

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030047.D
 Acq On : 27 Aug 2024 16:21
 Operator : SY/MD
 Sample : P3721-09MSD
 Misc : 6.32g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ0MSD

Quant Time: Aug 28 01:16:35 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	307468	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233173	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	70399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84312	18.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
7) Chloroethane-d5	2.893	69	63011	19.404	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	4.027	65	38687	19.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.160%
21) 2-Butanone-d5	7.081	46	54095	59.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.620%
24) Chloroform-d	7.648	84	172166	20.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.040%
26) 1,2-Dichloroethane-d4	8.307	65	92925	22.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	8.276	84	338218	24.574	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.280%
36) 1,2-Dichloropropane-d6	9.270	67	104730	25.972	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.880%
41) Toluene-d8	10.319	98	280629	22.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.575	79	40464	24.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.560%
47) 2-Hexanone-d5	10.922	63	47533	77.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.040%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77008	25.938	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	48791	19.161	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	69342	19.609	ug/L	96
3) Chloromethane	2.223	50	87323	21.242	ug/L	100
5) Vinyl chloride	2.375	62	95326	19.618	ug/L	95
6) Bromomethane	2.789	94	56485	18.706	ug/L	93
8) Chloroethane	2.930	64	54434	19.441	ug/L	99
9) Trichlorofluoromethane	3.265	101	82574	19.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	77516	19.256	ug/L	97
12) 1,1-Dichloroethene	4.045	96	74937	19.014	ug/L	95
13) Acetone	4.131	43	103612	124.198	ug/L	100
14) Carbon disulfide	4.393	76	250291	20.472	ug/L	98
15) Methyl Acetate	4.673	43	42877	26.361	ug/L #	73
16) Methylene chloride	4.923	84	97079	19.113	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	84876	19.473	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	154096	23.118	ug/L	99
19) 1,1-Dichloroethane	6.216	63	169171	20.887	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	94342	19.584	ug/L	92
22) 2-Butanone	7.173	43	61448	51.474	ug/L	96
23) Bromochloromethane	7.508	128	42148	20.627	ug/L	93
25) Chloroform	7.679	83	165998	20.037	ug/L	99

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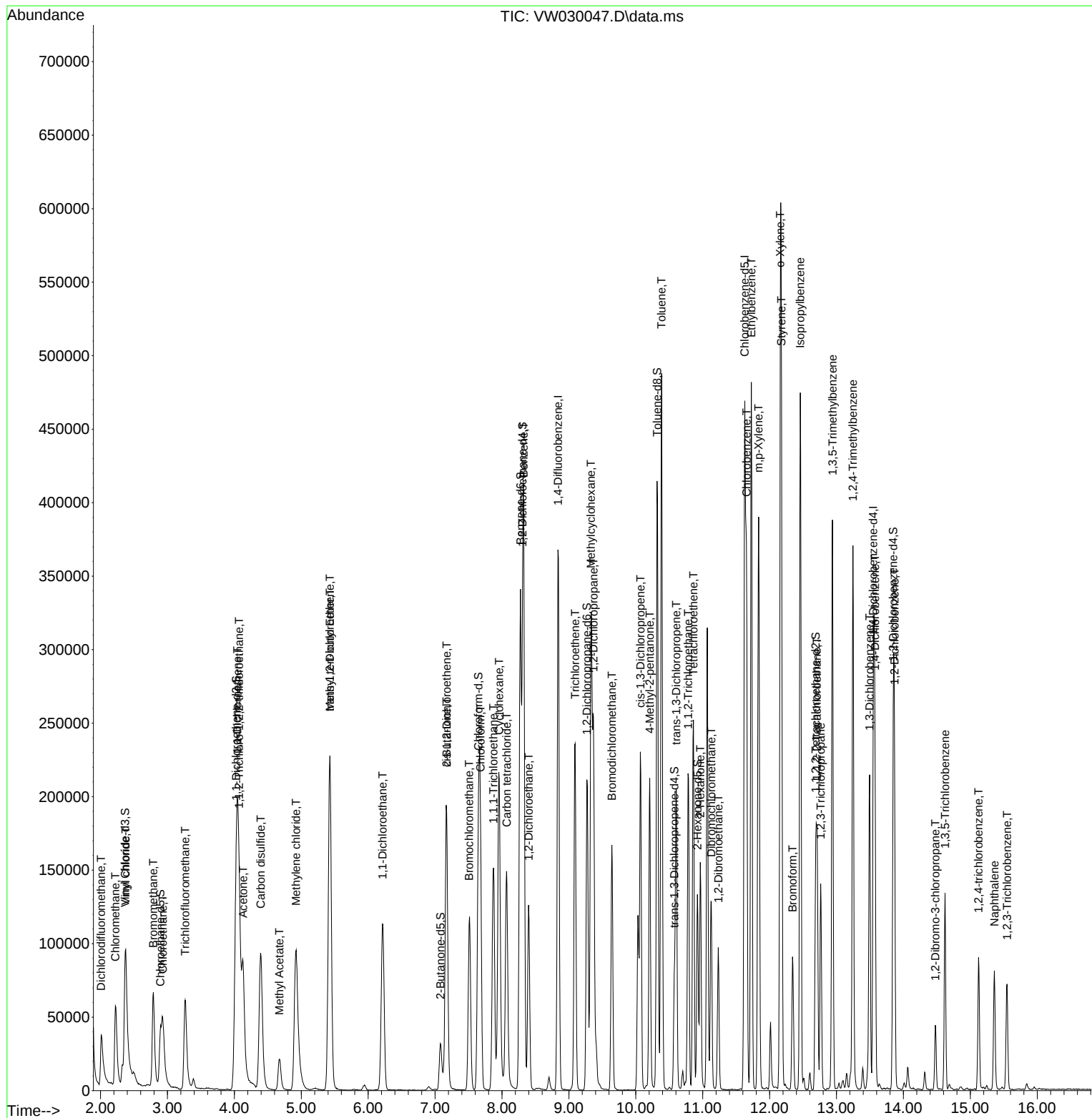
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	113101	21.328	ug/L	100
29) Cyclohexane	7.959	56	132911	23.607	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	129499	23.712	ug/L	99
31) Carbon tetrachloride	8.069	117	115196	23.477	ug/L	98
33) Benzene	8.325	78	355394	23.789	ug/L	100
34) Trichloroethene	9.093	95	88862	22.090	ug/L	97
35) Methylcyclohexane	9.331	83	131205	19.914	ug/L	95
37) 1,2-Dichloropropane	9.368	63	95682	25.292	ug/L	98
38) Bromodichloromethane	9.642	83	113243	23.724	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	136884	23.508	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	136276	72.366	ug/L	97
42) Toluene	10.386	91	353085	22.193	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	112903	23.962	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	68342	24.647	ug/L	98
46) Tetrachloroethene	10.861	164	56589	18.534	ug/L	95
48) 2-Hexanone	10.965	43	94872	70.868	ug/L	96
49) Dibromochloromethane	11.129	129	67981	23.074	ug/L	92
50) 1,2-Dibromoethane	11.233	107	65280	25.204	ug/L	98
51) Chlorobenzene	11.654	112	180243	17.719	ug/L	94
52) Ethylbenzene	11.727	91	338117	18.757	ug/L	96
53) m,p-Xylene	11.837	106	121918	18.123	ug/L	97
54) o-Xylene	12.160	106	115674	17.915	ug/L	97
55) Styrene	12.178	104	165421	15.291	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	78146	25.027	ug/L	99
59) Bromoform	12.343	173	36853	35.153	ug/L	98
60) Isopropylbenzene	12.458	105	305992	27.244	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59193	41.353	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	211072	25.275	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	198371	22.536	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	84744	17.699	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	85628	17.703	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	78995	18.443	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11546	37.682	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	38960	12.463	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	26843	9.921	ug/L	98
71) Naphthalene	15.360	128	67768	13.117	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	23457	9.877	ug/L	96

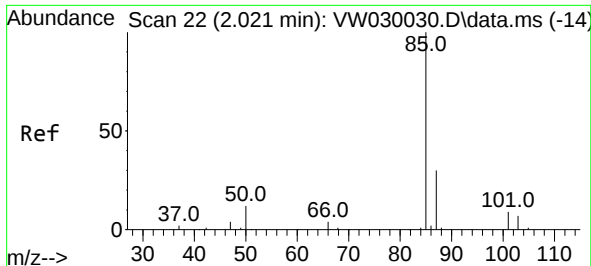
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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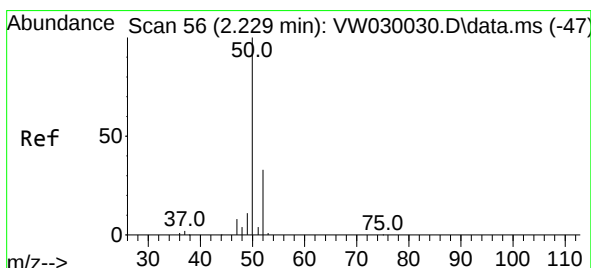
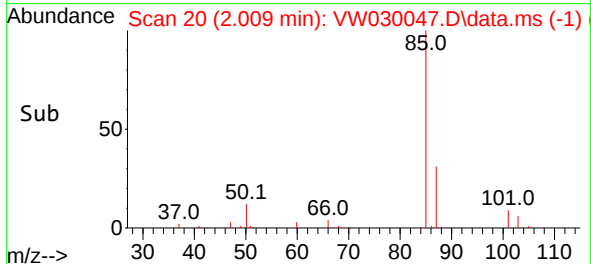
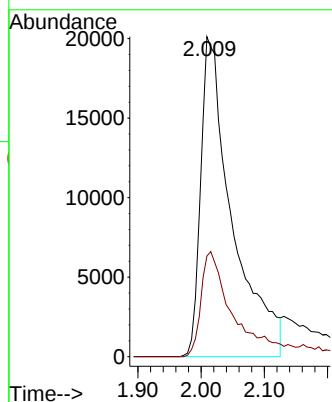
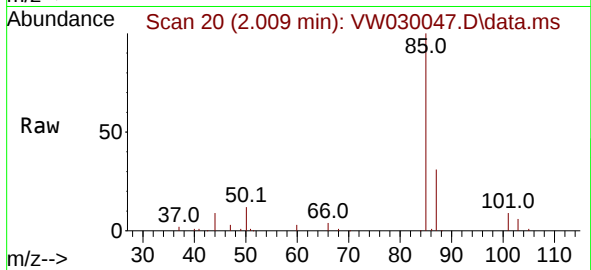




#2
 Dichlorodifluoromethane
 Concen: 19.609 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VW030047.D
 Acq: 27 Aug 2024 16:21

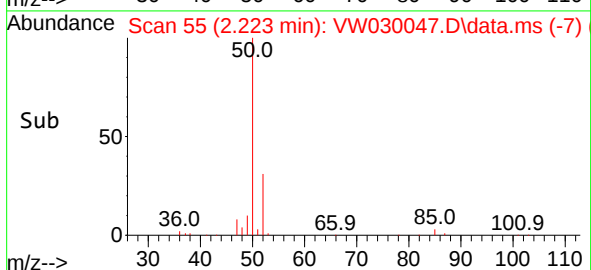
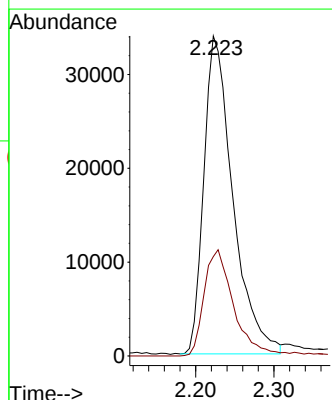
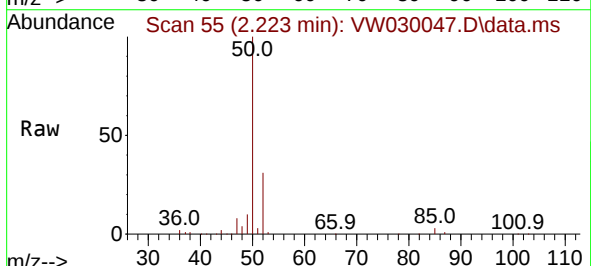
Instrument :
 MSVOA_W
 ClientSampleId :
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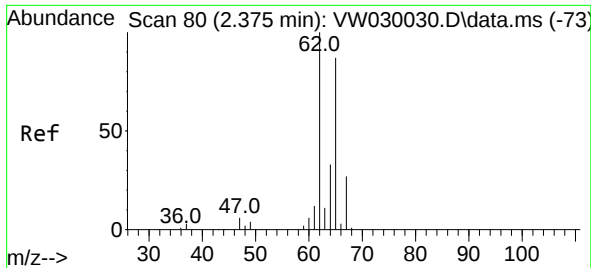
Tgt Ion: 85 Resp: 69342
 Ion Ratio Lower Upper
 85 100
 87 28.1 24.2 36.2



#3
 Chloromethane
 Concen: 21.242 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW030047.D
 Acq: 27 Aug 2024 16:21

Tgt Ion: 50 Resp: 87323
 Ion Ratio Lower Upper
 50 100
 52 31.0 21.6 40.2

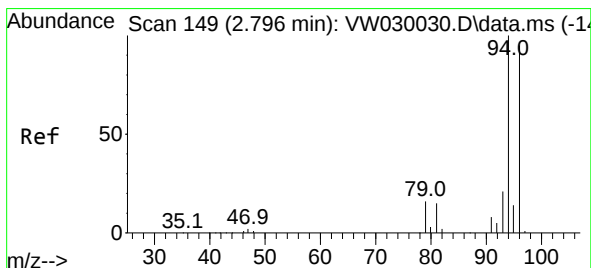
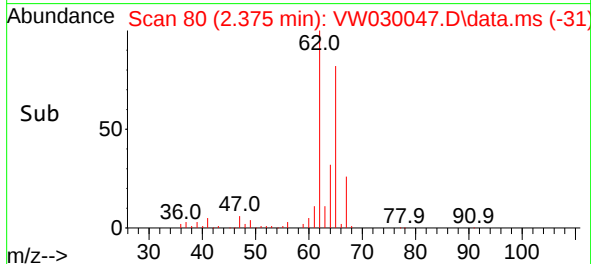
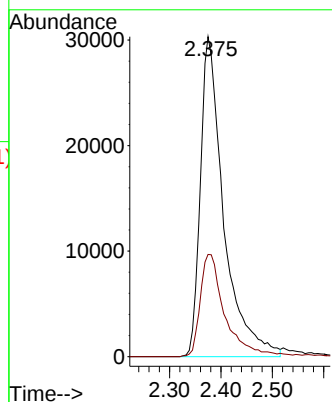
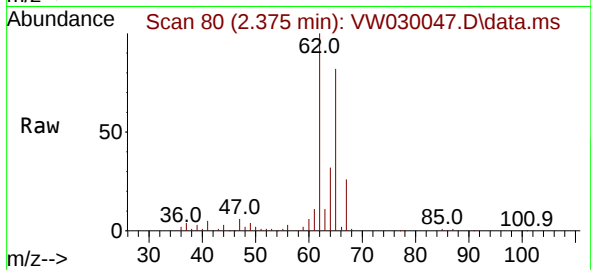




#5
 Vinyl chloride
 Concen: 19.618 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030047.D
 Acq: 27 Aug 2024 16:21

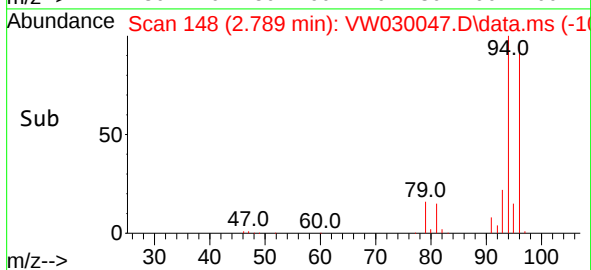
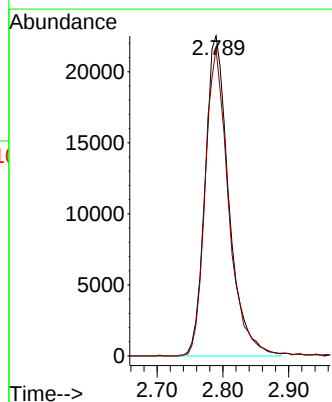
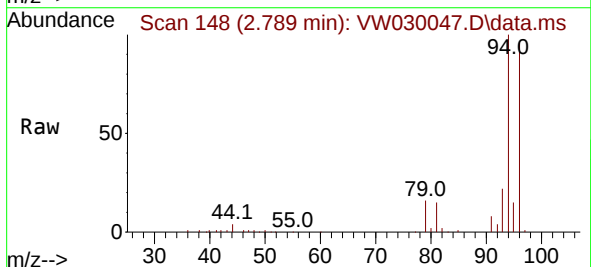
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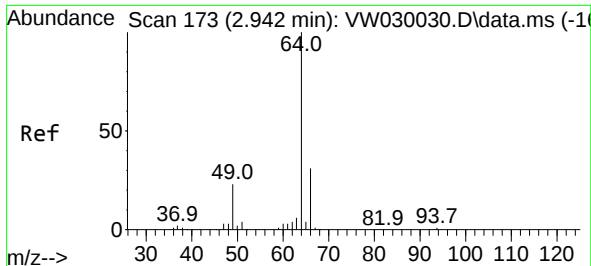
Tgt Ion: 62 Resp: 95326
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.4 45.4



#6
 Bromomethane
 Concen: 18.706 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030047.D
 Acq: 27 Aug 2024 16:21

Tgt Ion: 94 Resp: 56485
 Ion Ratio Lower Upper
 94 100
 96 96.1 62.4 115.8

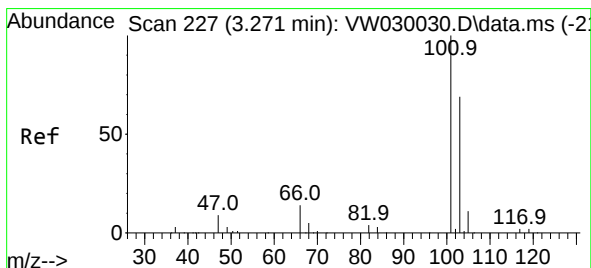
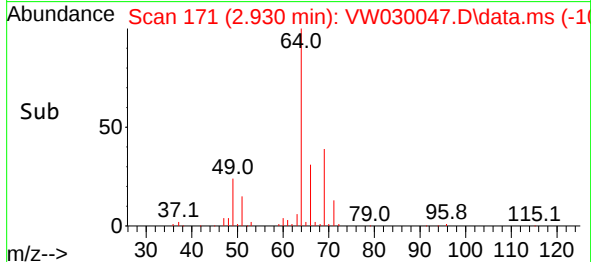
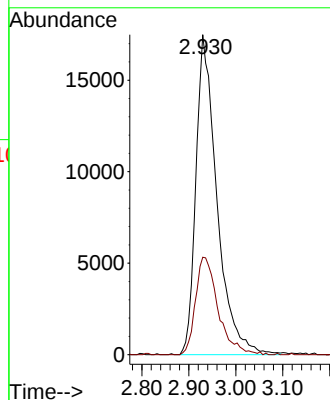
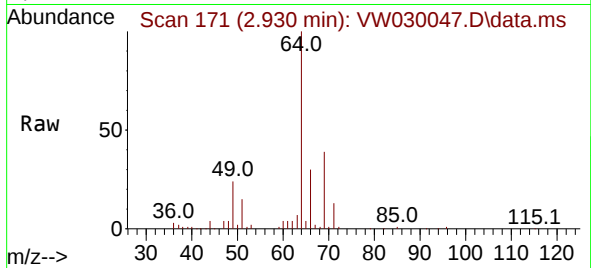




#8
Chloroethane
Concen: 19.441 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

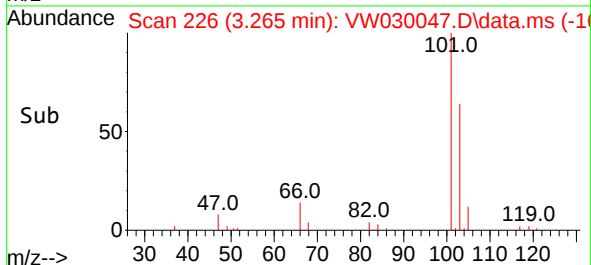
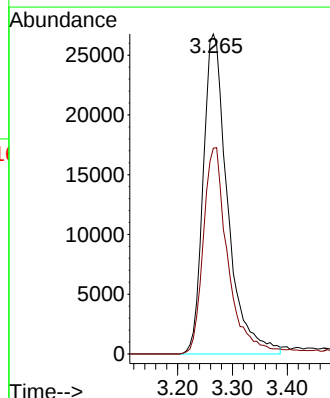
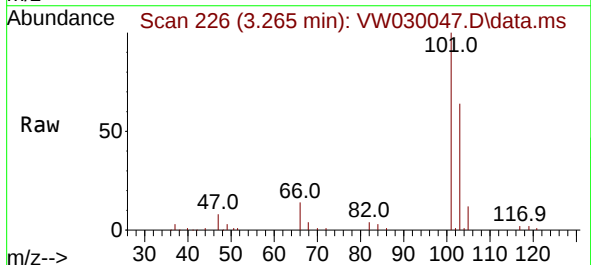
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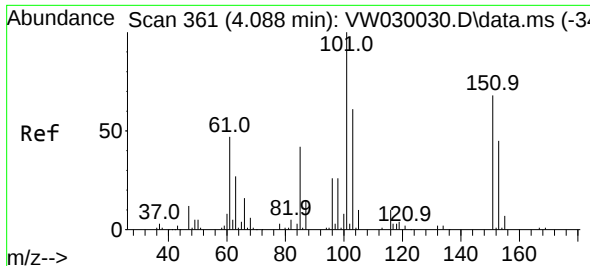
Tgt Ion: 64 Resp: 54434
Ion Ratio Lower Upper
64 100
66 30.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.625 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 101 Resp: 82574
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

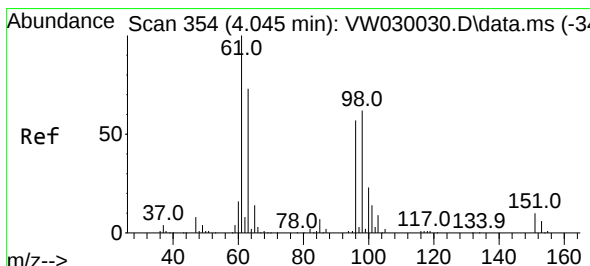
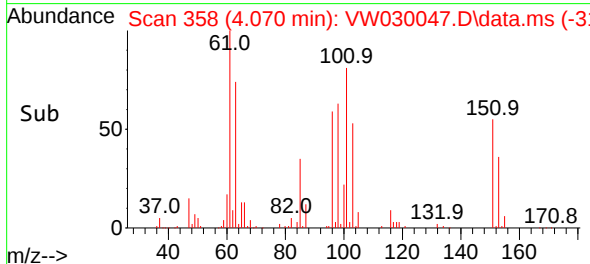
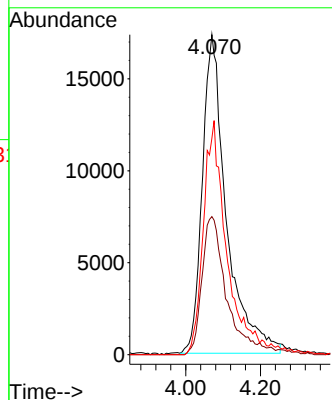
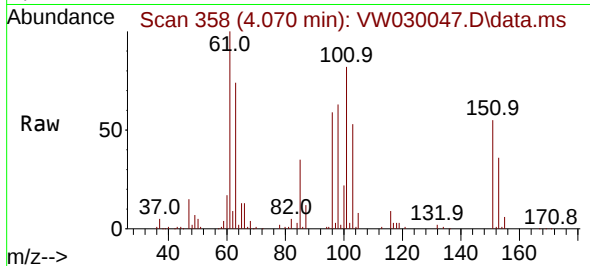




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.256 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: VW030047.D
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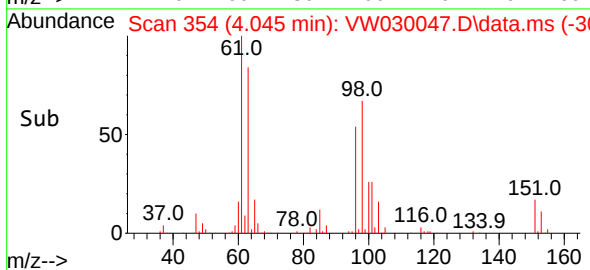
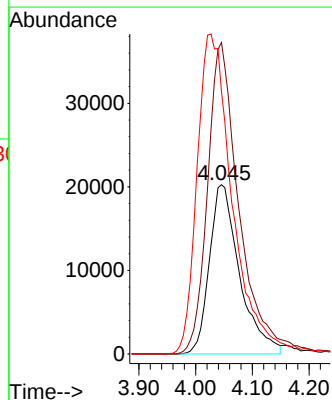
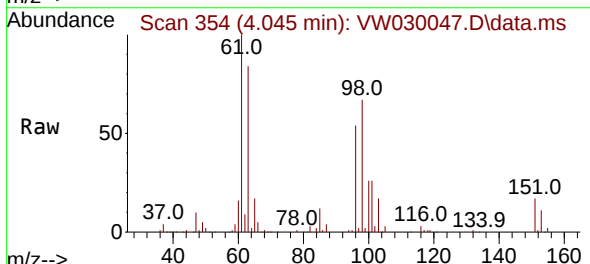
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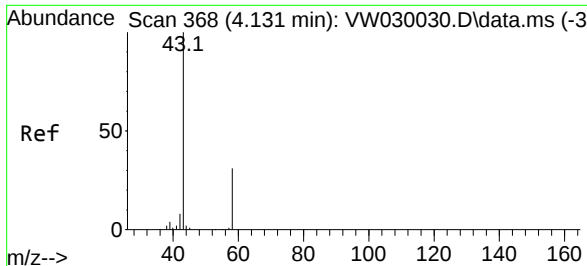
Tgt Ion:101 Resp: 77516
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.7 52.1
 151 64.5 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 19.014 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW030047.D
 Acq: 27 Aug 2024 16:21

Tgt Ion: 96 Resp: 74937
 Ion Ratio Lower Upper
 96 100
 61 184.0 126.0 234.0
 63 155.0 101.8 189.2

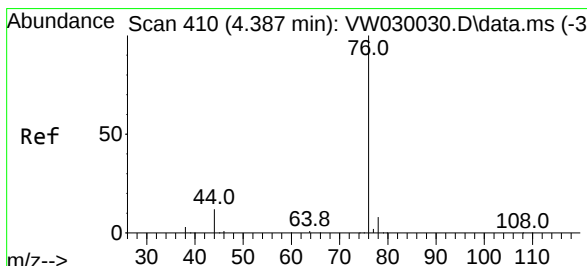
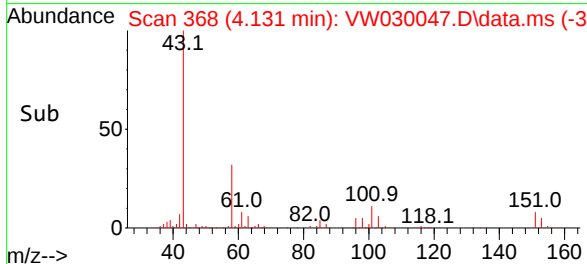
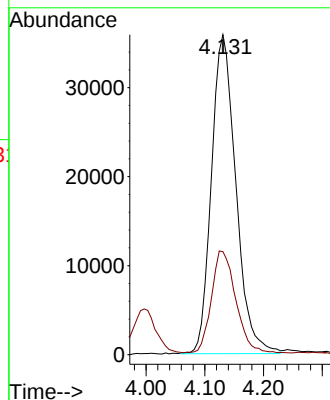
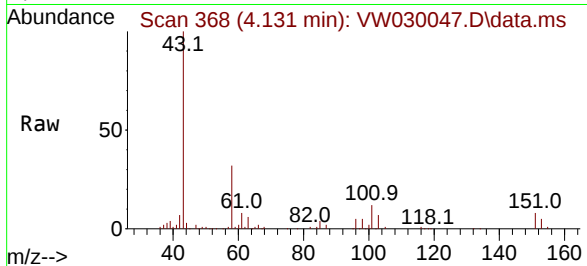




#13
Acetone
Concen: 124.198 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.000 min
Lab File: VW030047.D
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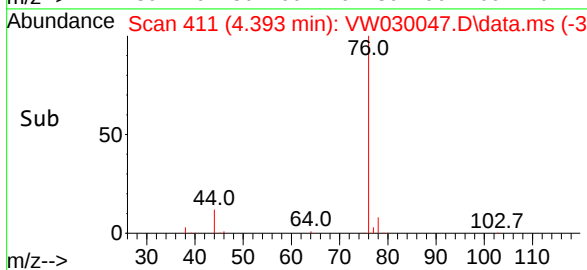
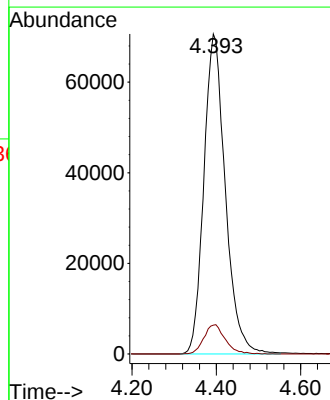
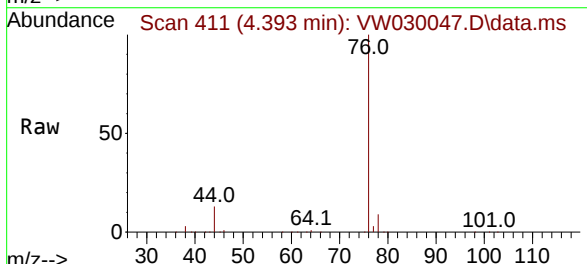
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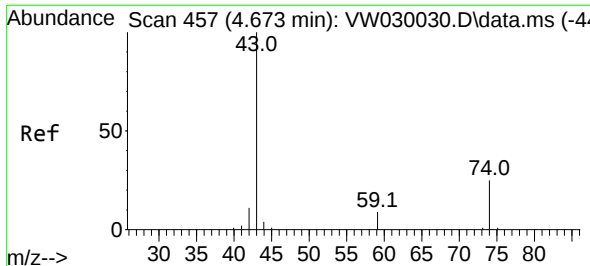
Tgt Ion: 43 Resp: 103612
Ion Ratio Lower Upper
43 100
58 32.9 0.0 66.4



#14
Carbon disulfide
Concen: 20.472 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 76 Resp: 250291
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8

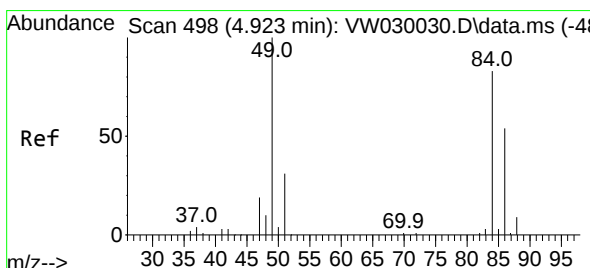
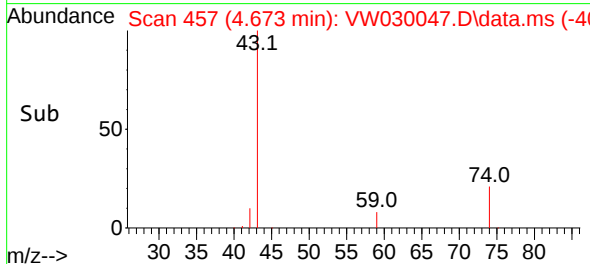
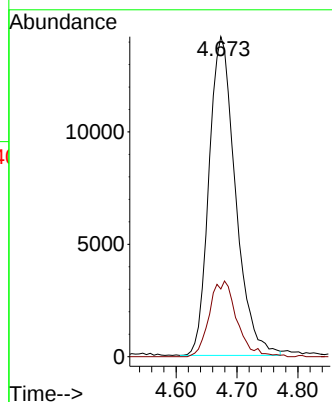
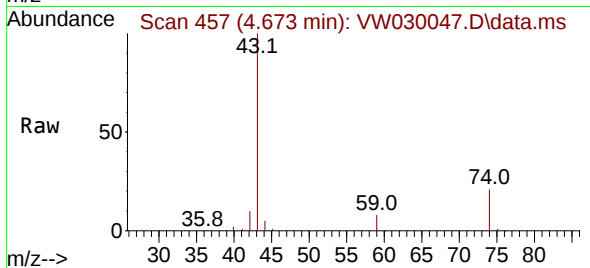




#15
Methyl Acetate
Concen: 26.361 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

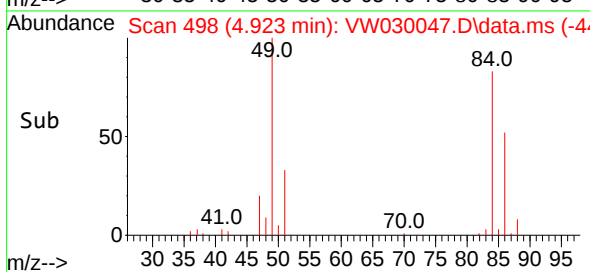
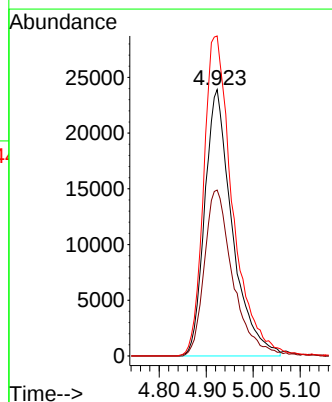
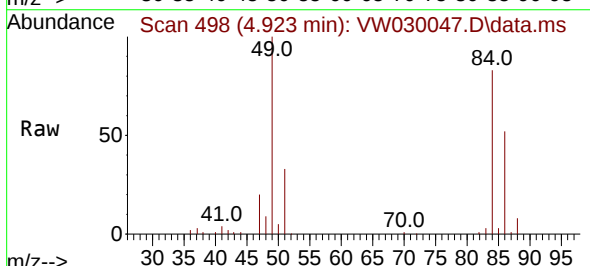
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

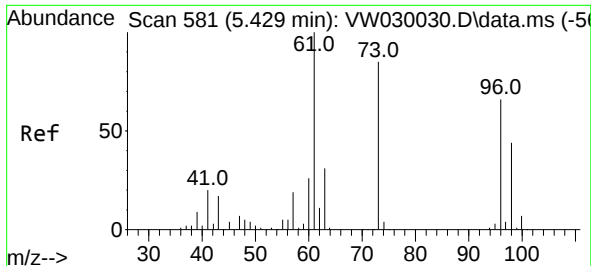
Tgt Ion: 43 Resp: 42877
Ion Ratio Lower Upper
43 100
74 11.6 19.9 29.9#



#16
Methylene chloride
Concen: 19.113 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 84 Resp: 97079
Ion Ratio Lower Upper
84 100
86 62.3 44.2 82.2
49 120.1 79.9 148.3

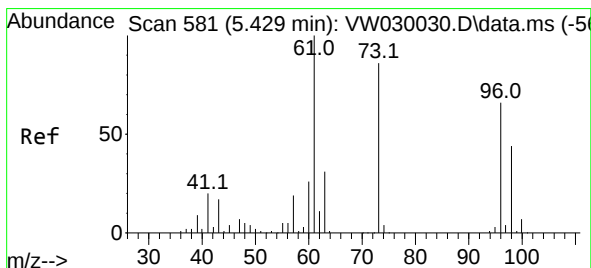
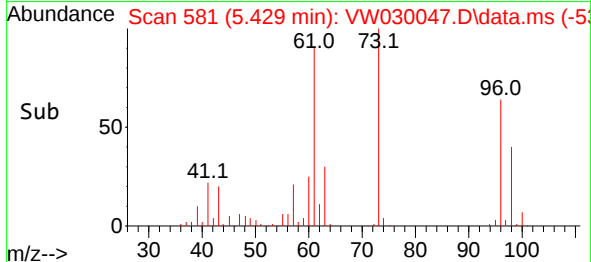
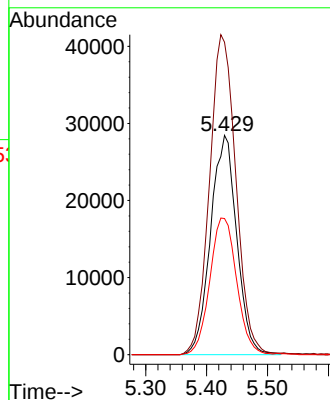
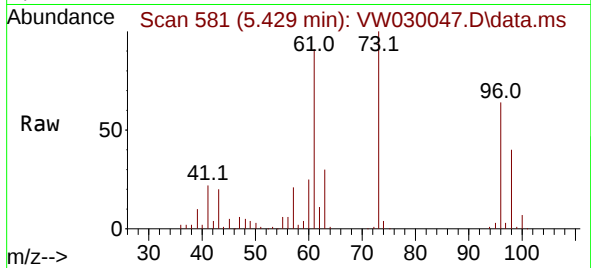




#17
trans-1,2-Dichloroethene
Concen: 19.473 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

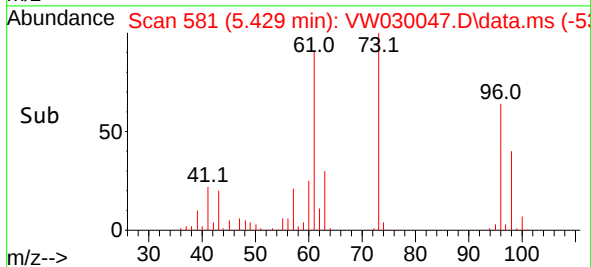
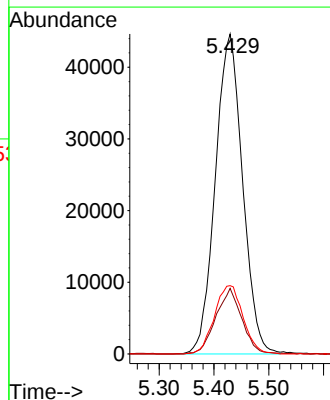
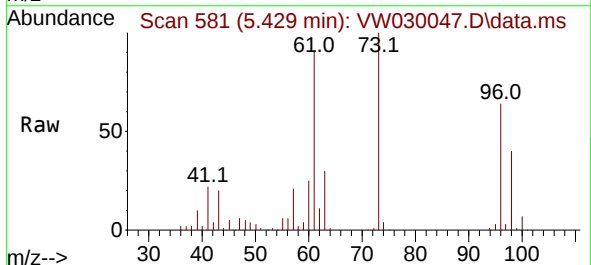
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

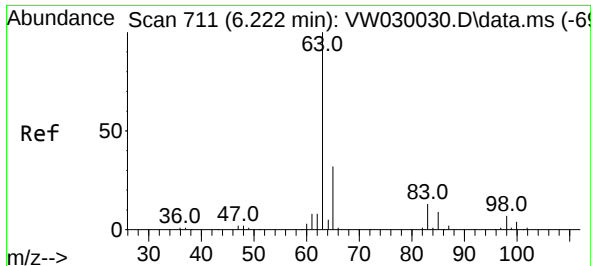
Tgt Ion: 96 Resp: 84876
Ion Ratio Lower Upper
96 100
61 142.5 98.3 182.7
98 62.1 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 23.118 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 73 Resp: 154096
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 22.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 20.887 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

DCXZ0MSD

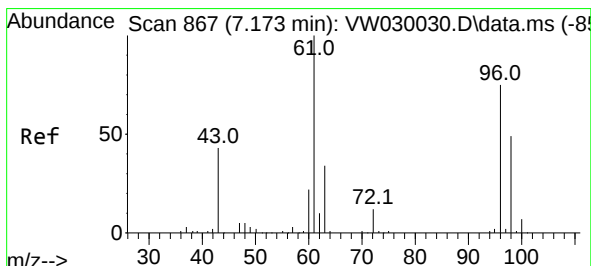
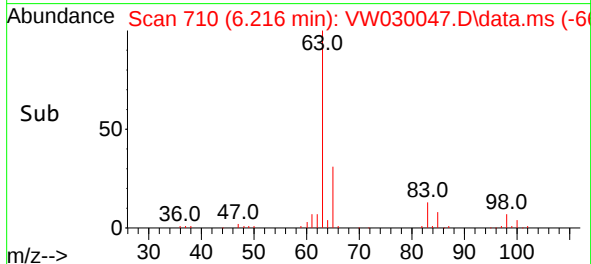
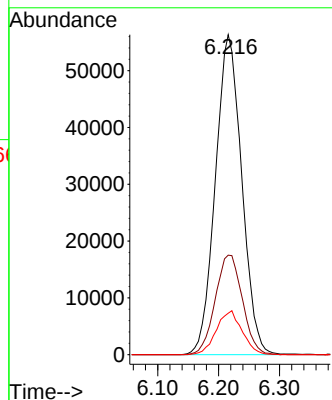
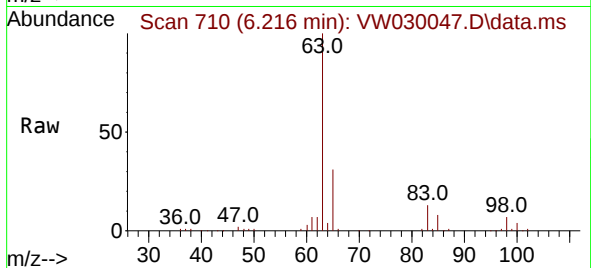
Tgt Ion: 63 Resp: 169171

Ion Ratio Lower Upper

63 100

65 31.1 21.6 40.0

83 13.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 19.584 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

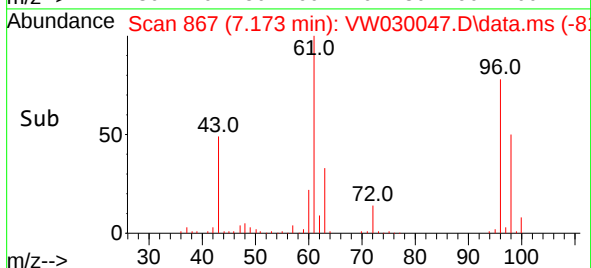
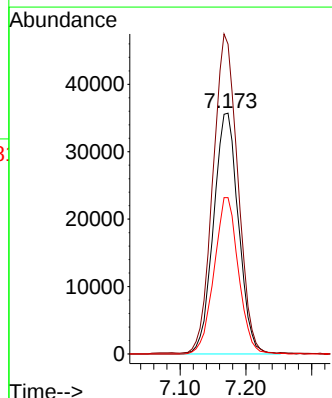
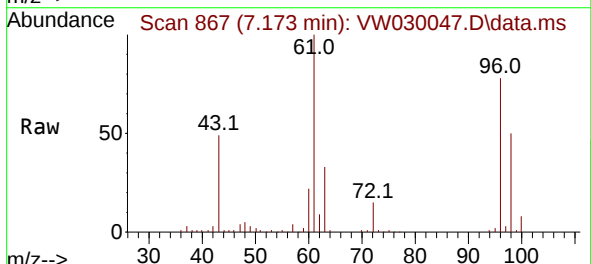
Tgt Ion: 96 Resp: 94342

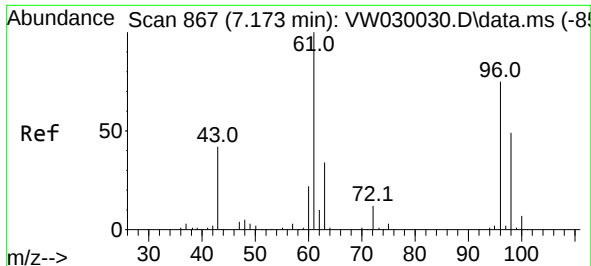
Ion Ratio Lower Upper

96 100

61 128.7 99.6 185.0

98 64.9 46.5 86.5

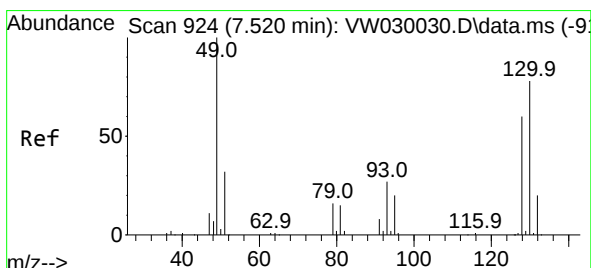
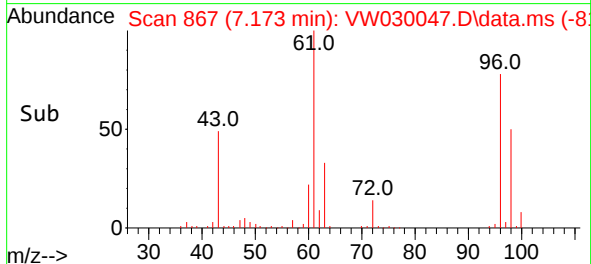
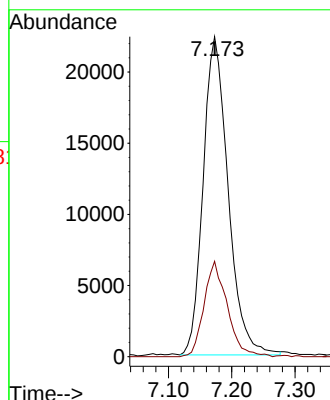
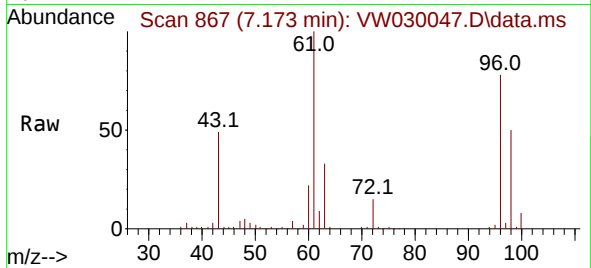




#22
2-Butanone
Concen: 51.474 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

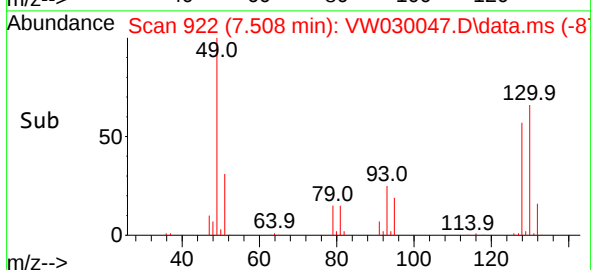
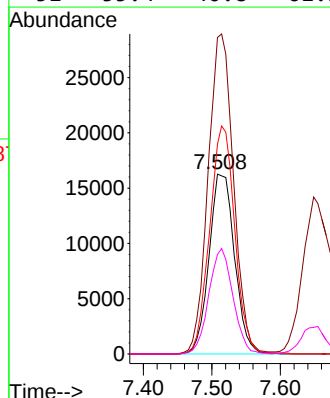
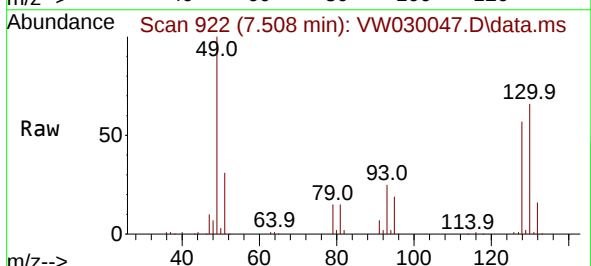
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

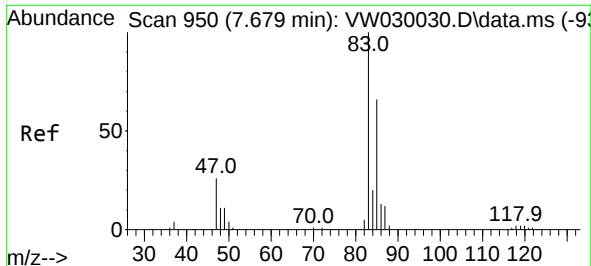
Tgt Ion: 43 Resp: 61448
Ion Ratio Lower Upper
43 100
72 27.7 15.0 45.1



#23
Bromochloromethane
Concen: 20.627 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.012 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 128 Resp: 42148
Ion Ratio Lower Upper
128 100
49 176.0 117.3 217.9
130 116.7 89.3 165.9
51 55.4 40.8 61.2

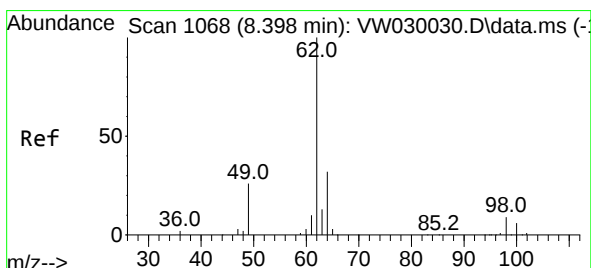
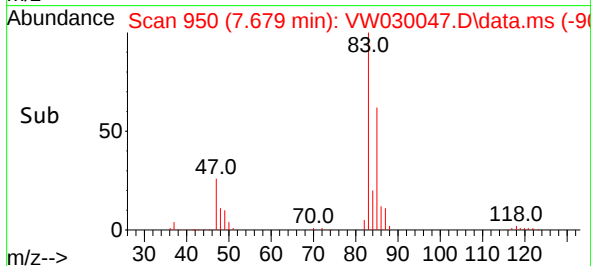
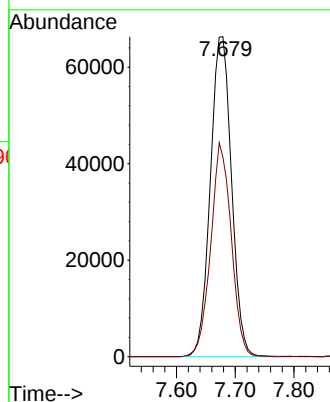
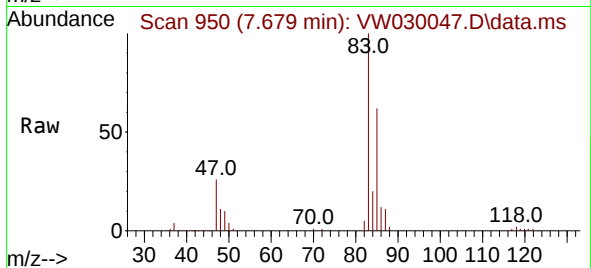




#25
Chloroform
Concen: 20.037 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

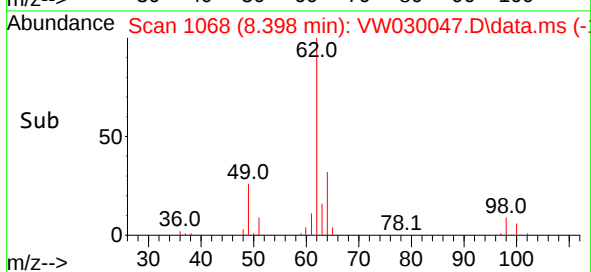
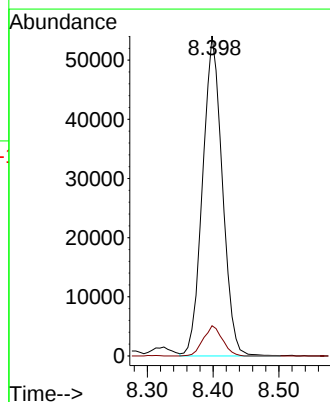
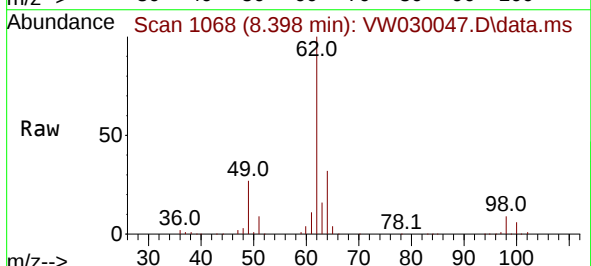
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

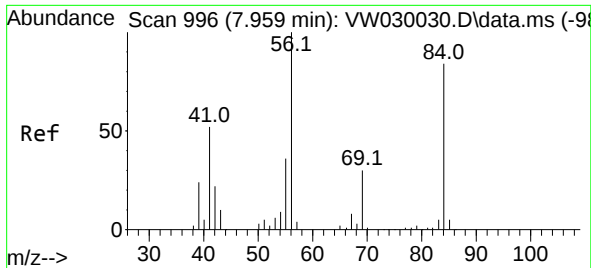
Tgt Ion: 83 Resp: 165998
Ion Ratio Lower Upper
83 100
85 62.3 44.4 82.4



#27
1,2-Dichloroethane
Concen: 21.328 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 62 Resp: 113101
Ion Ratio Lower Upper
62 100
98 9.5 7.7 11.5

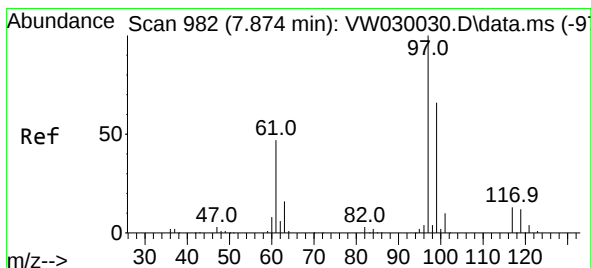
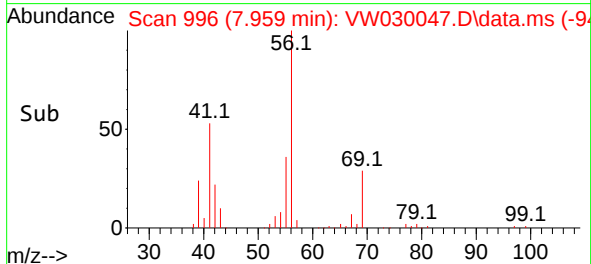
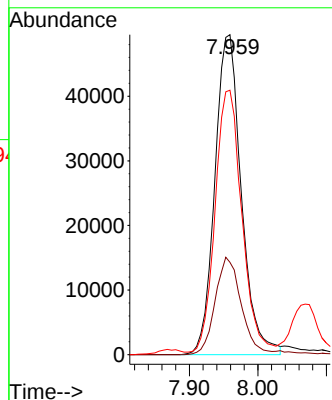
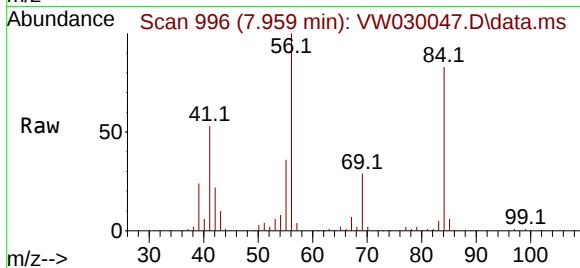




#29
Cyclohexane
Concen: 23.607 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

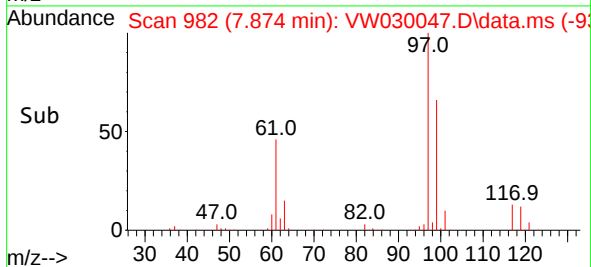
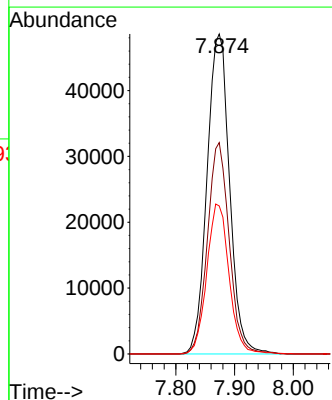
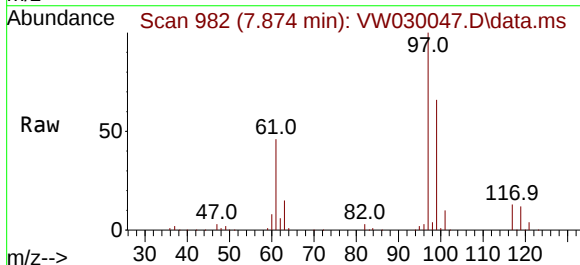
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

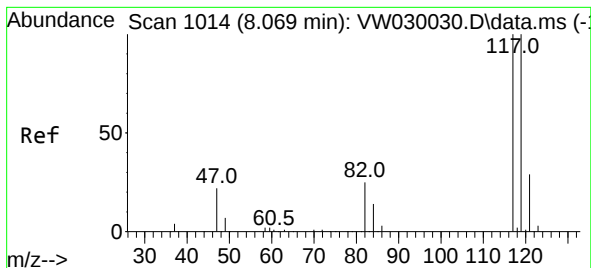
Tgt Ion: 56 Resp: 132911
Ion Ratio Lower Upper
56 100
69 29.8 24.4 36.6
84 82.9 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 23.712 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 97 Resp: 129499
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 46.3 37.2 55.8

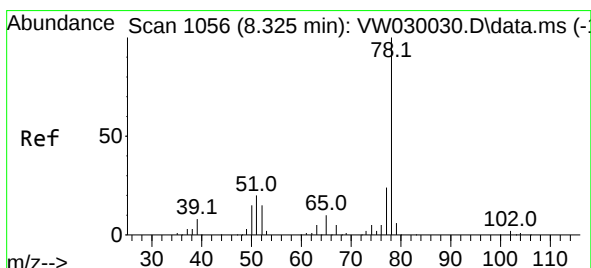
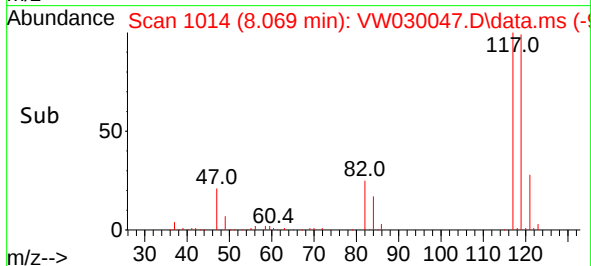
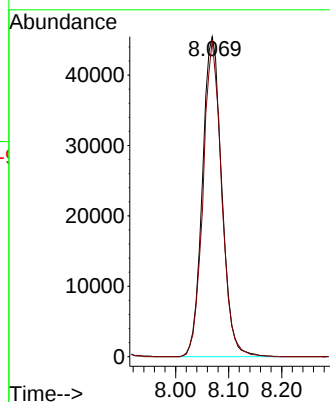
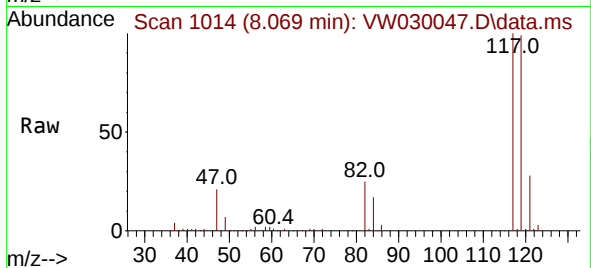




#31
Carbon tetrachloride
Concen: 23.477 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

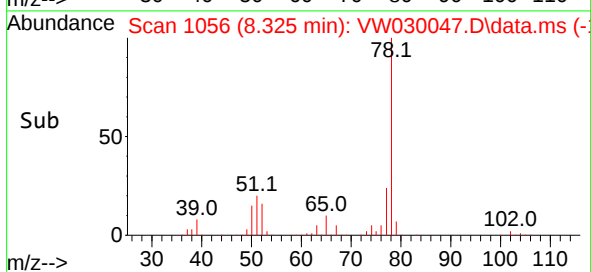
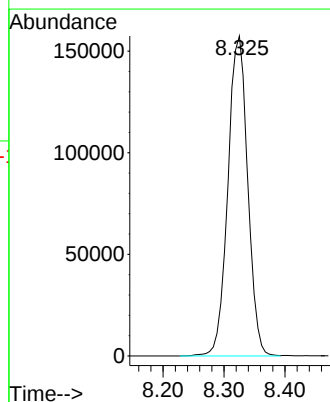
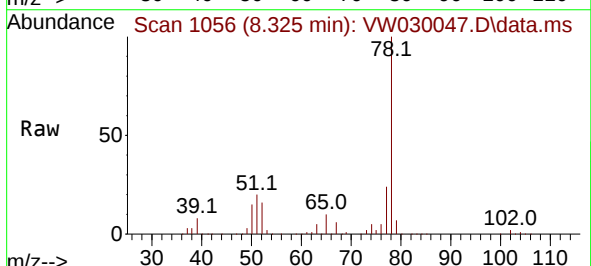
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

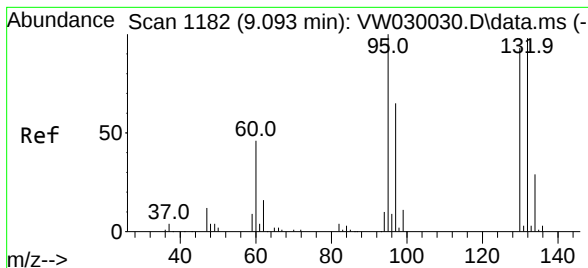
Tgt Ion:117 Resp: 115196
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5



#33
Benzene
Concen: 23.789 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 78 Resp: 355394





#34

Trichloroethene

Concen: 22.090 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

DCXZ0MSD

Tgt Ion: 95 Resp: 88862

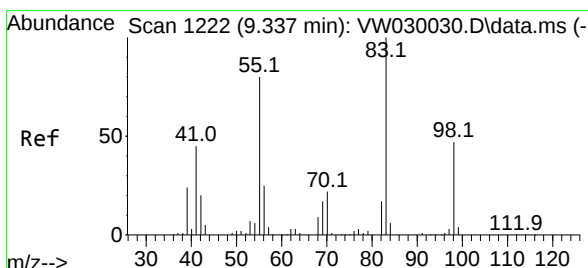
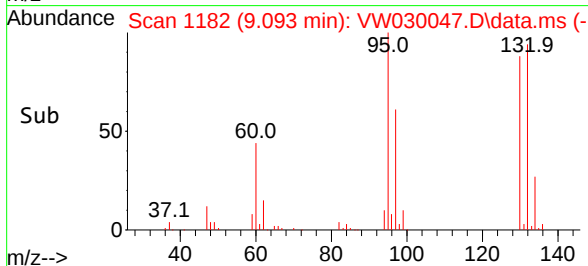
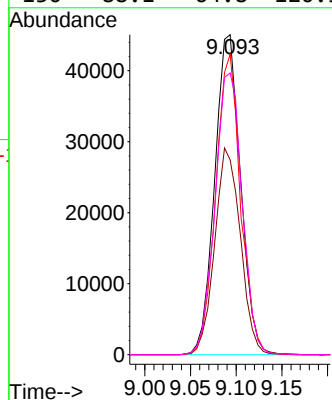
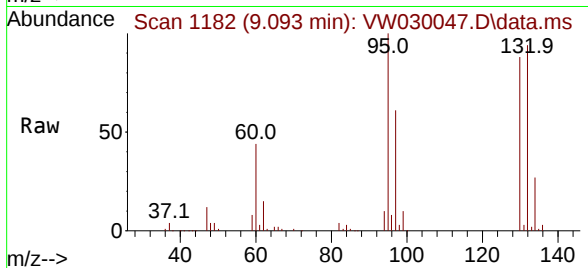
Ion Ratio Lower Upper

95 100

97 60.9 43.3 80.5

132 93.9 63.6 118.0

130 88.1 64.8 120.3



#35

Methylcyclohexane

Concen: 19.914 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

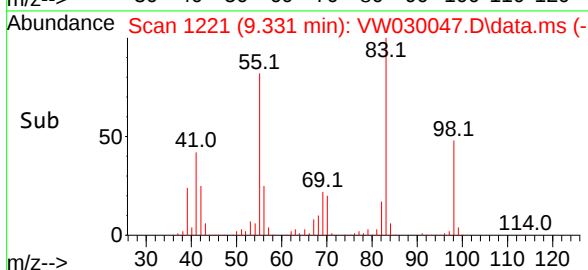
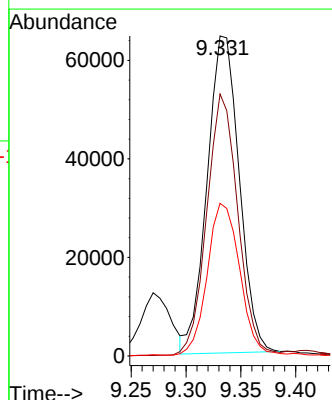
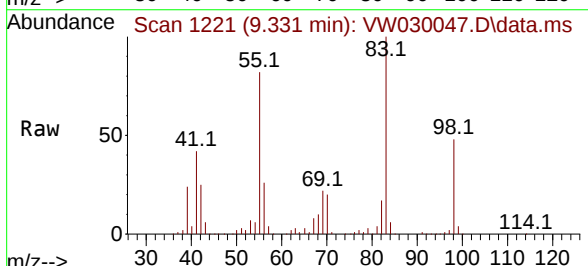
Tgt Ion: 83 Resp: 131205

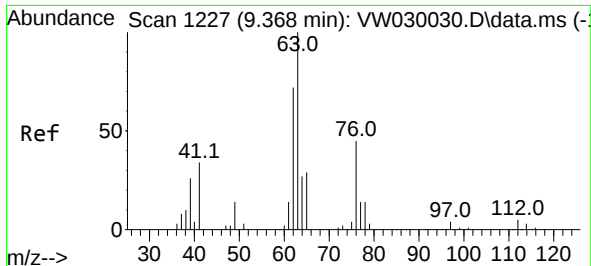
Ion Ratio Lower Upper

83 100

55 79.7 59.0 88.6

98 49.1 38.2 57.4





#37

1,2-Dichloropropane

Concen: 25.292 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

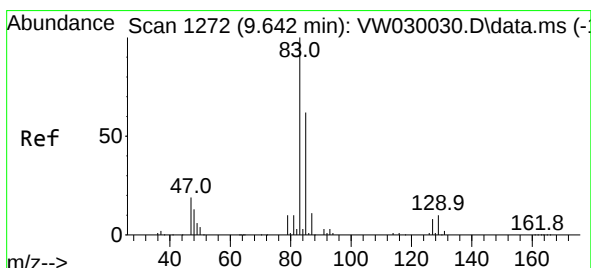
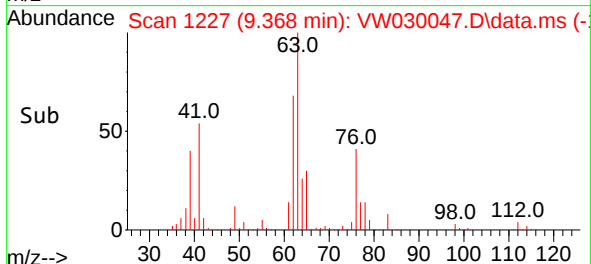
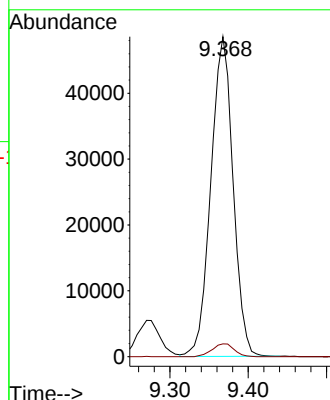
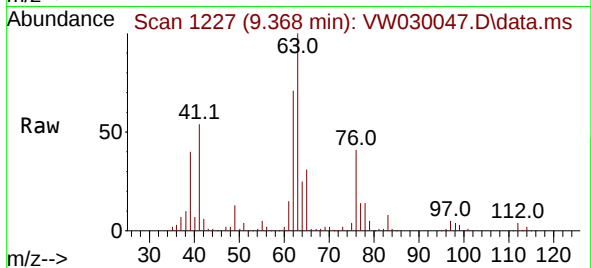
DCXZ0MSD

Tgt Ion: 63 Resp: 95682

Ion Ratio Lower Upper

63 100

112 4.0 3.7 5.5



#38

Bromodichloromethane

Concen: 23.724 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

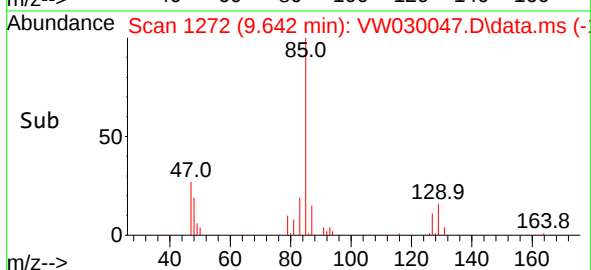
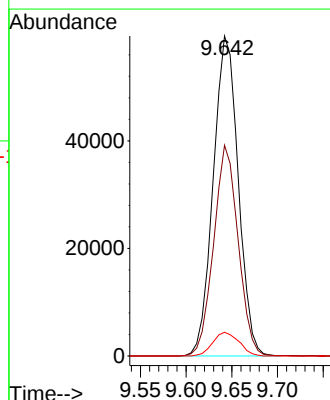
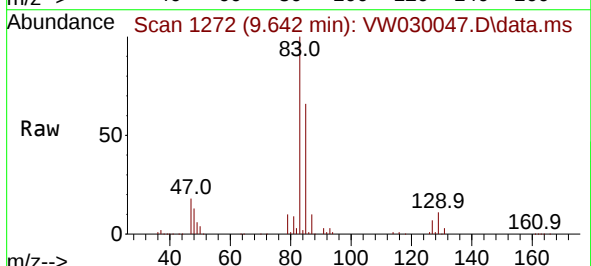
Tgt Ion: 83 Resp: 113243

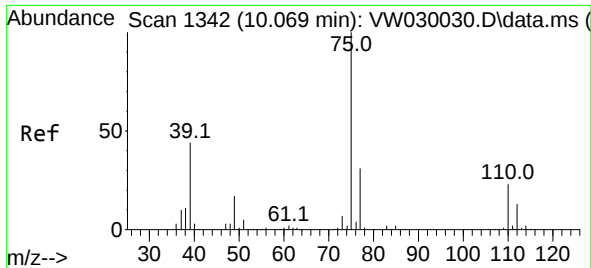
Ion Ratio Lower Upper

83 100

85 65.9 42.9 79.7

127 7.4 6.6 9.8

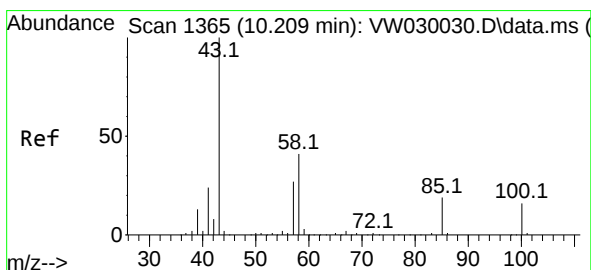
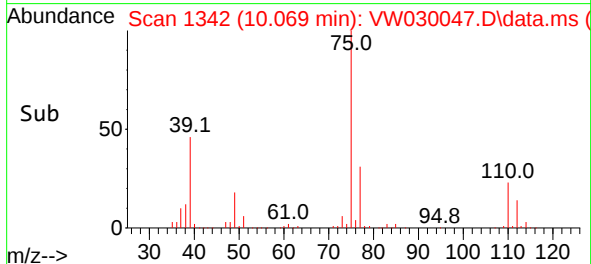
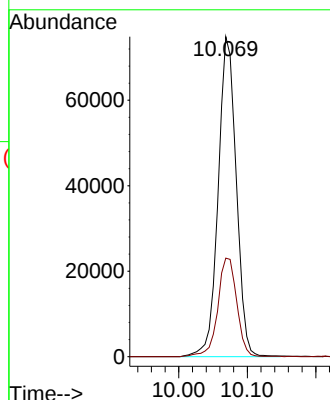
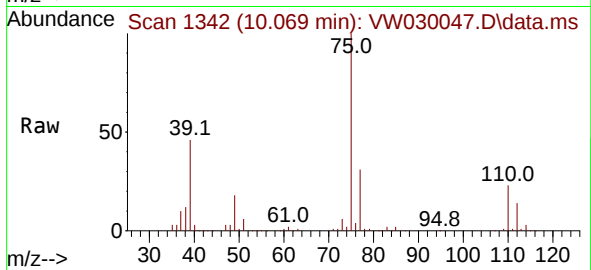




#39
 cis-1,3-Dichloropropene
 Concen: 23.508 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW030047.D
 Acq: 27 Aug 2024 16:21

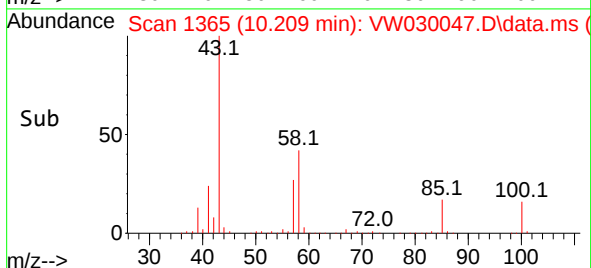
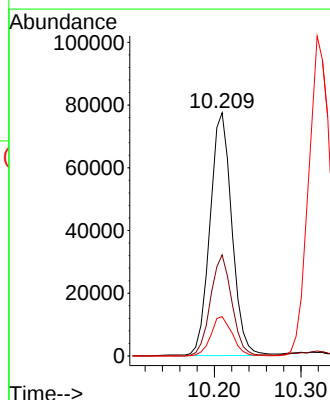
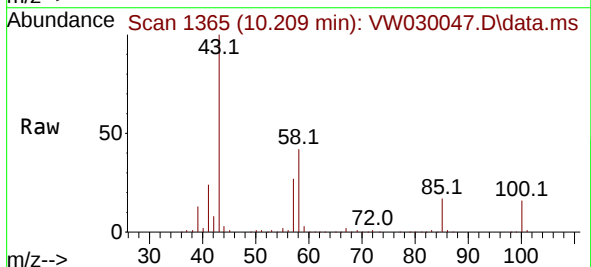
Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ0MSD

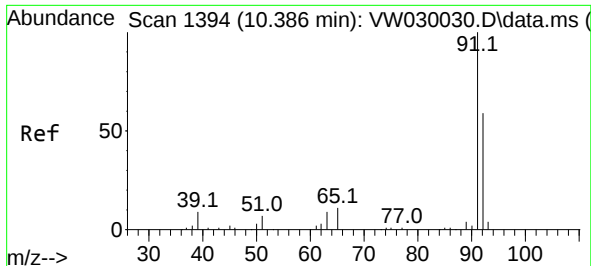
Tgt Ion: 75 Resp: 136884
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 72.366 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW030047.D
 Acq: 27 Aug 2024 16:21

Tgt Ion: 43 Resp: 136276
 Ion Ratio Lower Upper
 43 100
 58 40.6 34.0 51.0
 100 15.9 13.5 20.3

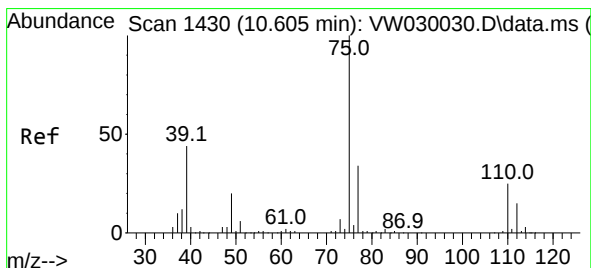
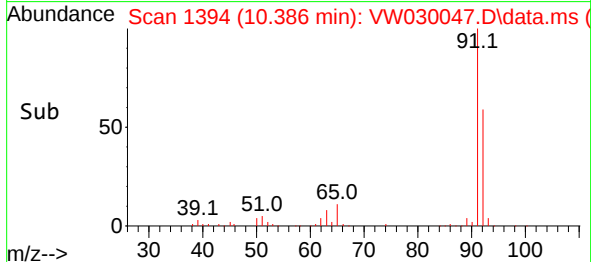
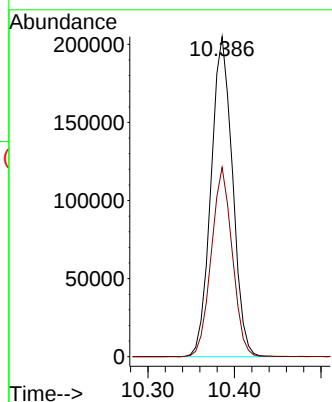
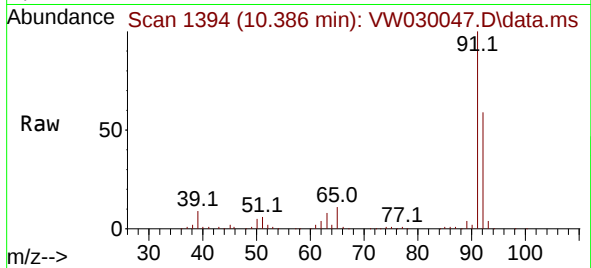




#42
Toluene
Concen: 22.193 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

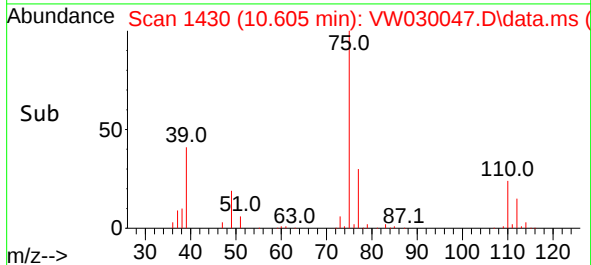
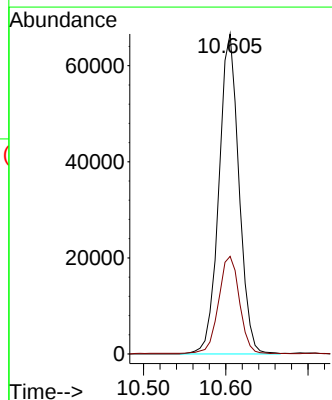
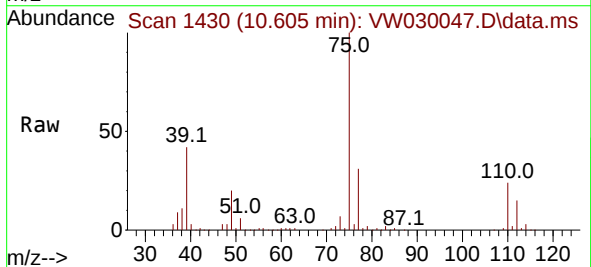
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

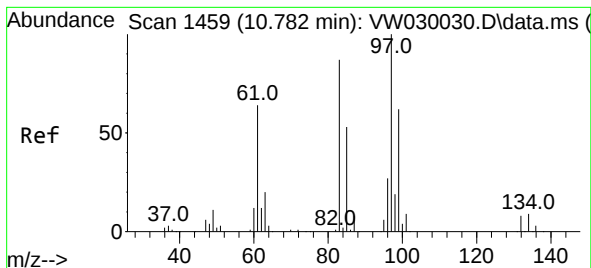
Tgt Ion: 91 Resp: 353085
Ion Ratio Lower Upper
91 100
92 59.2 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 23.962 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 75 Resp: 112903
Ion Ratio Lower Upper
75 100
77 30.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.647 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

DCXZ0MSD

Tgt Ion: 97 Resp: 68342

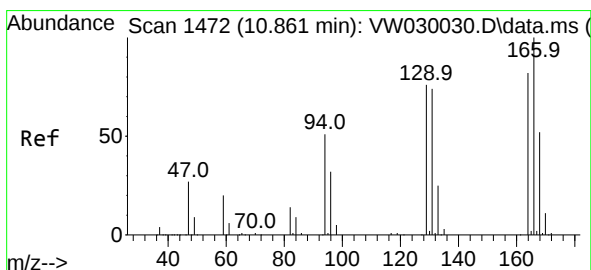
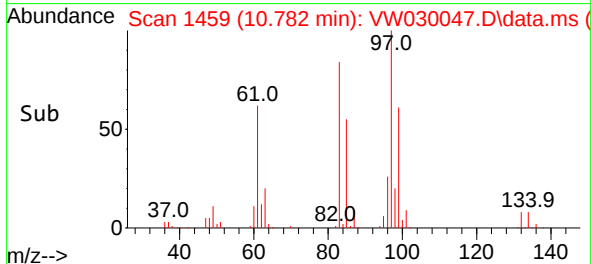
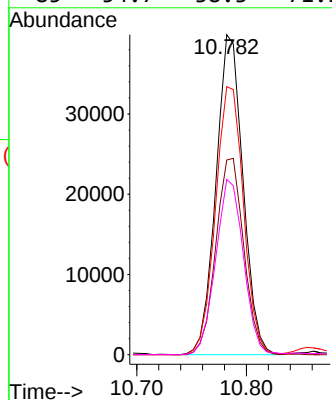
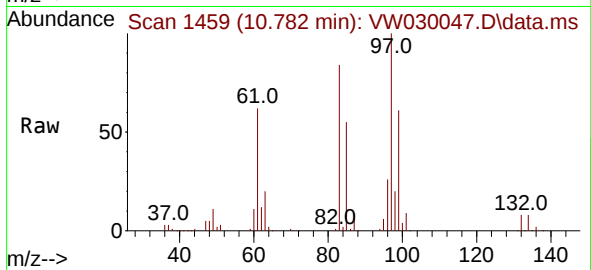
Ion Ratio Lower Upper

97 100

99 60.9 40.3 74.8

83 83.8 58.0 107.6

85 54.7 38.3 71.1



#46

Tetrachloroethene

Concen: 18.534 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Tgt Ion:164 Resp: 56589

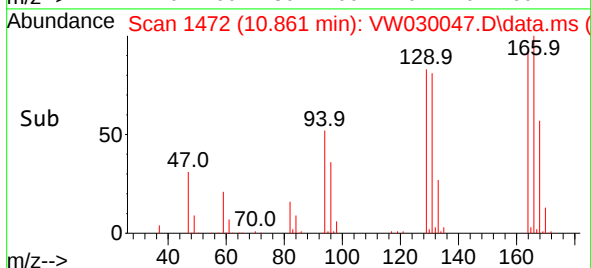
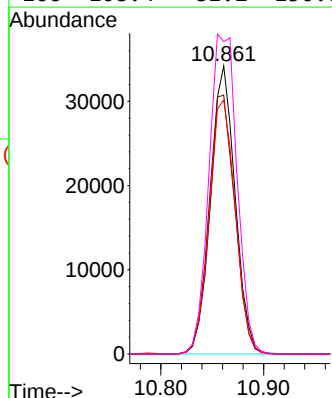
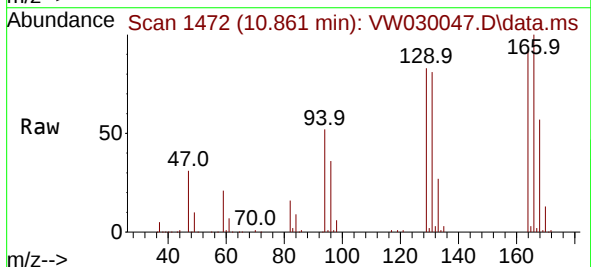
Ion Ratio Lower Upper

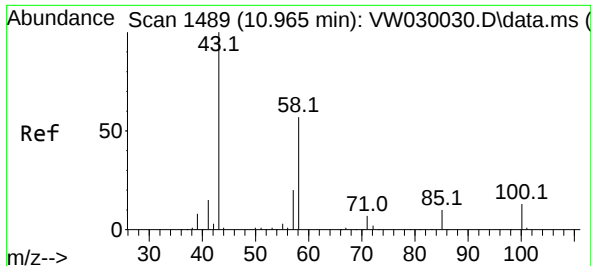
164 100

129 89.9 66.1 122.7

131 88.1 62.6 116.2

166 108.4 81.2 150.8

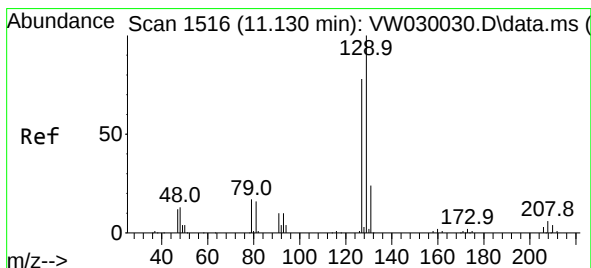
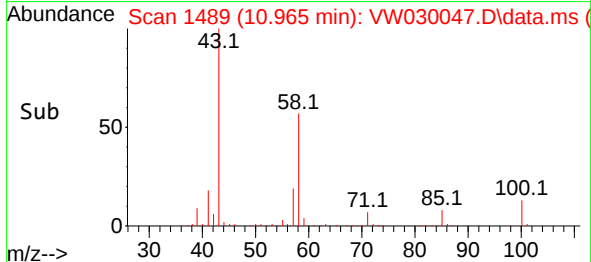
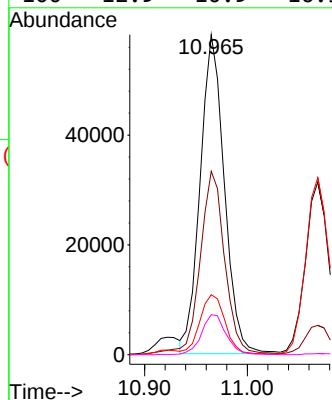
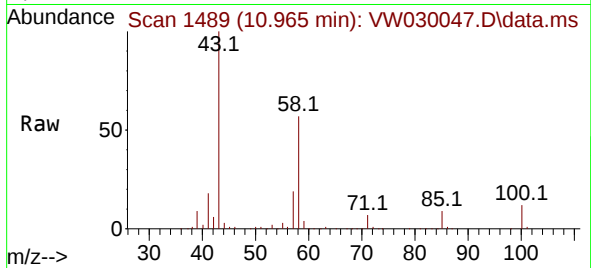




#48
2-Hexanone
Concen: 70.868 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

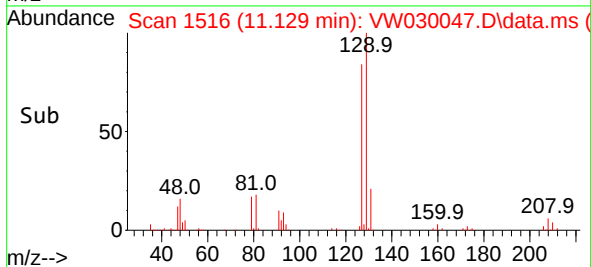
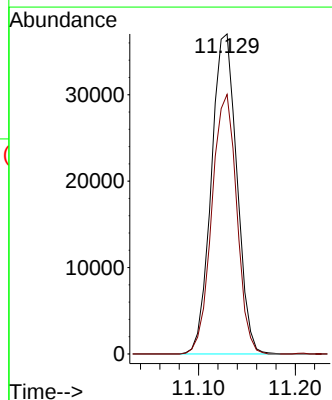
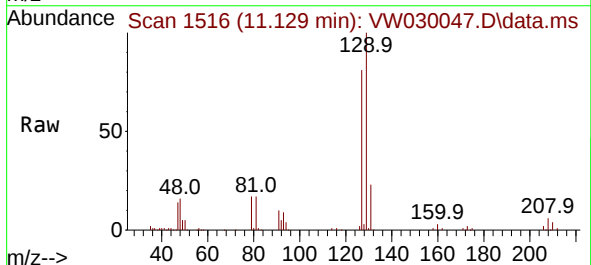
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

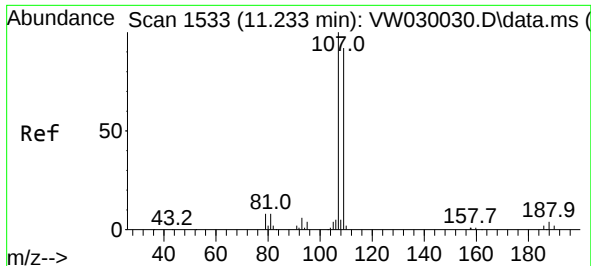
Tgt Ion: 43	Resp: 94872
Ion Ratio	Lower Upper
43 100	
58 59.2	50.0 75.0
57 19.7	17.3 25.9
100 12.9	10.9 16.3



#49
Dibromochloromethane
Concen: 23.074 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion:129	Resp: 67981		
Ion Ratio	Lower	Upper	
129 100			
127 81.1	51.8	96.2	

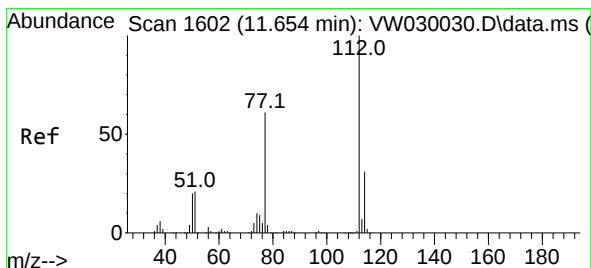
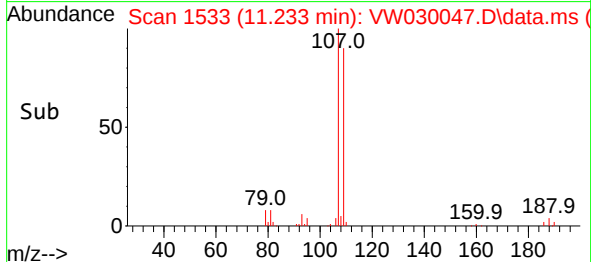
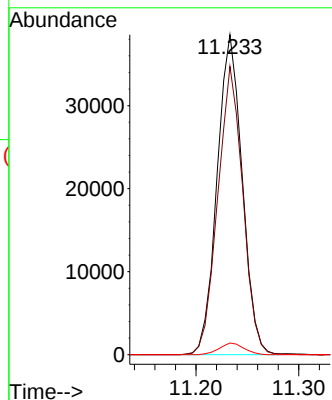
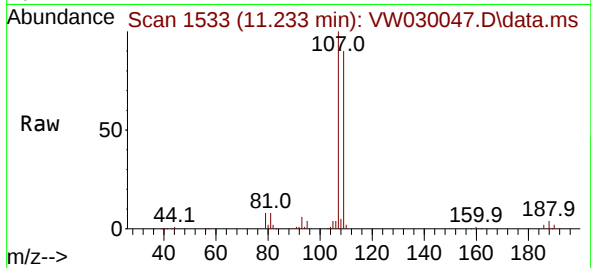




#50
1,2-Dibromoethane
Concen: 25.204 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

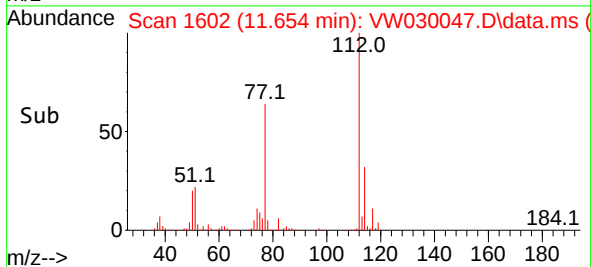
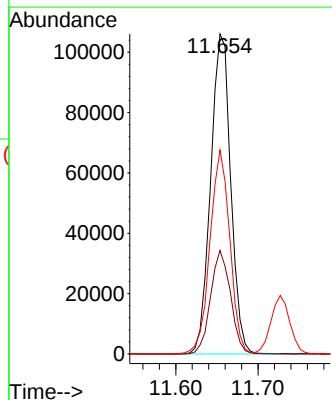
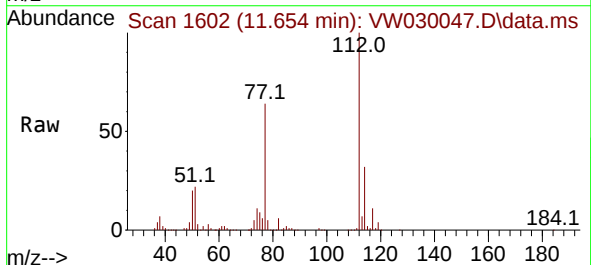
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

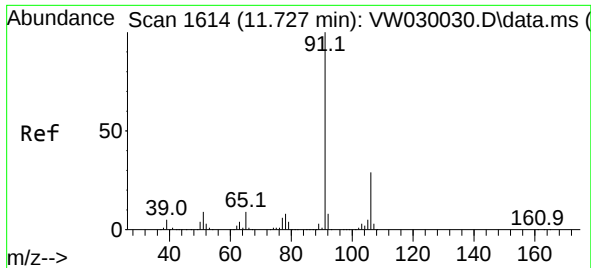
Tgt Ion:107 Resp: 65280
Ion Ratio Lower Upper
107 100
109 90.1 61.7 114.5
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 17.719 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion:112 Resp: 180243
Ion Ratio Lower Upper
112 100
114 32.3 20.9 38.9
77 63.7 47.1 70.7

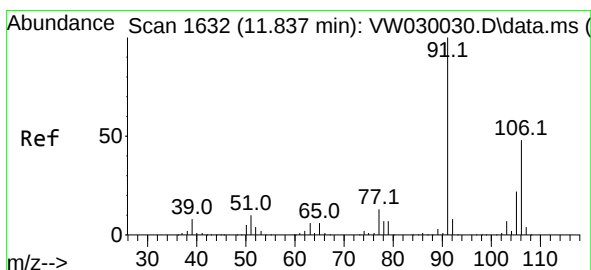
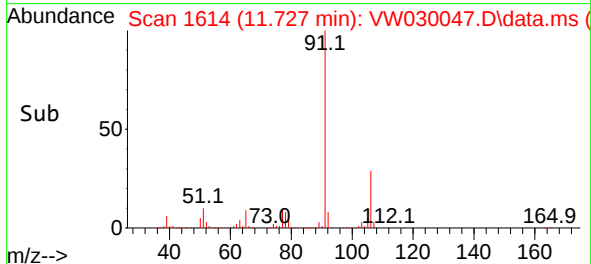
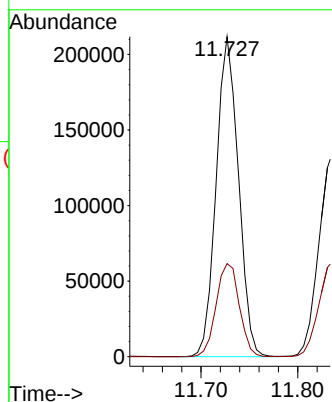
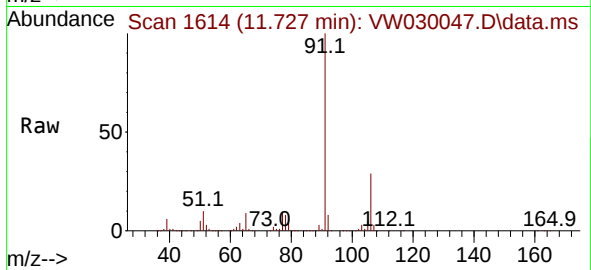




#52
Ethylbenzene
Concen: 18.757 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

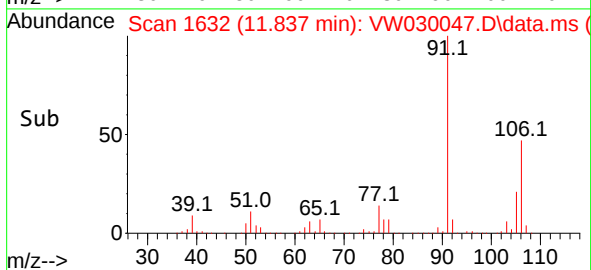
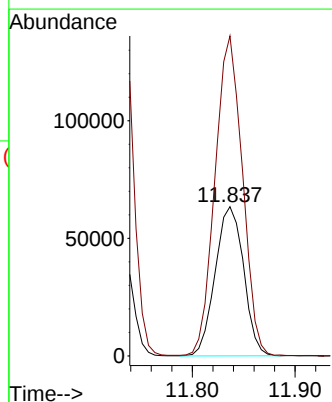
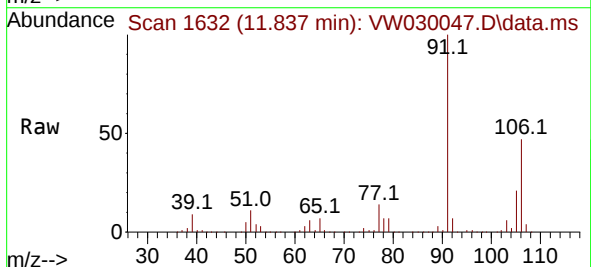
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

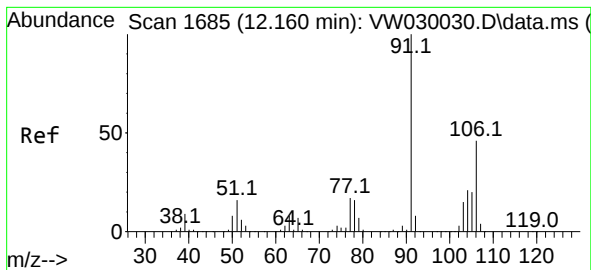
Tgt Ion: 91 Resp: 338117
Ion Ratio Lower Upper
91 100
106 29.1 22.0 41.0



#53
m,p-Xylene
Concen: 18.123 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion:106 Resp: 121918
Ion Ratio Lower Upper
106 100
91 214.4 146.7 272.4





#54

o-Xylene

Concen: 17.915 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

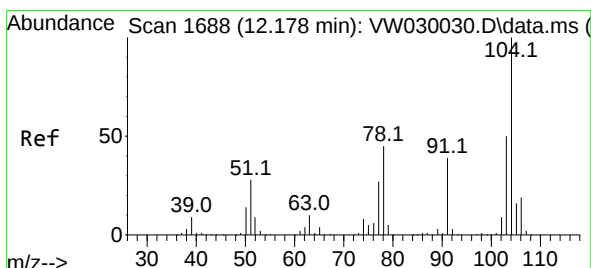
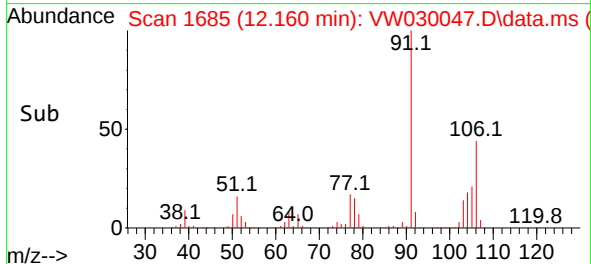
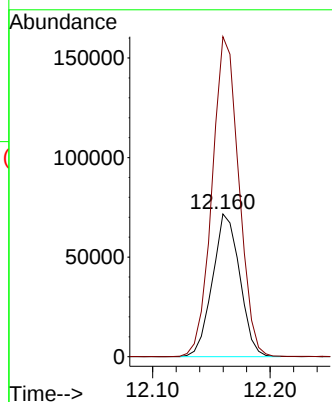
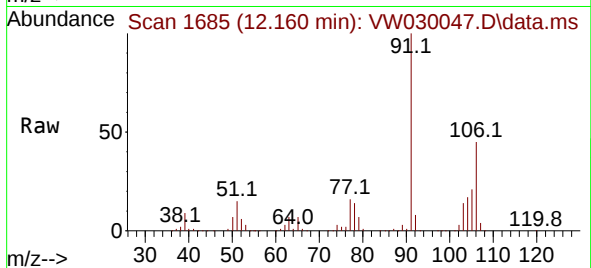
DCXZ0MSD

Tgt Ion:106 Resp: 115674

Ion Ratio Lower Upper

106 100

91 224.1 153.9 285.7



#55

Styrene

Concen: 15.291 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030047.D

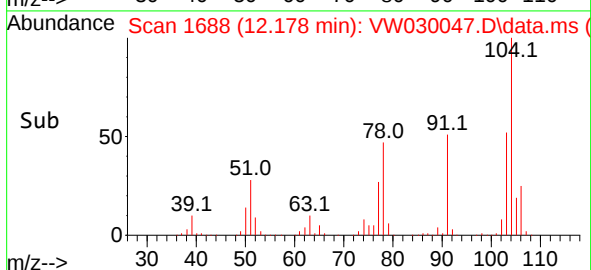
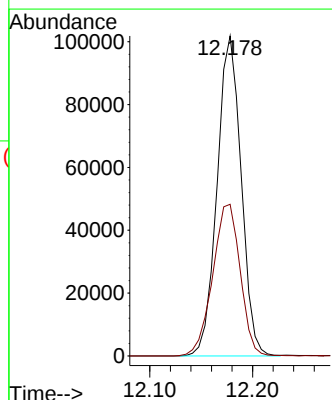
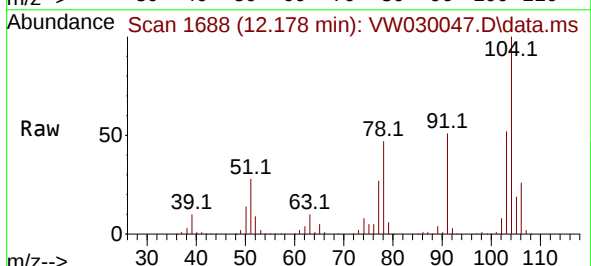
Acq: 27 Aug 2024 16:21

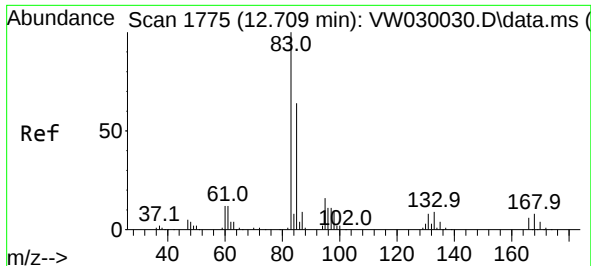
Tgt Ion:104 Resp: 165421

Ion Ratio Lower Upper

104 100

78 47.4 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.027 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

DCXZ0MSD

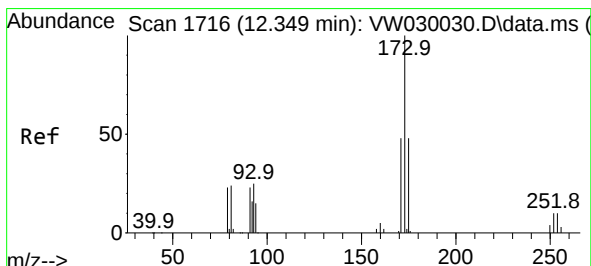
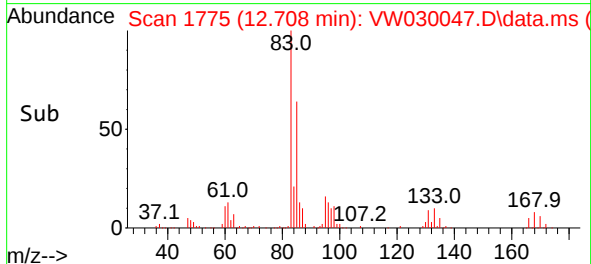
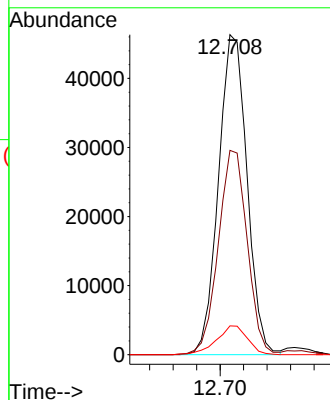
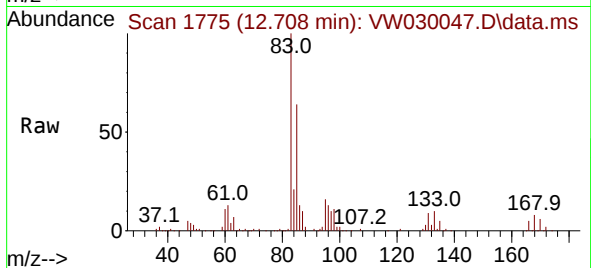
Tgt Ion: 83 Resp: 78146

Ion Ratio Lower Upper

83 100

85 63.9 44.0 81.8

131 9.0 7.3 10.9



#59

Bromoform

Concen: 35.153 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

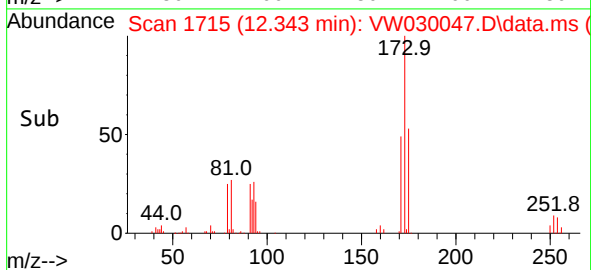
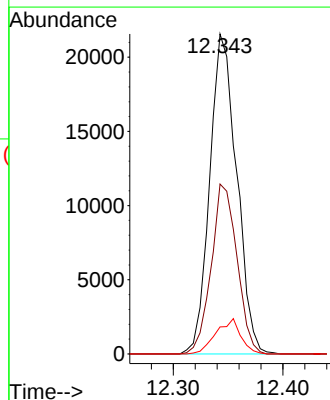
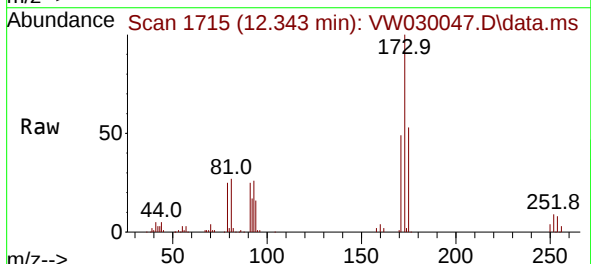
Tgt Ion:173 Resp: 36853

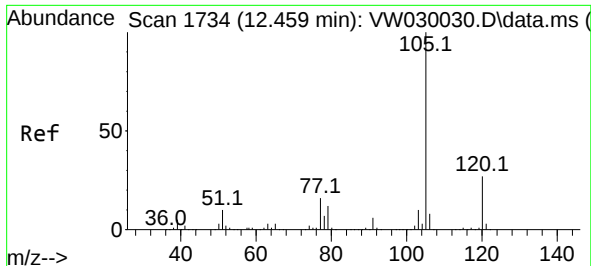
Ion Ratio Lower Upper

173 100

175 50.7 41.4 62.2

254 10.1 8.6 13.0

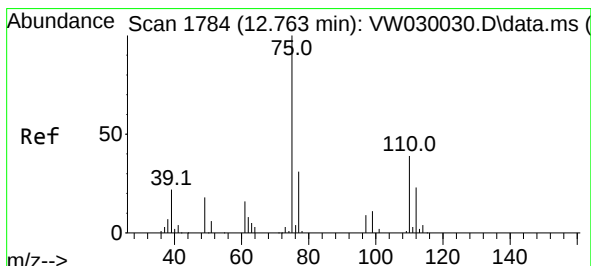
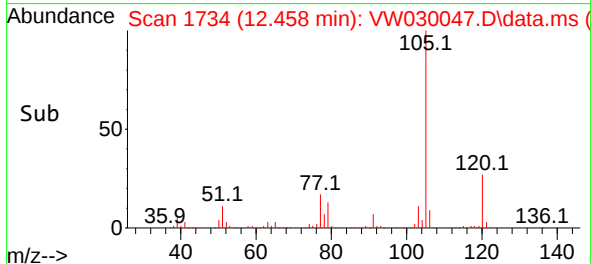
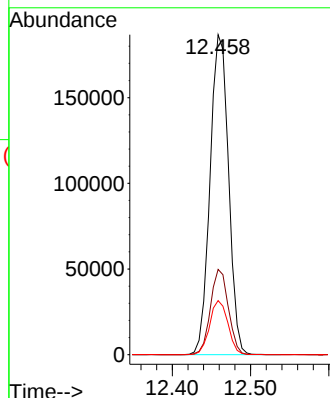
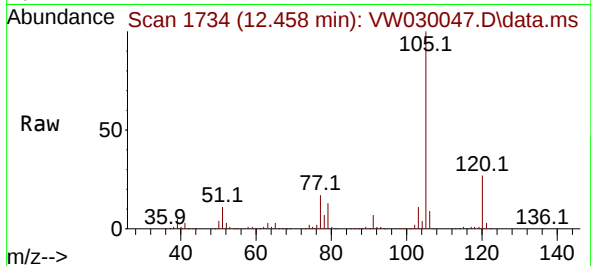




#60
Isopropylbenzene
Concen: 27.244 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

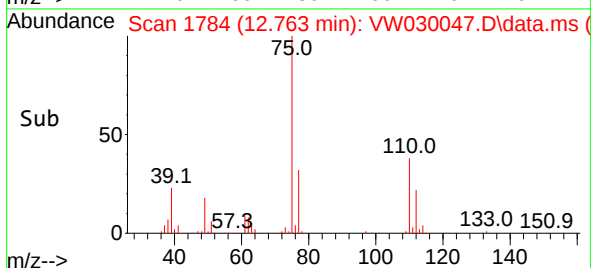
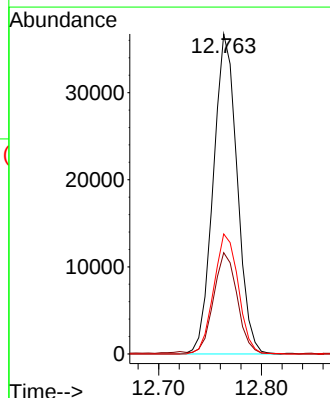
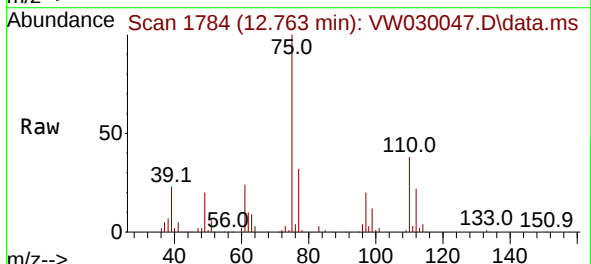
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

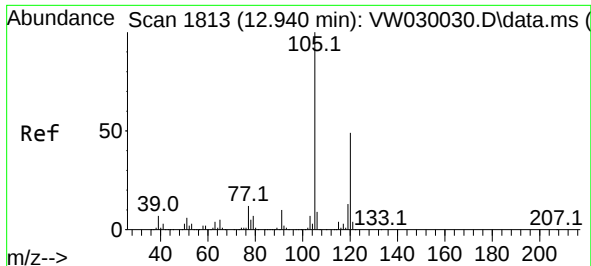
Tgt Ion:105 Resp: 305992
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 16.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 41.353 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion: 75 Resp: 59193
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
110 38.4 31.0 46.4

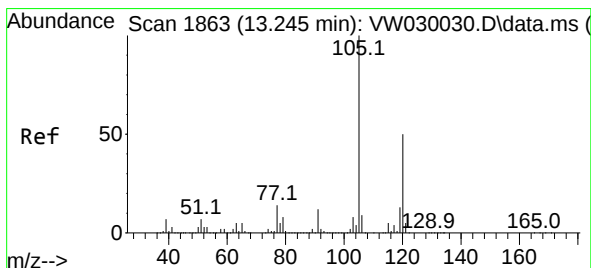
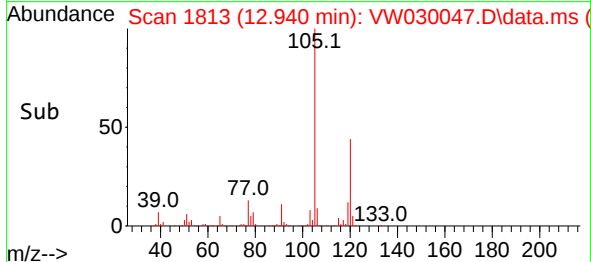
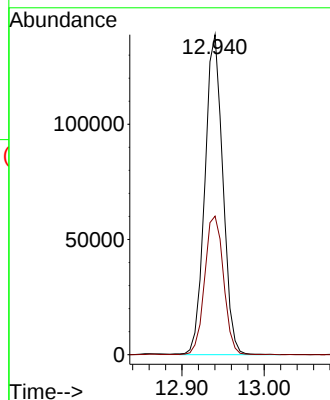
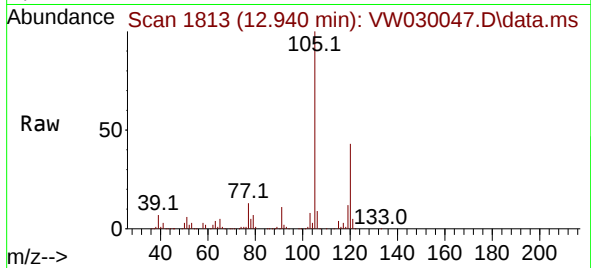




#62
1,3,5-Trimethylbenzene
Concen: 25.275 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

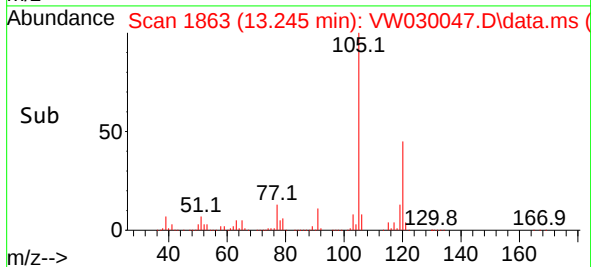
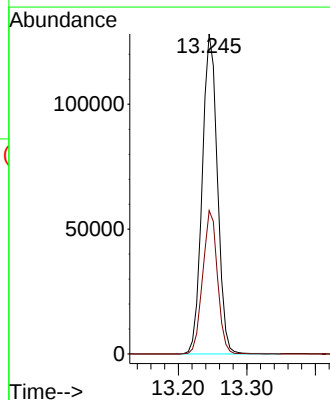
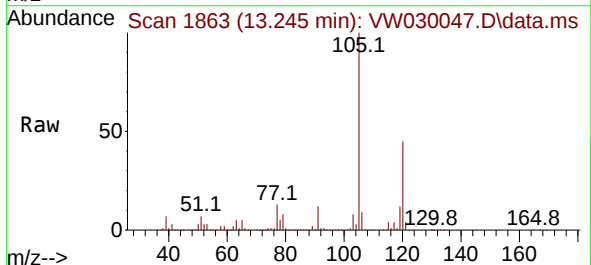
Instrument :
MSVOA_W
ClientSampleId :
DCXZ0MSD

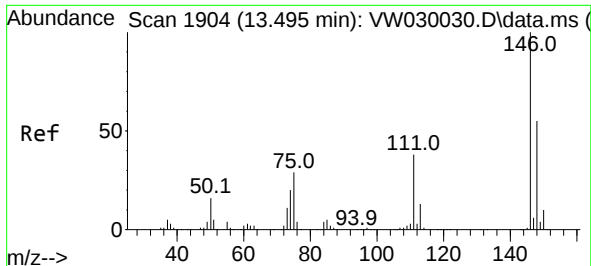
Tgt Ion:105 Resp: 211072
Ion Ratio Lower Upper
105 100
120 45.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 22.536 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030047.D
Acq: 27 Aug 2024 16:21

Tgt Ion:105 Resp: 198371
Ion Ratio Lower Upper
105 100
120 43.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 17.699 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

DCXZ0MSD

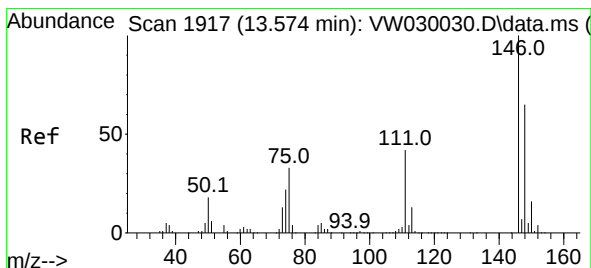
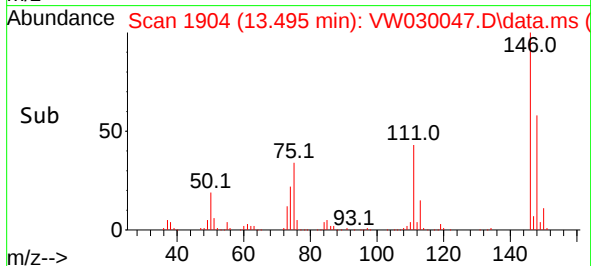
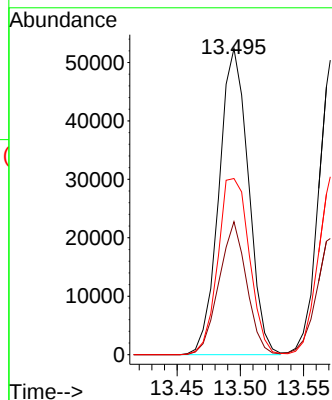
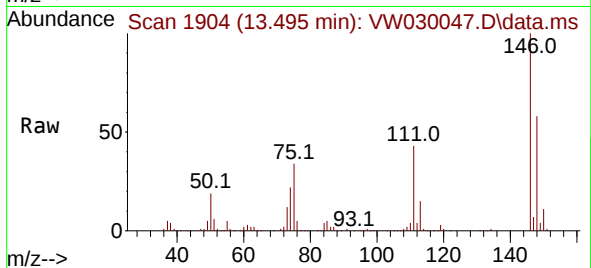
Tgt Ion:146 Resp: 84744

Ion Ratio Lower Upper

146 100

111 43.4 29.1 54.1

148 57.6 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 17.703 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

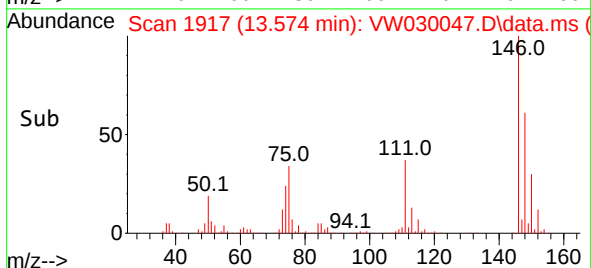
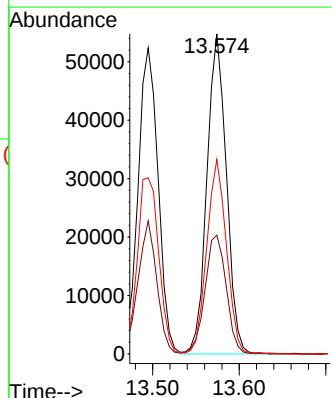
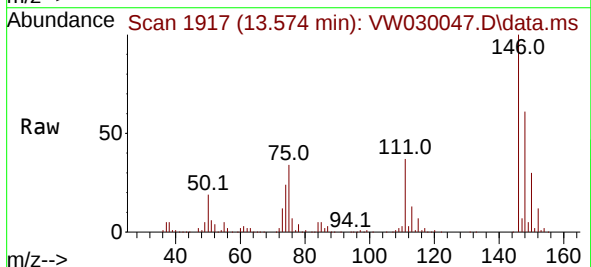
Tgt Ion:146 Resp: 85628

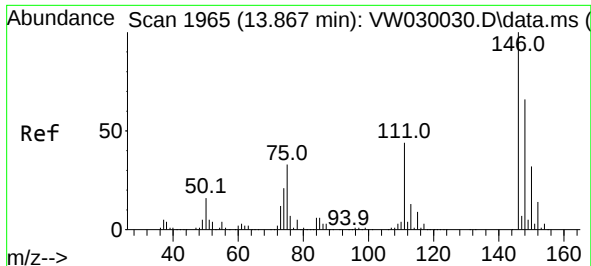
Ion Ratio Lower Upper

146 100

111 37.2 28.2 52.4

148 60.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 18.443 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

DCXZ0MSD

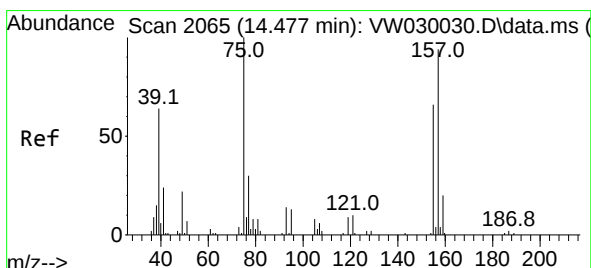
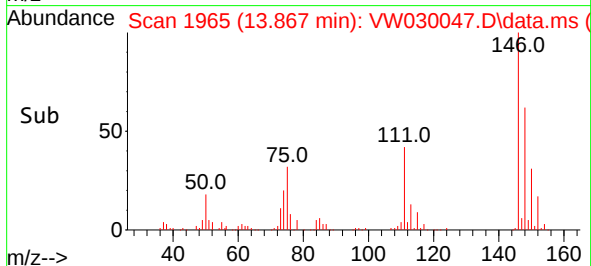
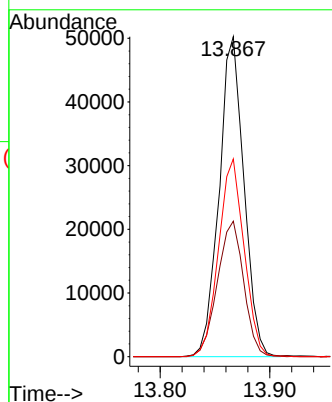
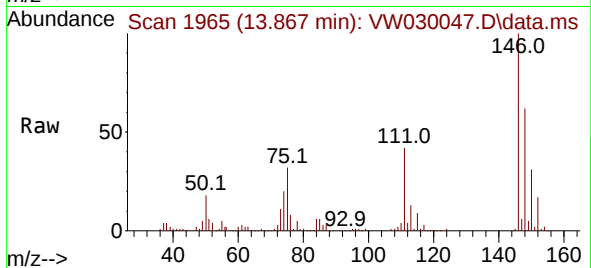
Tgt Ion:146 Resp: 78995

Ion Ratio Lower Upper

146 100

111 42.3 34.7 52.1

148 61.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 37.682 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

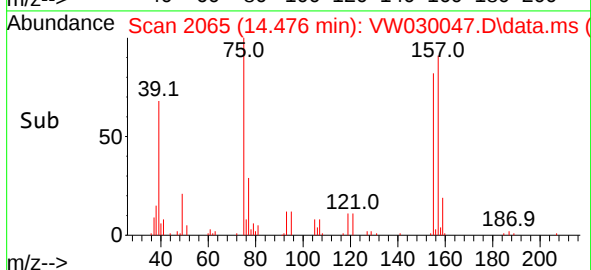
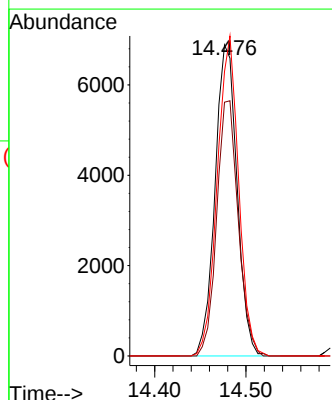
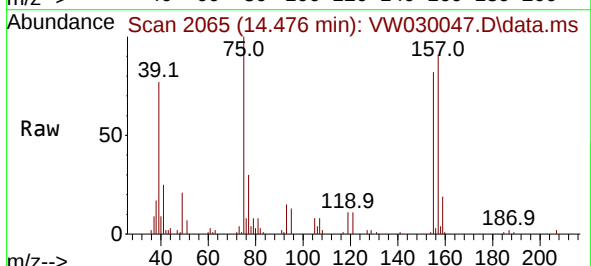
Tgt Ion: 75 Resp: 11546

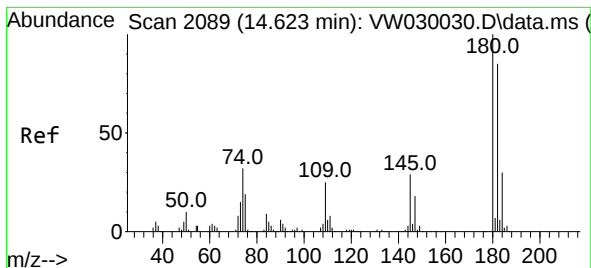
Ion Ratio Lower Upper

75 100

155 81.6 62.8 94.2

157 91.5 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 12.463 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

DCXZ0MSD

Tgt Ion:180 Resp: 38960

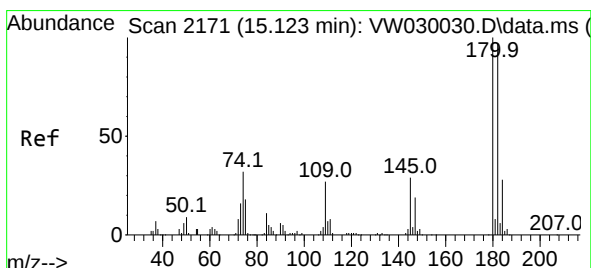
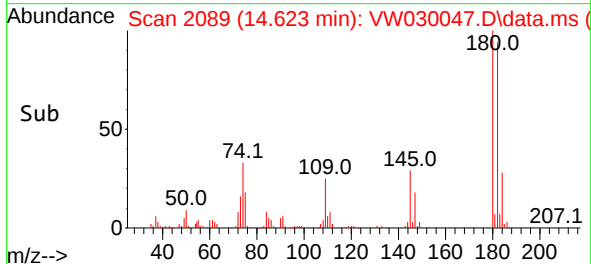
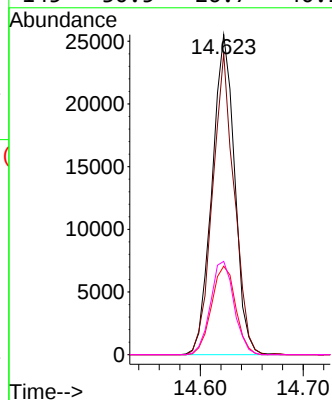
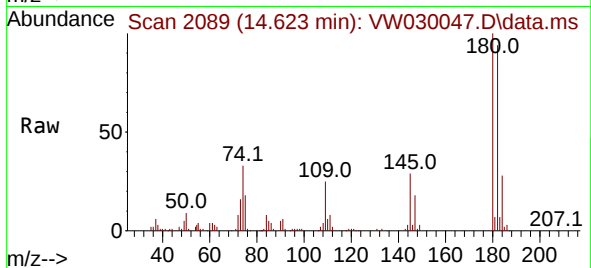
Ion Ratio Lower Upper

180 100

182 90.3 79.7 119.5

184 29.5 25.1 37.7

145 30.5 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 9.921 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

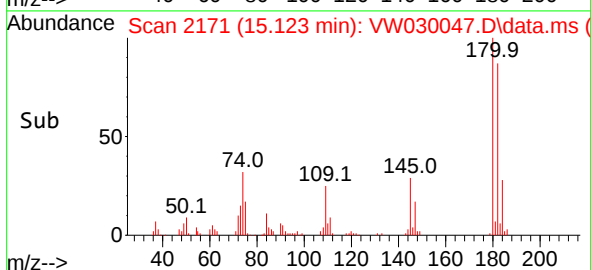
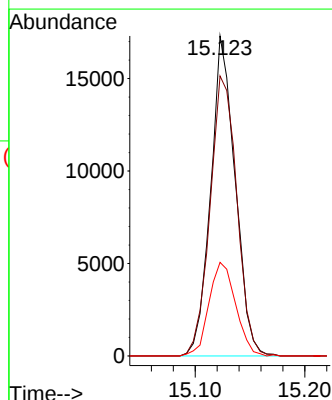
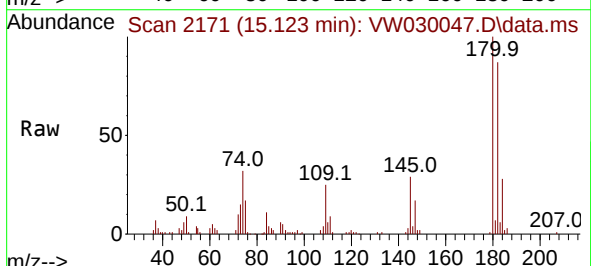
Tgt Ion:180 Resp: 26843

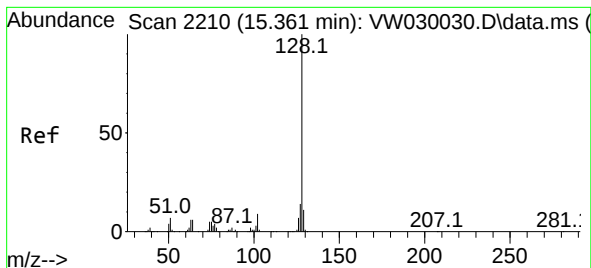
Ion Ratio Lower Upper

180 100

182 95.8 75.3 112.9

145 31.9 24.7 37.1





#71

Naphthalene

Concen: 13.117 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Instrument :

MSVOA_W

ClientSampleId :

DCXZ0MSD

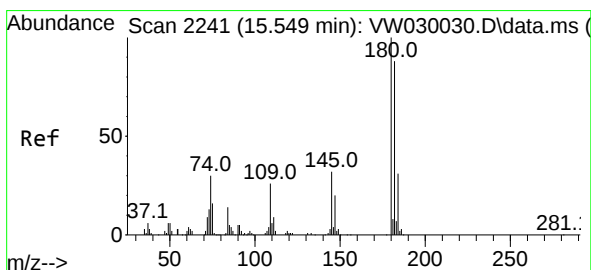
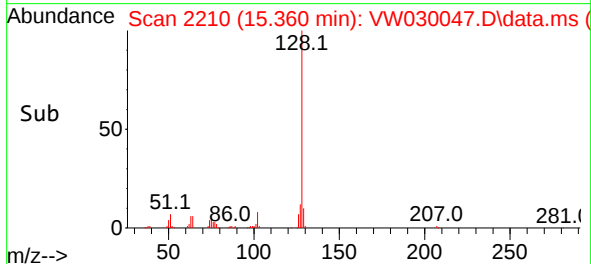
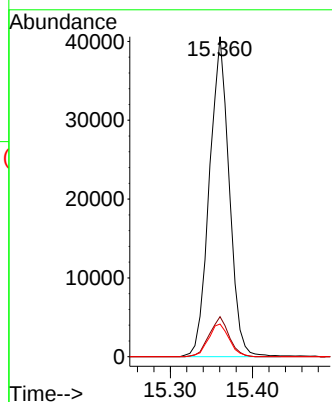
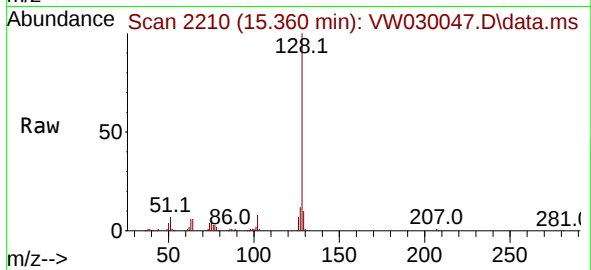
Tgt Ion:128 Resp: 67768

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 9.877 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030047.D

Acq: 27 Aug 2024 16:21

Tgt Ion:180 Resp: 23457

Ion Ratio Lower Upper

180 100

182 91.0 77.2 115.8

145 33.8 26.5 39.7

