

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030850.D
 Acq On : 25 Apr 2023 20:27
 Operator : SY/MD
 Sample : 02418-11MEMSD
 Misc : 3.58g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD

Quant Time: Apr 26 01:33:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	242559	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	234827	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	140663	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	72764	40.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.840%
7) Chloroethane-d5	1.536	69	64918	43.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.140%
11) 1,1-Dichloroethene-d2	2.066	65	36511	43.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.600%
21) 2-Butanone-d5	3.799	46	109328	111.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.940%
24) Chloroform-d	4.259	84	158373	49.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.300%
26) 1,2-Dichloroethane-d4	4.950	65	109749	52.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.940%
32) Benzene-d6	4.969	84	284253	51.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	5.998	67	83282	48.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.580%
41) Toluene-d8	7.249	98	273321	52.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.860%
43) trans-1,3-Dichloroprop...	7.558	79	47136	54.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.460%
47) 2-Hexanone-d5	8.034	63	67919	99.972	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.970%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	129509	51.753	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.500%
66) 1,2-Dichlorobenzene-d4	11.567	152	115369	51.601	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	89397	42.867	ug/L	99
3) Chloromethane	1.217	50	106204	38.822	ug/L	100
5) Vinyl chloride	1.288	62	95665	43.375	ug/L	98
6) Bromomethane	1.490	94	46236	52.868	ug/L	97
8) Chloroethane	1.552	64	63869	42.221	ug/L	99
9) Trichlorofluoromethane	1.719	101	166979	46.713	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	85118	45.310	ug/L	97
12) 1,1-Dichloroethene	2.076	96	77946	45.893	ug/L	96
13) Acetone	2.124	43	114707	75.900	ug/L	98
14) Carbon disulfide	2.249	76	192111	40.046	ug/L	99
15) Methyl Acetate	2.378	43	99764	49.466	ug/L	99
16) Methylene chloride	2.455	84	88409	45.487	ug/L	95
17) trans-1,2-Dichloroethene	2.703	96	76614	44.683	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	281773	51.306	ug/L	97
19) 1,1-Dichloroethane	3.121	63	161702	46.256	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	89182	47.815	ug/L	99
22) 2-Butanone	3.876	43	139680	89.436	ug/L	96
23) Bromochloromethane	4.159	128	50638	48.610	ug/L	95
25) Chloroform	4.285	83	175982	48.637	ug/L	98

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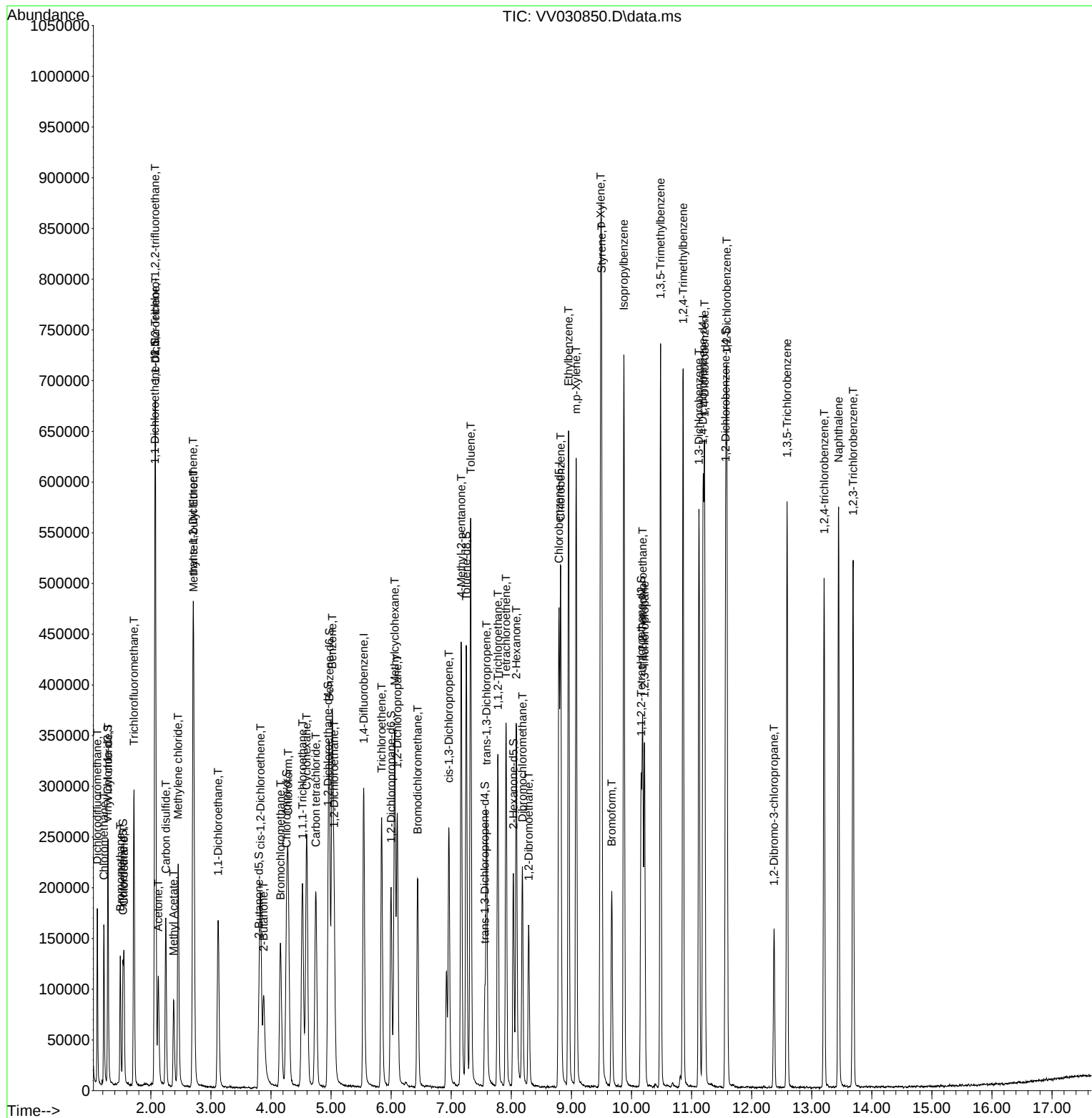
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	153269	50.041	ug/L	98
29) Cyclohexane	4.593	56	126591	44.922	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	161946	49.079	ug/L	100
31) Carbon tetrachloride	4.744	117	142429	48.279	ug/L	97
33) Benzene	5.018	78	342731	48.063	ug/L	100
34) Trichloroethene	5.841	95	86909	46.855	ug/L	96
35) Methylcyclohexane	6.059	83	132097	45.451	ug/L	99
37) 1,2-Dichloropropane	6.101	63	90564	47.185	ug/L	99
38) Bromodichloromethane	6.439	83	131384	48.730	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	140624	48.816	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	281359	104.942	ug/L	99
42) Toluene	7.323	91	382088	50.025	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	142115	50.214	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	94950	49.335	ug/L	97
46) Tetrachloroethene	7.911	164	79536	48.989	ug/L	99
48) 2-Hexanone	8.082	43	224236	101.362	ug/L	97
49) Dibromochloromethane	8.185	129	101391	47.761	ug/L	97
50) 1,2-Dibromoethane	8.288	107	96596	48.439	ug/L	95
51) Chlorobenzene	8.821	112	250258	49.473	ug/L	99
52) Ethylbenzene	8.953	91	420130	49.686	ug/L	100
53) m,p-Xylene	9.079	106	163147	51.080	ug/L	96
54) o-Xylene	9.487	106	156948	50.230	ug/L	99
55) Styrene	9.503	104	287443	52.371	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	153004	48.421	ug/L	98
59) Bromoform	9.670	173	84592	48.033	ug/L	98
60) Isopropylbenzene	9.873	105	436035	49.705	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	120496	47.828	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	356630	49.376	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	355092	49.239	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	222180	50.587	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	226993	49.012	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	222318	50.175	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	35734	47.874	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	167316	50.430	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	146139	51.878	ug/L	98
71) Naphthalene	13.448	128	429533	55.741	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	151954	54.399	ug/L	99

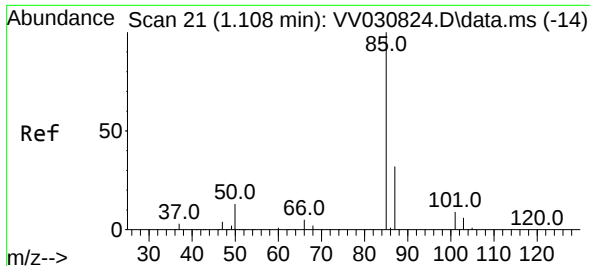
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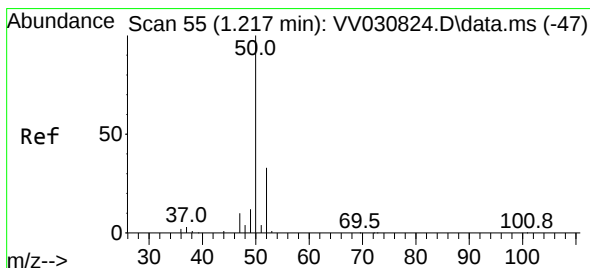
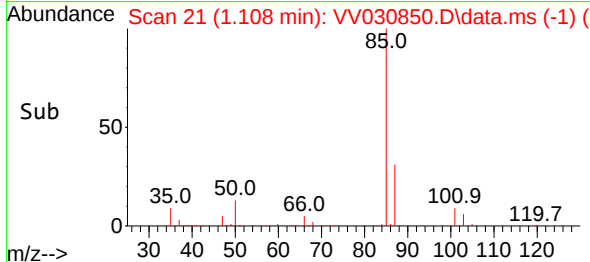
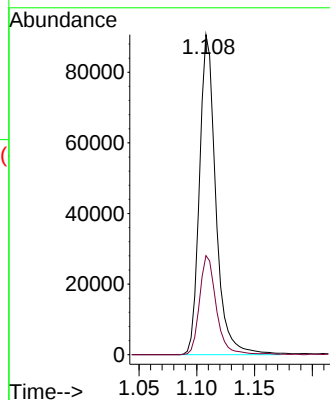
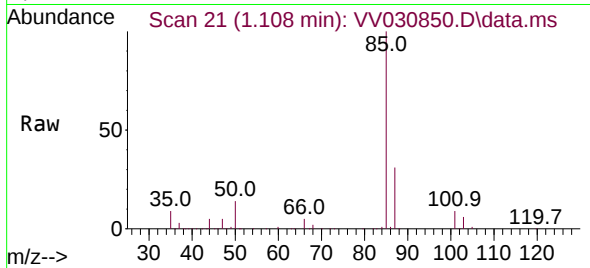




#2
 Dichlorodifluoromethane
 Concen: 42.867 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

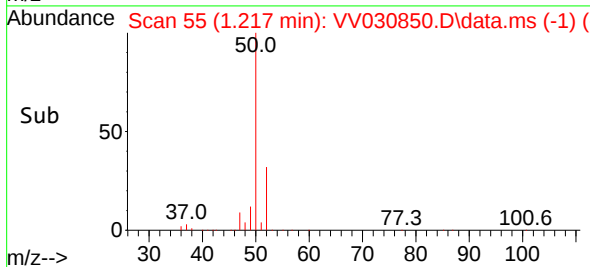
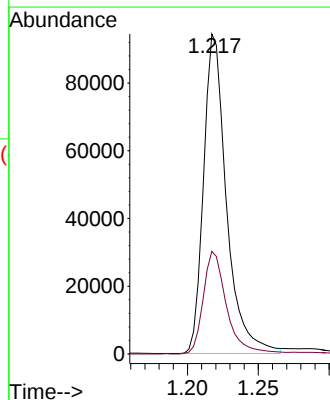
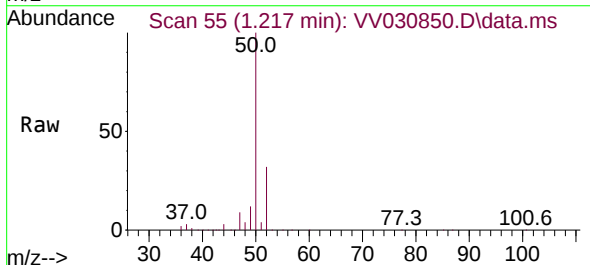
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD

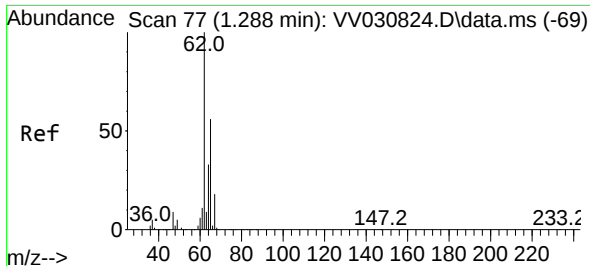
Tgt Ion: 85 Resp: 89397
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.6 38.4



#3
 Chloromethane
 Concen: 38.822 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

Tgt Ion: 50 Resp: 106204
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.5 41.9

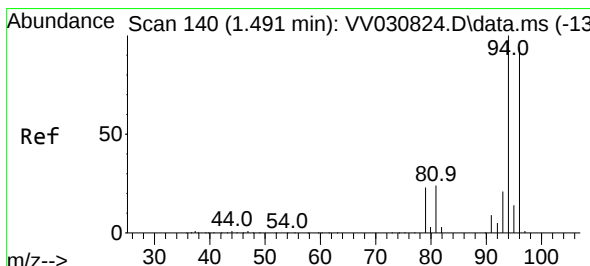
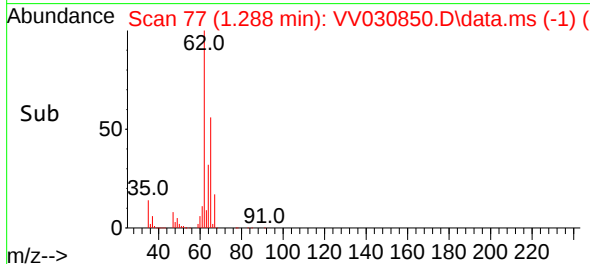
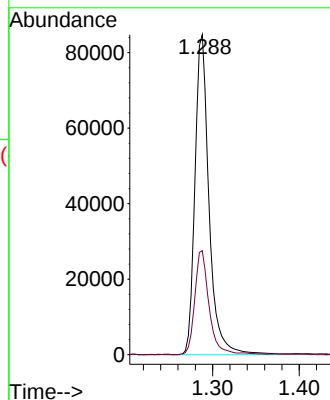
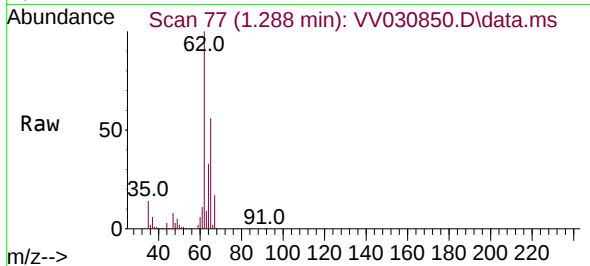




#5
 Vinyl chloride
 Concen: 43.375 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

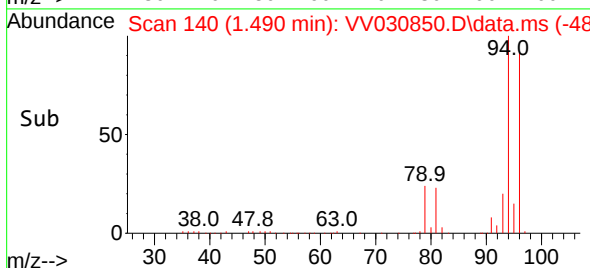
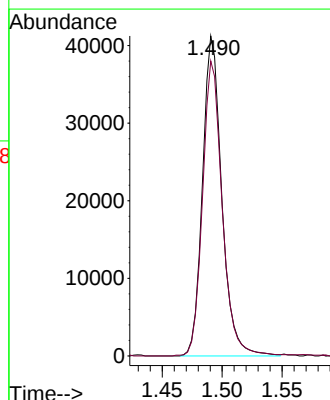
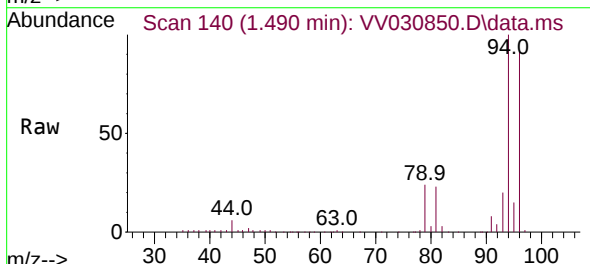
Instrument :
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 ClientSampleId :
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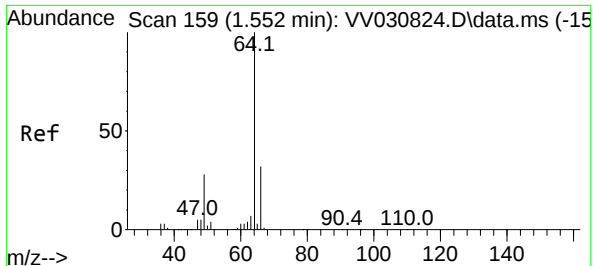
Tgt Ion: 62 Resp: 95665
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.4



#6
 Bromomethane
 Concen: 52.868 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

Tgt Ion: 94 Resp: 46236
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.3 123.1

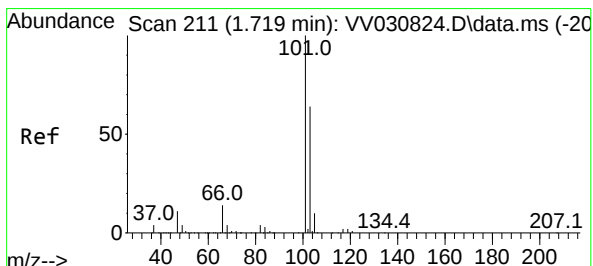
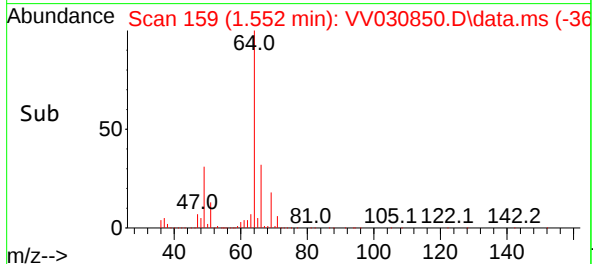
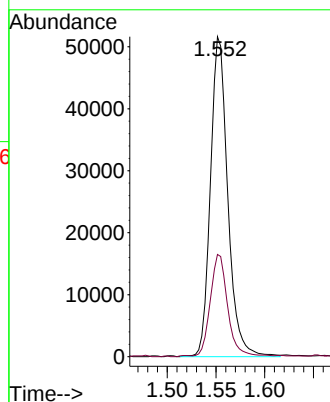
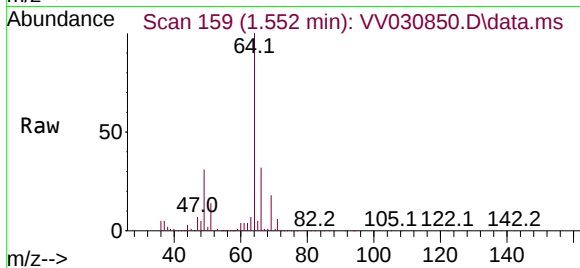




#8
Chloroethane
Concen: 42.221 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

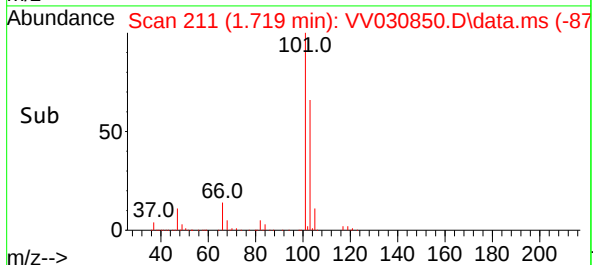
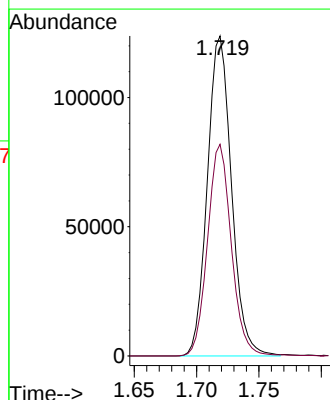
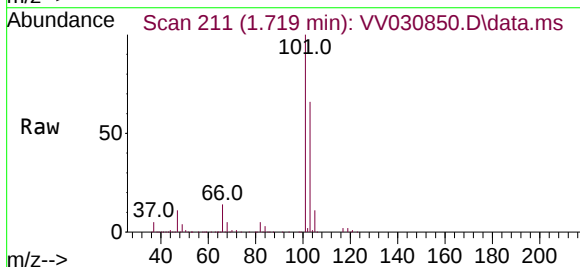
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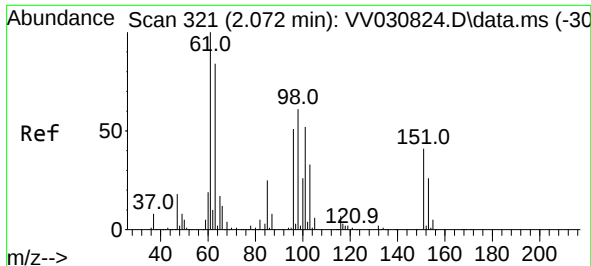
Tgt Ion: 64 Resp: 63869
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 46.713 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion:101 Resp: 166979
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

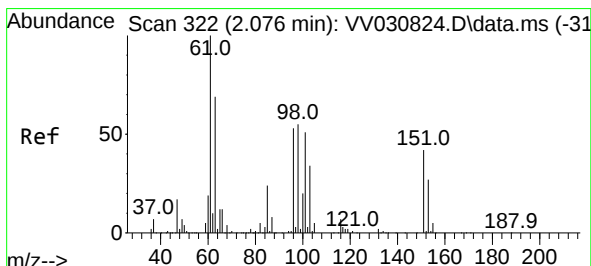
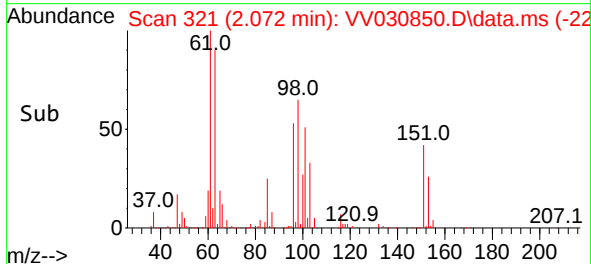
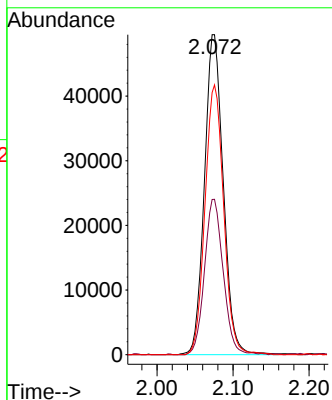
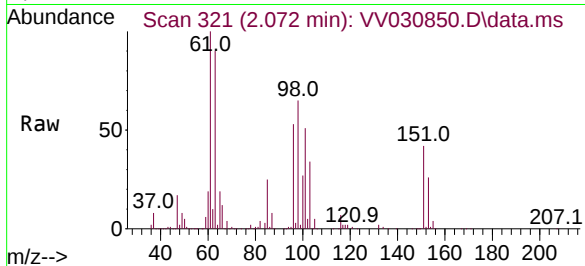




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.310 ug/L
 RT: 2.072 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

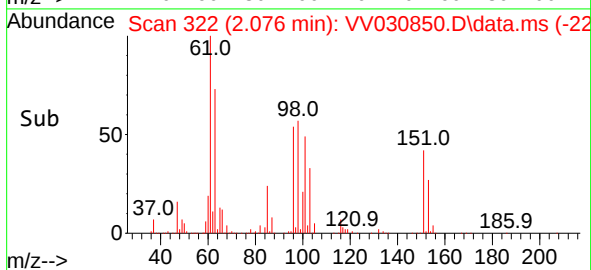
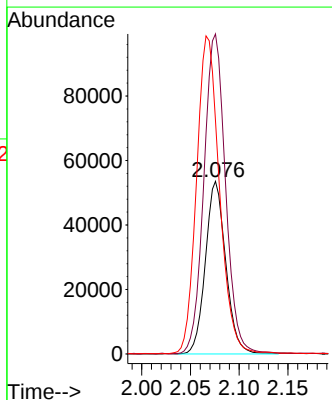
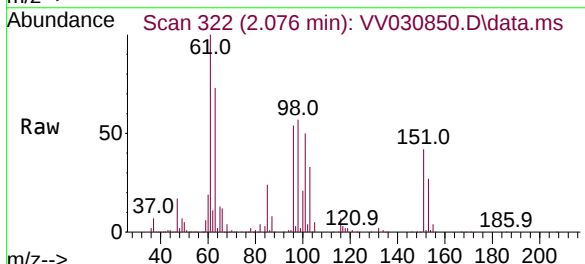
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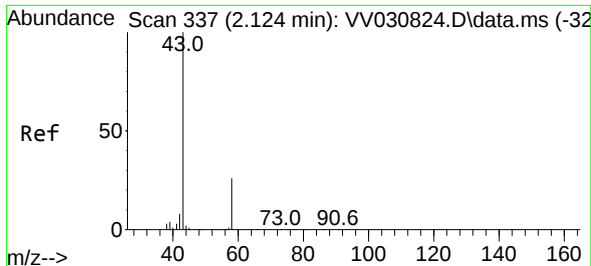
Tgt Ion:101 Resp: 85118
 Ion Ratio Lower Upper
 101 100
 85 48.0 37.5 56.3
 151 83.4 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 45.893 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

Tgt Ion: 96 Resp: 77946
 Ion Ratio Lower Upper
 96 100
 61 185.4 131.9 245.0
 63 135.3 99.8 185.3





#13

Acetone

Concen: 75.900 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

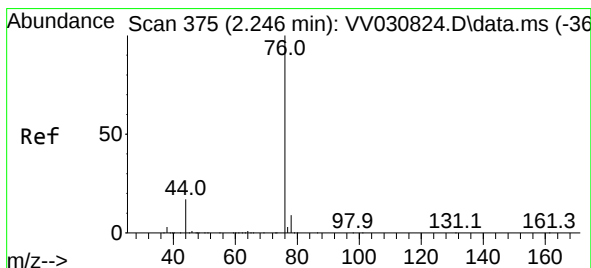
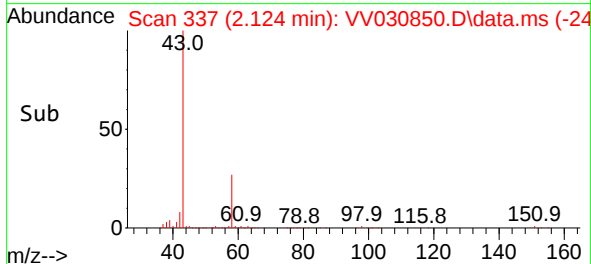
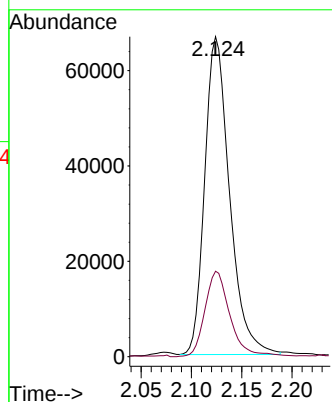
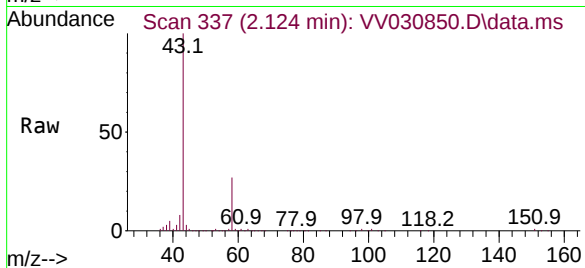
EW8Z5MSD

Tgt Ion: 43 Resp: 114707

Ion Ratio Lower Upper

43 100

58 27.2 0.0 52.8



#14

Carbon disulfide

Concen: 40.046 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

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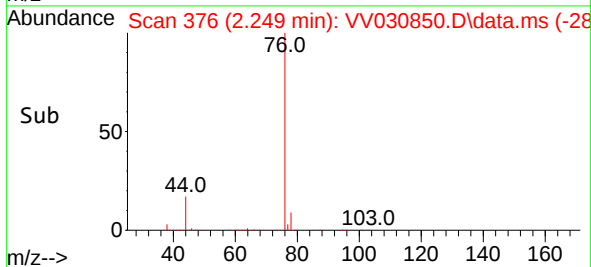
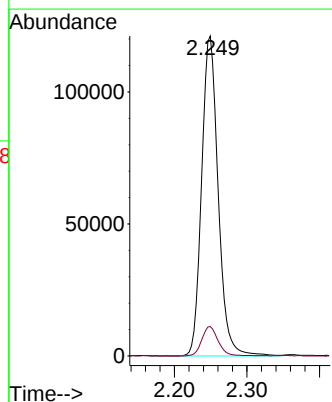
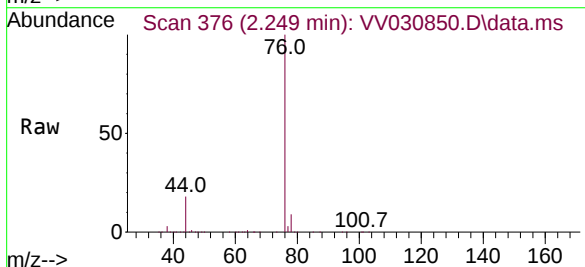
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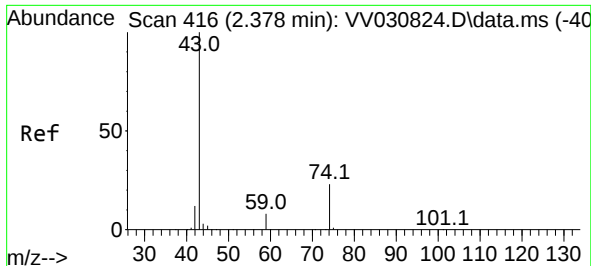
Tgt Ion: 76 Resp: 192111

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

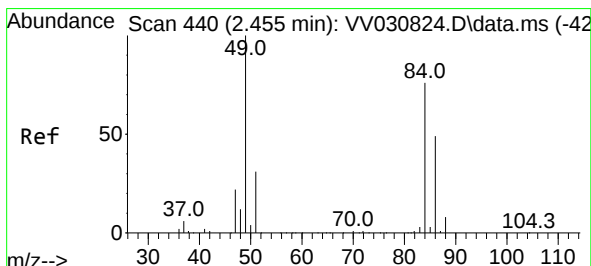
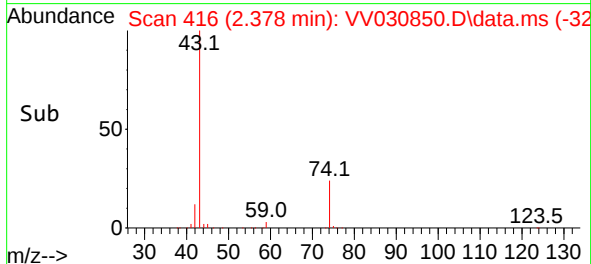
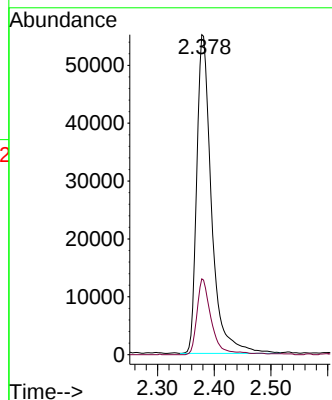
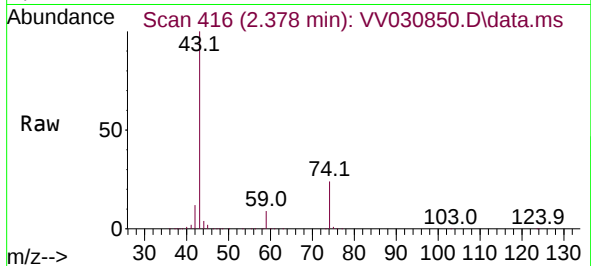




#15
Methyl Acetate
Concen: 49.466 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

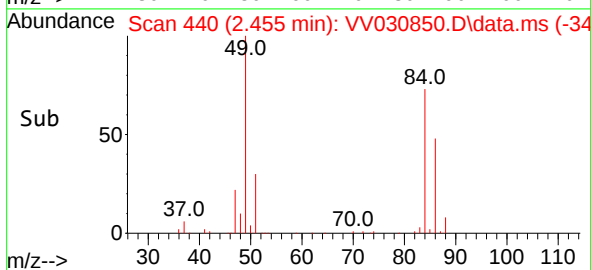
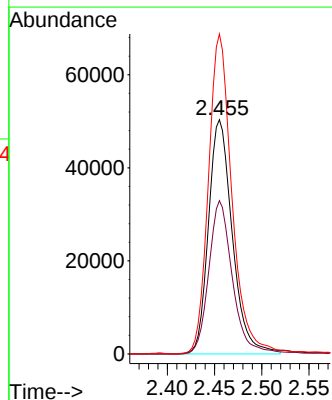
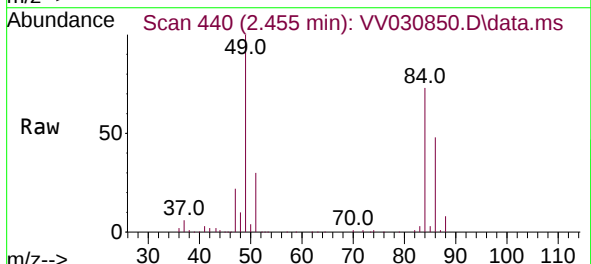
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

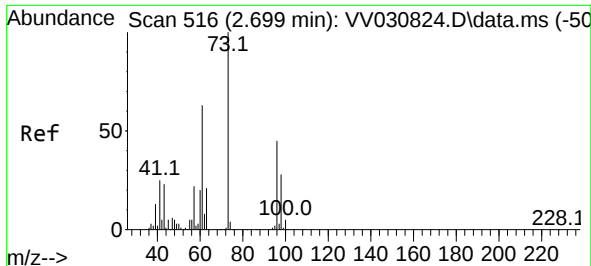
Tgt Ion: 43 Resp: 99764
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5



#16
Methylene chloride
Concen: 45.487 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion: 84 Resp: 88409
Ion Ratio Lower Upper
84 100
86 65.4 45.4 84.2
49 136.6 90.4 168.0

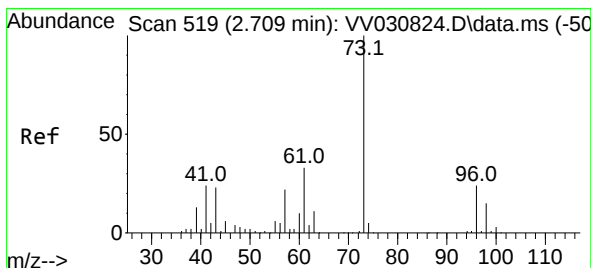
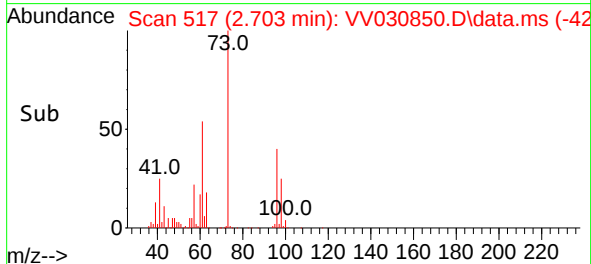
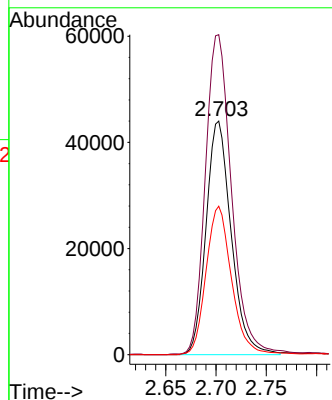
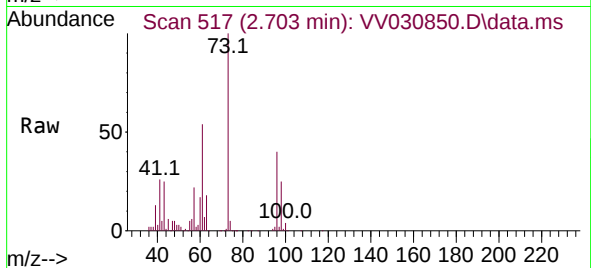




#17
trans-1,2-Dichloroethene
Concen: 44.683 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

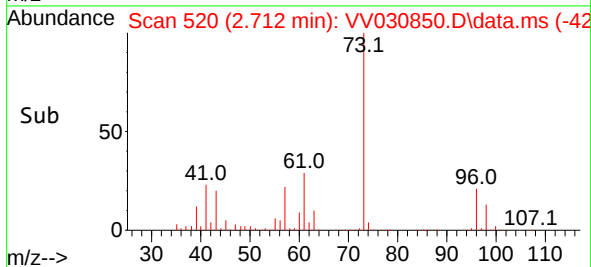
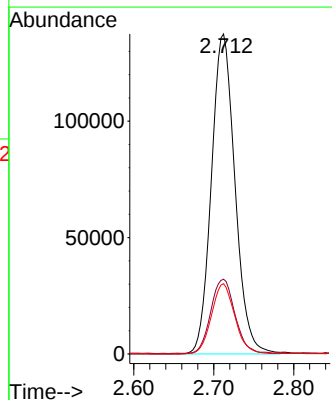
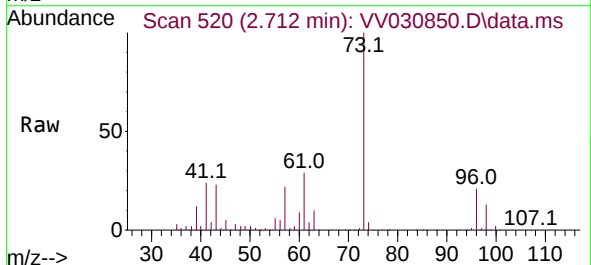
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

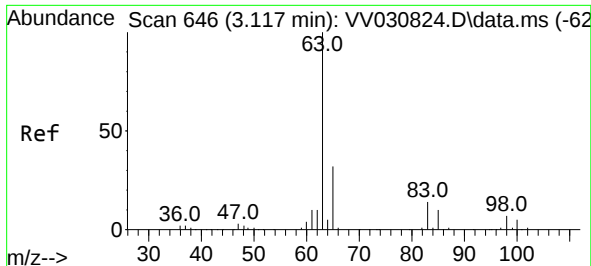
Tgt Ion: 96 Resp: 76614
Ion Ratio Lower Upper
96 100
61 137.0 101.0 187.6
98 63.6 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 51.306 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion: 73 Resp: 281773
Ion Ratio Lower Upper
73 100
43 23.6 17.6 26.4
57 21.8 18.2 27.2





#19

1,1-Dichloroethane

Concen: 46.256 ug/L

RT: 3.121 min Scan# 647

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

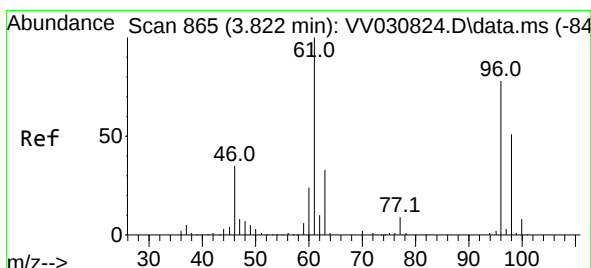
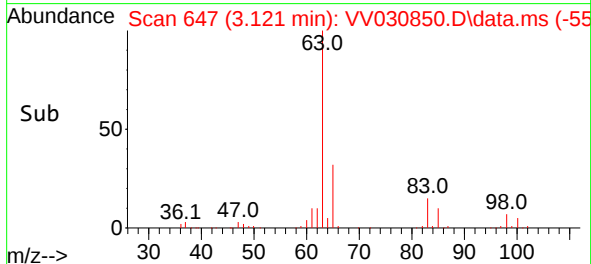
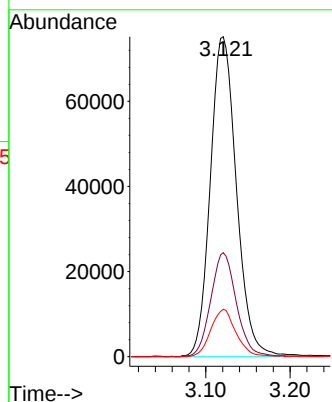
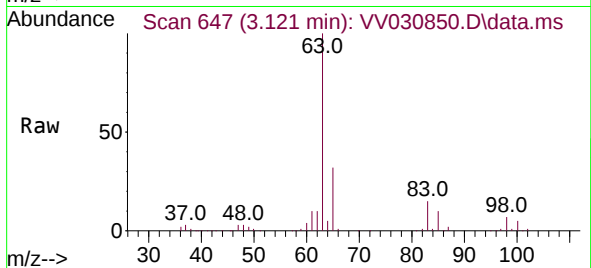
Tgt Ion: 63 Resp: 161702

Ion Ratio Lower Upper

63 100

65 32.5 21.8 40.6

83 14.8 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 47.815 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

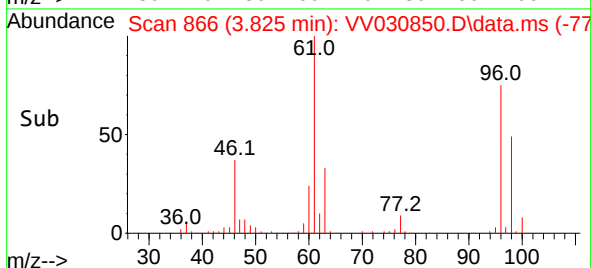
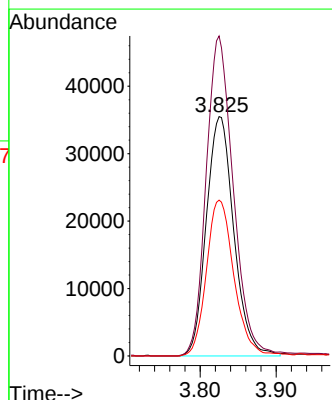
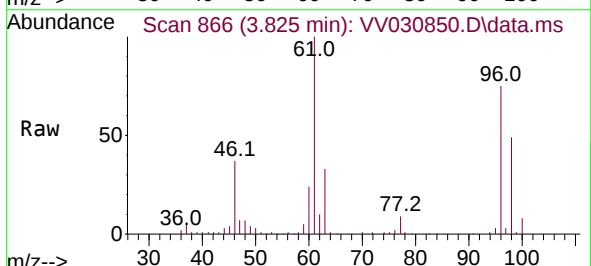
Tgt Ion: 96 Resp: 89182

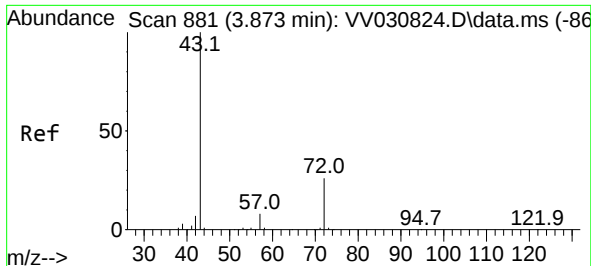
Ion Ratio Lower Upper

96 100

61 133.7 92.3 171.3

98 65.1 45.9 85.3

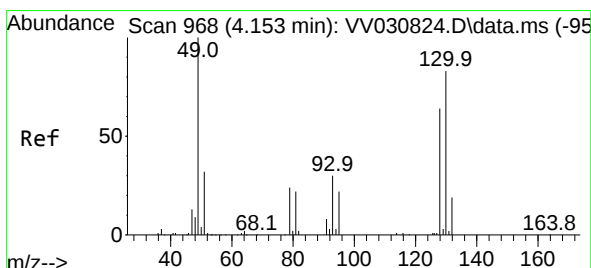
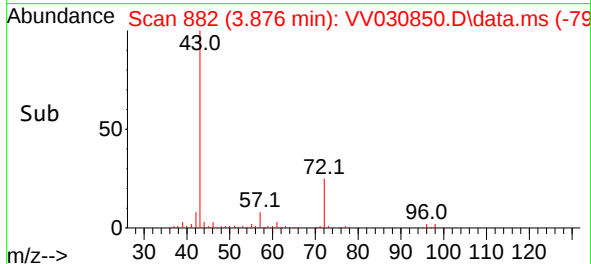
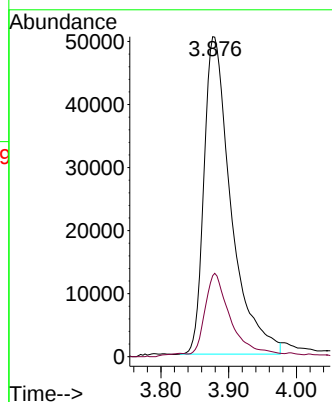
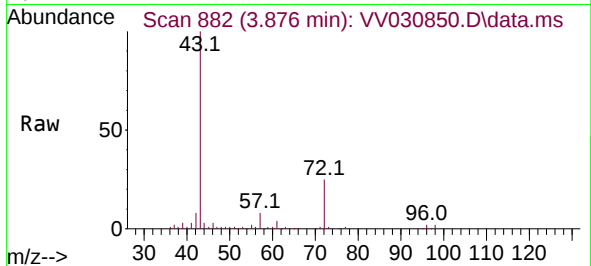




#22
2-Butanone
Concen: 89.436 ug/L
RT: 3.876 min Scan# 81
Delta R.T. -0.007 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

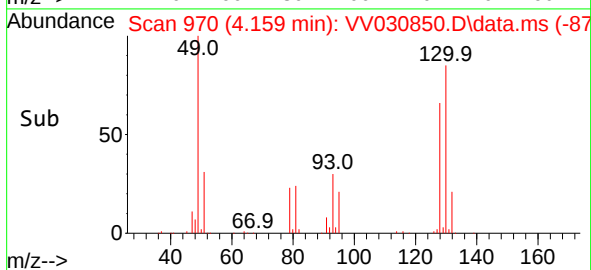
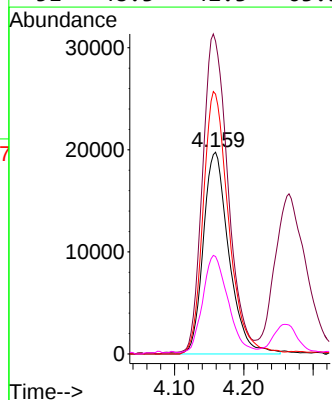
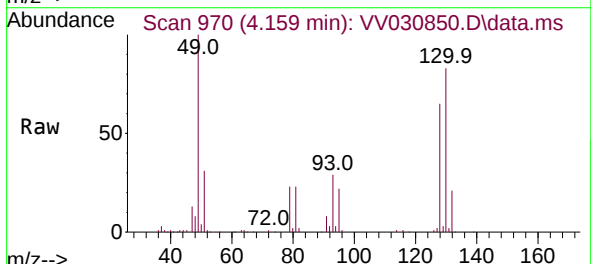
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

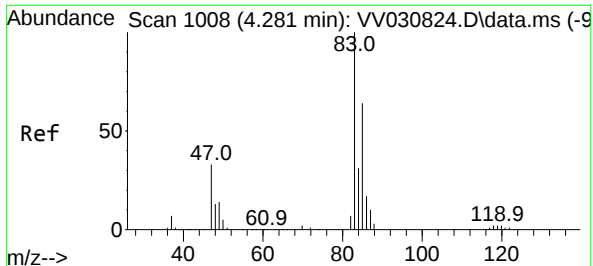
Tgt Ion: 43 Resp: 139680
Ion Ratio Lower Upper
43 100
72 24.6 11.5 34.4



#23
Bromochloromethane
Concen: 48.610 ug/L
RT: 4.159 min Scan# 970
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion:128 Resp: 50638
Ion Ratio Lower Upper
128 100
49 155.0 114.7 213.1
130 128.8 89.0 165.2
51 48.3 42.3 63.5





#25

Chloroform

Concen: 48.637 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

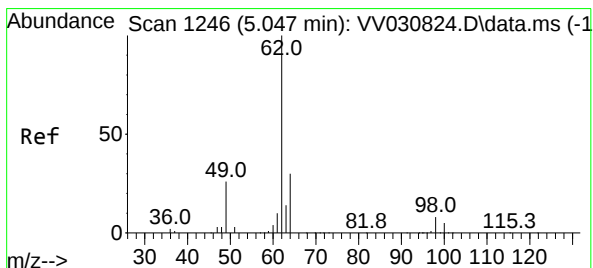
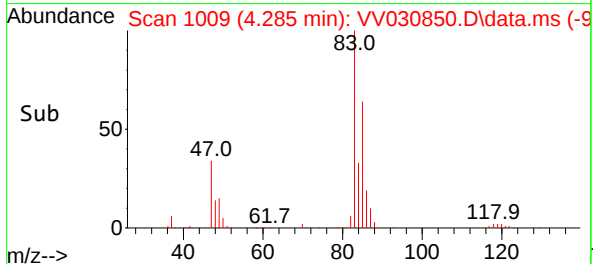
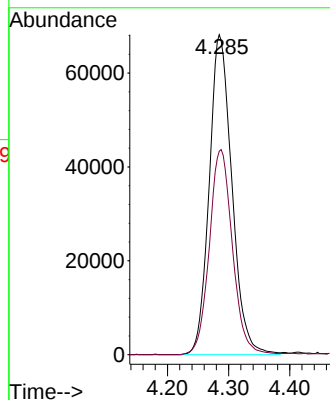
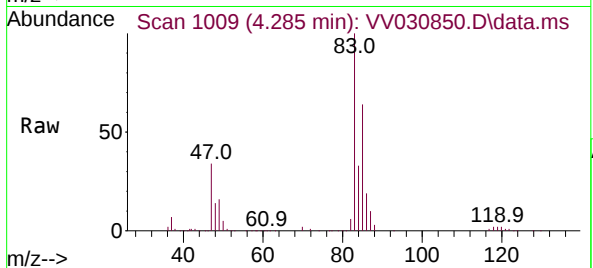
EW8Z5MSD

Tgt Ion: 83 Resp: 175982

Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 50.041 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VV030850.D

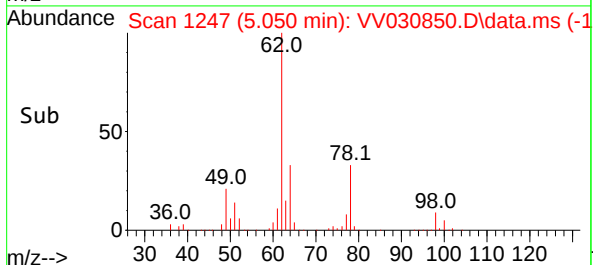
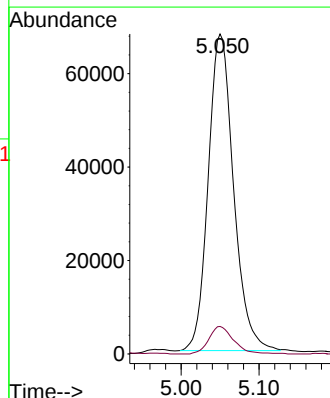
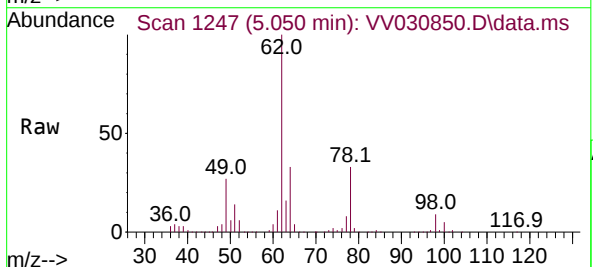
Acq: 25 Apr 2023 20:27

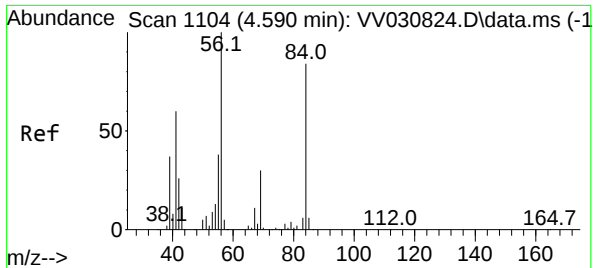
Tgt Ion: 62 Resp: 153269

Ion Ratio Lower Upper

62 100

98 8.6 6.4 9.6

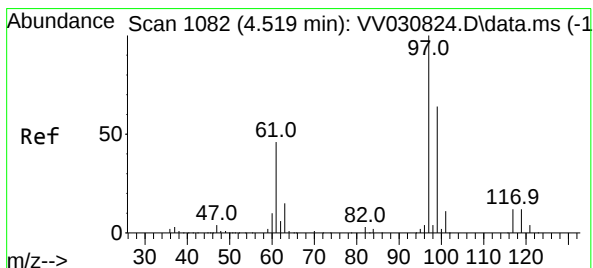
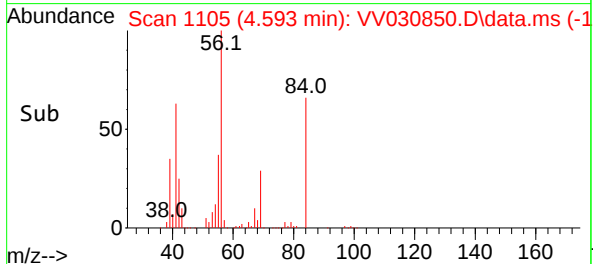
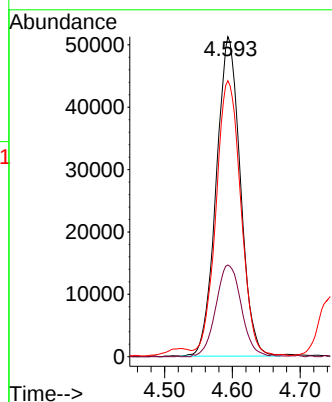
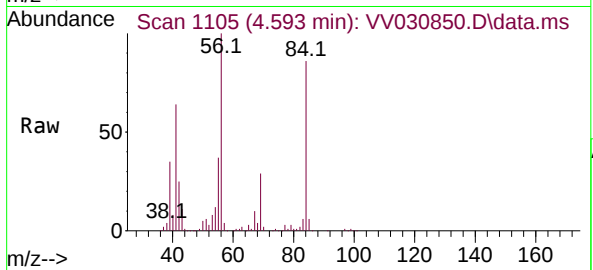




#29
Cyclohexane
Concen: 44.922 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

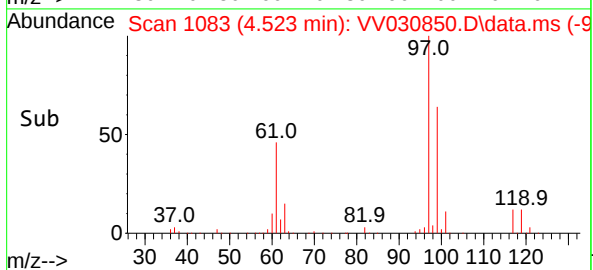
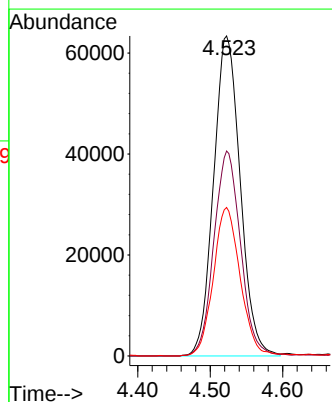
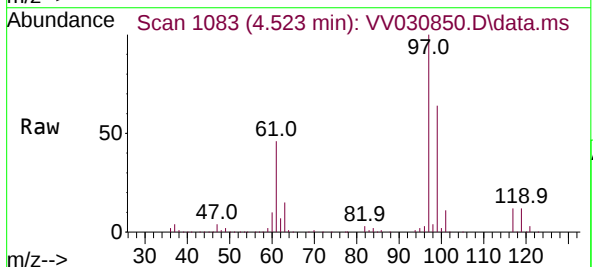
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

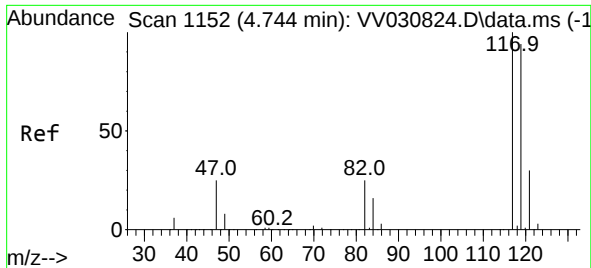
Tgt Ion: 56 Resp: 126591
Ion Ratio Lower Upper
56 100
69 29.8 24.0 36.0
84 87.6 68.2 102.2



#30
1,1,1-Trichloroethane
Concen: 49.079 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion: 97 Resp: 161946
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 46.7 37.0 55.6

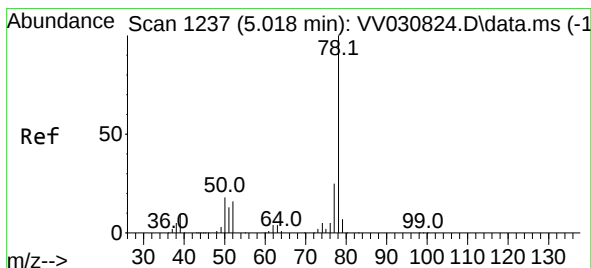
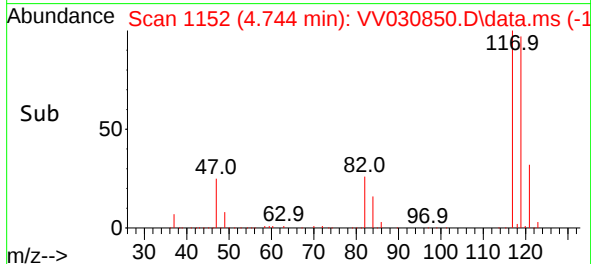
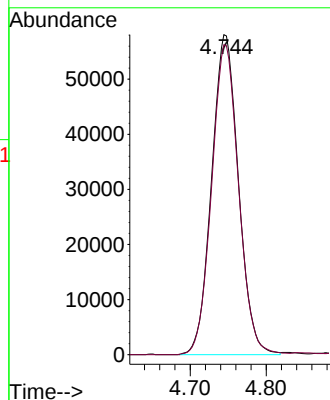
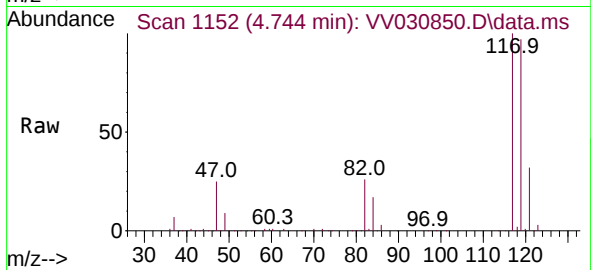




#31
Carbon tetrachloride
Concen: 48.279 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

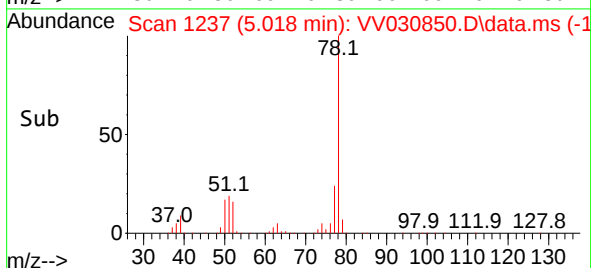
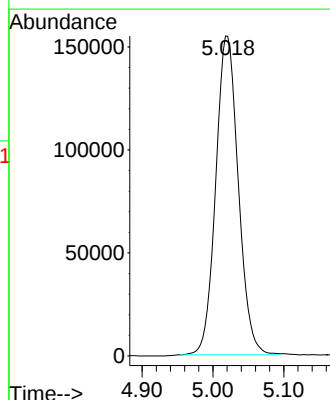
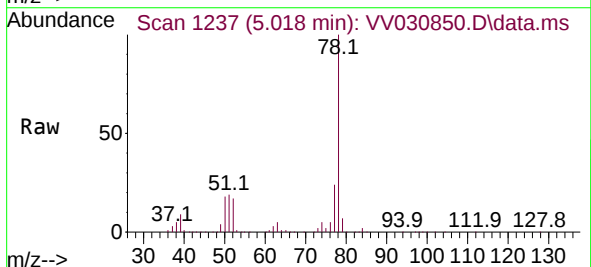
Instrument : MSVOA_V
ClientSampleId : EW8Z5MSD

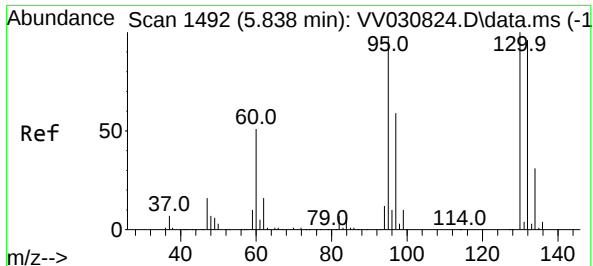
Tgt Ion:117 Resp: 142429
Ion Ratio Lower Upper
117 100
119 97.4 75.9 113.9



#33
Benzene
Concen: 48.063 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion: 78 Resp: 342731





#34

Trichloroethene

Concen: 46.855 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion: 95 Resp: 86909

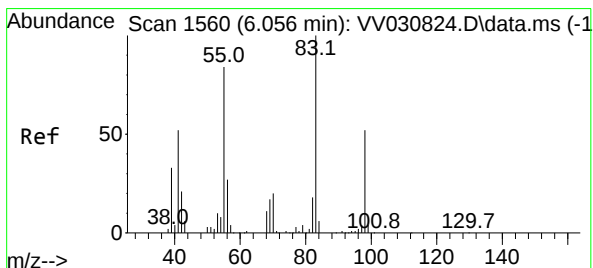
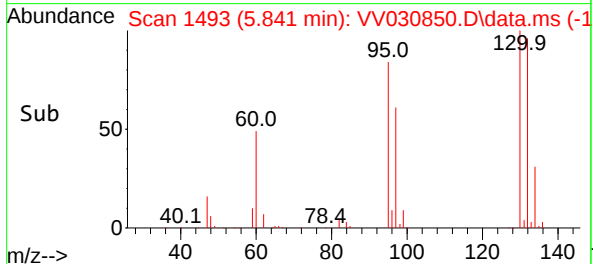
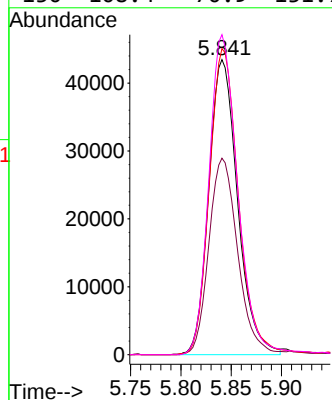
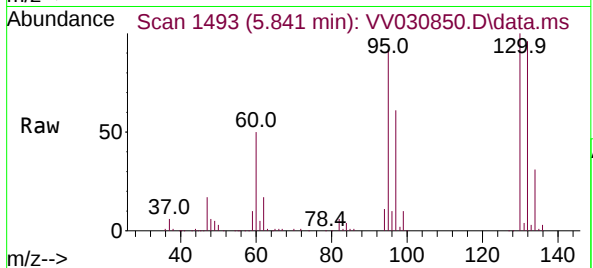
Ion Ratio Lower Upper

95 100

97 66.6 45.8 85.2

132 103.8 70.6 131.2

130 108.4 70.9 131.7



#35

Methylcyclohexane

Concen: 45.451 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

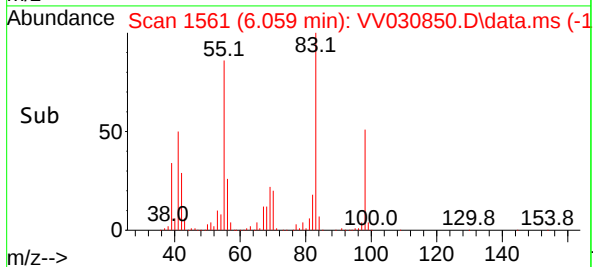
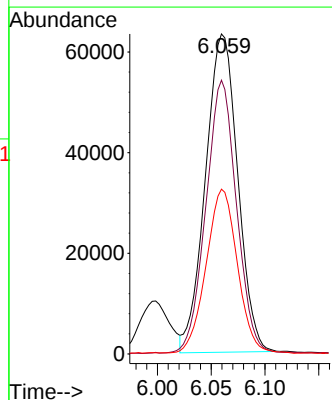
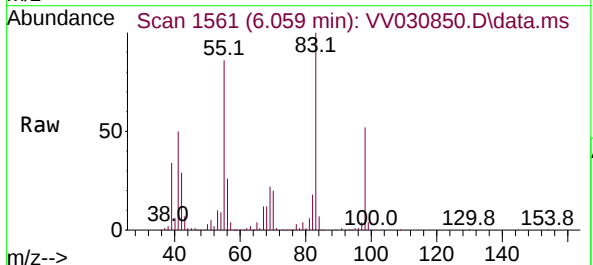
Tgt Ion: 83 Resp: 132097

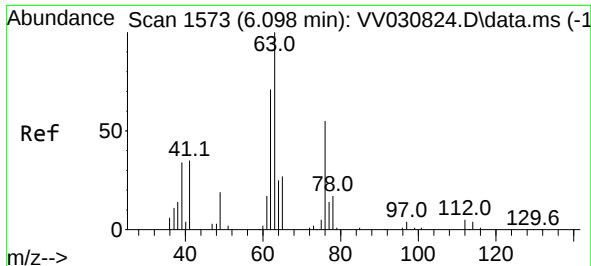
Ion Ratio Lower Upper

83 100

55 81.5 65.5 98.3

98 50.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 47.185 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

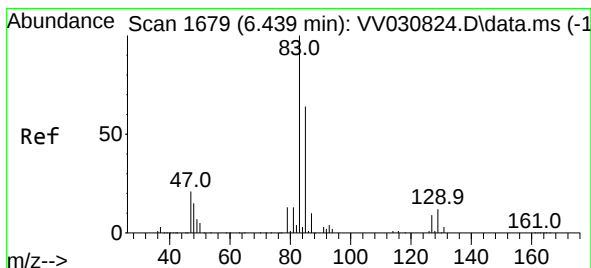
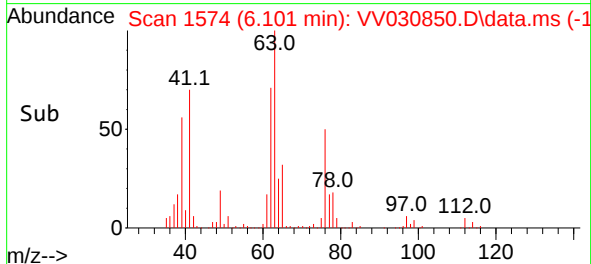
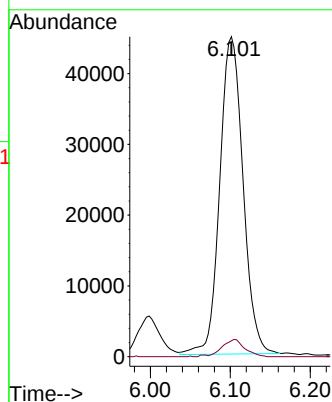
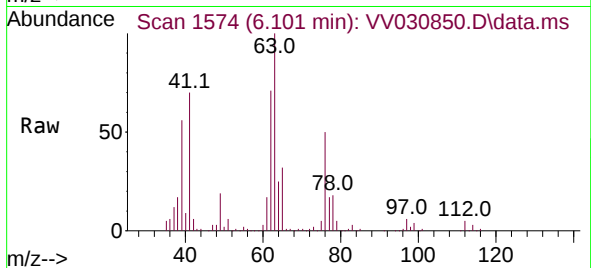
EW8Z5MSD

Tgt Ion: 63 Resp: 90564

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 48.730 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

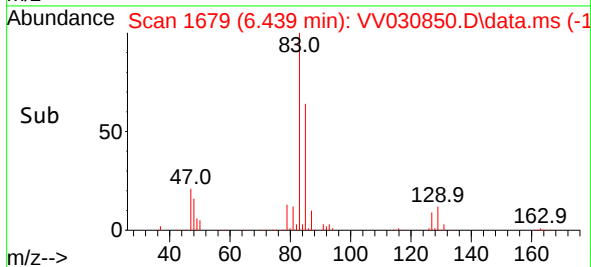
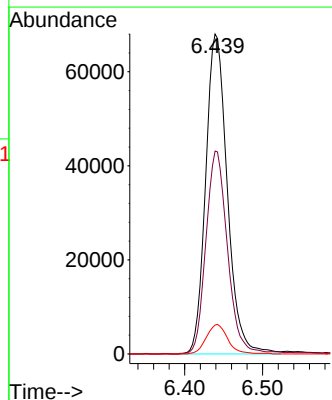
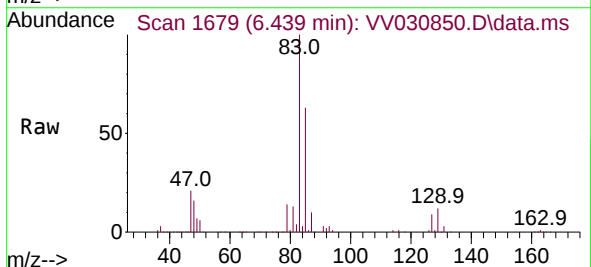
Tgt Ion: 83 Resp: 131384

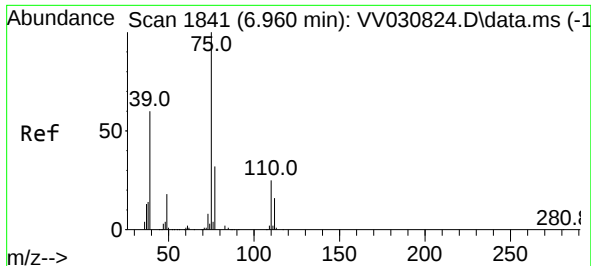
Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.4

127 9.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 48.816 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

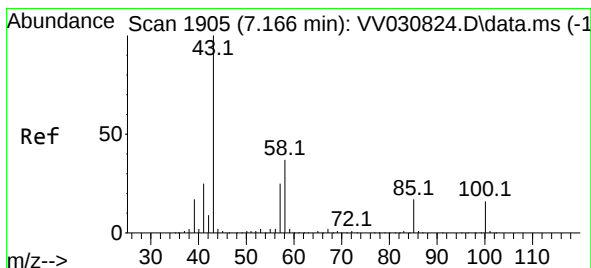
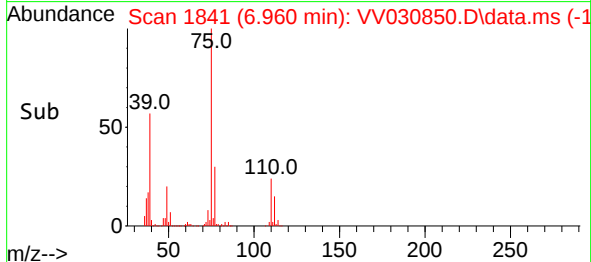
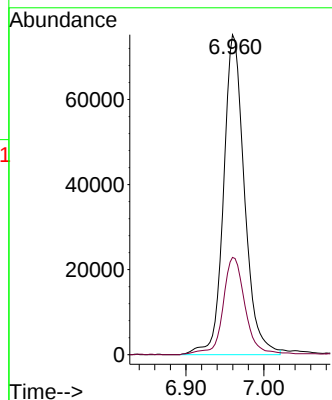
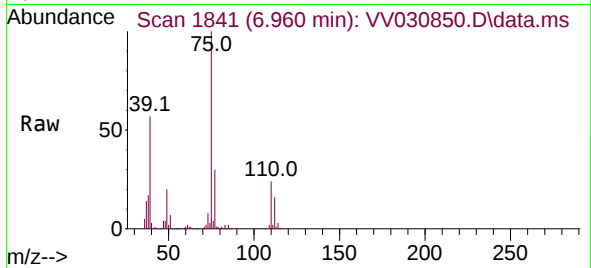
EW8Z5MSD

Tgt Ion: 75 Resp: 140624

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 104.942 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

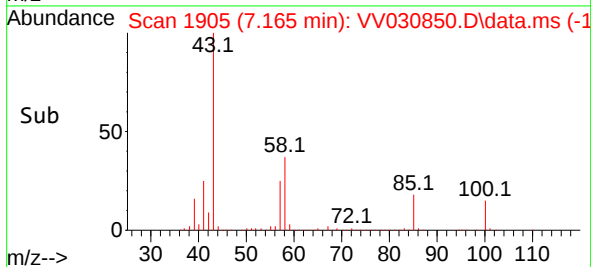
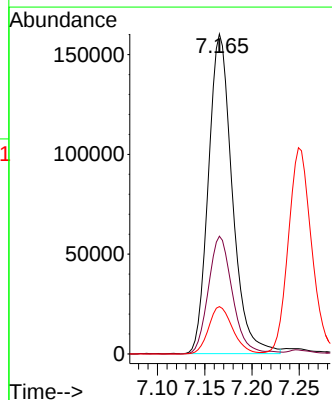
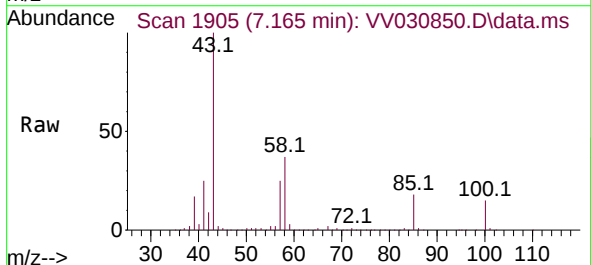
Tgt Ion: 43 Resp: 281359

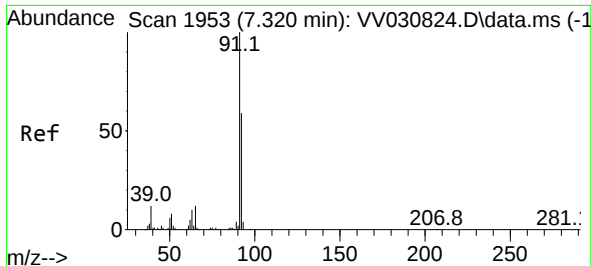
Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 15.0 11.3 16.9





#42

Toluene

Concen: 50.025 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

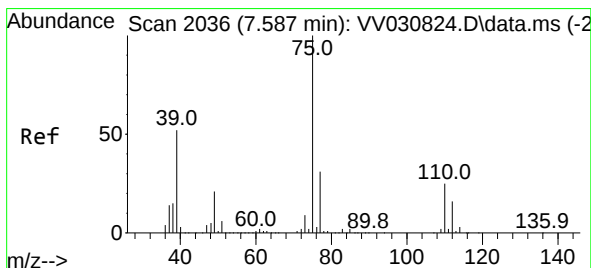
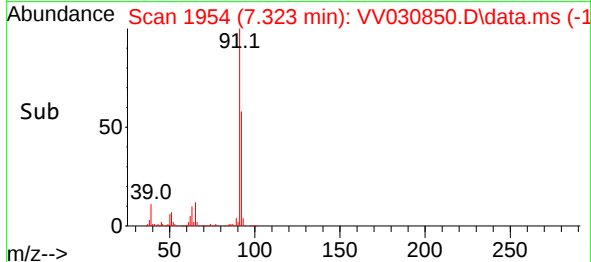
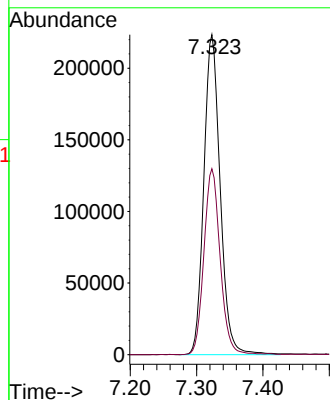
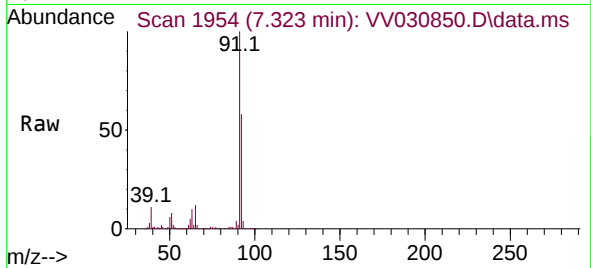
EW8Z5MSD

Tgt Ion: 91 Resp: 382088

Ion Ratio Lower Upper

91 100

92 58.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 50.214 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV030850.D

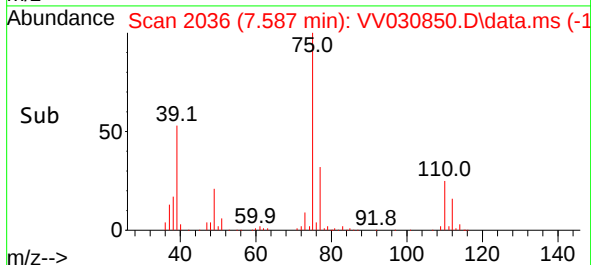
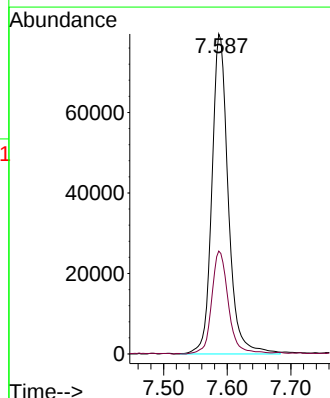
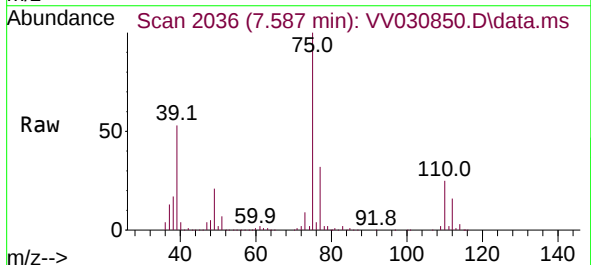
Acq: 25 Apr 2023 20:27

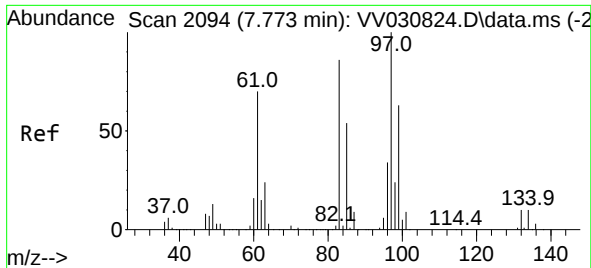
Tgt Ion: 75 Resp: 142115

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1

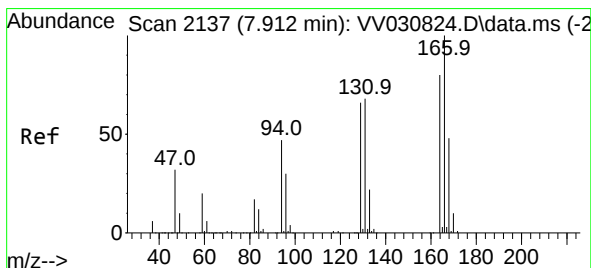
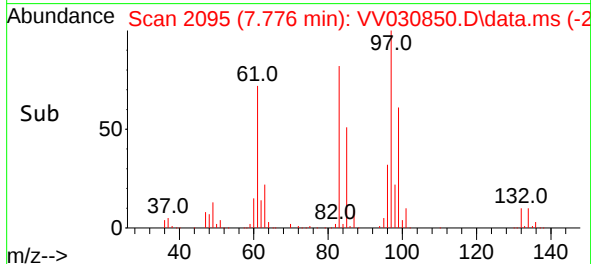
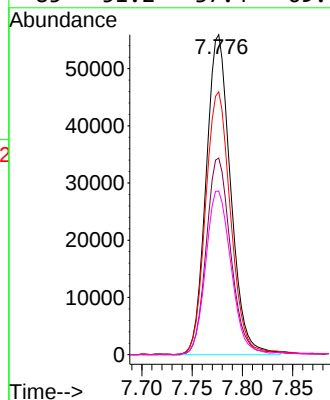
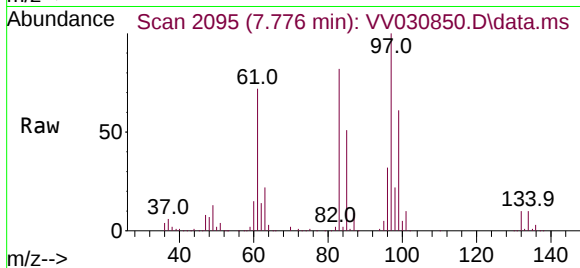




#45
1,1,2-Trichloroethane
Concen: 49.335 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

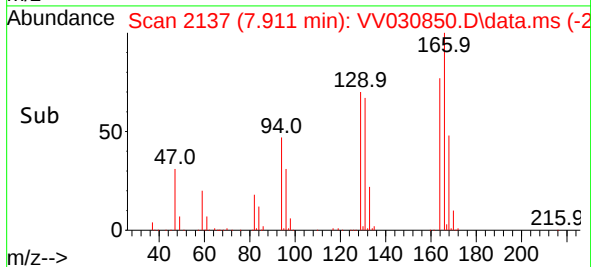
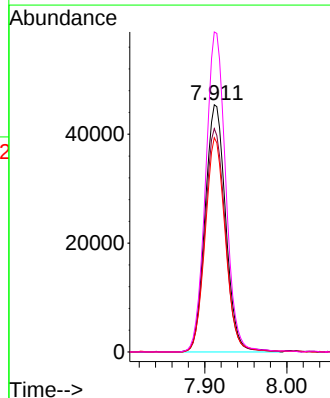
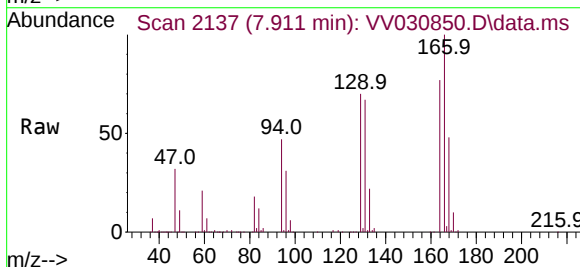
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

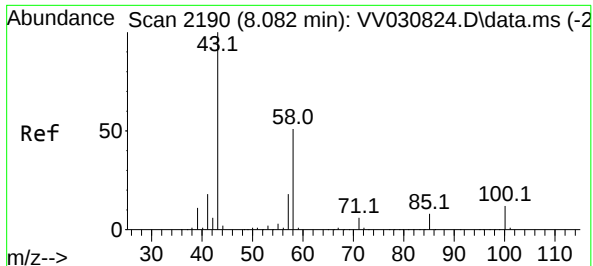
Tgt Ion:	97	Resp:	94950
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.4
83	82.1	59.6	110.6
85	51.2	37.4	69.4



#46
Tetrachloroethene
Concen: 48.989 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion:	164	Resp:	79536
Ion	Ratio	Lower	Upper
164	100		
129	90.4	63.8	118.6
131	86.7	60.3	111.9
166	129.4	89.5	166.1





#48

2-Hexanone

Concen: 101.362 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion: 43 Resp: 224236

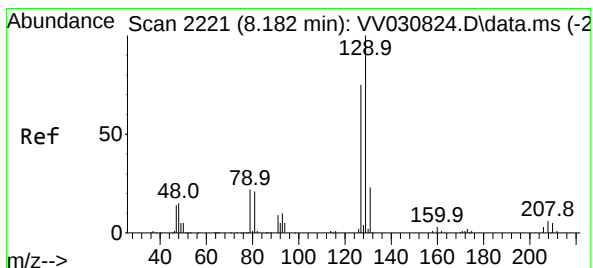
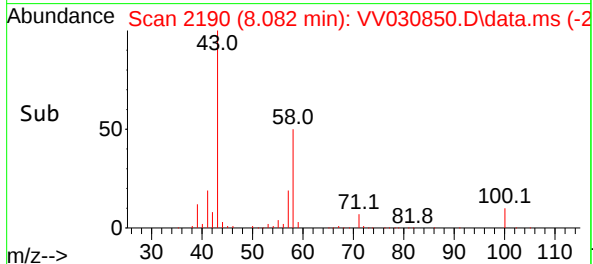
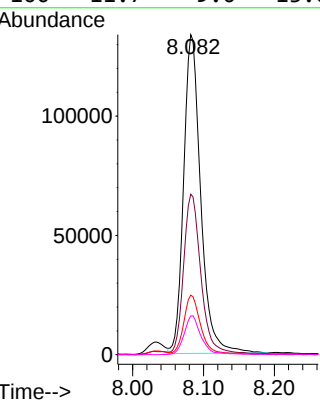
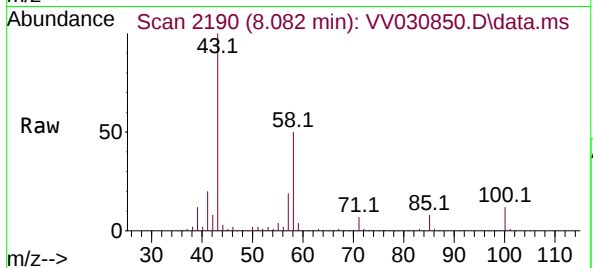
Ion Ratio Lower Upper

43 100

58 49.2 41.4 62.0

57 17.6 14.9 22.3

100 11.7 9.0 13.6



#49

Dibromochloromethane

Concen: 47.761 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. -0.000 min

Lab File: VV030850.D

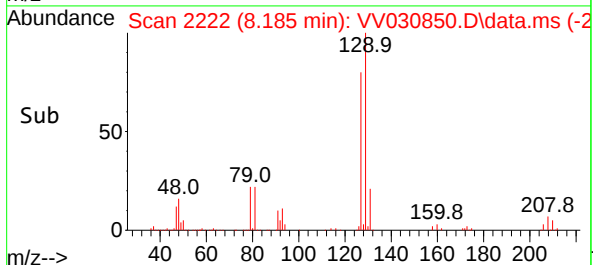
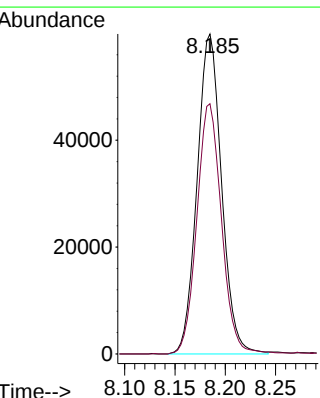
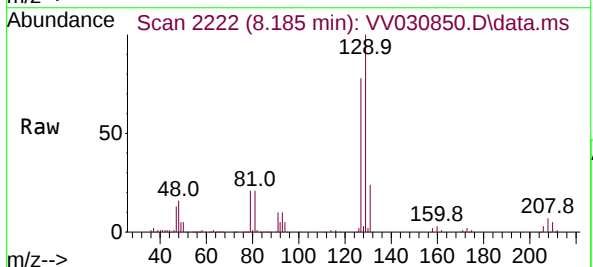
Acq: 25 Apr 2023 20:27

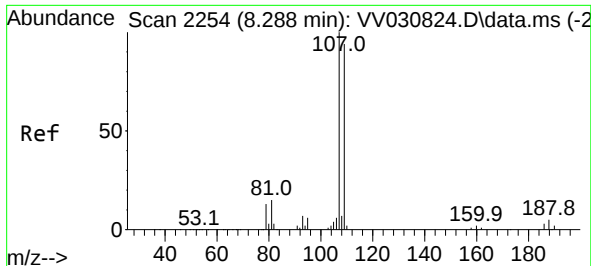
Tgt Ion: 129 Resp: 101391

Ion Ratio Lower Upper

129 100

127 78.2 52.8 98.2





#50

1,2-Dibromoethane

Concen: 48.439 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

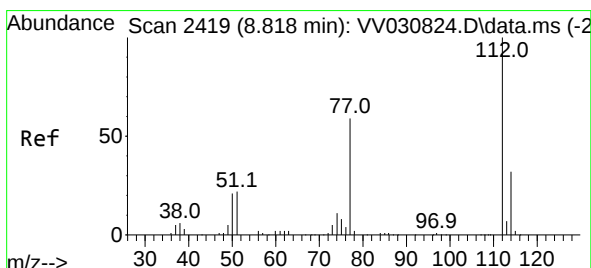
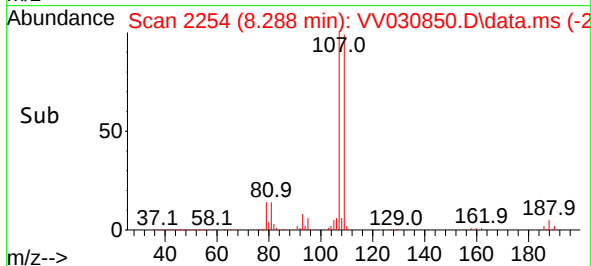
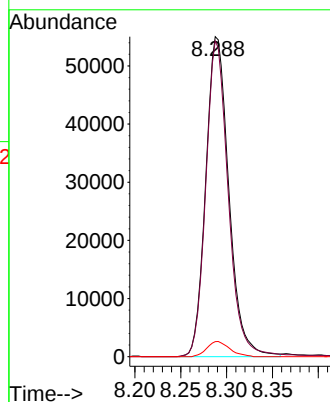
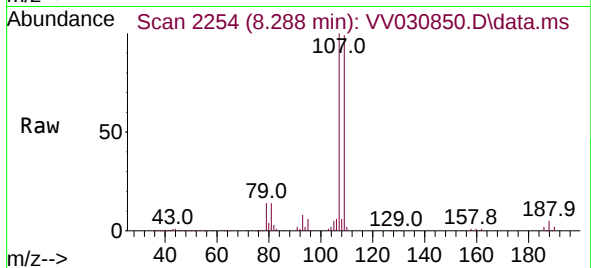
Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

Tgt Ion:107	Resp:	96596
Ion	Ratio	Lower Upper
107	100	
109	98.6	65.7 121.9
188	4.7	3.2 4.8



#51

Chlorobenzene

Concen: 49.473 ug/L

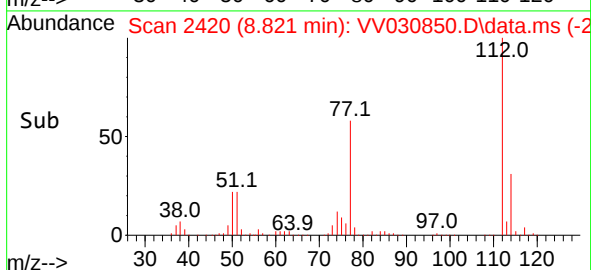
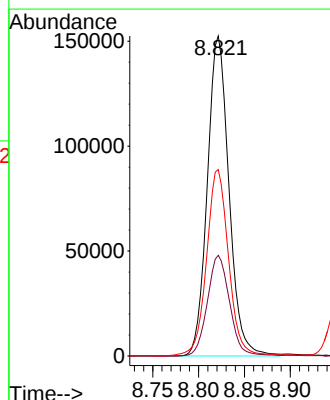
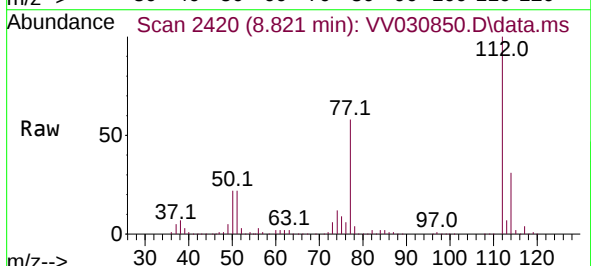
RT: 8.821 min Scan# 2420

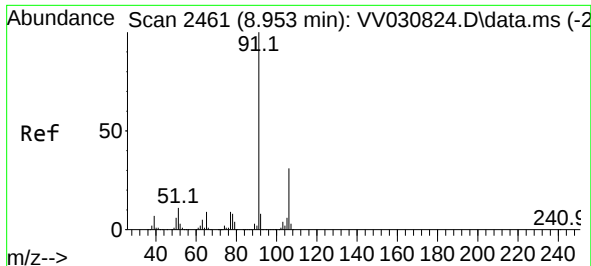
Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Tgt Ion:112	Resp:	250258
Ion	Ratio	Lower Upper
112	100	
114	31.4	22.4 41.6
77	58.2	47.4 71.0





#52

Ethylbenzene

Concen: 49.686 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

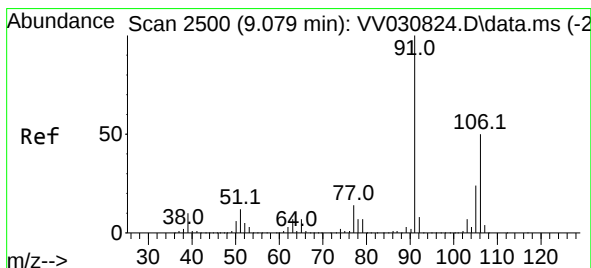
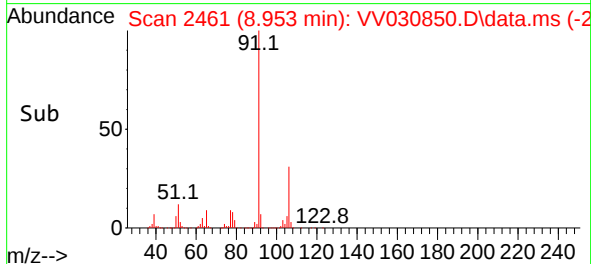
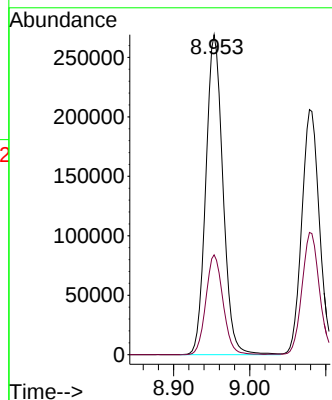
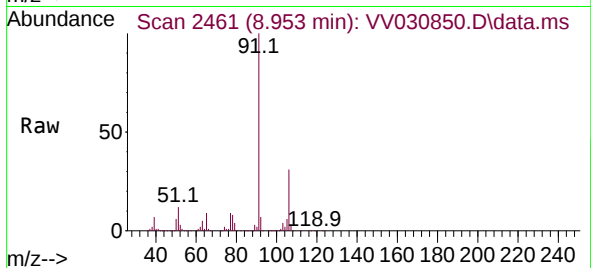
EW8Z5MSD

Tgt Ion: 91 Resp: 420130

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.4



#53

m,p-Xylene

Concen: 51.080 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.000 min

Lab File: VV030850.D

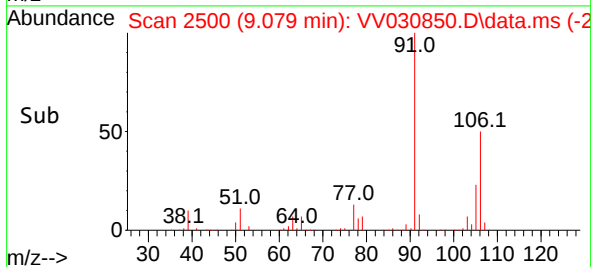
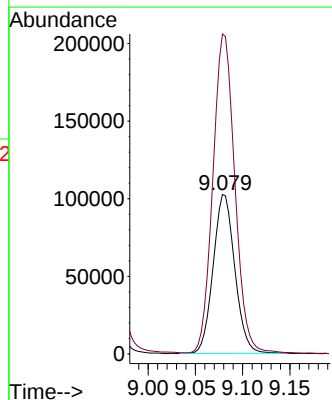
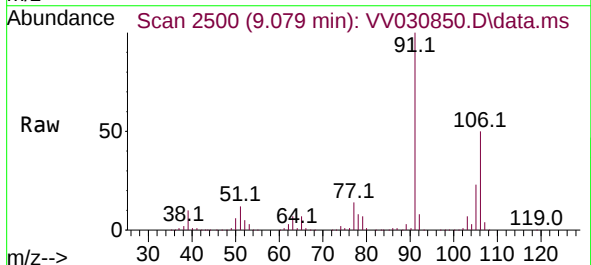
Acq: 25 Apr 2023 20:27

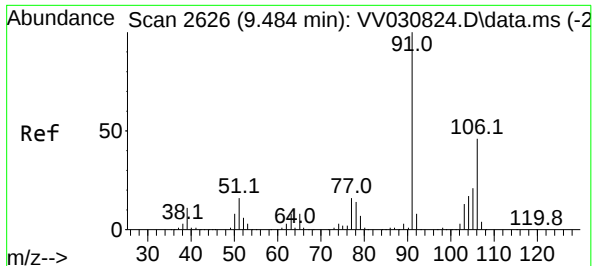
Tgt Ion: 106 Resp: 163147

Ion Ratio Lower Upper

106 100

91 200.7 144.7 268.7





#54

o-Xylene

Concen: 50.230 ug/L

RT: 9.487 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

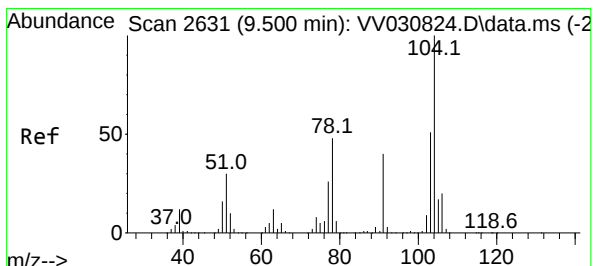
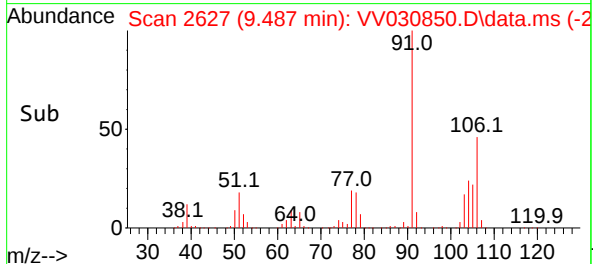
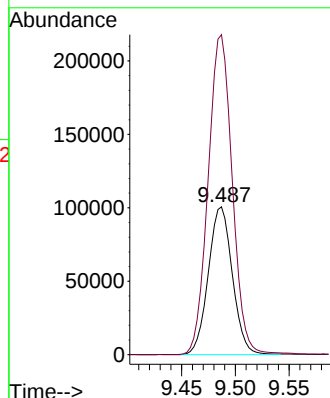
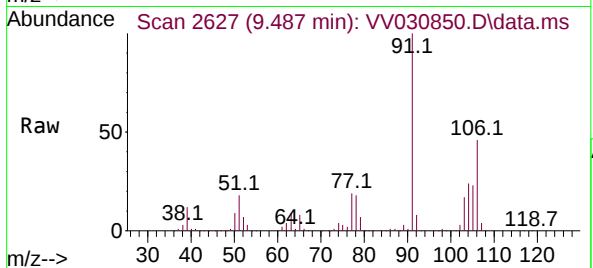
EW8Z5MSD

Tgt Ion:106 Resp: 156948

Ion Ratio Lower Upper

106 100

91 216.4 152.6 283.4



#55

Styrene

Concen: 52.371 ug/L

RT: 9.503 min Scan# 2632

Delta R.T. -0.000 min

Lab File: VV030850.D

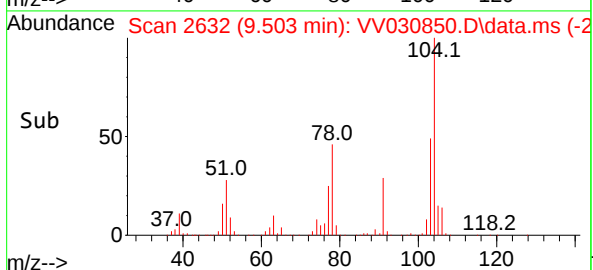
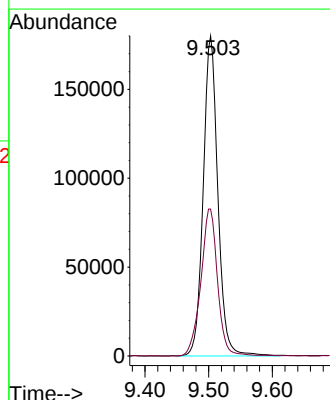
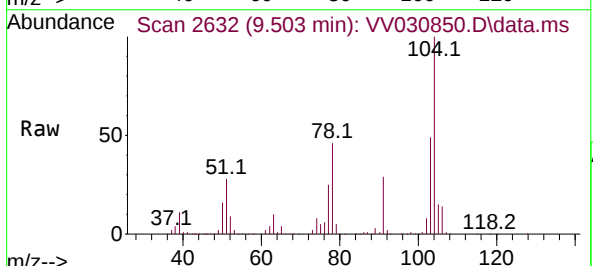
Acq: 25 Apr 2023 20:27

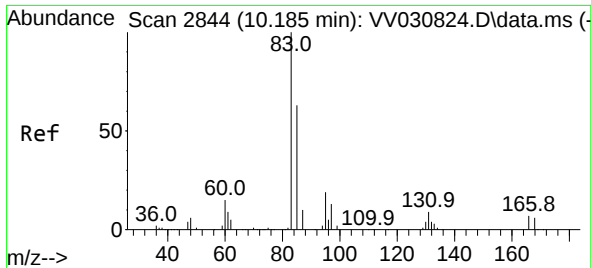
Tgt Ion:104 Resp: 287443

Ion Ratio Lower Upper

104 100

78 45.9 32.3 59.9

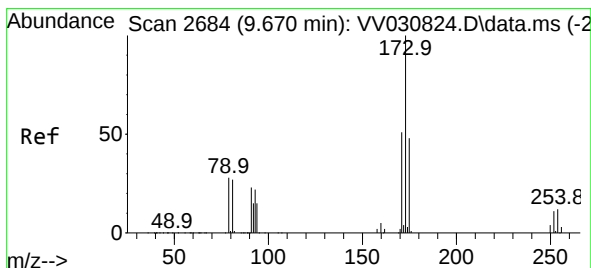
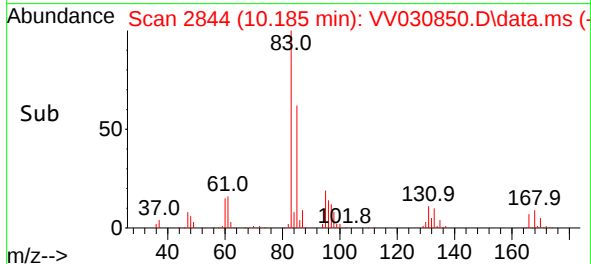
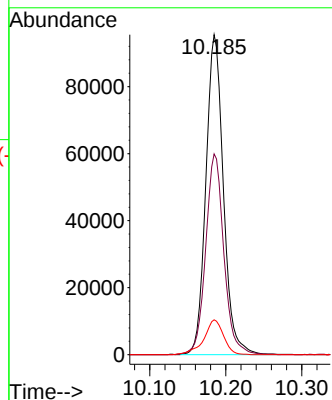
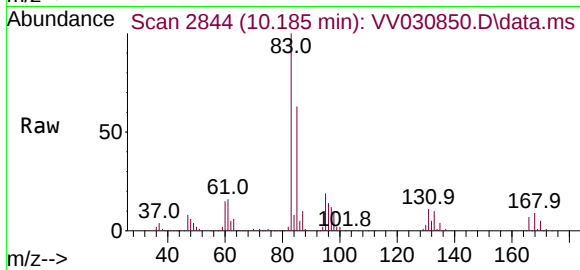




#57
1,1,2,2-Tetrachloroethane
Concen: 48.421 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

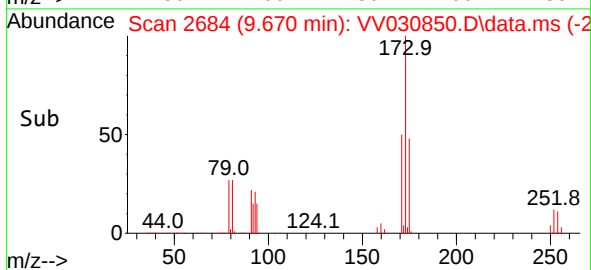
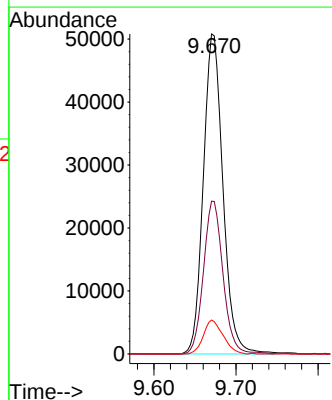
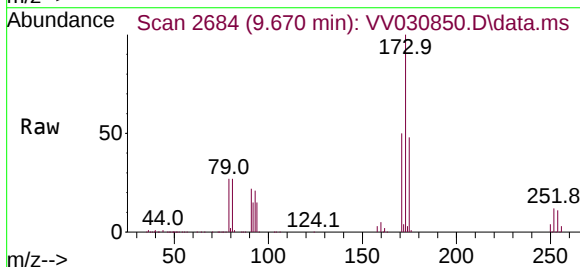
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

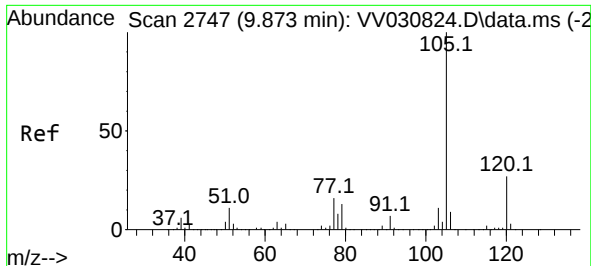
Tgt Ion: 83 Resp: 153004
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7
131 10.9 8.0 12.0



#59
Bromoform
Concen: 48.033 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion: 173 Resp: 84592
Ion Ratio Lower Upper
173 100
175 47.2 38.8 58.2
254 10.6 8.2 12.4

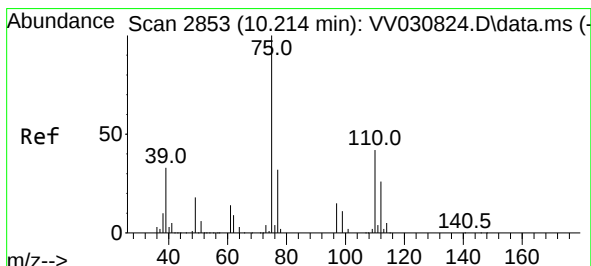
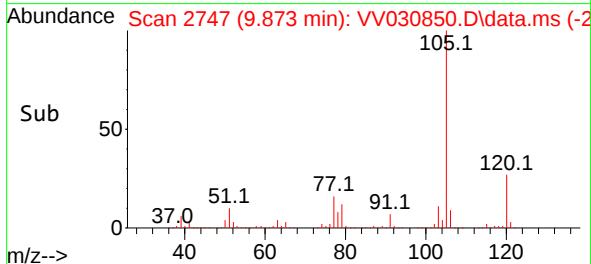
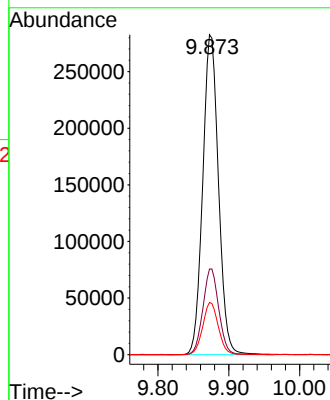
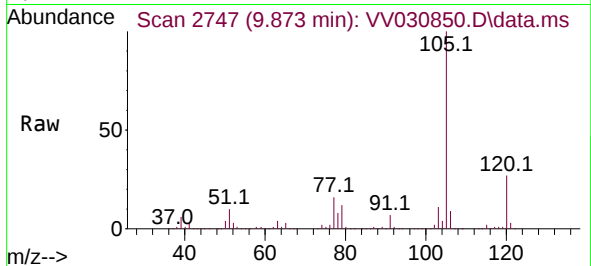




#60
Isopropylbenzene
Concen: 49.705 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

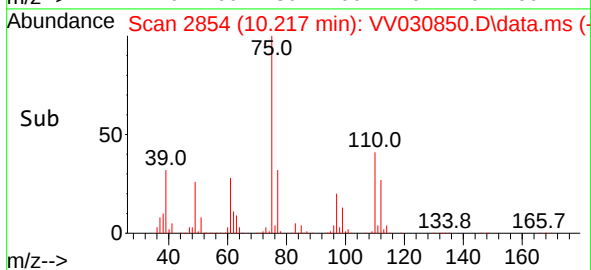
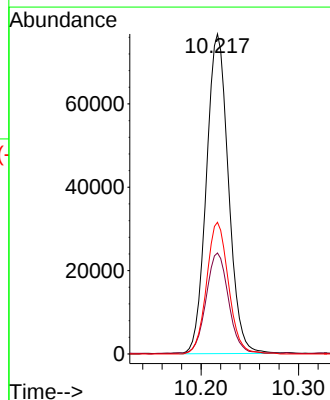
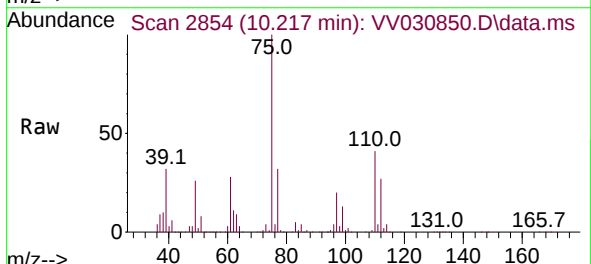
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

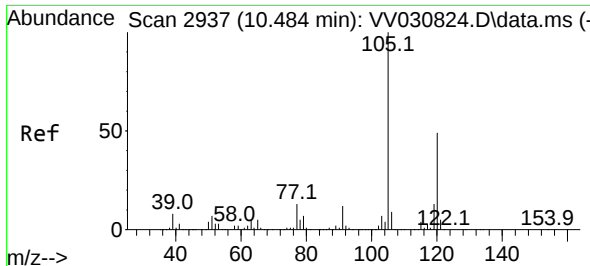
Tgt Ion:105 Resp: 436035
Ion Ratio Lower Upper
105 100
120 27.0 20.9 31.3
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 47.828 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion: 75 Resp: 120496
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 41.0 32.8 49.2

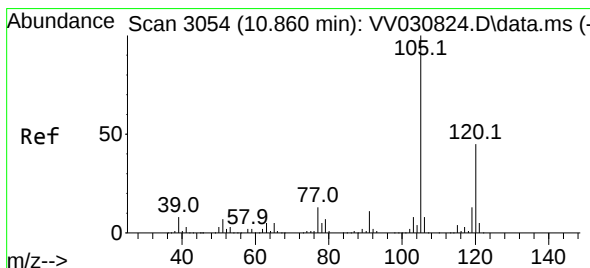
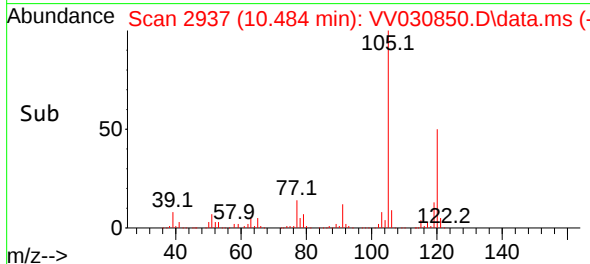
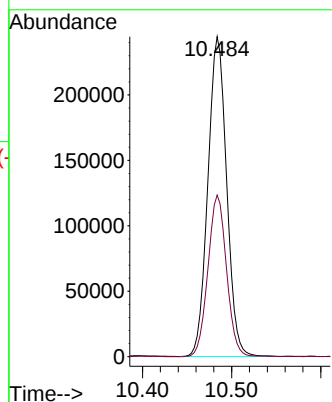
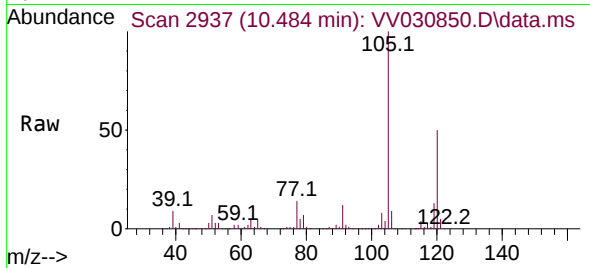




#62
 1,3,5-Trimethylbenzene
 Concen: 49.376 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

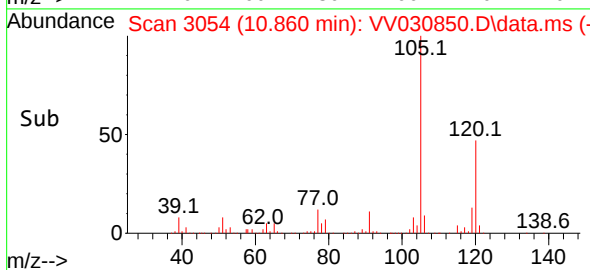
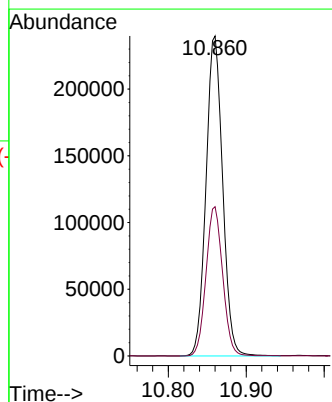
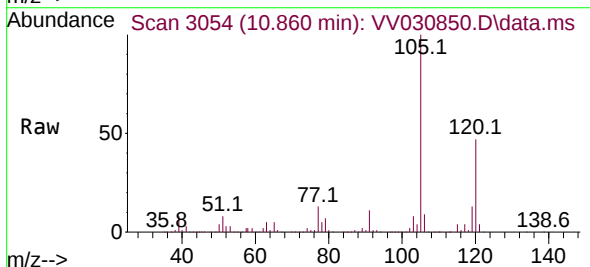
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD

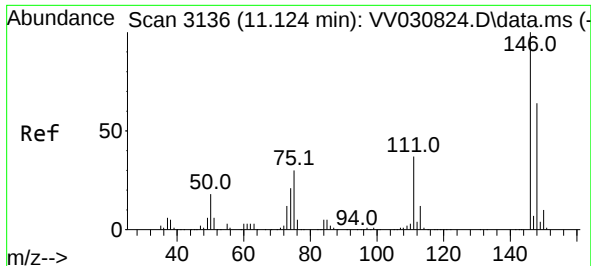
Tgt Ion:105 Resp: 356630
 Ion Ratio Lower Upper
 105 100
 120 50.2 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 49.239 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

Tgt Ion:105 Resp: 355092
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.2 54.4

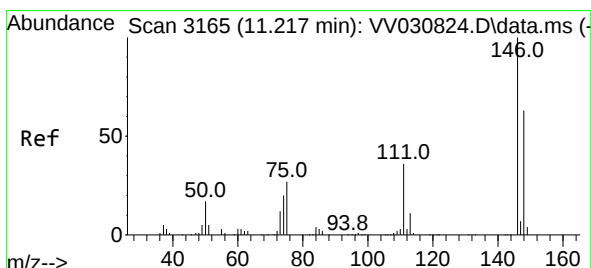
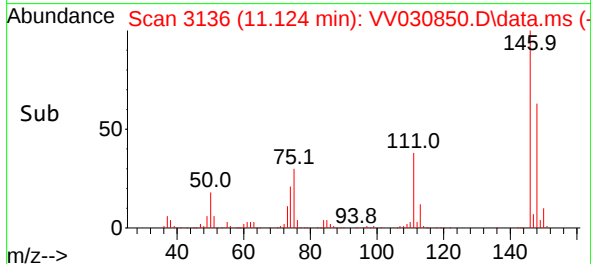
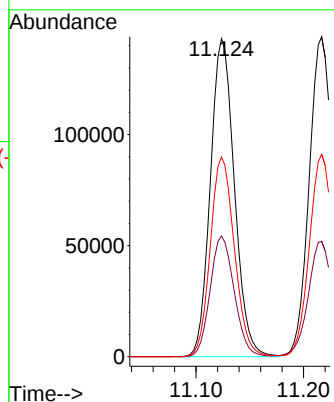
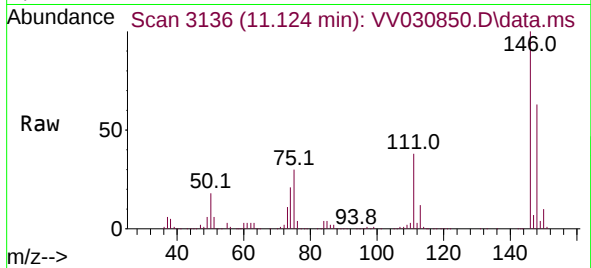




#64
1,3-Dichlorobenzene
Concen: 50.587 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

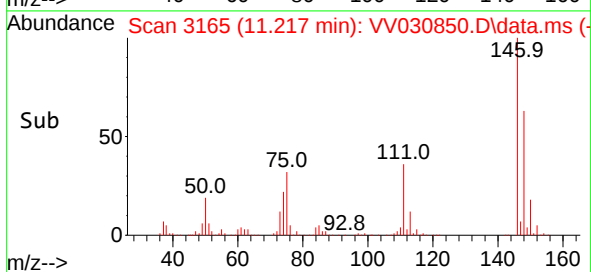
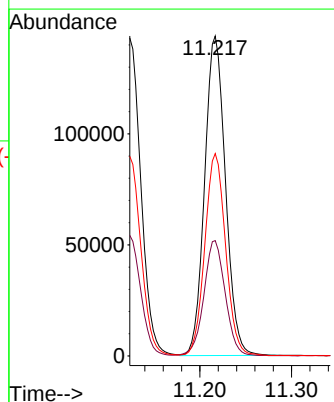
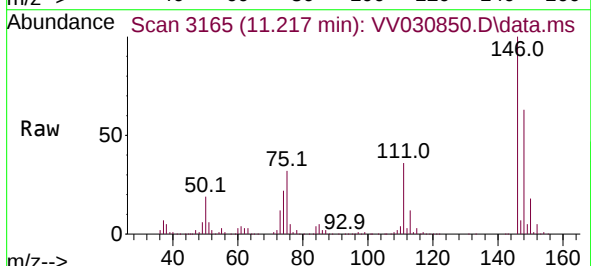
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

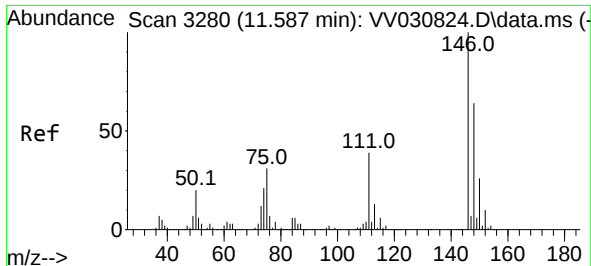
Tgt Ion:146 Resp: 222180
Ion Ratio Lower Upper
146 100
111 37.9 27.0 50.2
148 62.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 49.012 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion:146 Resp: 226993
Ion Ratio Lower Upper
146 100
111 36.0 26.5 49.1
148 63.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 50.175 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MSD

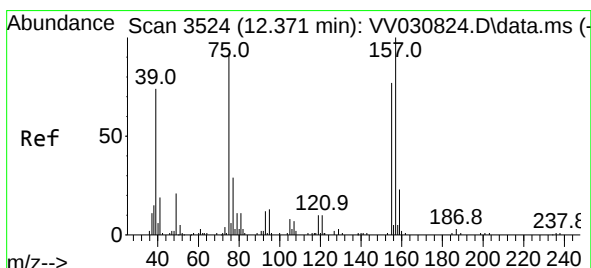
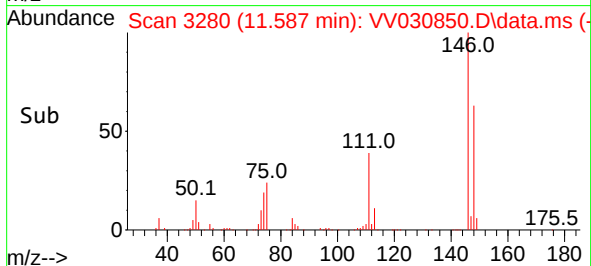
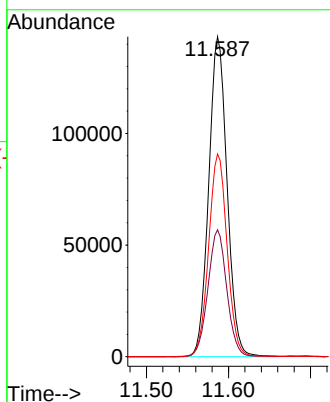
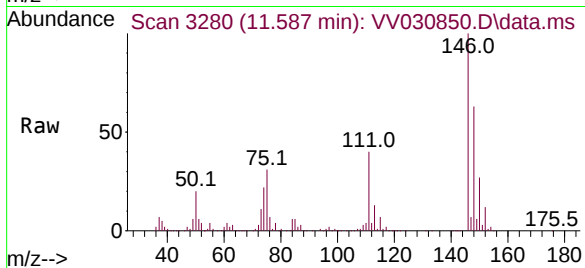
Tgt Ion:146 Resp: 222318

Ion Ratio Lower Upper

146 100

111 39.7 32.0 48.0

148 63.3 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 47.874 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV030850.D

Acq: 25 Apr 2023 20:27

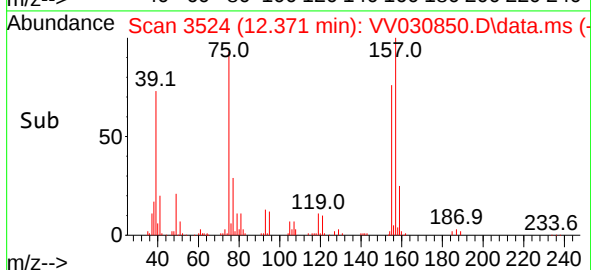
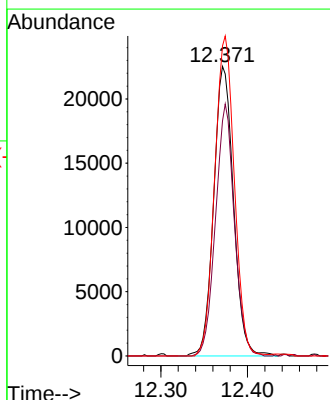
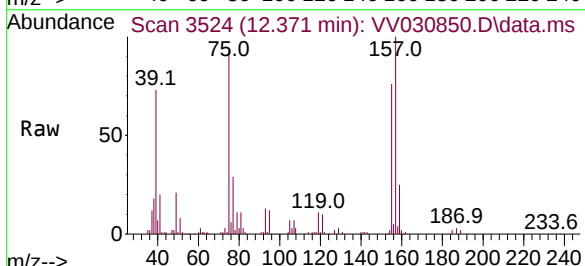
Tgt Ion: 75 Resp: 35734

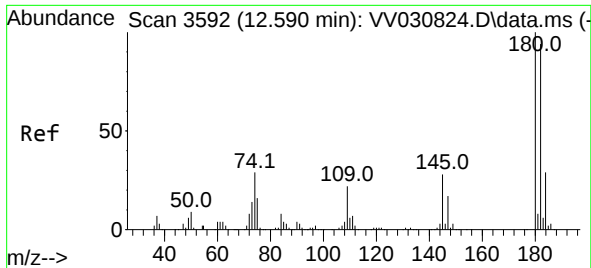
Ion Ratio Lower Upper

75 100

155 81.2 65.0 97.6

157 107.1 84.4 126.6

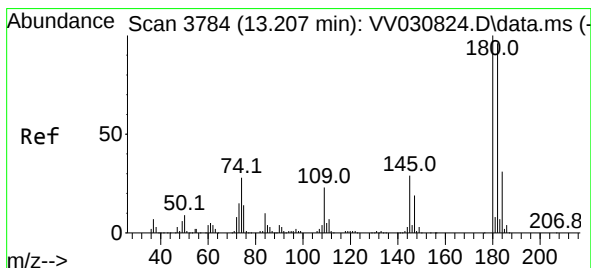
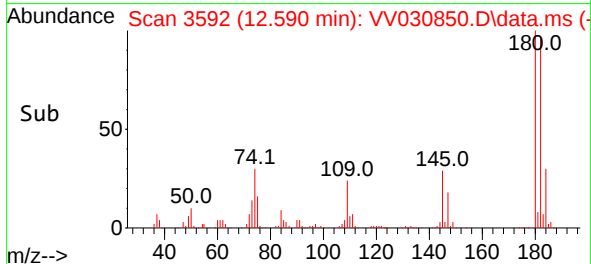
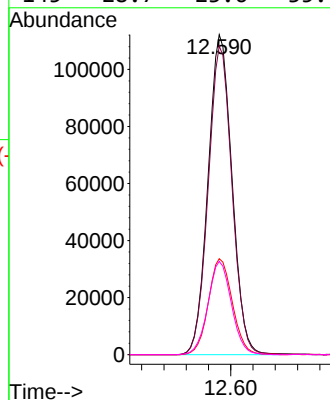
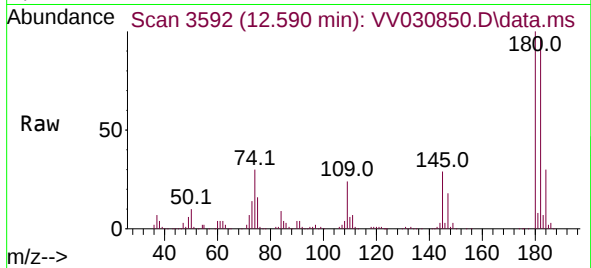




#69
 1,3,5-Trichlorobenzene
 Concen: 50.430 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

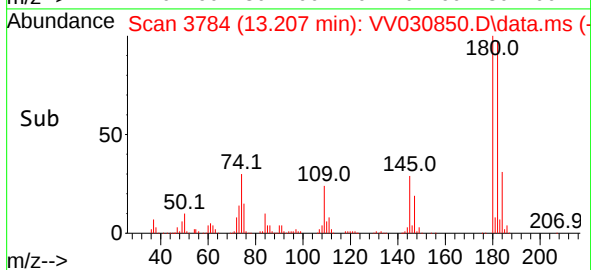
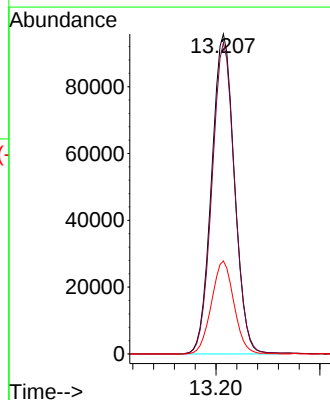
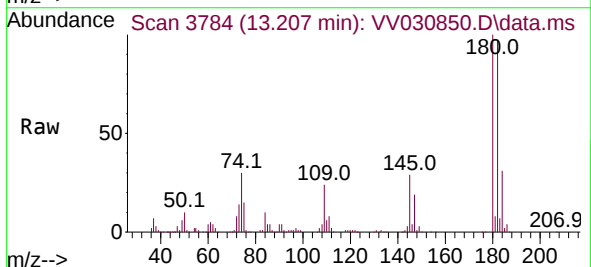
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MSD

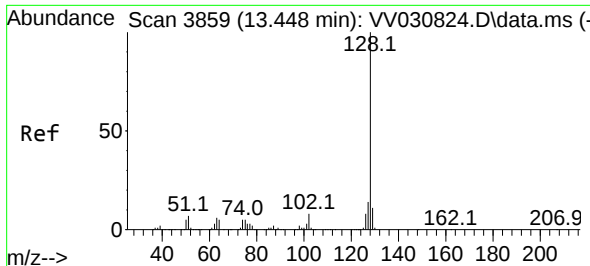
Tgt Ion:	180	Resp:	167316
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.4	114.6
184	30.1	24.1	36.1
145	28.7	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 51.878 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030850.D
 Acq: 25 Apr 2023 20:27

Tgt Ion:	180	Resp:	146139
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.9	113.9
145	28.6	23.4	35.2

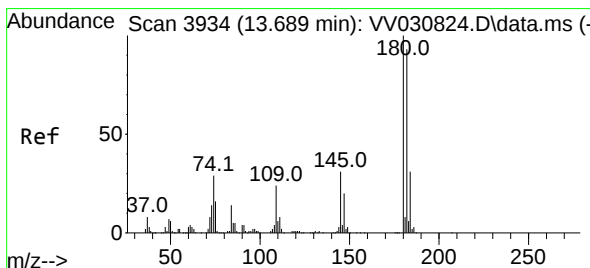
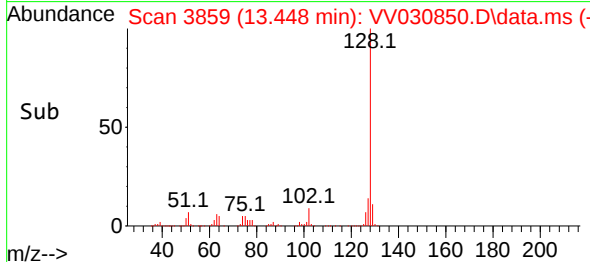
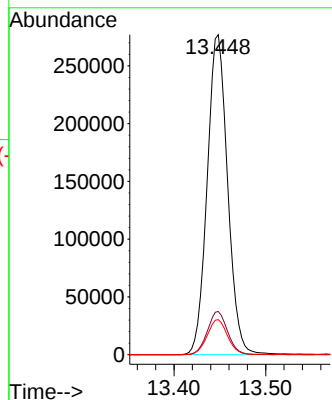
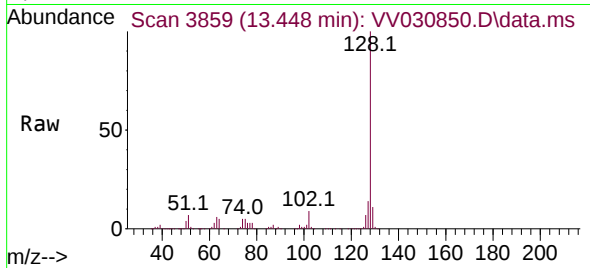




#71
Naphthalene
Concen: 55.741 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MSD

Tgt Ion:128 Resp: 429533
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.399 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030850.D
Acq: 25 Apr 2023 20:27

Tgt Ion:180 Resp: 151954
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.4
145 31.4 25.1 37.7

