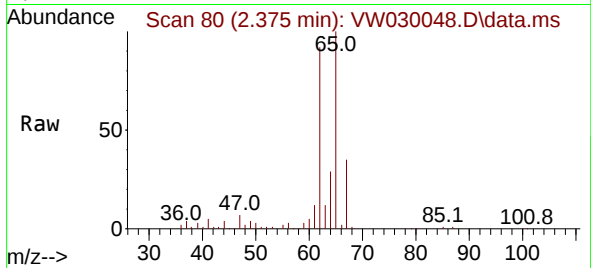




#5
 Vinyl chloride
 Concen: 14.072 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030048.D
 Acq: 27 Aug 2024 16:45

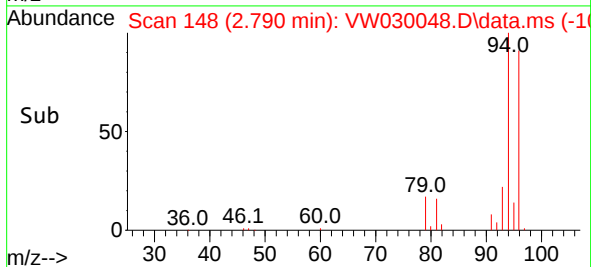
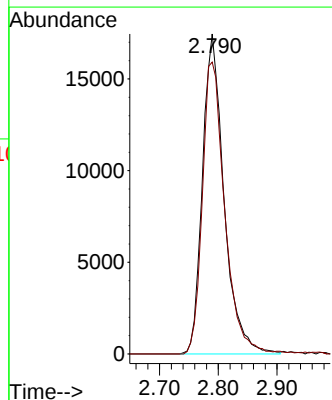
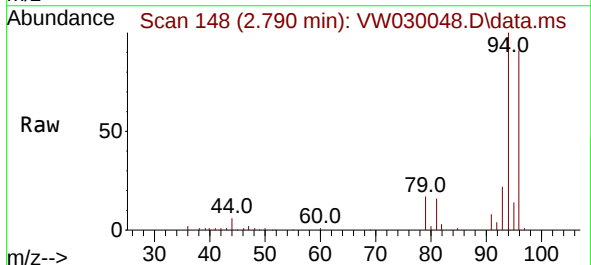
Instrument :
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 ClientSampleId :
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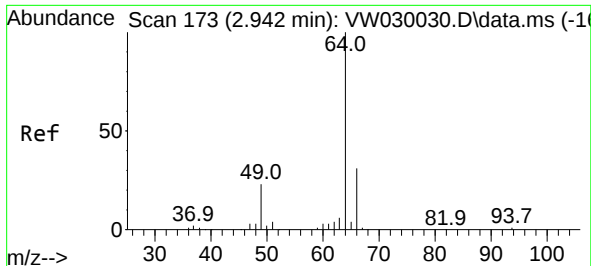
Tgt Ion: 62 Resp: 68590
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.4 45.4



#6
 Bromomethane
 Concen: 14.676 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030048.D
 Acq: 27 Aug 2024 16:45

Tgt Ion: 94 Resp: 44456
 Ion Ratio Lower Upper
 94 100
 96 91.2 62.4 115.8

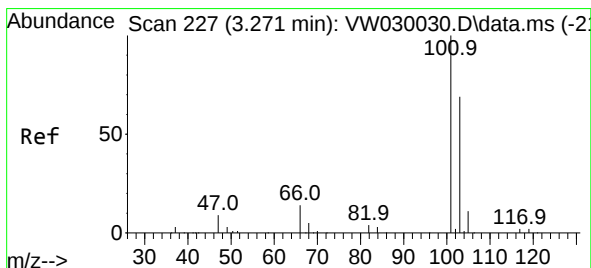
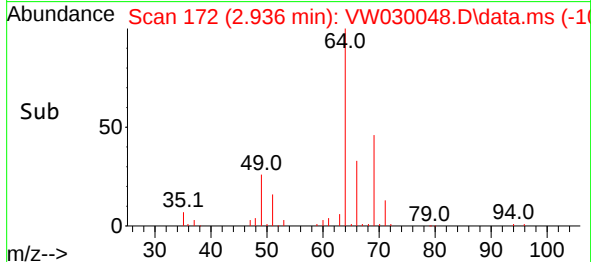
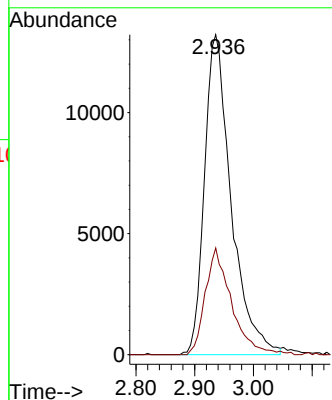
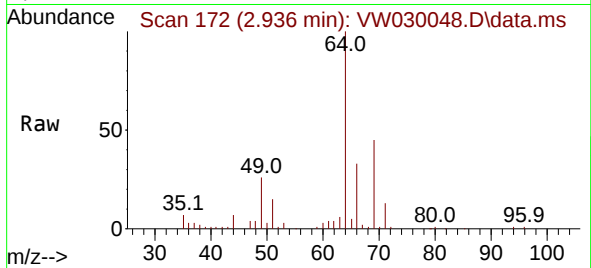




#8
Chloroethane
Concen: 14.875 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

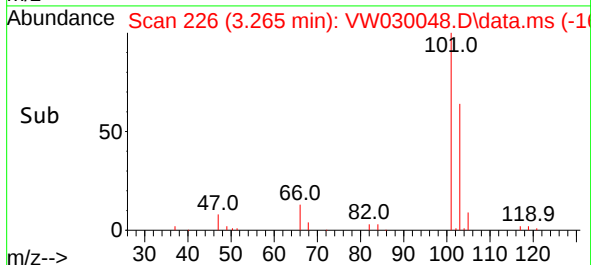
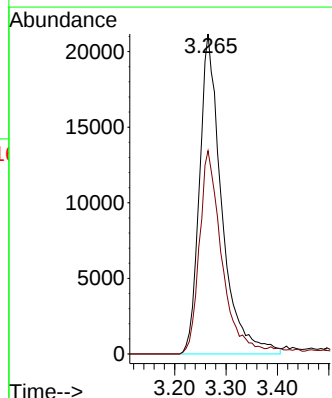
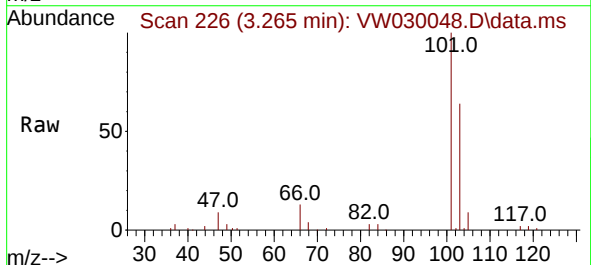
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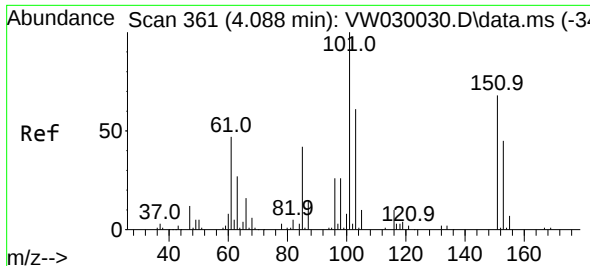
Tgt Ion: 64 Resp: 41780
Ion Ratio Lower Upper
64 100
66 33.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 15.051 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 101 Resp: 63528
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1

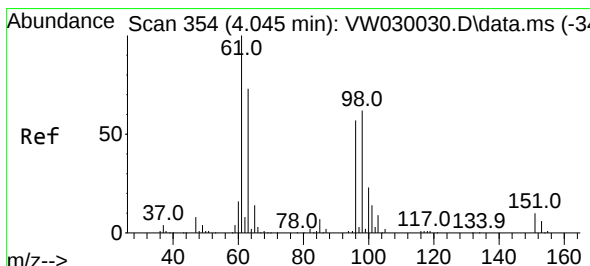
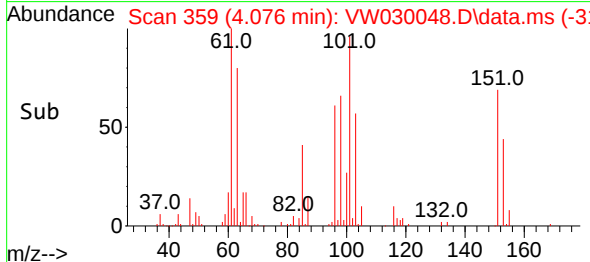
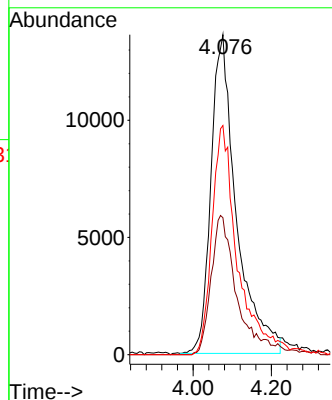
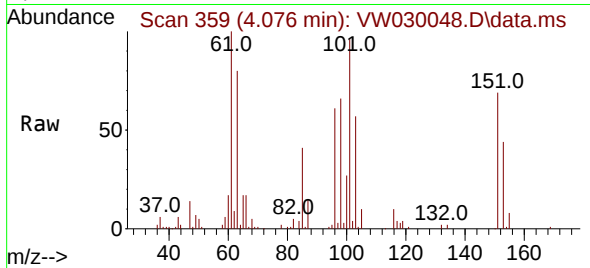




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.150 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW030048.D
 Acq: 27 Aug 2024 16:45

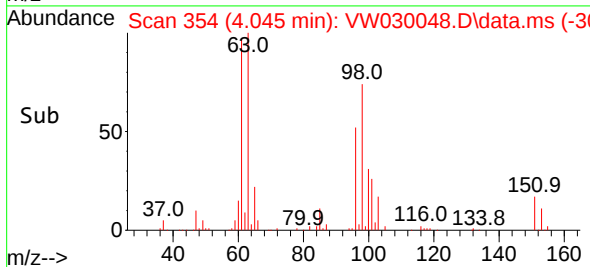
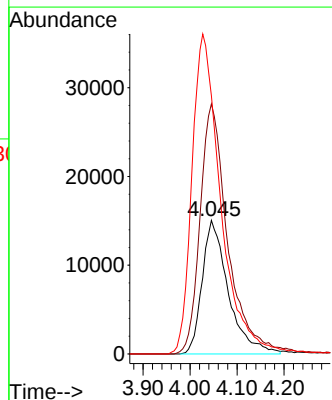
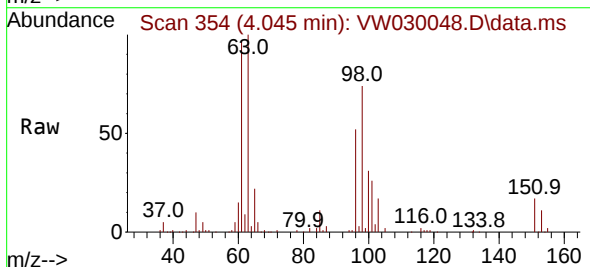
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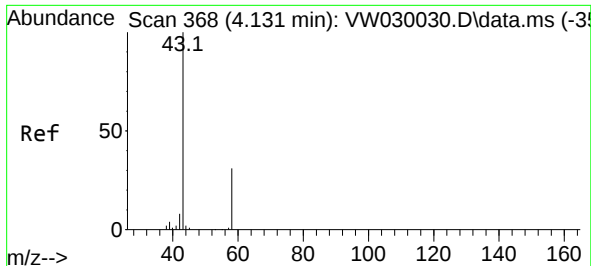
Tgt Ion:101 Resp: 61181
 Ion Ratio Lower Upper
 101 100
 85 40.6 34.7 52.1
 151 69.7 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 14.748 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW030048.D
 Acq: 27 Aug 2024 16:45

Tgt Ion: 96 Resp: 58308
 Ion Ratio Lower Upper
 96 100
 61 187.2 126.0 234.0
 63 193.3 101.8 189.2#

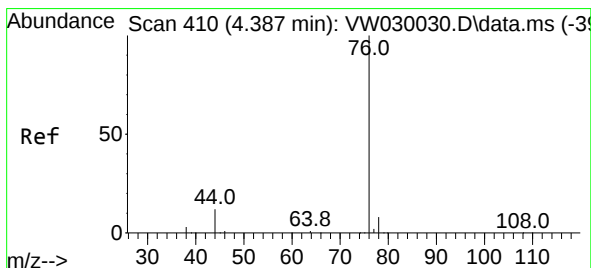
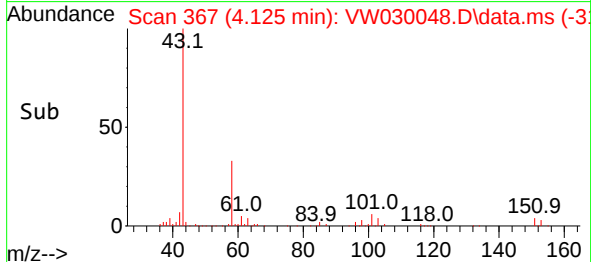
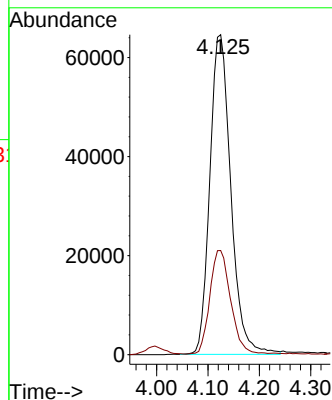
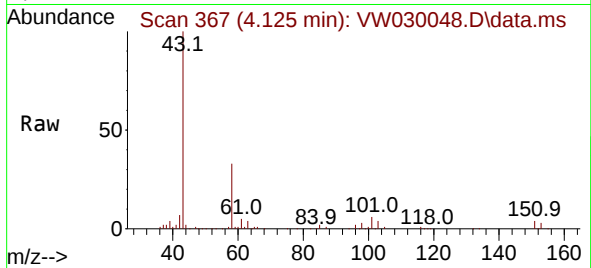




#13
Acetone
Concen: 218.893 ug/L
RT: 4.125 min Scan# 30
Delta R.T. -0.006 min
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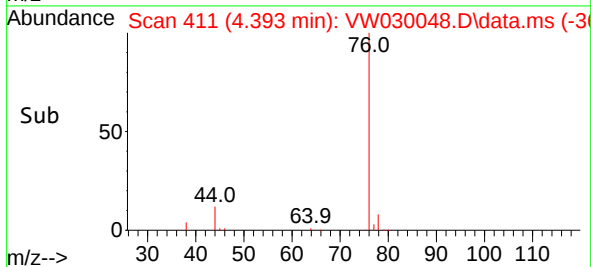
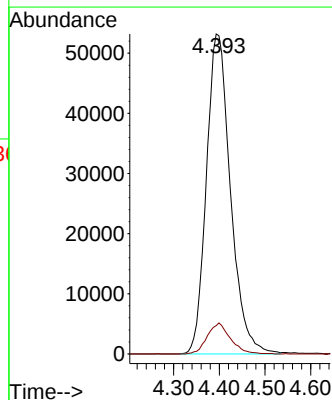
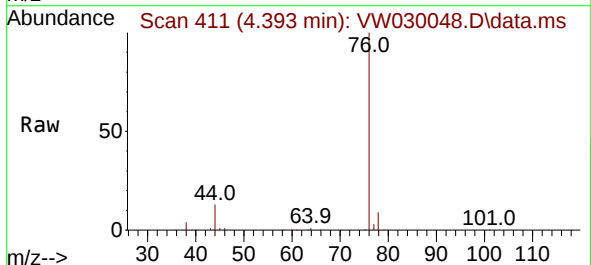
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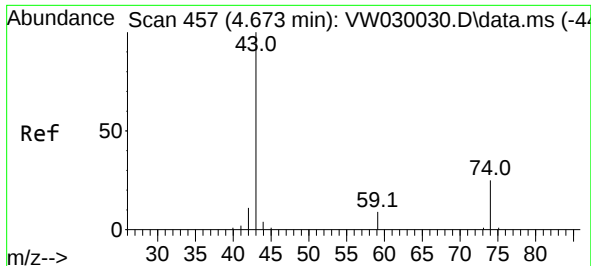
Tgt Ion: 43 Resp: 183183
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.4



#14
Carbon disulfide
Concen: 15.900 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030048.D
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Tgt Ion: 76 Resp: 195000
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8

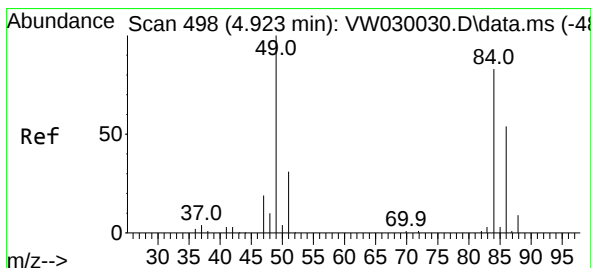
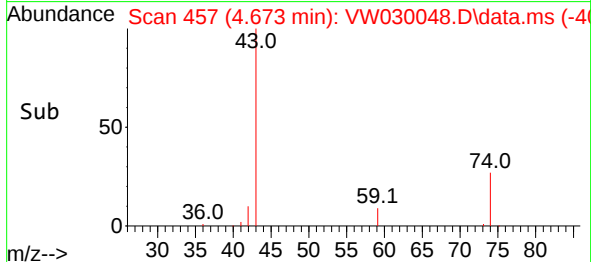
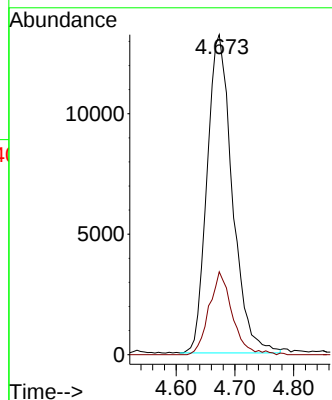
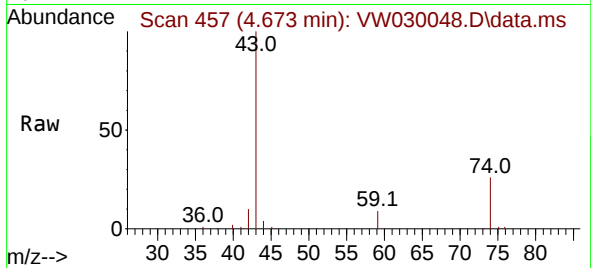




#15
Methyl Acetate
Concen: 24.217 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

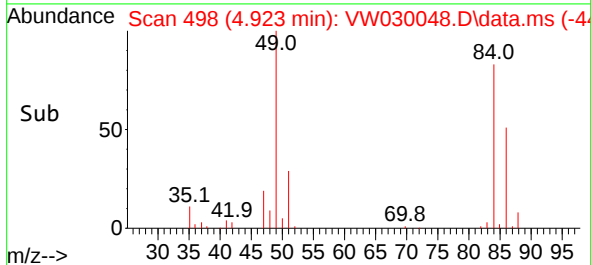
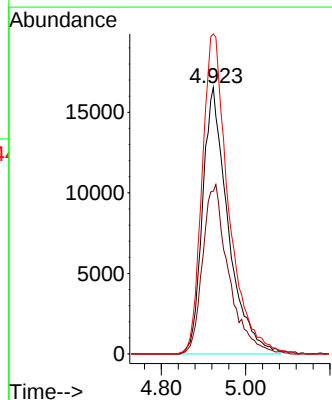
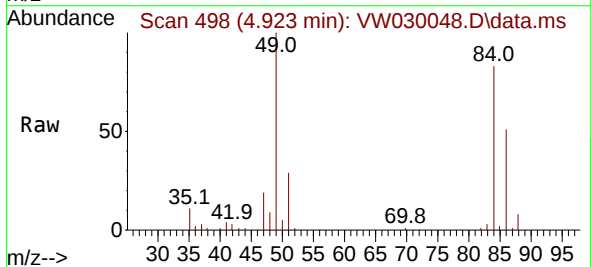
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

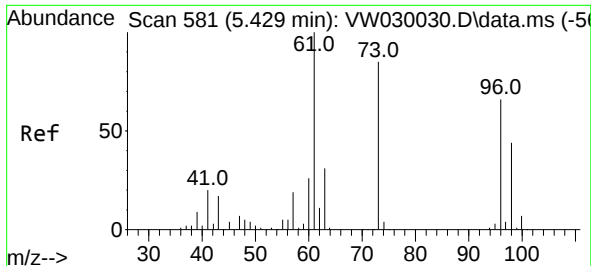
Tgt Ion: 43 Resp: 39513
Ion Ratio Lower Upper
43 100
74 23.6 19.9 29.9



#16
Methylene chloride
Concen: 13.677 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 84 Resp: 69684
Ion Ratio Lower Upper
84 100
86 61.1 44.2 82.2
49 120.1 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 15.234 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

DCYD5MS

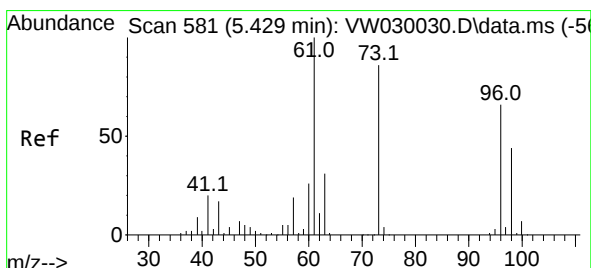
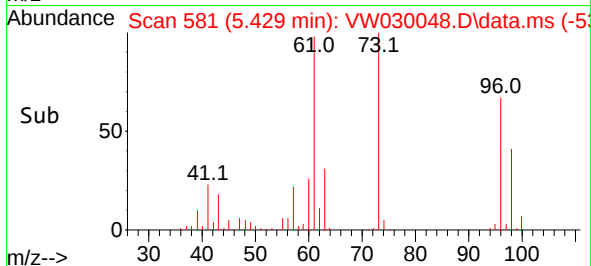
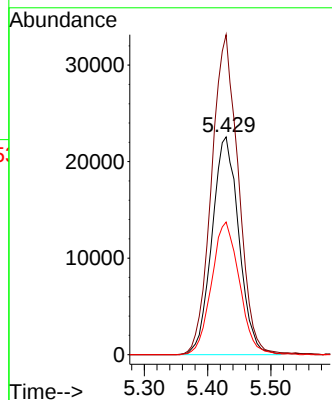
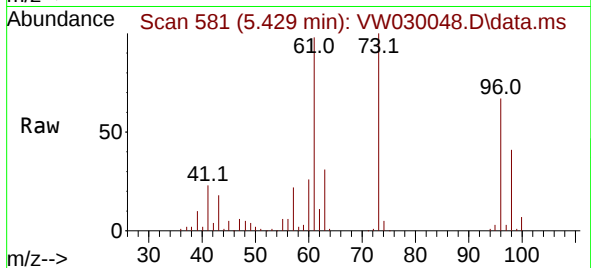
Tgt Ion: 96 Resp: 66609

Ion Ratio Lower Upper

96 100

61 147.0 98.3 182.7

98 60.9 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 17.620 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

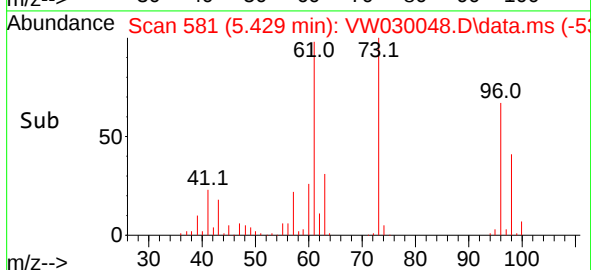
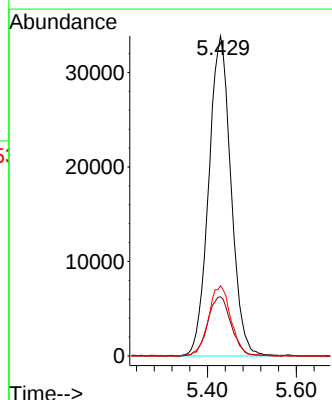
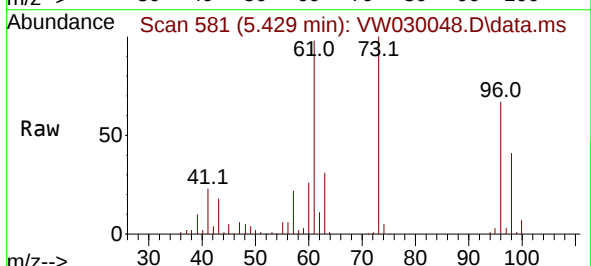
Tgt Ion: 73 Resp: 117815

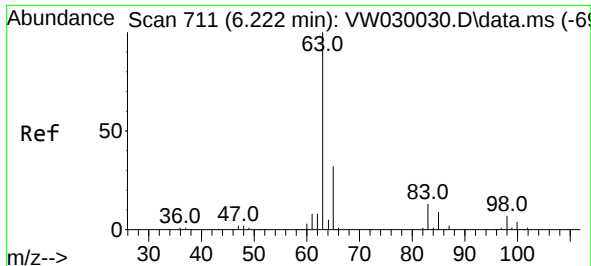
Ion Ratio Lower Upper

73 100

43 19.5 15.4 23.2

57 22.1 17.4 26.0





#19

1,1-Dichloroethane

Concen: 16.079 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

DCYD5MS

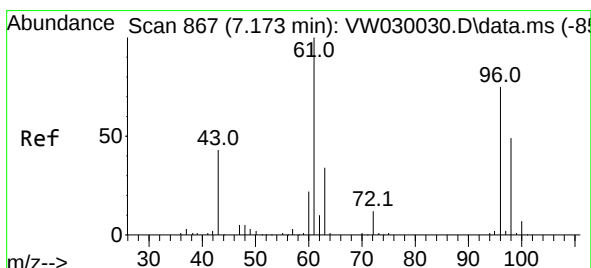
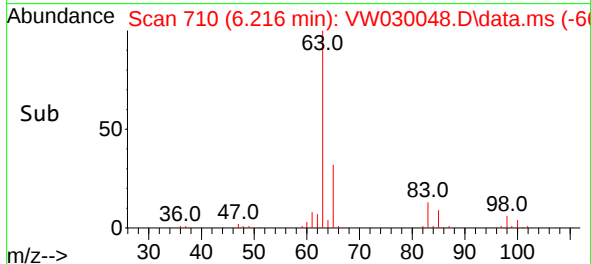
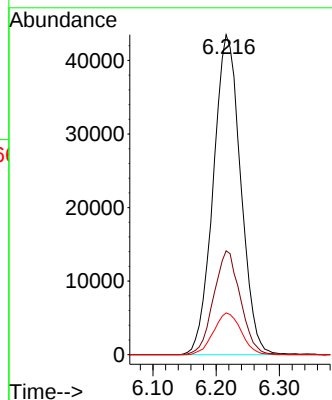
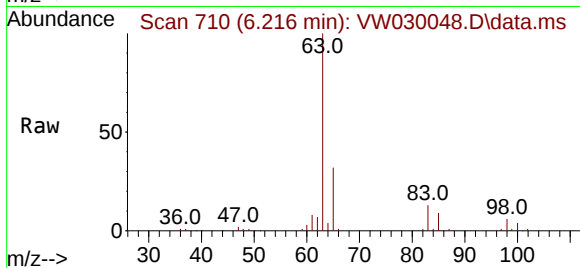
Tgt Ion: 63 Resp: 130639

Ion Ratio Lower Upper

63 100

65 32.5 21.6 40.0

83 13.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 15.169 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

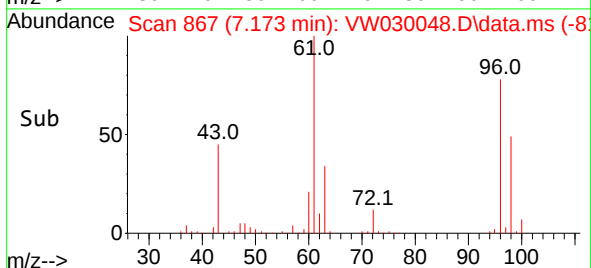
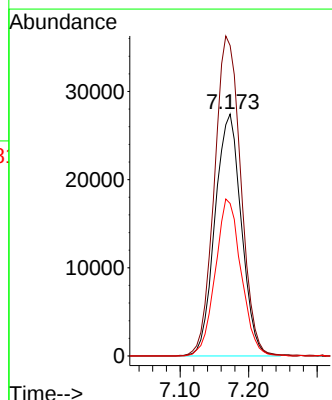
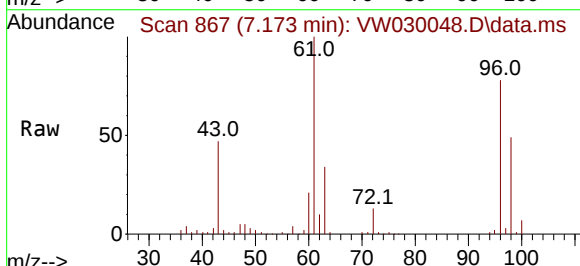
Tgt Ion: 96 Resp: 73306

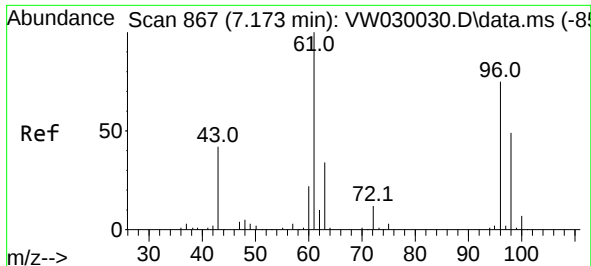
Ion Ratio Lower Upper

96 100

61 128.4 99.6 185.0

98 63.1 46.5 86.5

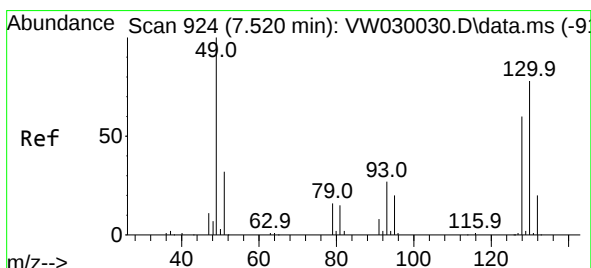
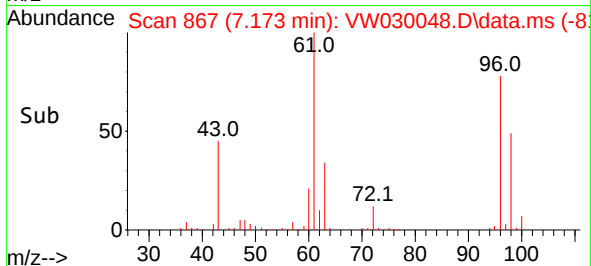
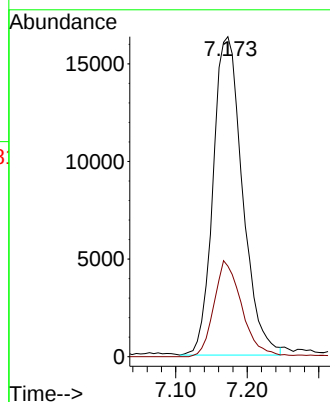
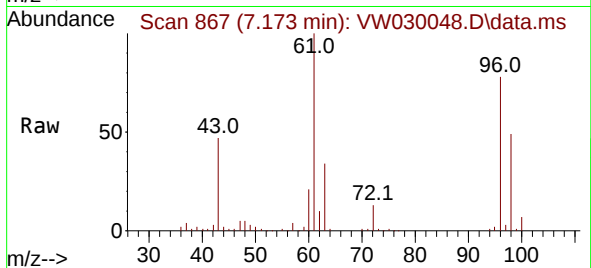




#22
2-Butanone
Concen: 38.974 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

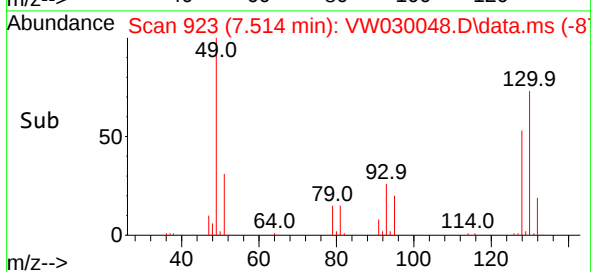
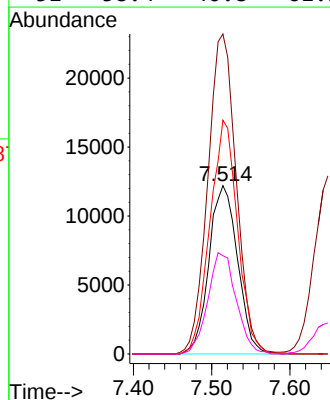
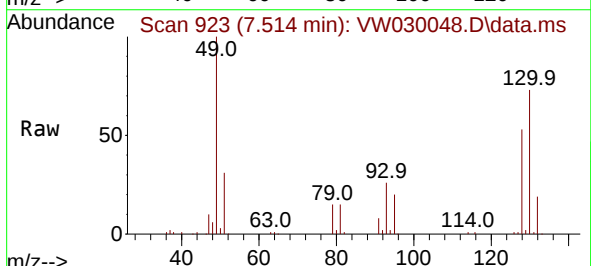
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

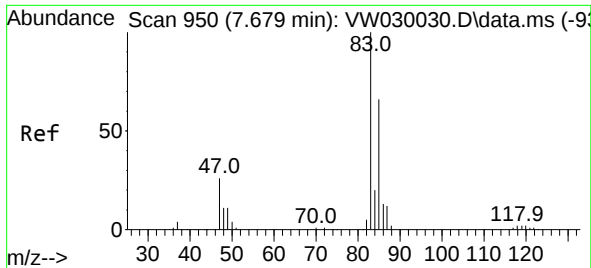
Tgt Ion: 43 Resp: 46672
Ion Ratio Lower Upper
43 100
72 28.5 15.0 45.1



#23
Bromochloromethane
Concen: 15.133 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 128 Resp: 31019
Ion Ratio Lower Upper
128 100
49 190.2 117.3 217.9
130 138.9 89.3 165.9
51 58.4 40.8 61.2

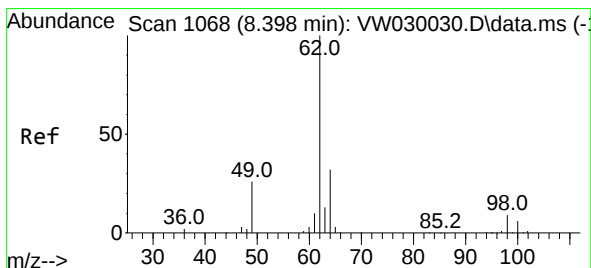
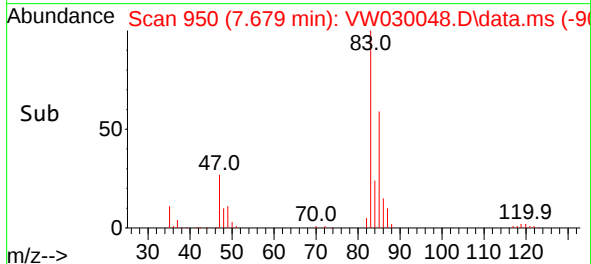
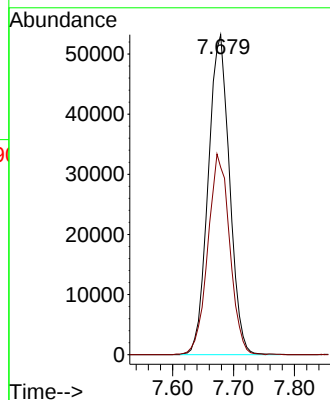
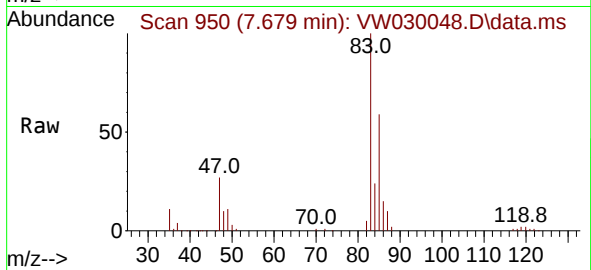




#25
Chloroform
Concen: 15.555 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

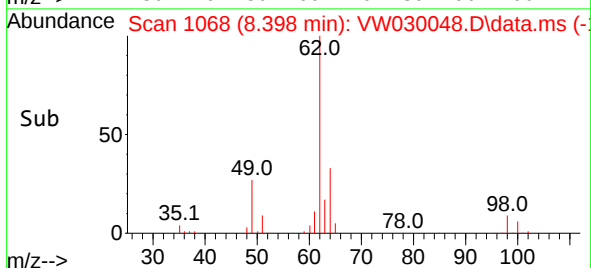
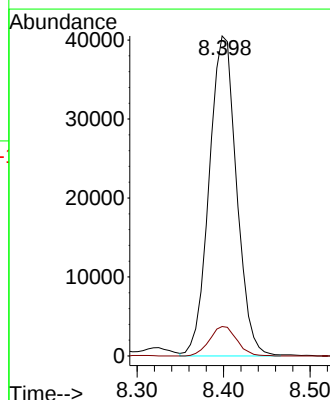
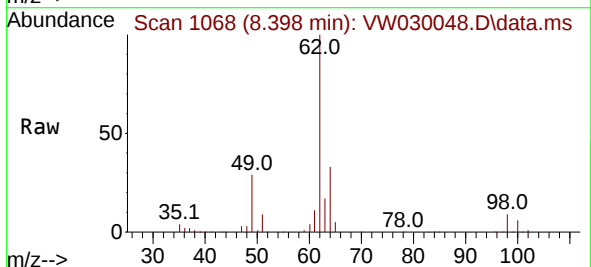
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

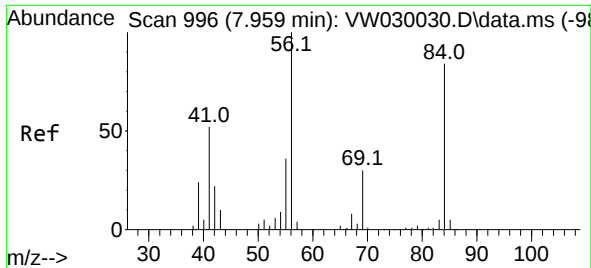
Tgt Ion: 83 Resp: 129269
Ion Ratio Lower Upper
83 100
85 58.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 16.739 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 62 Resp: 89048
Ion Ratio Lower Upper
62 100
98 9.2 7.7 11.5

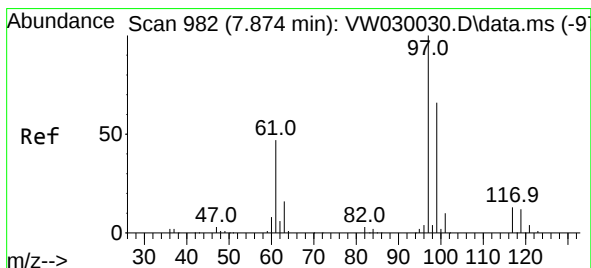
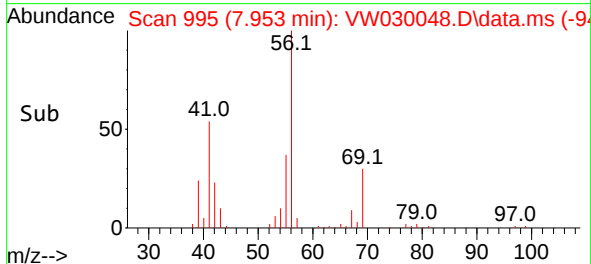
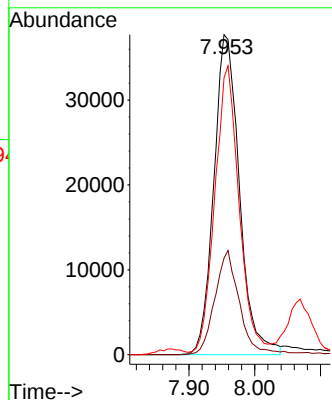
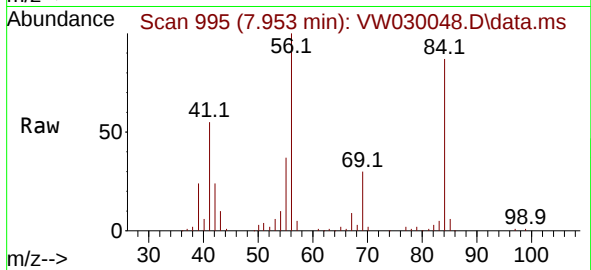




#29
Cyclohexane
Concen: 16.088 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

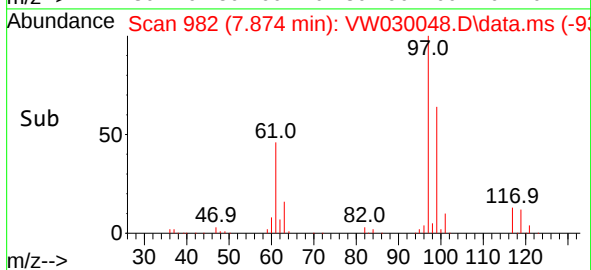
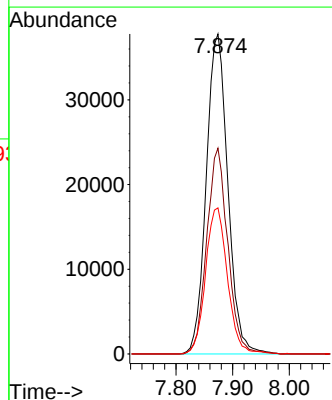
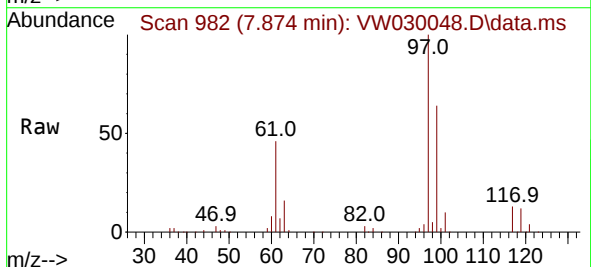
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

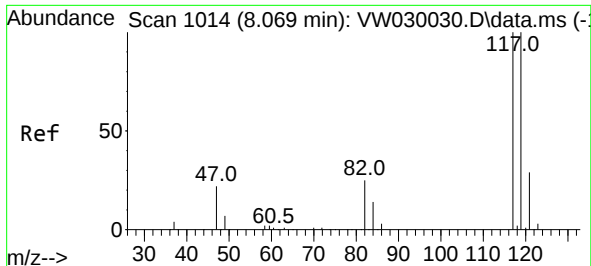
Tgt Ion: 56 Resp: 102268
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 84.4 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 16.219 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 97 Resp: 100009
Ion Ratio Lower Upper
97 100
99 62.7 51.7 77.5
61 46.5 37.2 55.8

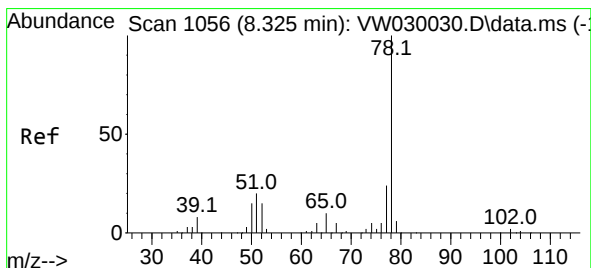
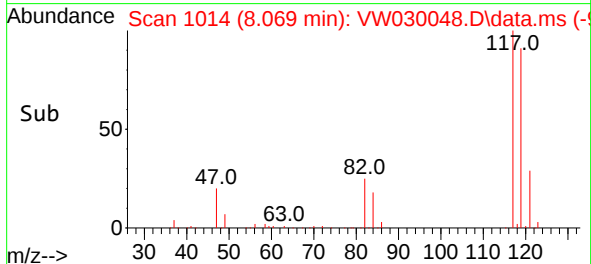
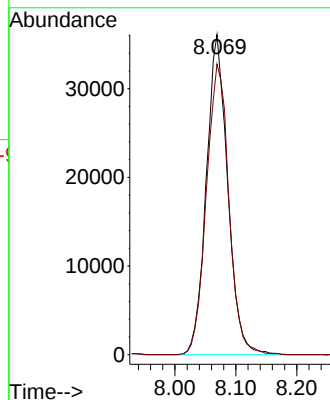
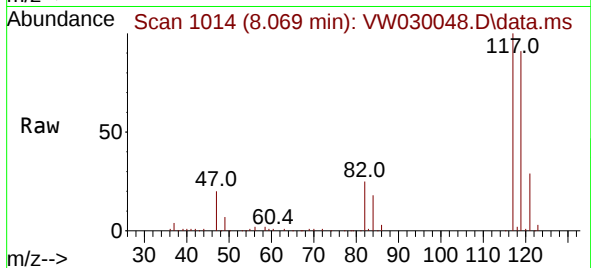




#31
Carbon tetrachloride
Concen: 15.872 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

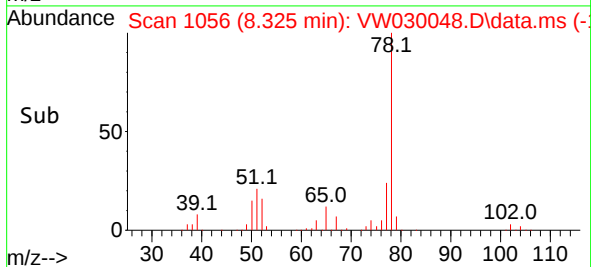
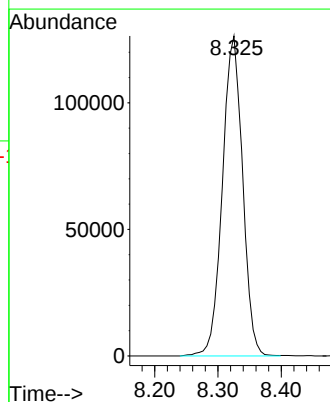
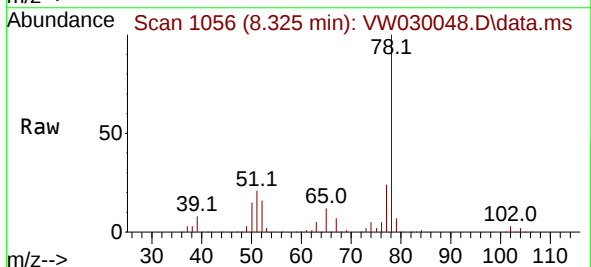
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

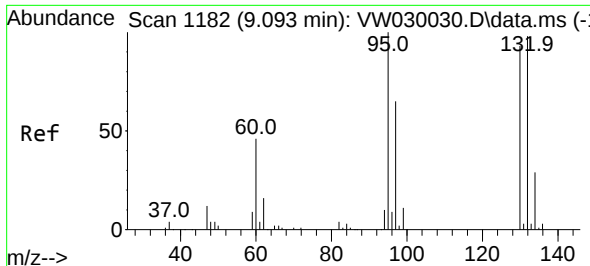
Tgt Ion:117 Resp: 87930
Ion Ratio Lower Upper
117 100
119 95.7 77.7 116.5



#33
Benzene
Concen: 16.611 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 78 Resp: 280195



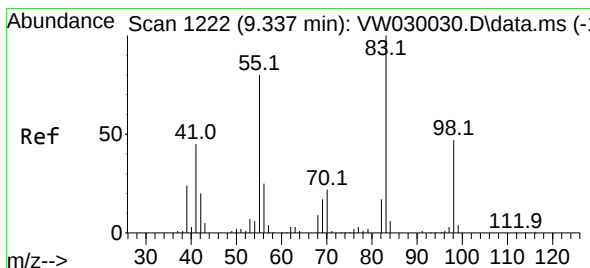
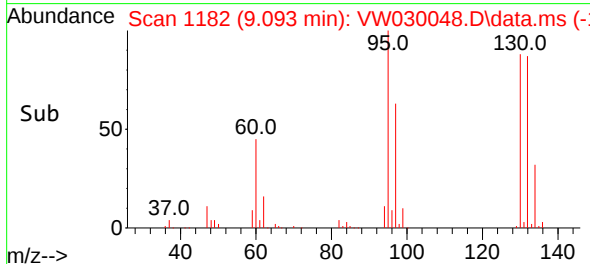
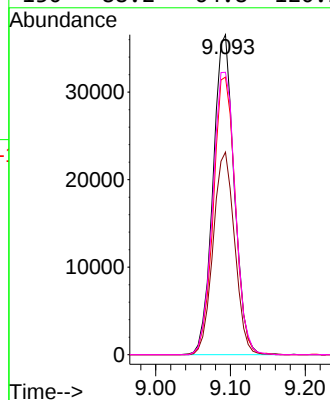
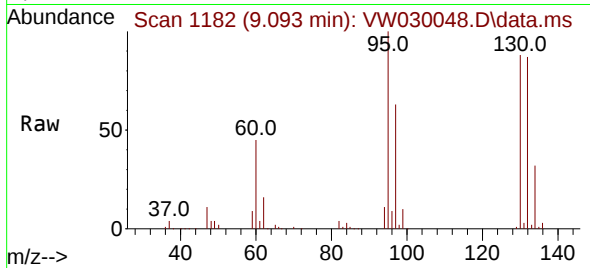


#34
Trichloroethene
Concen: 15.818 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

Tgt Ion: 95 Resp: 71844

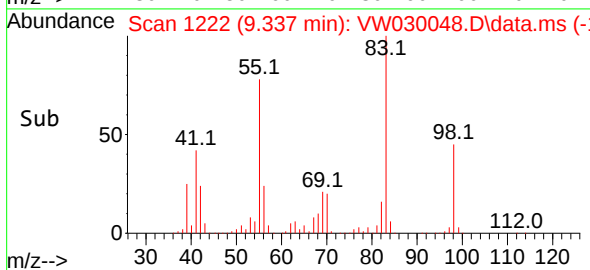
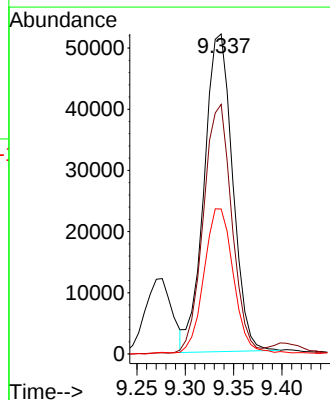
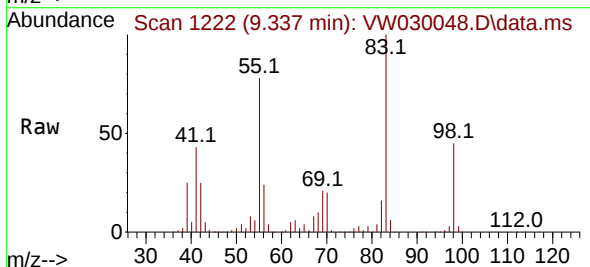
Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.3	80.5
132	86.8	63.6	118.0
130	88.2	64.8	120.3

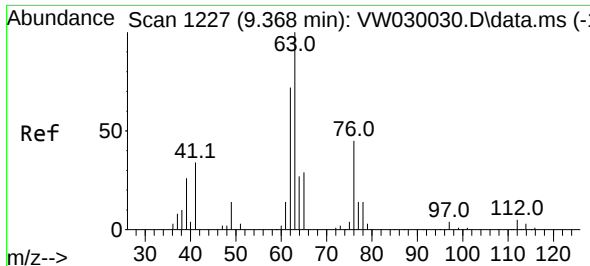


#35
Methylcyclohexane
Concen: 14.304 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 83 Resp: 106404

Ion	Ratio	Lower	Upper
83	100		
55	79.0	59.0	88.6
98	47.4	38.2	57.4





#37

1,2-Dichloropropane

Concen: 17.305 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

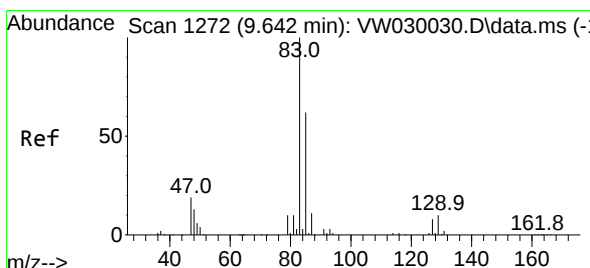
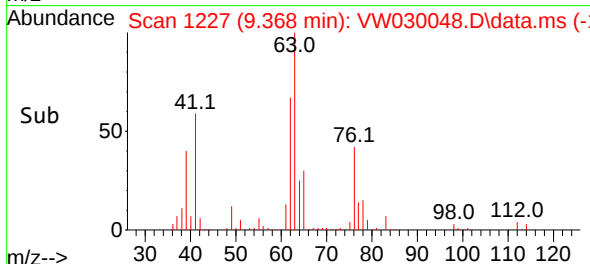
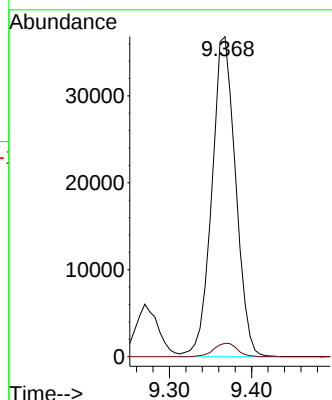
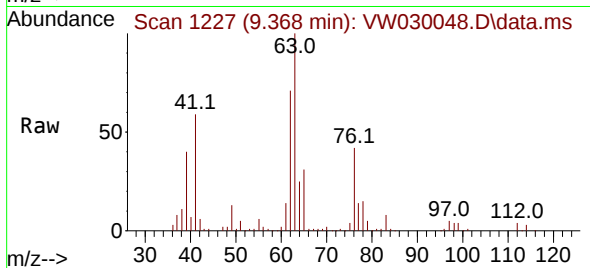
DCYD5MS

Tgt Ion: 63 Resp: 73916

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 17.155 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

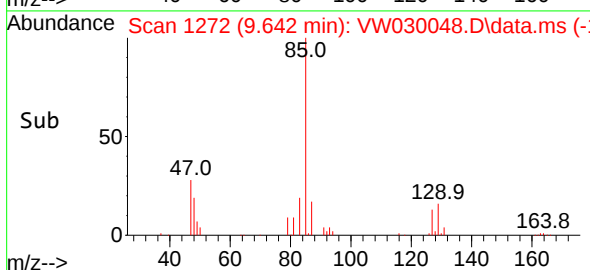
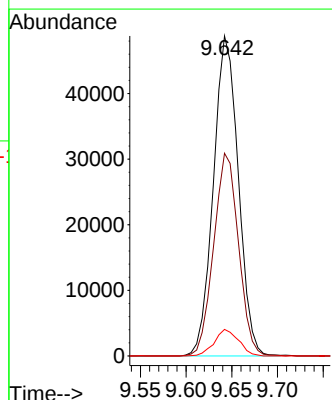
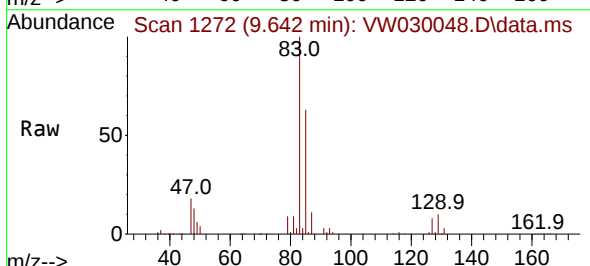
Tgt Ion: 83 Resp: 92456

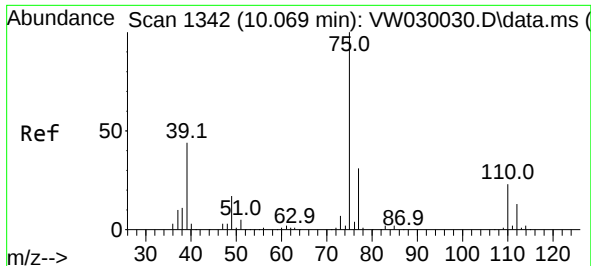
Ion Ratio Lower Upper

83 100

85 63.4 42.9 79.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 17.060 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

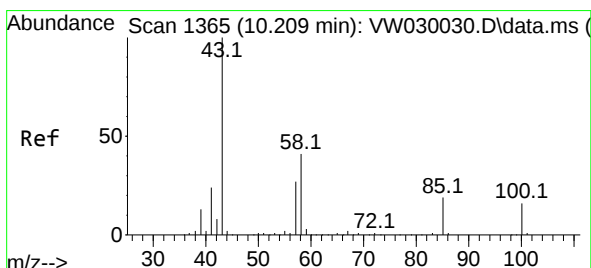
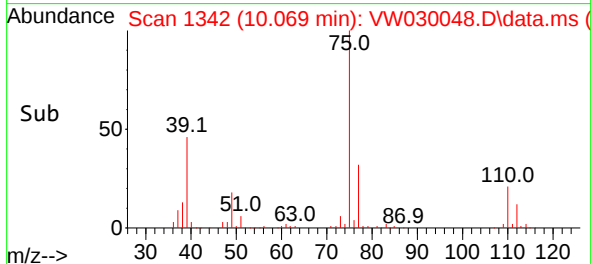
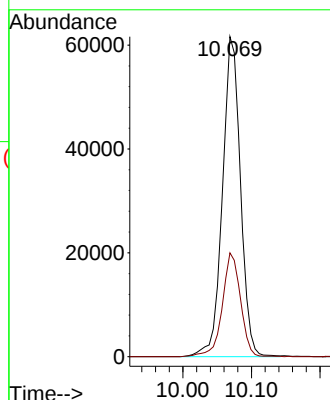
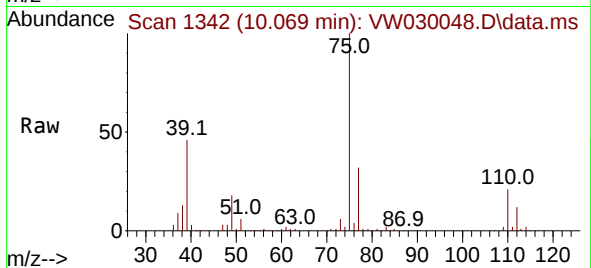
DCYD5MS

Tgt Ion: 75 Resp: 112158

Ion Ratio Lower Upper

75 100

77 32.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 49.660 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

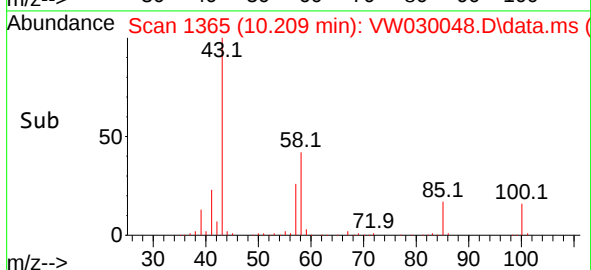
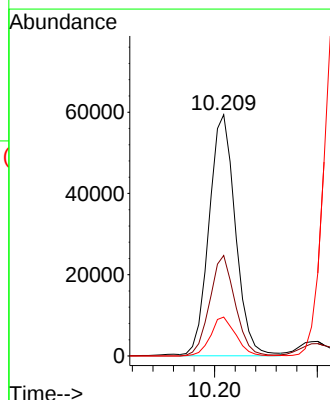
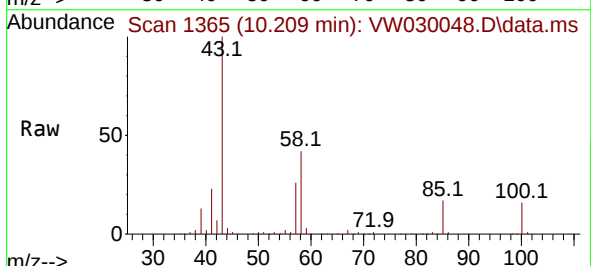
Tgt Ion: 43 Resp: 105586

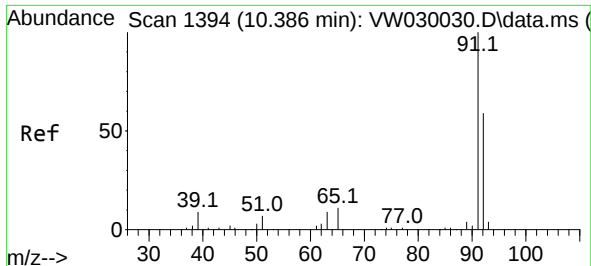
Ion Ratio Lower Upper

43 100

58 40.2 34.0 51.0

100 15.4 13.5 20.3





#42

Toluene

Concen: 16.262 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

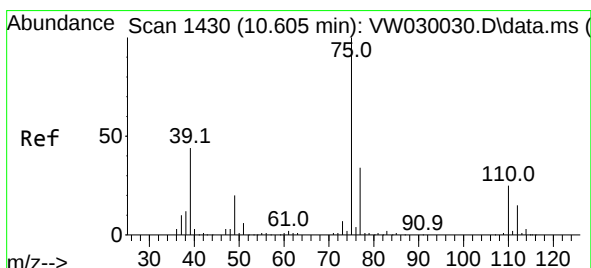
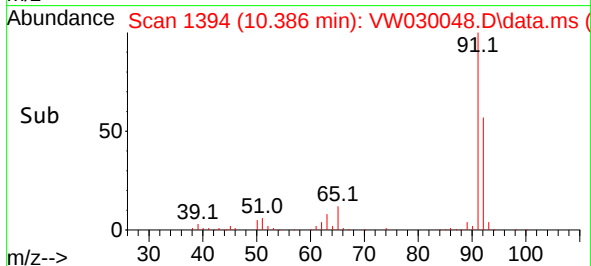
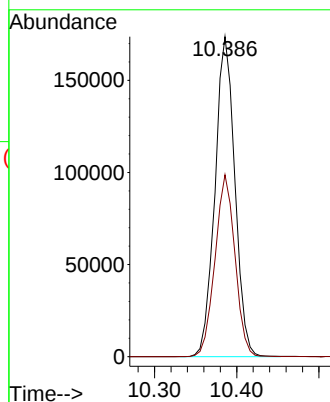
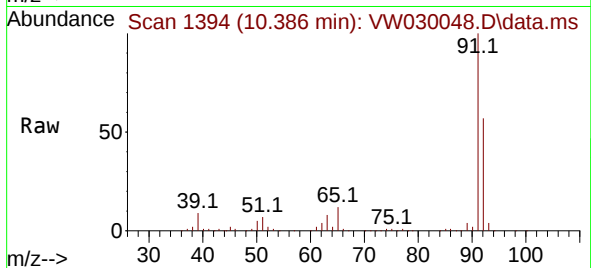
DCYD5MS

Tgt Ion: 91 Resp: 292113

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 17.815 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030048.D

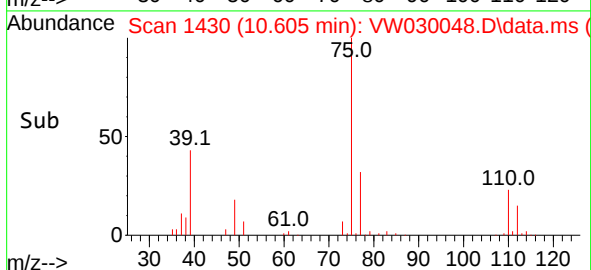
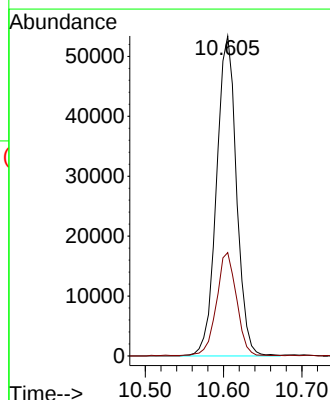
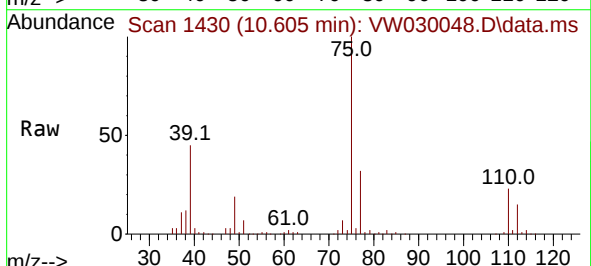
Acq: 27 Aug 2024 16:45

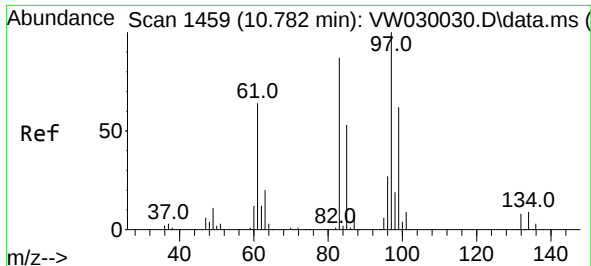
Tgt Ion: 75 Resp: 94774

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8

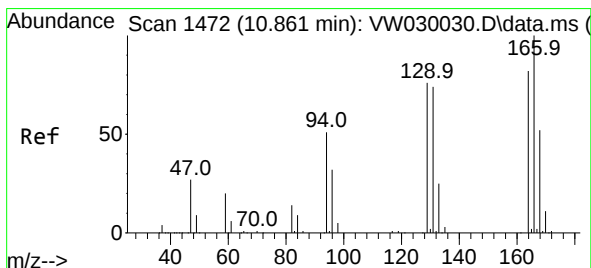
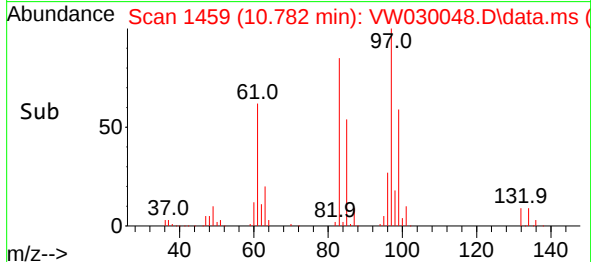
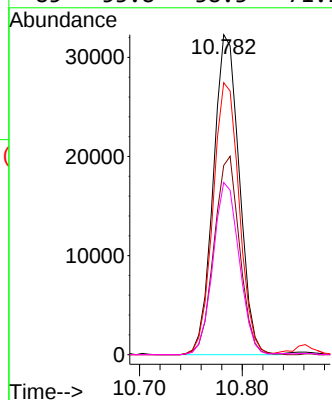
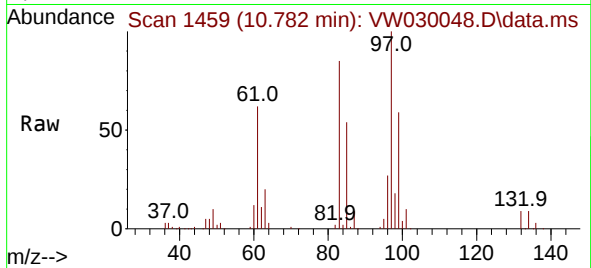




#45
1,1,2-Trichloroethane
Concen: 18.131 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

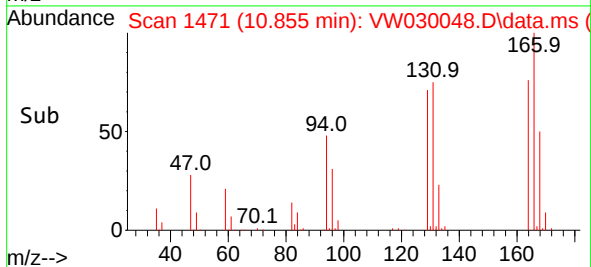
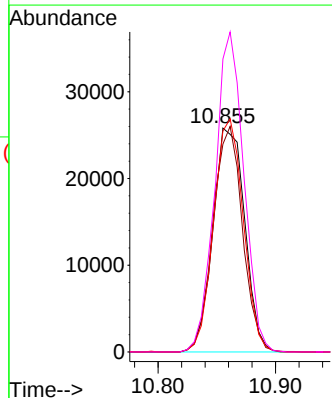
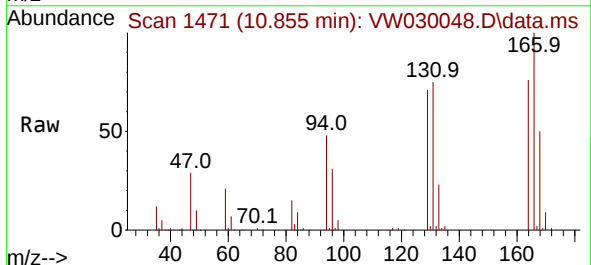
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

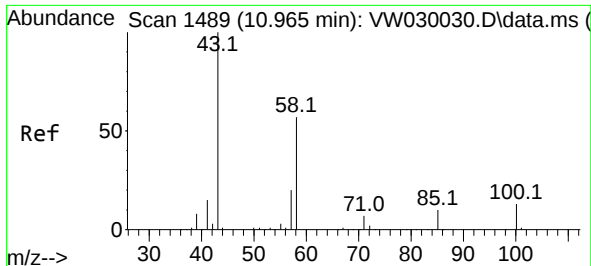
Tgt Ion:	97	Resp:	56763
Ion	Ratio	Lower	Upper
97	100		
99	59.2	40.3	74.8
83	85.0	58.0	107.6
85	53.8	38.3	71.1



#46
Tetrachloroethene
Concen: 14.032 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:	164	Resp:	48371
Ion	Ratio	Lower	Upper
164	100		
129	92.8	66.1	122.7
131	98.7	62.6	116.2
166	130.8	81.2	150.8

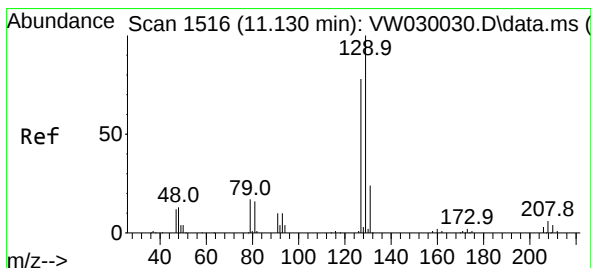
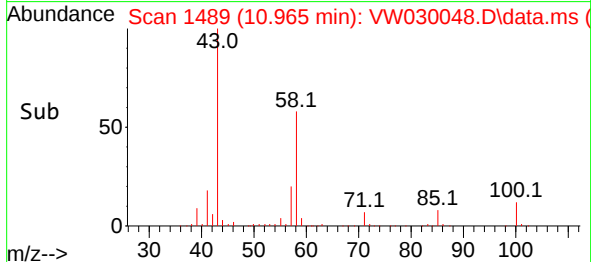
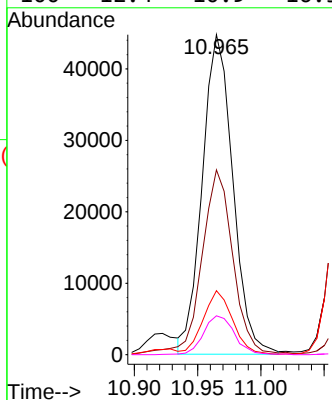
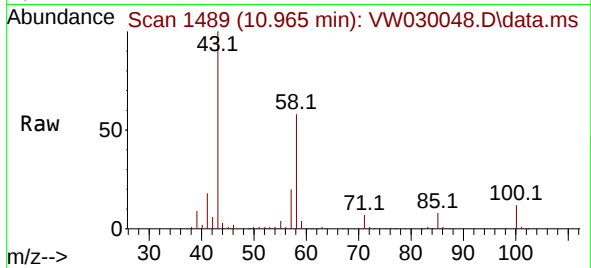




#48
2-Hexanone
Concen: 49.709 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

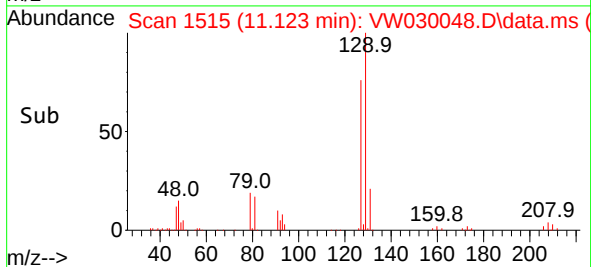
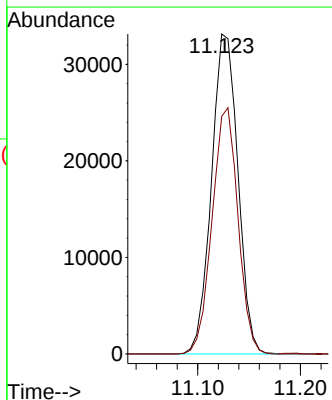
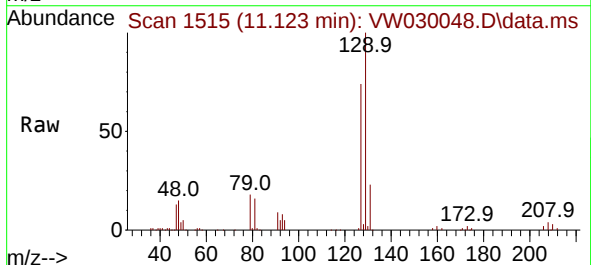
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

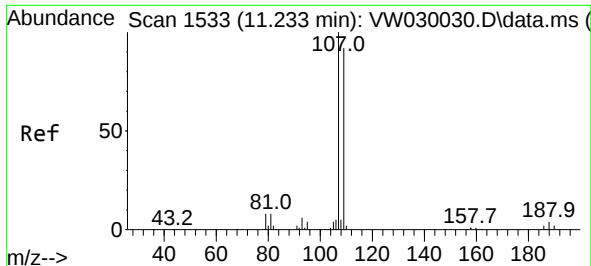
Tgt Ion:	43	Resp:	75135
Ion	Ratio	Lower	Upper
43	100		
58	59.2	50.0	75.0
57	19.5	17.3	25.9
100	12.4	10.9	16.3



#49
Dibromochloromethane
Concen: 17.805 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:	129	Resp:	59227
Ion	Ratio	Lower	Upper
129	100		
127	74.2	51.8	96.2





#50

1,2-Dibromoethane

Concen: 18.023 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

DCYD5MS

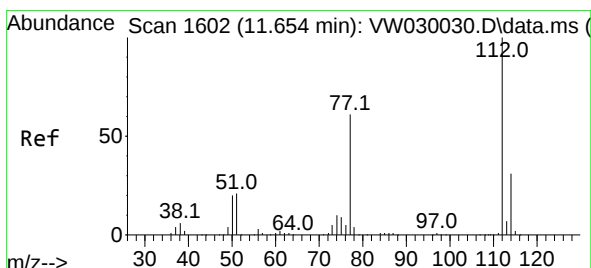
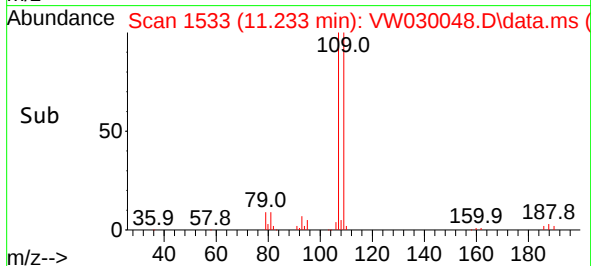
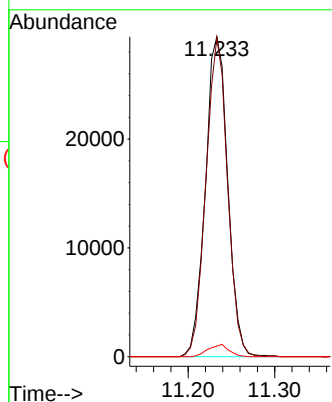
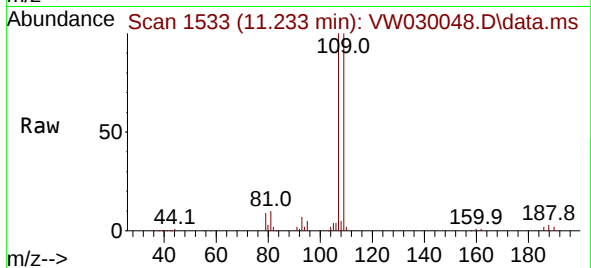
Tgt Ion:107 Resp: 52707

Ion Ratio Lower Upper

107 100

109 99.5 61.7 114.5

188 3.3 3.1 4.7



#51

Chlorobenzene

Concen: 14.531 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

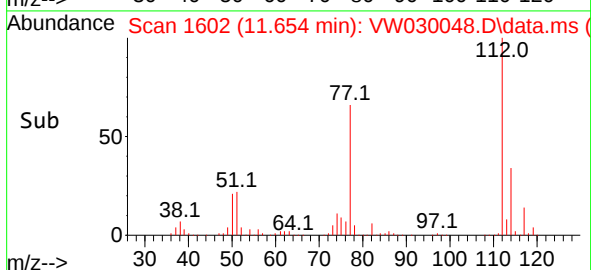
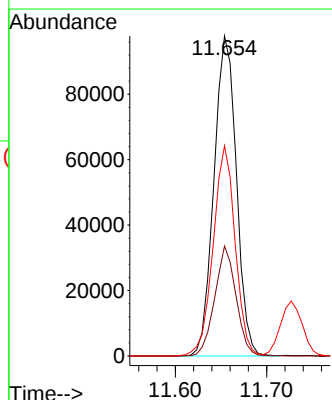
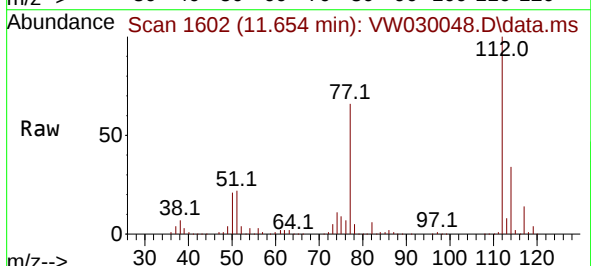
Tgt Ion:112 Resp: 166892

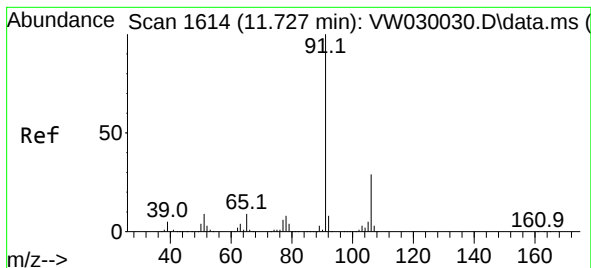
Ion Ratio Lower Upper

112 100

114 34.3 20.9 38.9

77 65.7 47.1 70.7

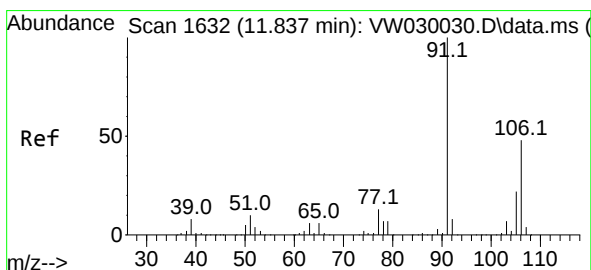
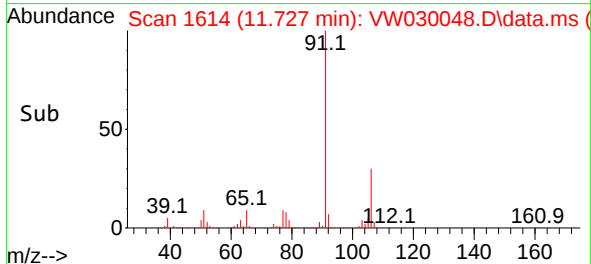
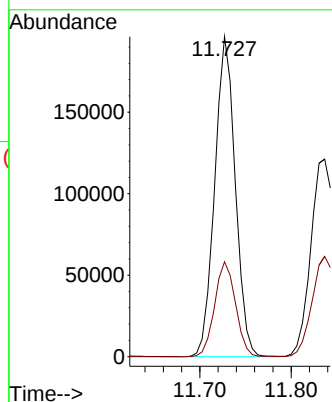
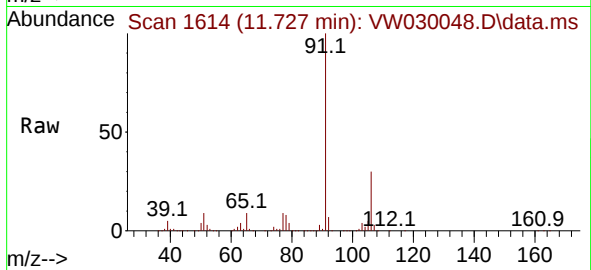




#52
Ethylbenzene
Concen: 15.075 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

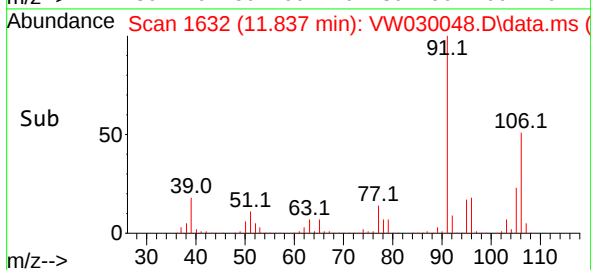
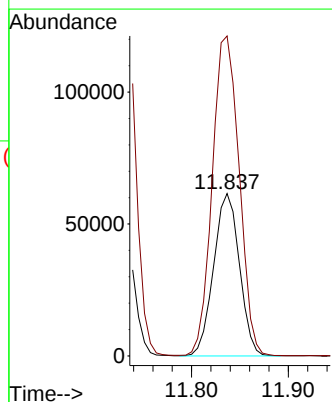
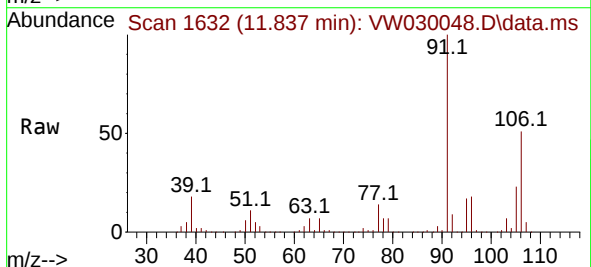
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

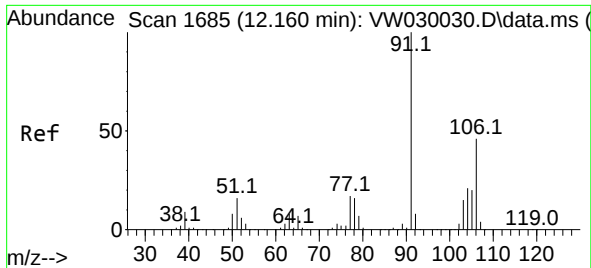
Tgt Ion: 91 Resp: 306832
Ion Ratio Lower Upper
91 100
106 29.7 22.0 41.0



#53
m,p-Xylene
Concen: 15.001 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:106 Resp: 113940
Ion Ratio Lower Upper
106 100
91 197.1 146.7 272.4

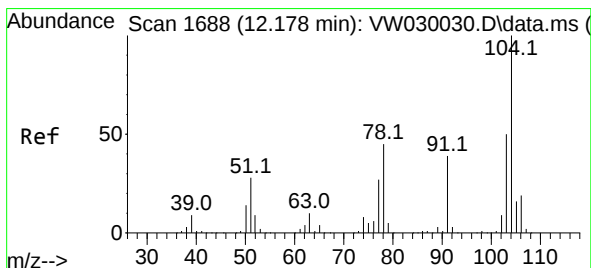
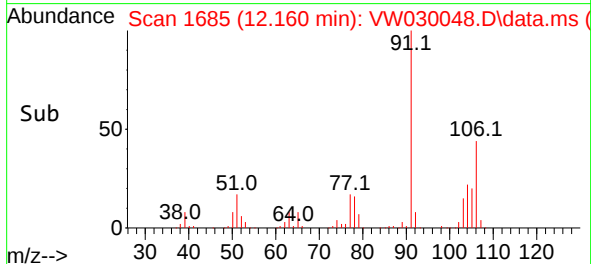
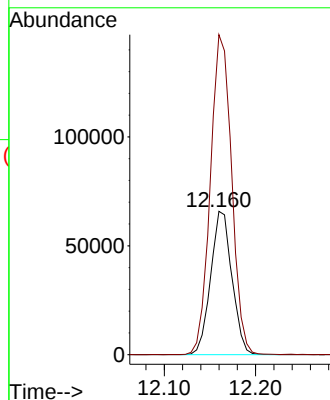
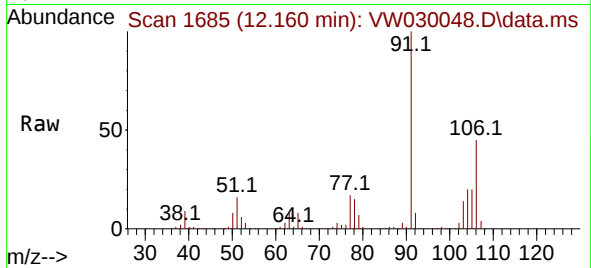




#54
o-Xylene
Concen: 14.595 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

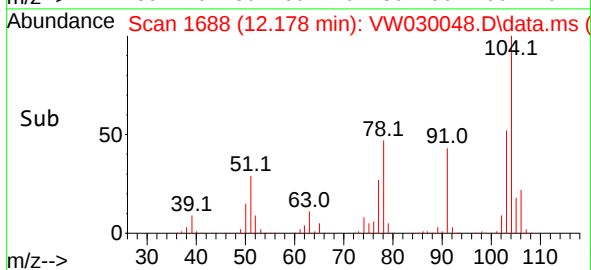
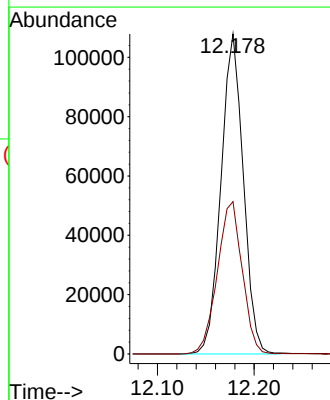
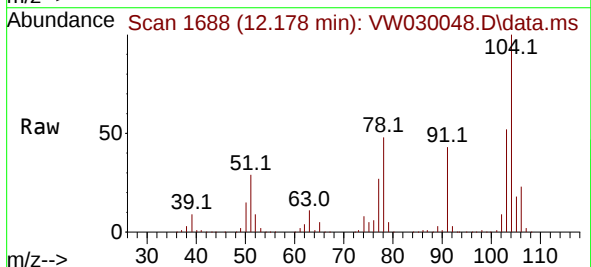
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

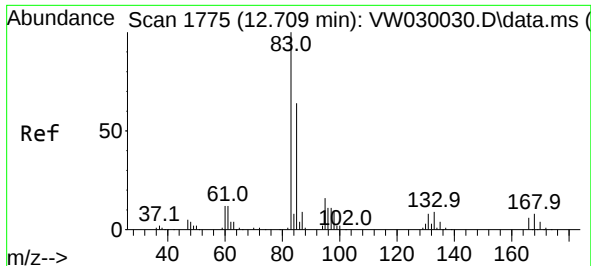
Tgt Ion:106 Resp: 106403
Ion Ratio Lower Upper
106 100
91 223.3 153.9 285.7



#55
Styrene
Concen: 14.142 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:104 Resp: 172741
Ion Ratio Lower Upper
104 100
78 47.6 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 19.743 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

DCYD5MS

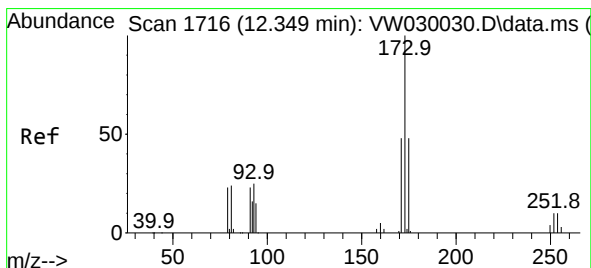
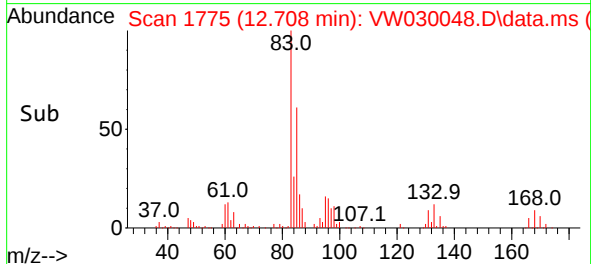
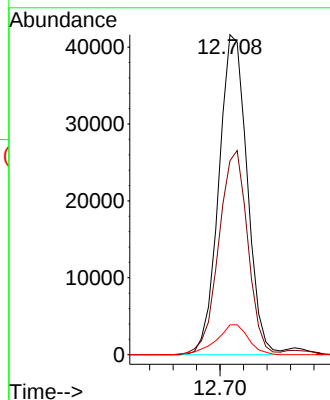
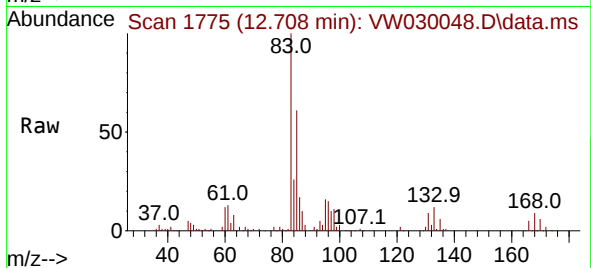
Tgt Ion: 83 Resp: 69605

Ion Ratio Lower Upper

83 100

85 60.6 44.0 81.8

131 9.3 7.3 10.9



#59

Bromoform

Concen: 21.650 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

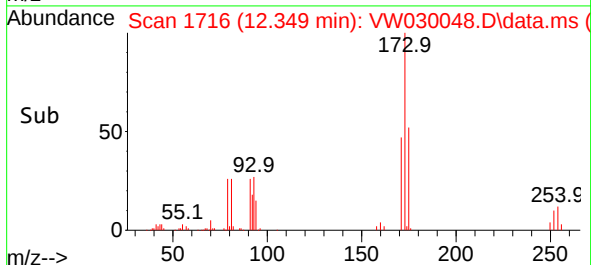
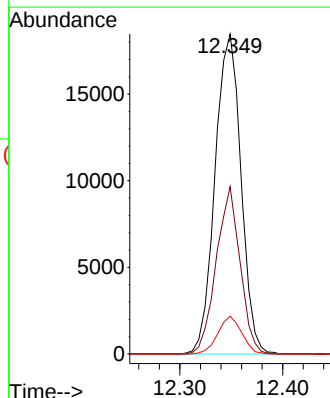
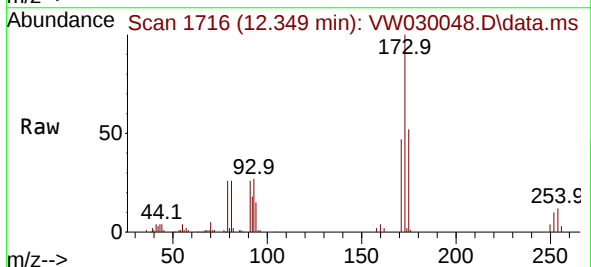
Tgt Ion:173 Resp: 32308

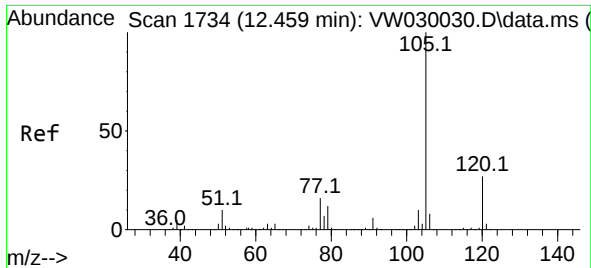
Ion Ratio Lower Upper

173 100

175 48.0 41.4 62.2

254 10.8 8.6 13.0

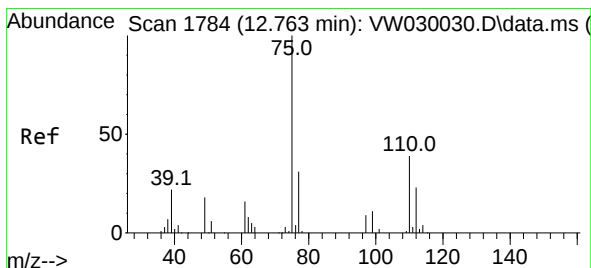
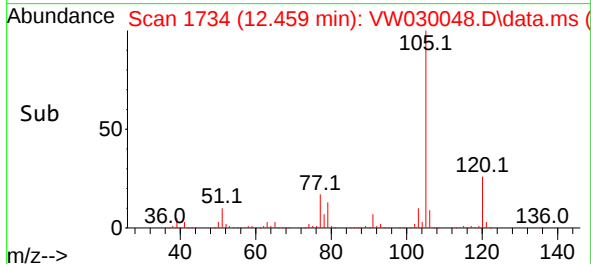
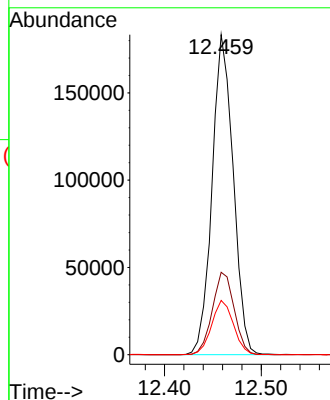
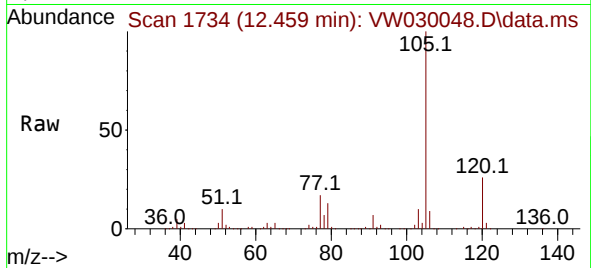




#60
Isopropylbenzene
Concen: 17.383 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

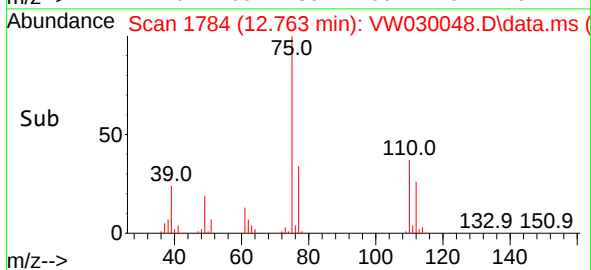
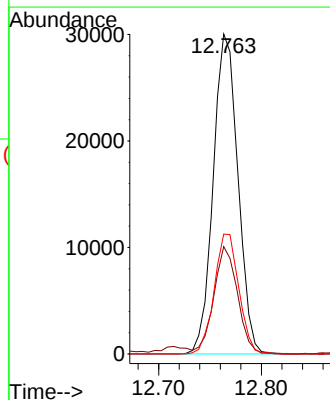
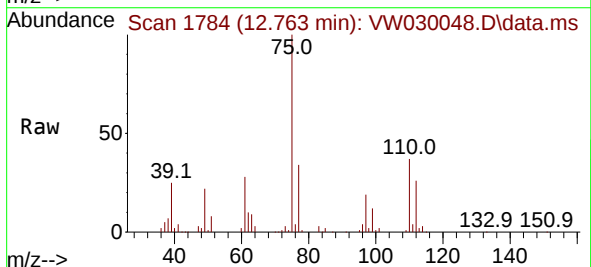
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

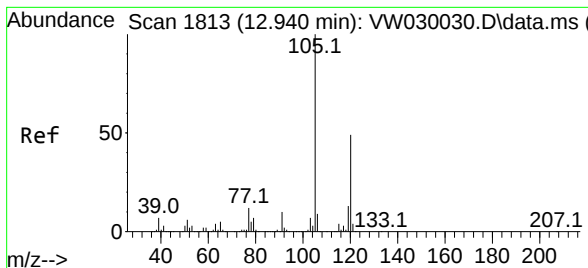
Tgt Ion:105 Resp: 277901
Ion Ratio Lower Upper
105 100
120 26.6 20.6 30.8
77 17.6 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 24.589 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 75 Resp: 50101
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 37.4 31.0 46.4

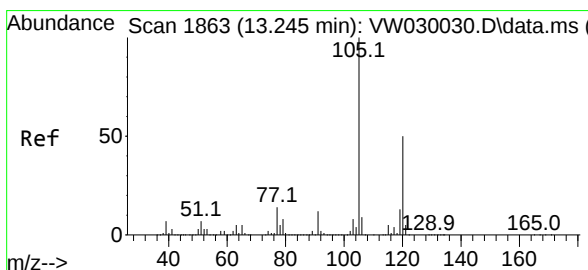
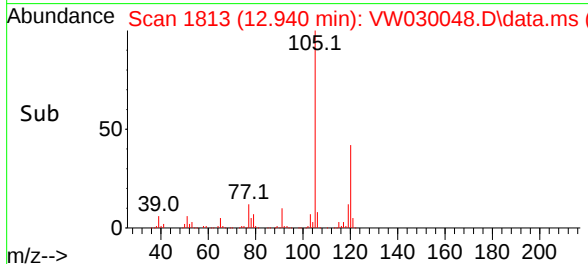
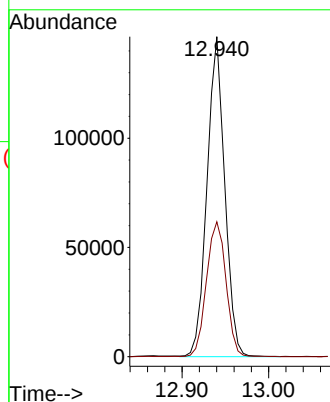
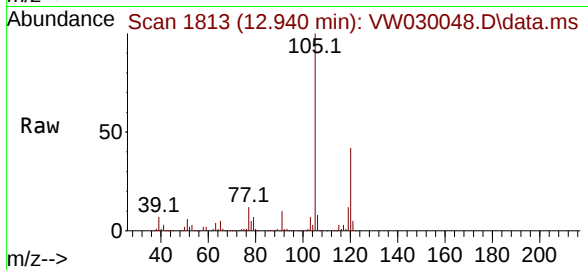




#62
1,3,5-Trimethylbenzene
Concen: 17.545 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

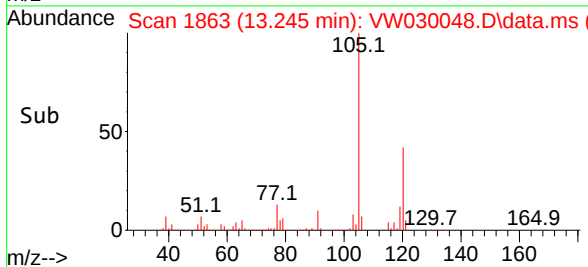
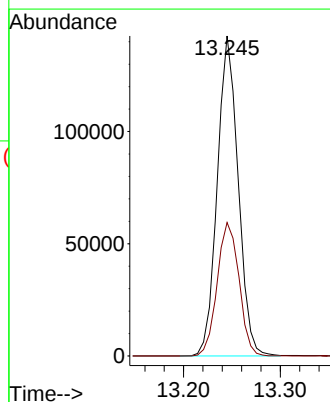
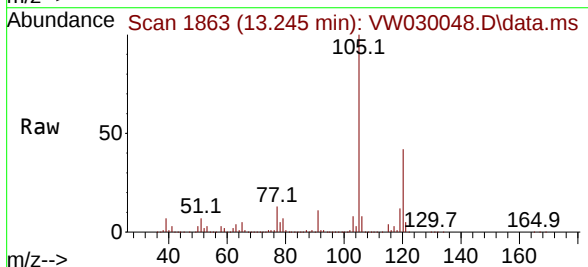
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

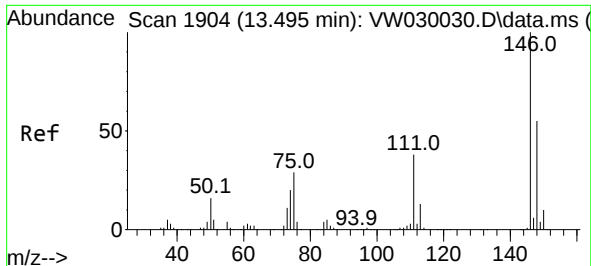
Tgt Ion:105 Resp: 208563
Ion Ratio Lower Upper
105 100
120 46.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 17.063 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:105 Resp: 213787
Ion Ratio Lower Upper
105 100
120 43.5 36.3 54.5

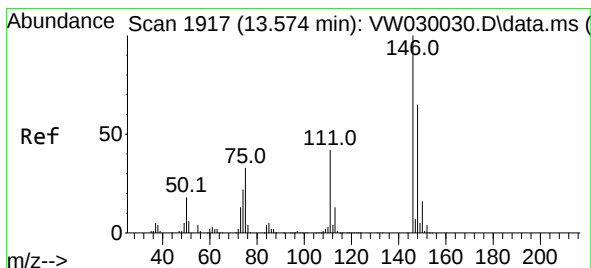
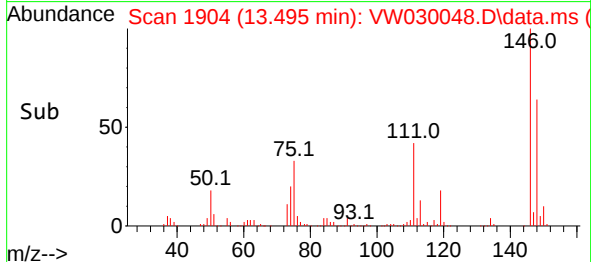
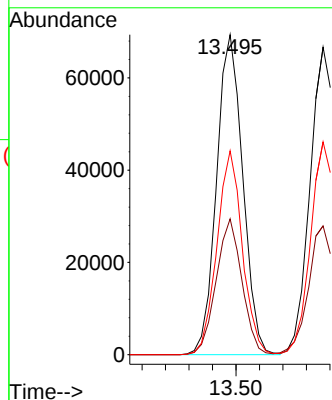
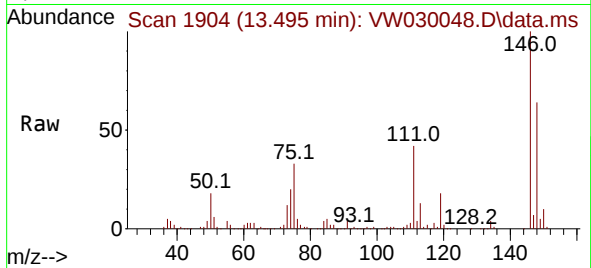




#64
1,3-Dichlorobenzene
Concen: 15.783 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

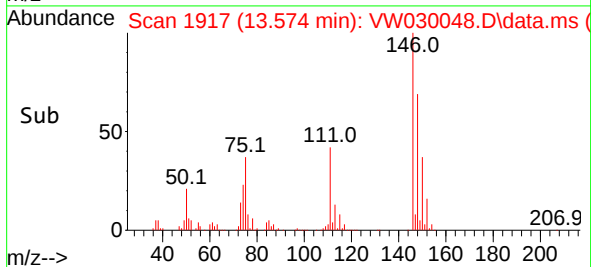
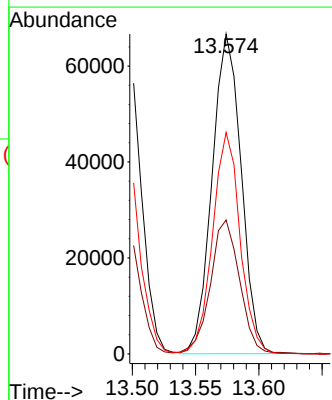
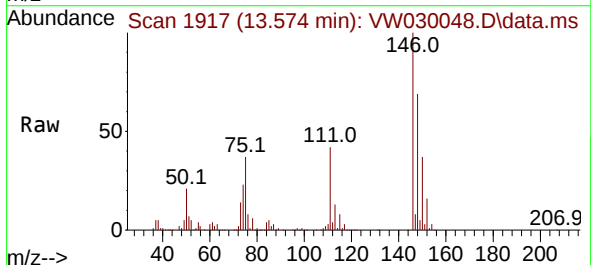
Instrument :
MSVOA_W
ClientSampleId :
DCYD5MS

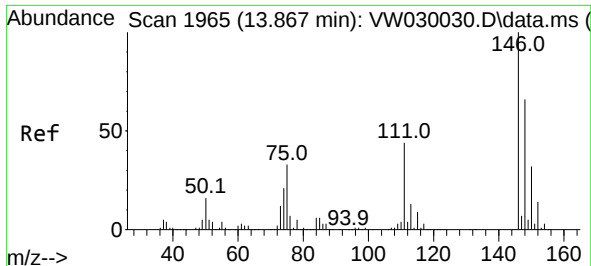
Tgt Ion:146 Resp: 107570
Ion Ratio Lower Upper
146 100
111 42.5 29.1 54.1
148 63.7 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 15.492 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:146 Resp: 106663
Ion Ratio Lower Upper
146 100
111 41.9 28.2 52.4
148 69.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 15.786 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

DCYD5MS

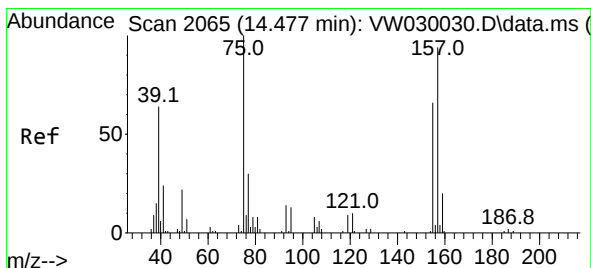
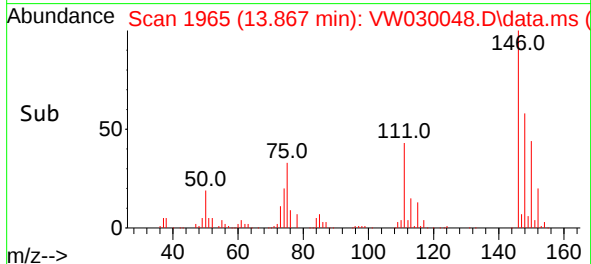
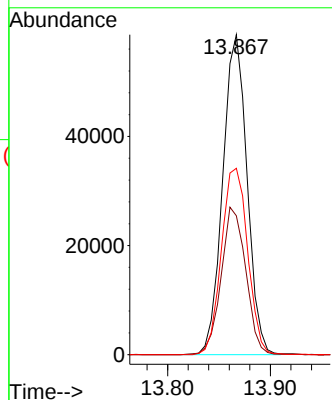
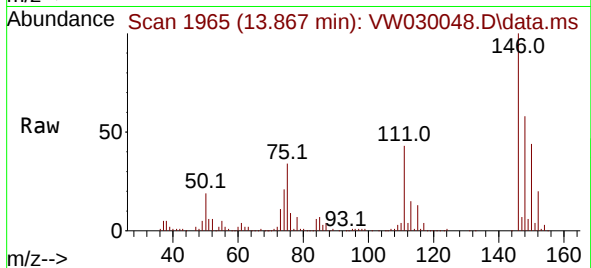
Tgt Ion:146 Resp: 96243

Ion Ratio Lower Upper

146 100

111 43.4 34.7 52.1

148 58.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.138 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

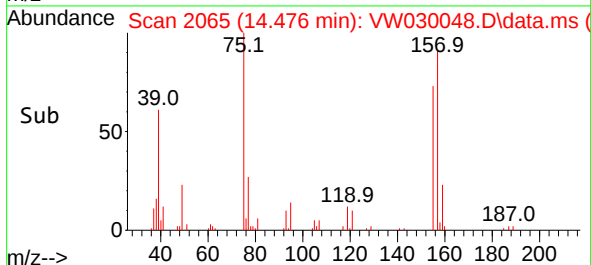
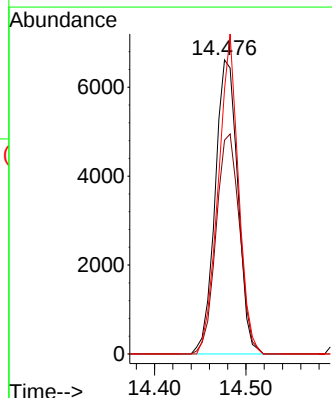
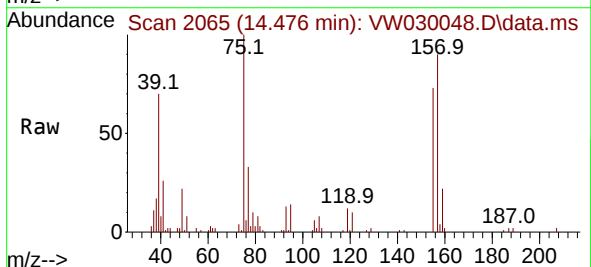
Tgt Ion: 75 Resp: 11400

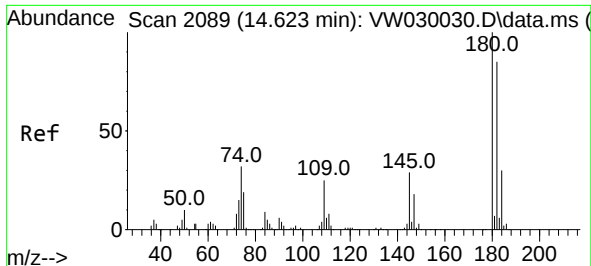
Ion Ratio Lower Upper

75 100

155 72.7 62.8 94.2

157 90.0 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 11.022 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

DCYD5MS

Tgt Ion:180 Resp: 49042

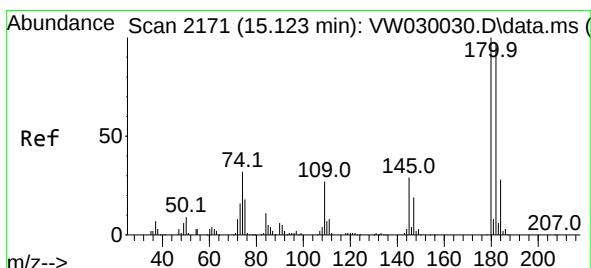
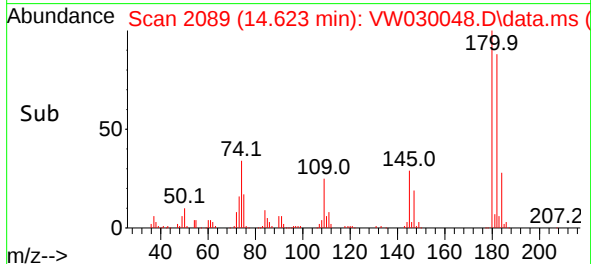
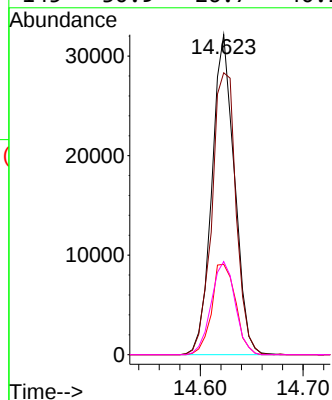
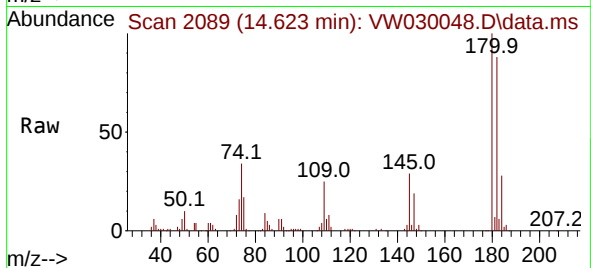
Ion Ratio Lower Upper

180 100

182 94.3 79.7 119.5

184 30.0 25.1 37.7

145 30.9 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 10.851 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

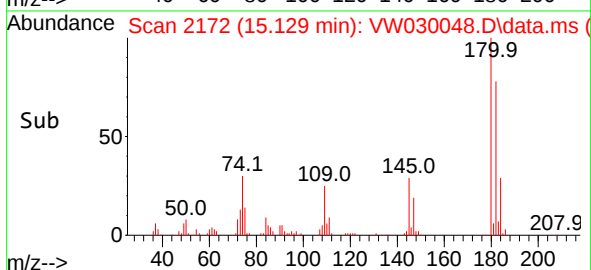
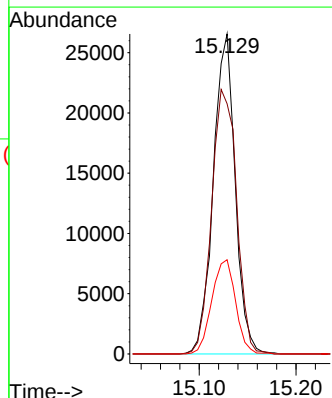
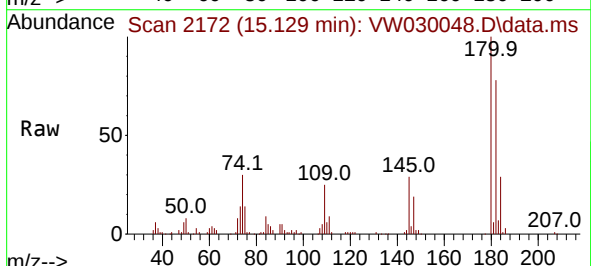
Tgt Ion:180 Resp: 41791

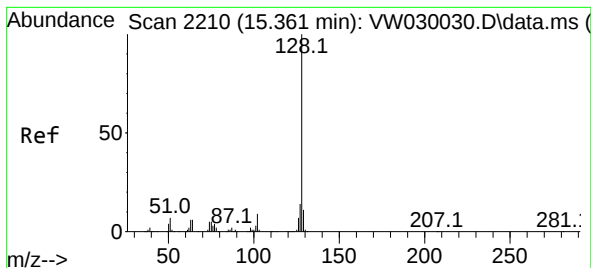
Ion Ratio Lower Upper

180 100

182 94.0 75.3 112.9

145 31.9 24.7 37.1





#71

Naphthalene

Concen: 16.746 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

DCYD5MS

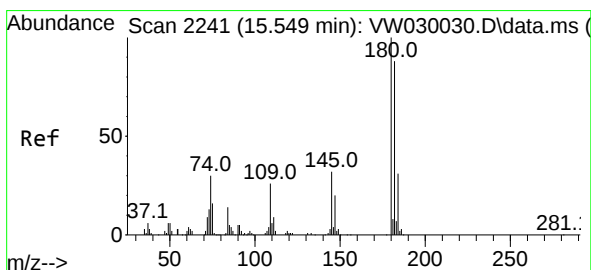
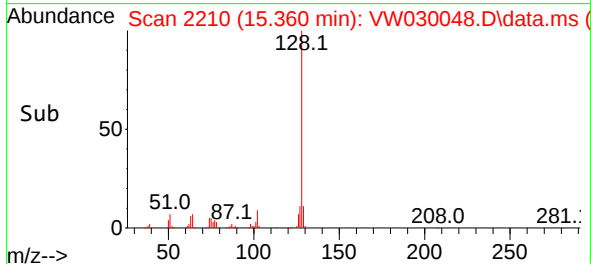
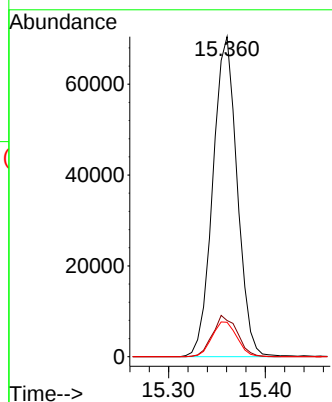
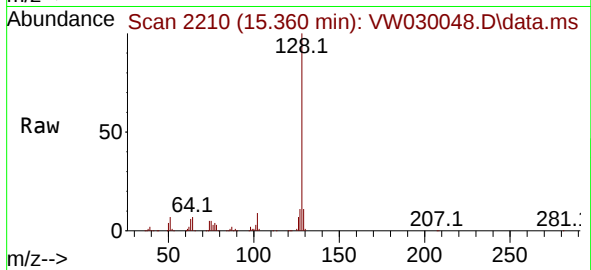
Tgt Ion:128 Resp: 123150

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 11.225 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Tgt Ion:180 Resp: 37945

Ion Ratio Lower Upper

180 100

182 91.6 77.2 115.8

145 32.4 26.5 39.7

