

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030849.D
 Acq On : 25 Apr 2023 20:03
 Operator : SY/MD
 Sample : 02418-10MEMS
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

Quant Time: Apr 26 01:32:52 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	231792	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	139461	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70086	41.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.500%		
7) Chloroethane-d5	1.536	69	57959	40.703	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.400%		
11) 1,1-Dichloroethene-d2	2.063	65	35182	43.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.320%		
21) 2-Butanone-d5	3.793	46	97251	104.200	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.200%		
24) Chloroform-d	4.259	84	153236	49.762	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.520%		
26) 1,2-Dichloroethane-d4	4.950	65	104369	52.717	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.440%		
32) Benzene-d6	4.969	84	270915	50.108	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.220%		
36) 1,2-Dichloropropane-d6	5.998	67	80597	47.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.980%		
41) Toluene-d8	7.249	98	268100	52.814	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.620%		
43) trans-1,3-Dichloroprop...	7.558	79	42762	50.518	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.040%		
47) 2-Hexanone-d5	8.030	63	64246	97.108	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.110%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125614	51.546	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.100%		
66) 1,2-Dichlorobenzene-d4	11.567	152	116211	52.426	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	86874	43.592	ug/L	99
3) Chloromethane	1.217	50	101994	39.015	ug/L	97
5) Vinyl chloride	1.288	62	92320	43.803	ug/L	97
6) Bromomethane	1.487	94	41746	49.951	ug/L	95
8) Chloroethane	1.552	64	58091	40.185	ug/L	99
9) Trichlorofluoromethane	1.716	101	167232	48.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	84251	46.931	ug/L	99
12) 1,1-Dichloroethene	2.076	96	76195	46.946	ug/L	94
13) Acetone	2.117	43	108878	75.390	ug/L	99
14) Carbon disulfide	2.246	76	185902	40.552	ug/L	98
15) Methyl Acetate	2.378	43	93237	48.377	ug/L	99
16) Methylene chloride	2.455	84	85748	46.167	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	73455	44.831	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	264865	50.468	ug/L	97
19) 1,1-Dichloroethane	3.121	63	151246	45.275	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	85029	47.706	ug/L	100
22) 2-Butanone	3.873	43	127731	85.584	ug/L	100
23) Bromochloromethane	4.156	128	48539	48.760	ug/L	95
25) Chloroform	4.288	83	168253	48.661	ug/L	100

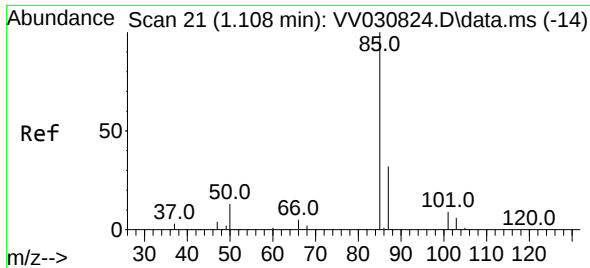
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	148698	50.804	ug/L	99
29) Cyclohexane	4.593	56	123415	44.972	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	156865	48.818	ug/L	100
31) Carbon tetrachloride	4.744	117	138540	48.223	ug/L	98
33) Benzene	5.018	78	336062	48.395	ug/L	100
34) Trichloroethene	5.841	95	85505	47.338	ug/L	98
35) Methylcyclohexane	6.059	83	131827	46.578	ug/L	98
37) 1,2-Dichloropropane	6.101	63	87597	46.867	ug/L	99
38) Bromodichloromethane	6.439	83	125012	47.613	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	133038	47.425	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	258378	98.961	ug/L	99
42) Toluene	7.323	91	369749	49.711	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	136593	49.561	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	90269	48.164	ug/L	100
46) Tetrachloroethene	7.911	164	76707	48.517	ug/L	99
48) 2-Hexanone	8.082	43	209439	97.219	ug/L	98
49) Dibromochloromethane	8.185	129	97466	47.147	ug/L	99
50) 1,2-Dibromoethane	8.288	107	92377	47.569	ug/L	99
51) Chlorobenzene	8.821	112	240826	48.888	ug/L	99
52) Ethylbenzene	8.953	91	407095	49.439	ug/L	99
53) m,p-Xylene	9.079	106	159858	51.397	ug/L	100
54) o-Xylene	9.484	106	154477	50.769	ug/L	96
55) Styrene	9.503	104	281029	52.579	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	145693	47.347	ug/L	99
59) Bromoform	9.670	173	78917	45.197	ug/L	99
60) Isopropylbenzene	9.873	105	421391	48.449	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	114948	46.019	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	343451	47.961	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	342461	47.897	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	215905	49.582	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	223268	48.623	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	218225	49.676	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	34079	46.051	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	161947	49.233	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	142913	51.170	ug/L	100
71) Naphthalene	13.448	128	380279	49.775	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	144755	52.269	ug/L	99

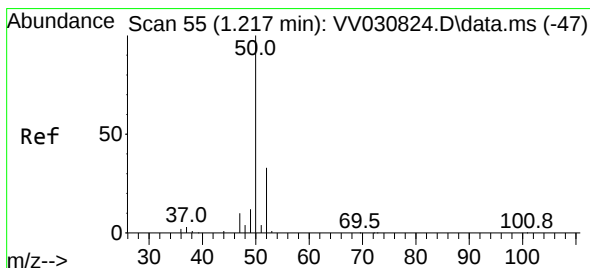
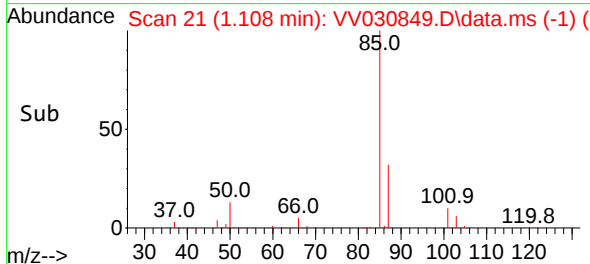
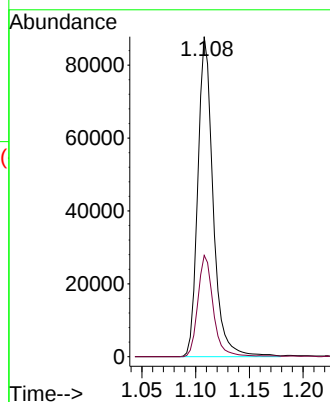
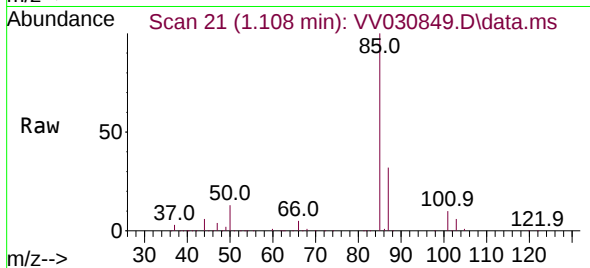
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#2
 Dichlorodifluoromethane
 Concen: 43.592 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

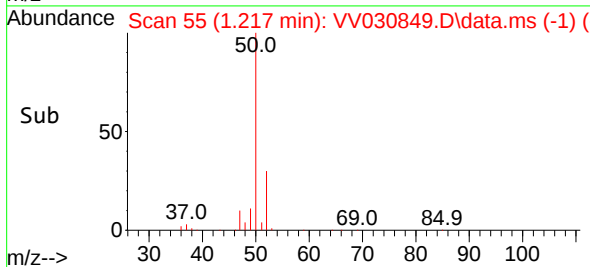
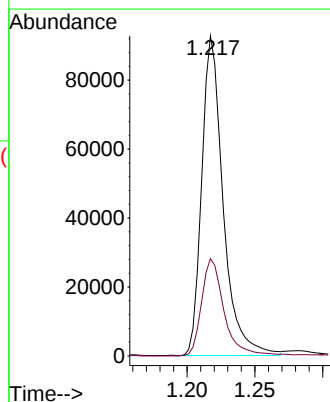
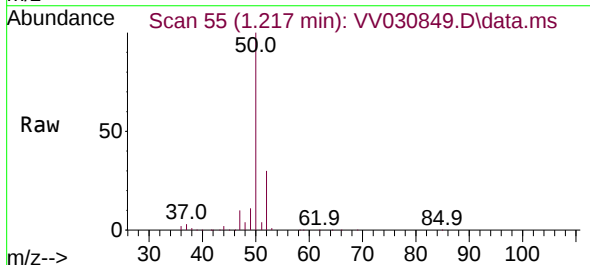
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

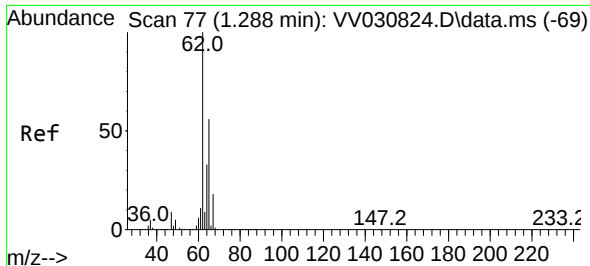
Tgt Ion: 85 Resp: 86874
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.6 38.4



#3
 Chloromethane
 Concen: 39.015 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

Tgt Ion: 50 Resp: 101994
 Ion Ratio Lower Upper
 50 100
 52 30.4 22.5 41.9





#5
 Vinyl chloride
 Concen: 43.803 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

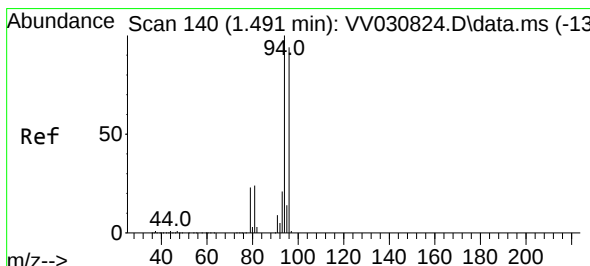
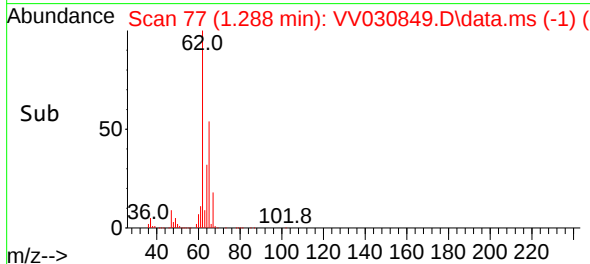
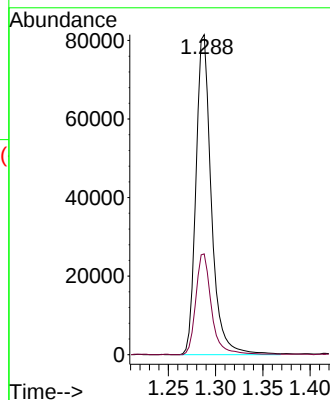
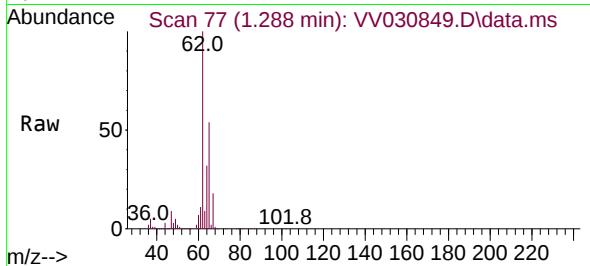
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ClientSampleId :

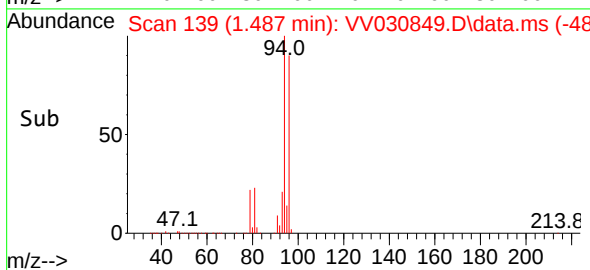
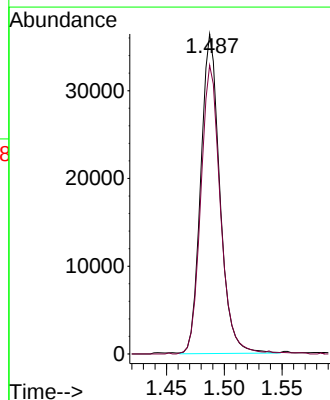
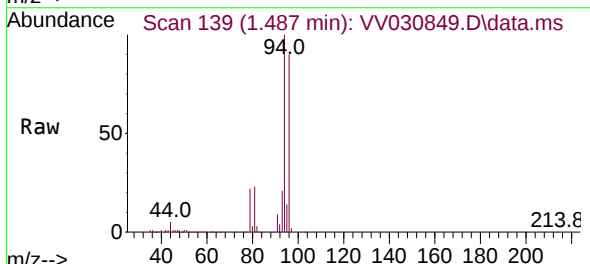
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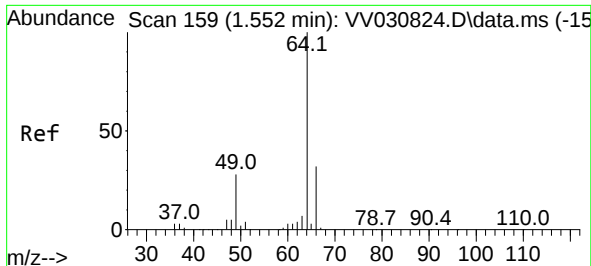
Tgt Ion: 62 Resp: 92320
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.4 43.4



#6
 Bromomethane
 Concen: 49.951 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.007 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

Tgt Ion: 94 Resp: 41746
 Ion Ratio Lower Upper
 94 100
 96 90.3 66.3 123.1

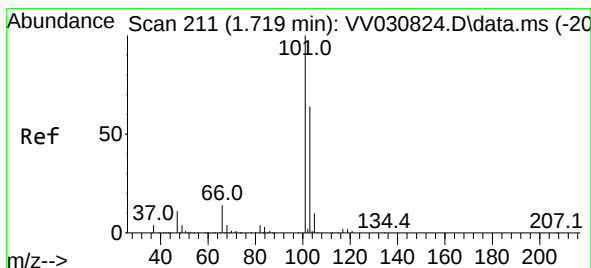
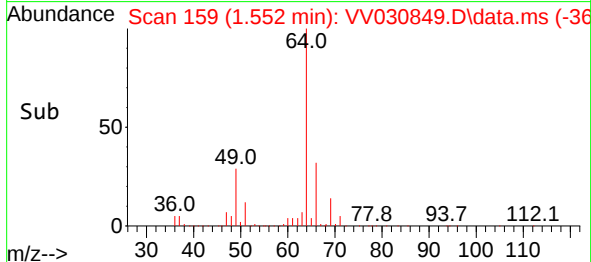
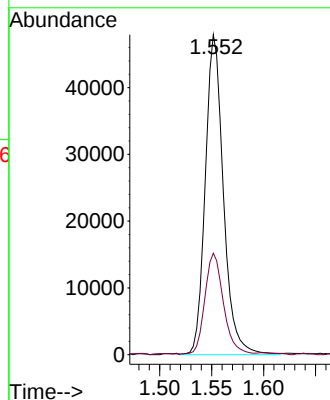
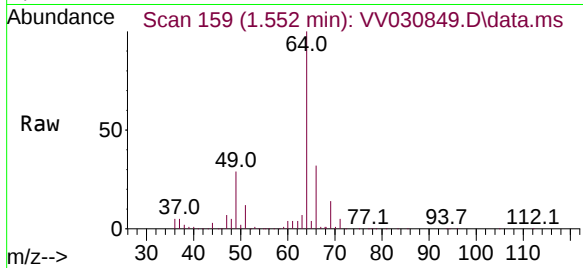




#8
Chloroethane
Concen: 40.185 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

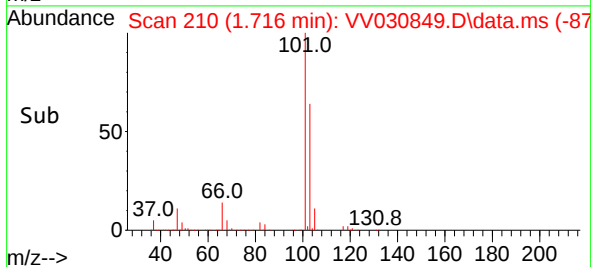
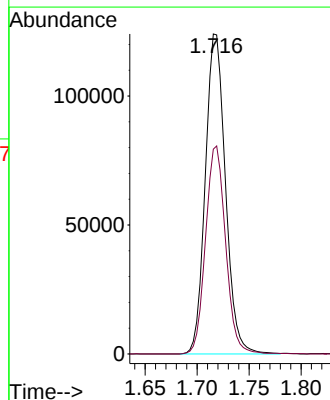
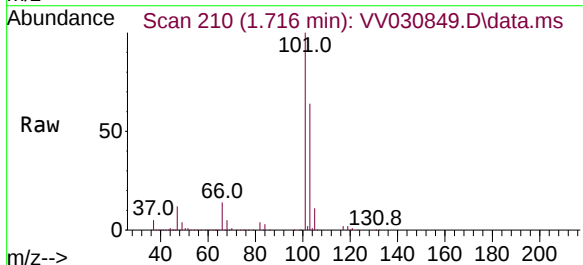
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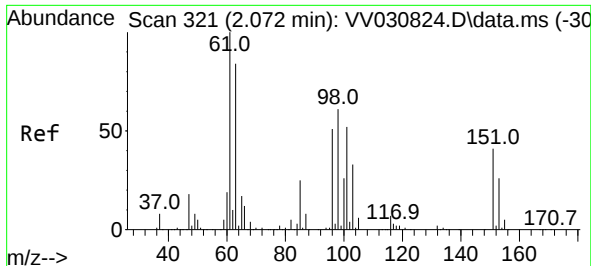
Tgt Ion: 64 Resp: 58091
Ion Ratio Lower Upper
64 100
66 31.7 22.7 42.3



#9
Trichlorofluoromethane
Concen: 48.957 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion:101 Resp: 167232
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

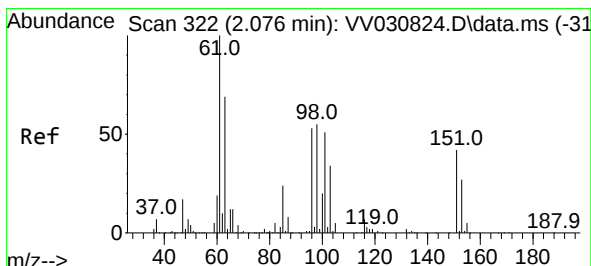
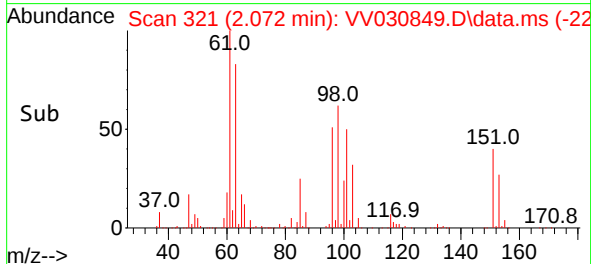
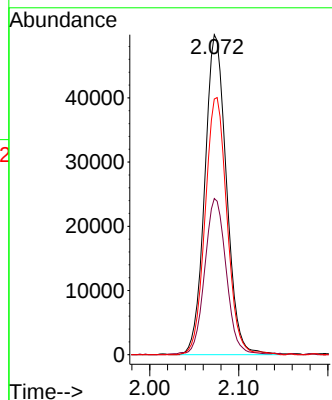
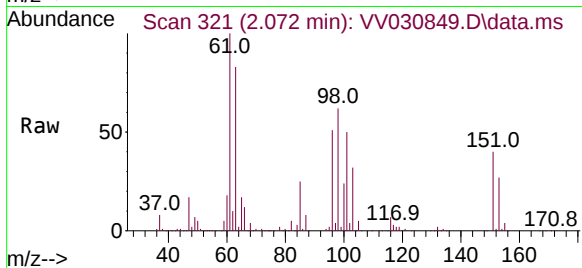




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.931 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

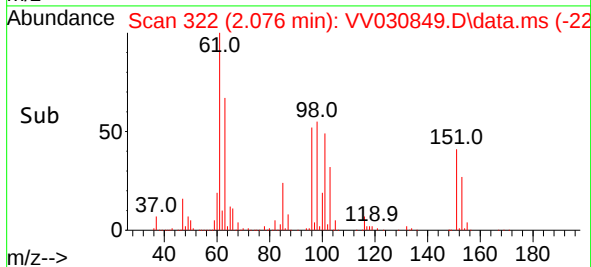
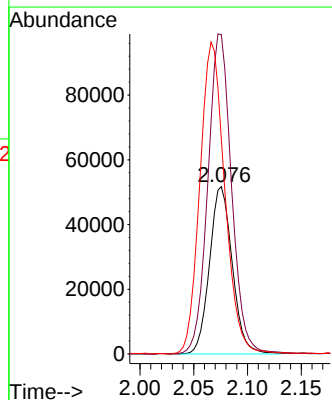
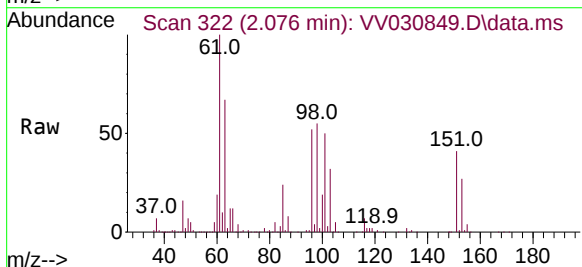
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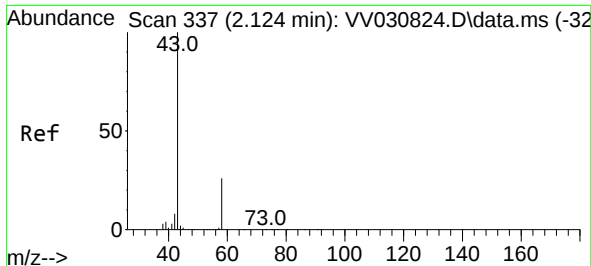
Tgt Ion:101 Resp: 84251
 Ion Ratio Lower Upper
 101 100
 85 47.5 37.5 56.3
 151 80.5 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 46.946 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

Tgt Ion: 96 Resp: 76195
 Ion Ratio Lower Upper
 96 100
 61 190.9 131.9 245.0
 63 128.5 99.8 185.3





#13

Acetone

Concen: 75.390 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

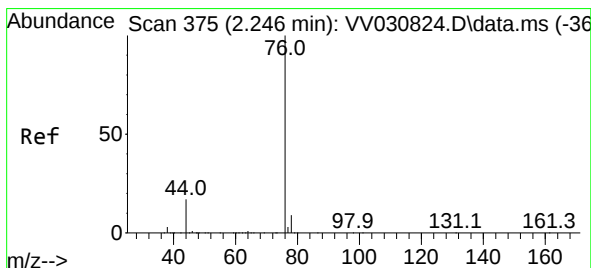
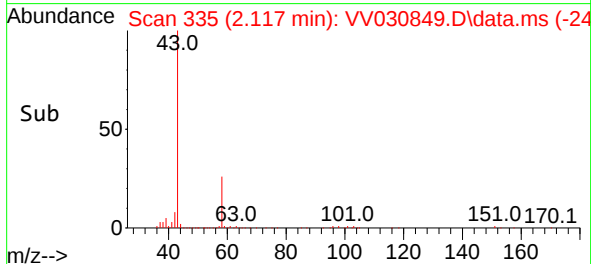
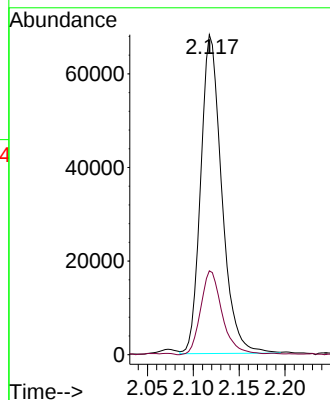
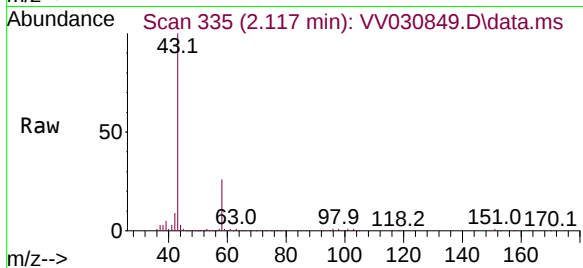
EW8Z5MS

Tgt Ion: 43 Resp: 108878

Ion Ratio Lower Upper

43 100

58 26.9 0.0 52.8



#14

Carbon disulfide

Concen: 40.552 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030849.D

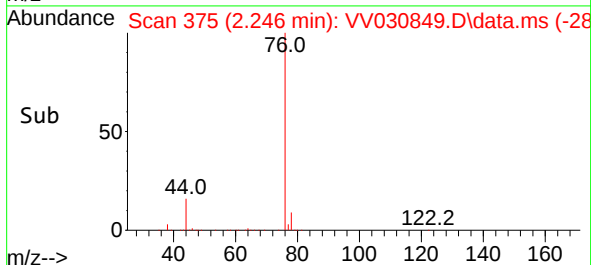
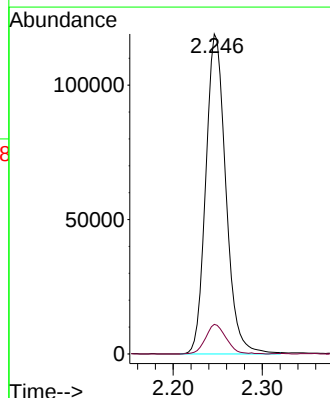
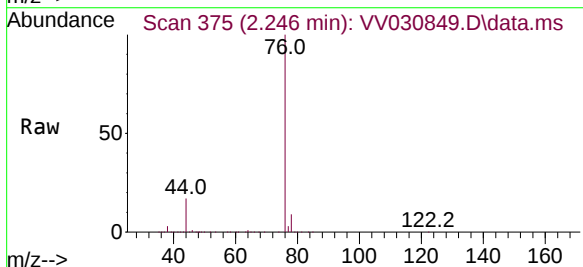
Acq: 25 Apr 2023 20:03

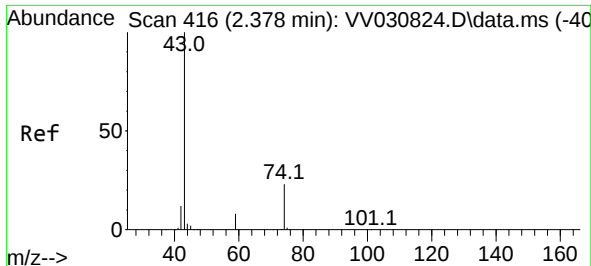
Tgt Ion: 76 Resp: 185902

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

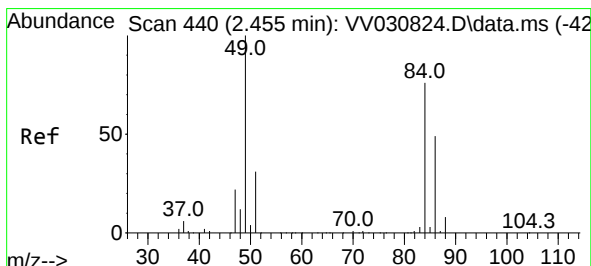
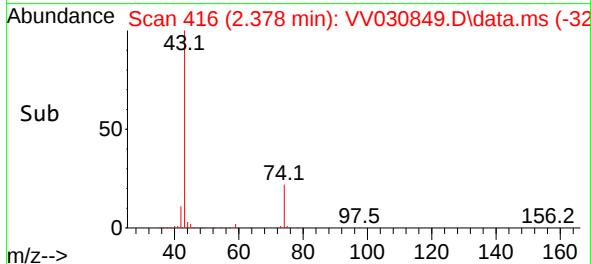
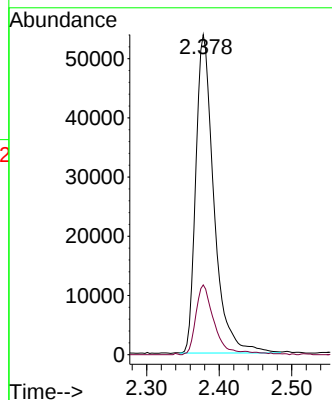
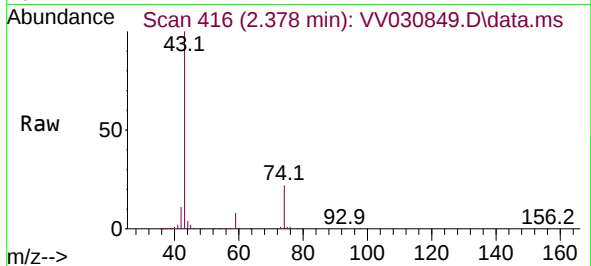




#15
Methyl Acetate
Concen: 48.377 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

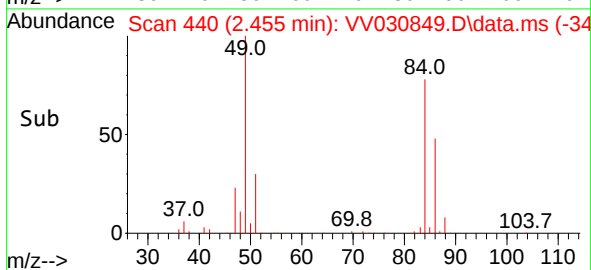
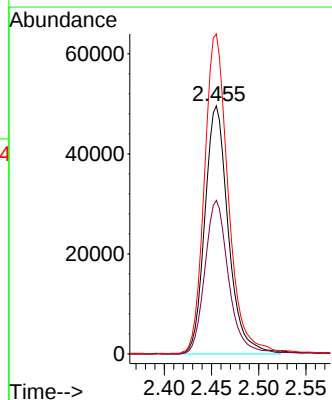
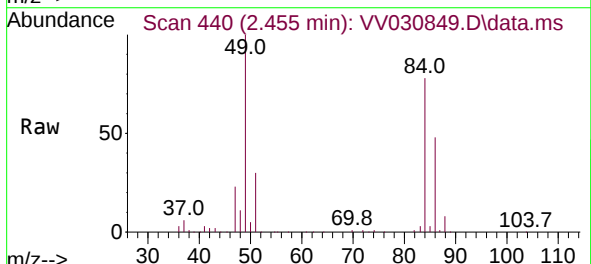
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

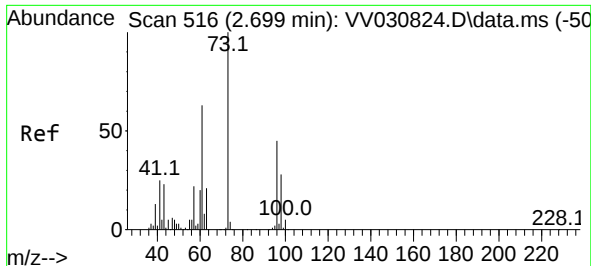
Tgt Ion: 43 Resp: 93237
Ion Ratio Lower Upper
43 100
74 21.5 17.7 26.5



#16
Methylene chloride
Concen: 46.167 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion: 84 Resp: 85748
Ion Ratio Lower Upper
84 100
86 61.9 45.4 84.2
49 128.9 90.4 168.0

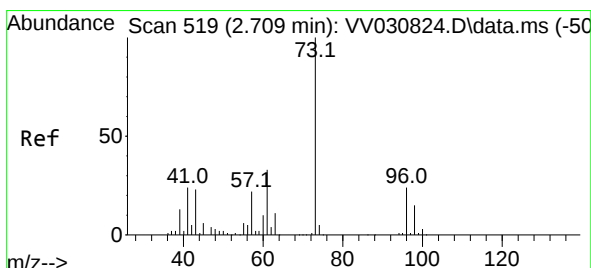
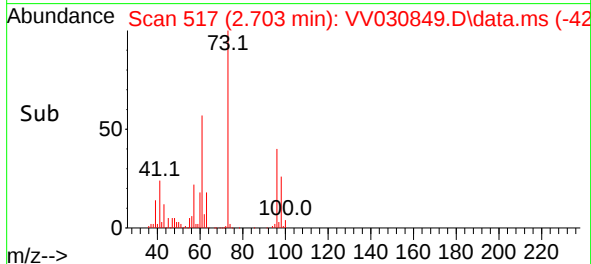
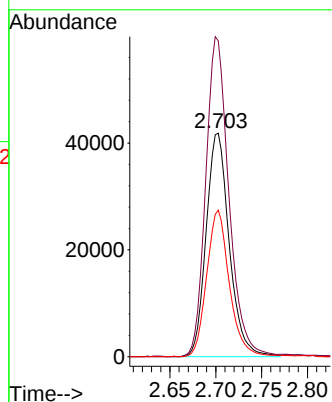
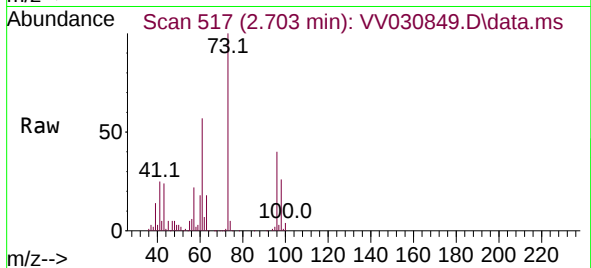




#17
trans-1,2-Dichloroethene
Concen: 44.831 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

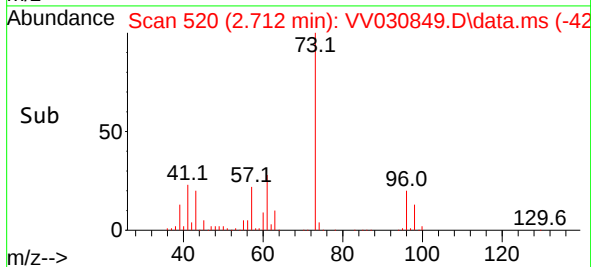
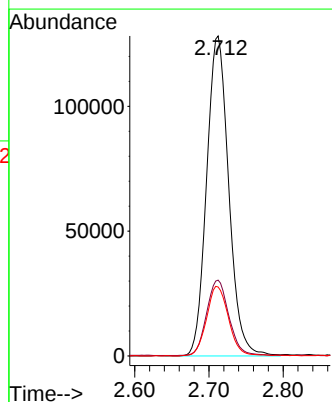
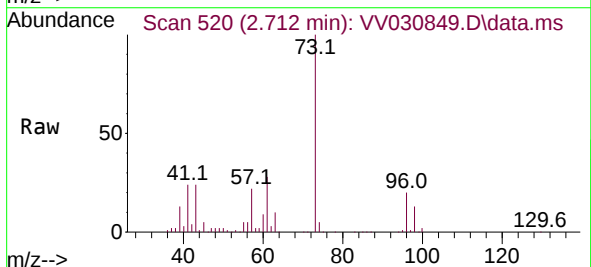
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

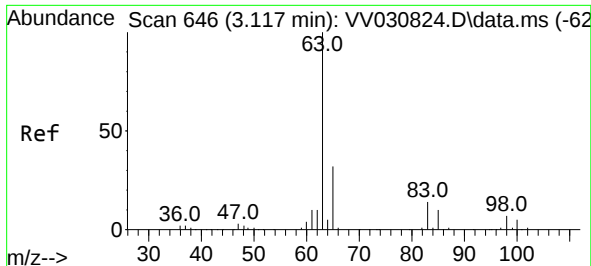
Tgt Ion: 96 Resp: 73455
Ion Ratio Lower Upper
96 100
61 141.4 101.0 187.6
98 65.6 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 50.468 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion: 73 Resp: 264865
Ion Ratio Lower Upper
73 100
43 23.8 17.6 26.4
57 21.7 18.2 27.2





#19

1,1-Dichloroethane

Concen: 45.275 ug/L

RT: 3.121 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

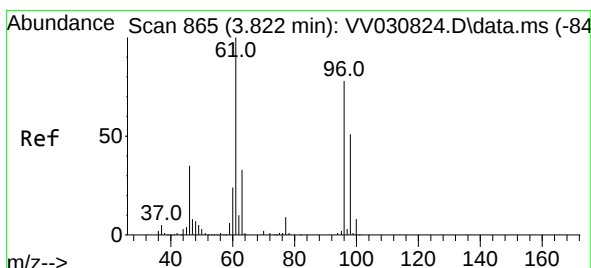
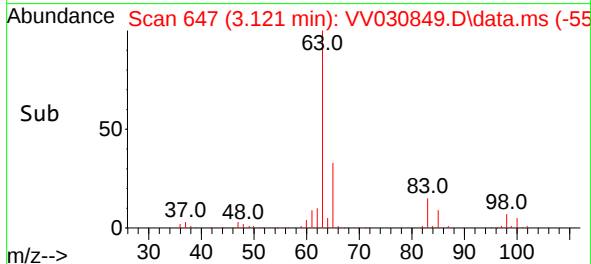
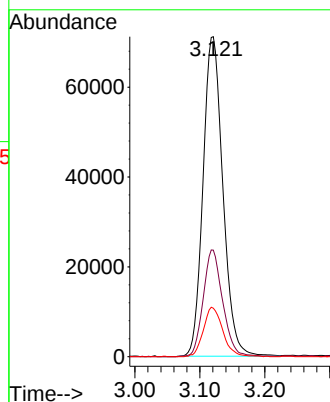
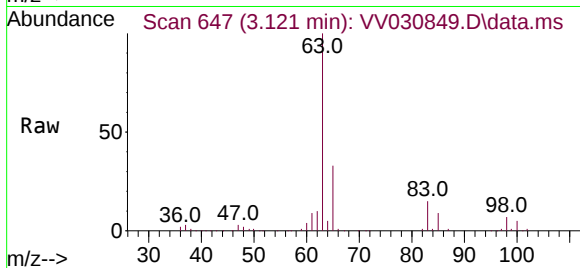
Tgt Ion: 63 Resp: 151246

Ion Ratio Lower Upper

63 100

65 33.3 21.8 40.6

83 15.2 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 47.706 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

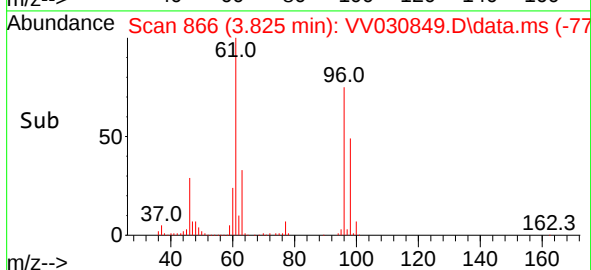
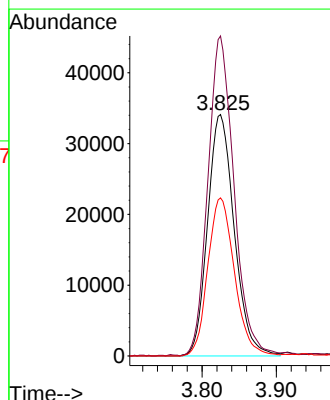
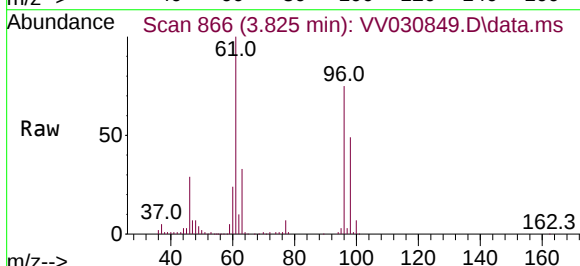
Tgt Ion: 96 Resp: 85029

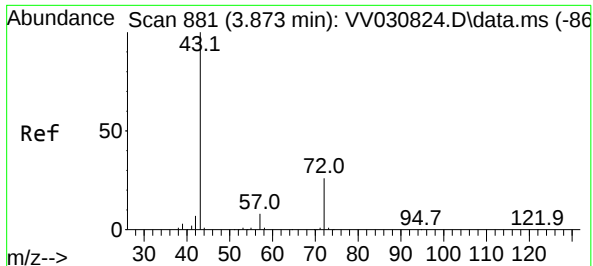
Ion Ratio Lower Upper

96 100

61 132.5 92.3 171.3

98 65.5 45.9 85.3

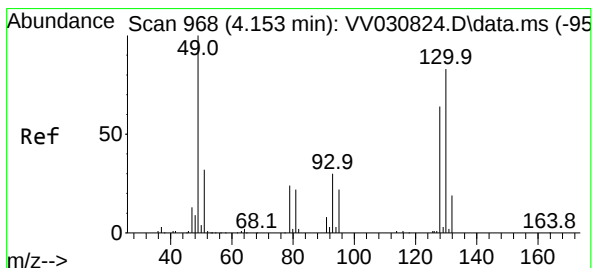
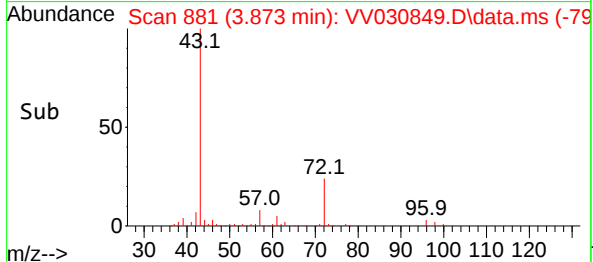
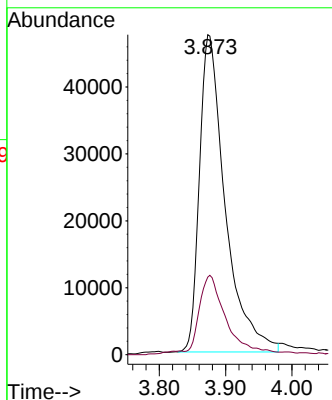
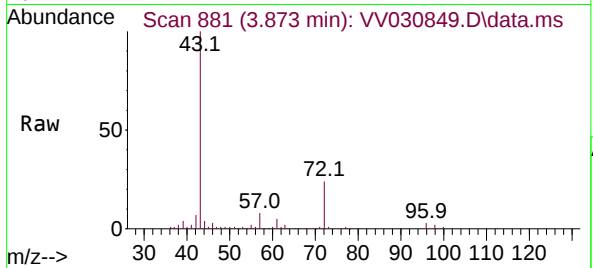




#22
2-Butanone
Concen: 85.584 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.010 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

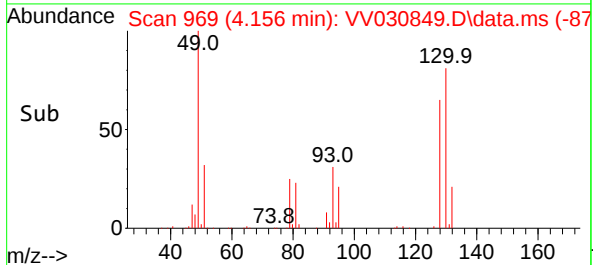
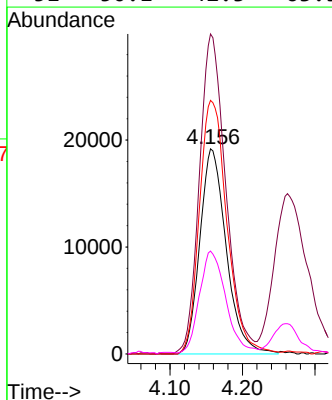
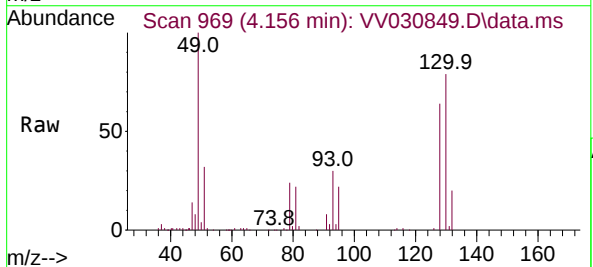
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

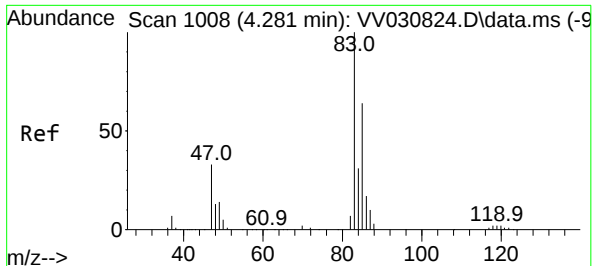
Tgt Ion: 43 Resp: 127731
Ion Ratio Lower Upper
43 100
72 22.7 11.5 34.4



#23
Bromochloromethane
Concen: 48.760 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion: 128 Resp: 48539
Ion Ratio Lower Upper
128 100
49 156.0 114.7 213.1
130 123.6 89.0 165.2
51 50.1 42.3 63.5





#25

Chloroform

Concen: 48.661 ug/L

RT: 4.288 min Scan# 10

Delta R.T. 0.003 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

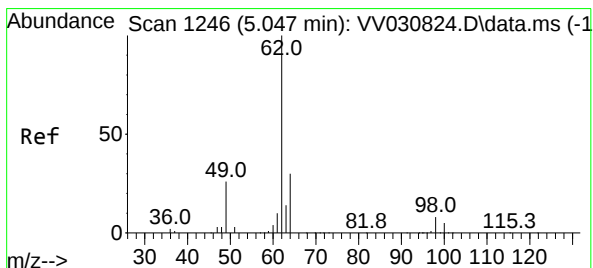
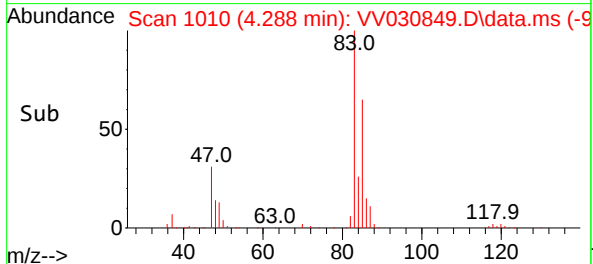
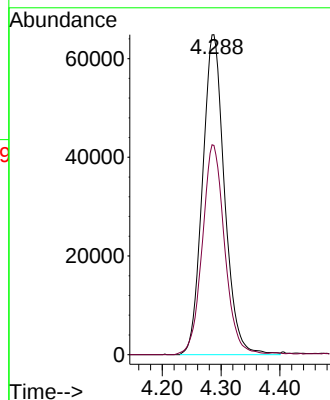
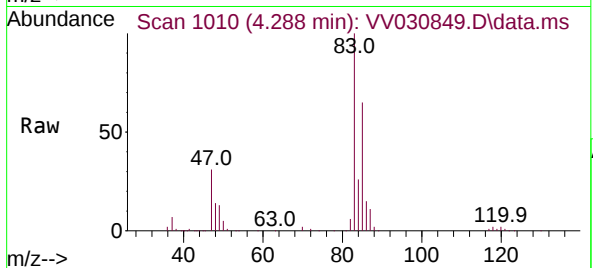
EW8Z5MS

Tgt Ion: 83 Resp: 168253

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 50.804 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VV030849.D

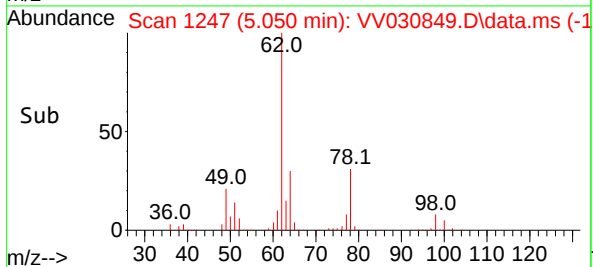
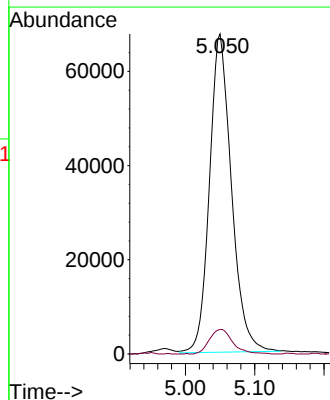
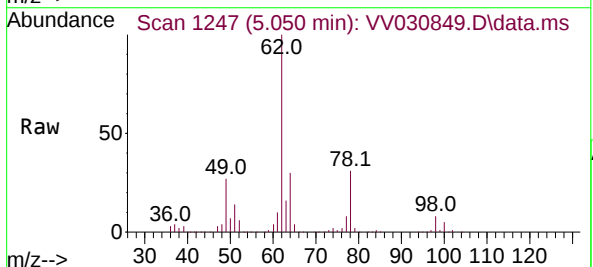
Acq: 25 Apr 2023 20:03

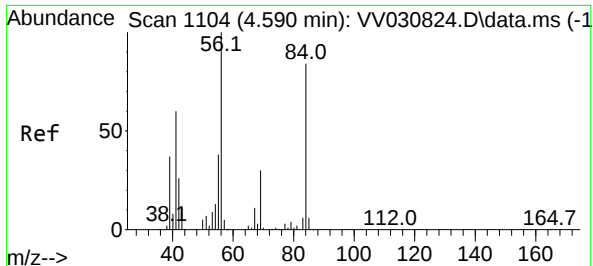
Tgt Ion: 62 Resp: 148698

Ion Ratio Lower Upper

62 100

98 7.7 6.4 9.6





#29

Cyclohexane

Concen: 44.972 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

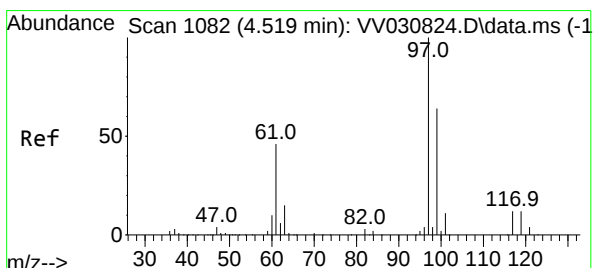
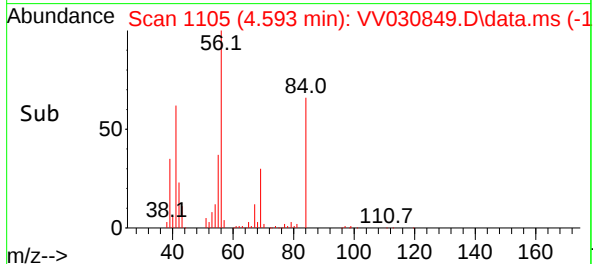
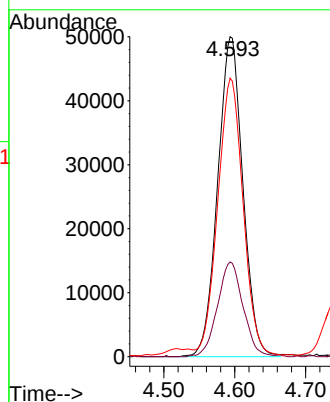
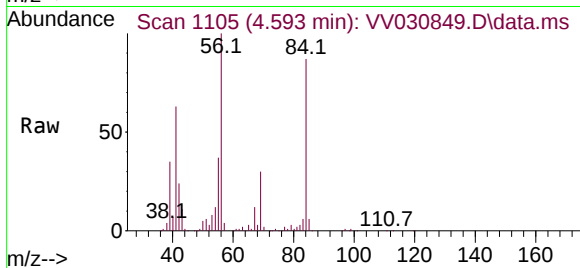
Tgt Ion: 56 Resp: 123415

Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 86.6 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 48.818 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

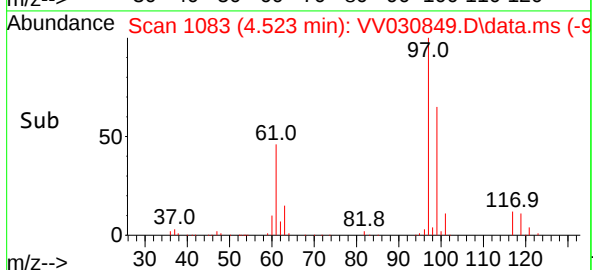
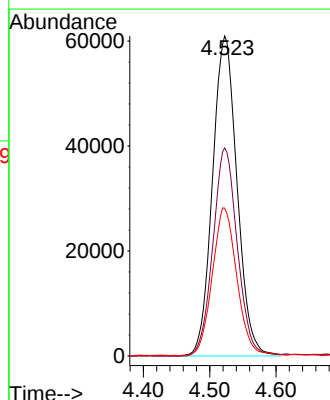
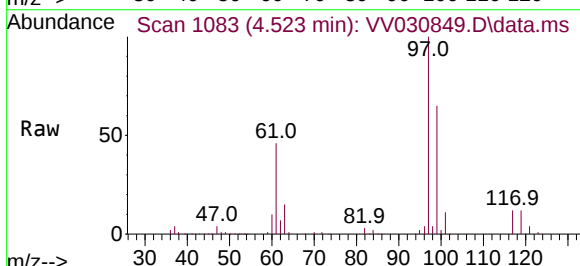
Tgt Ion: 97 Resp: 156865

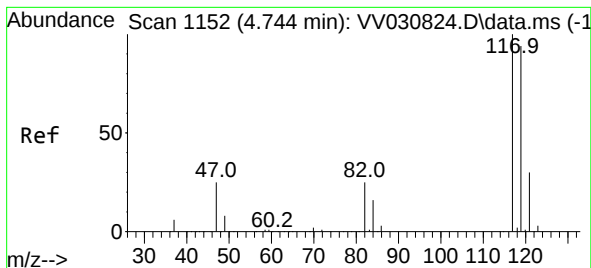
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 46.4 37.0 55.6





#31

Carbon tetrachloride

Concen: 48.223 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

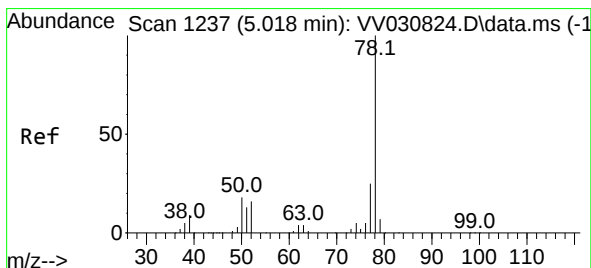
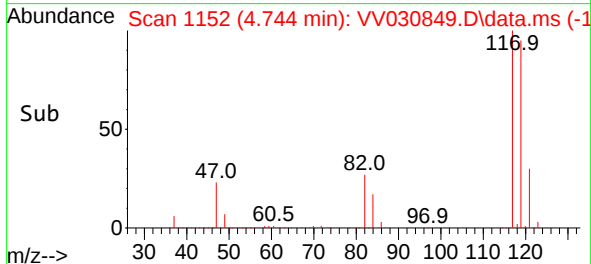
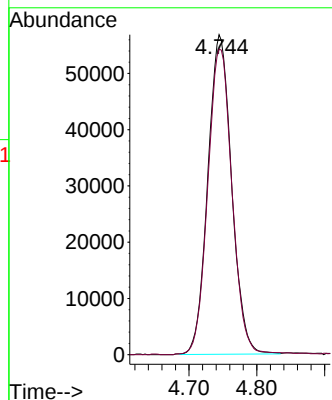
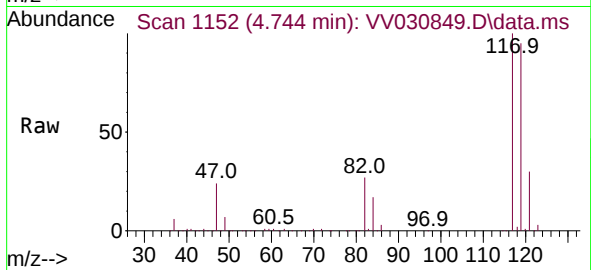
EW8Z5MS

Tgt Ion:117 Resp: 138540

Ion Ratio Lower Upper

117 100

119 96.9 75.9 113.9



#33

Benzene

Concen: 48.395 ug/L

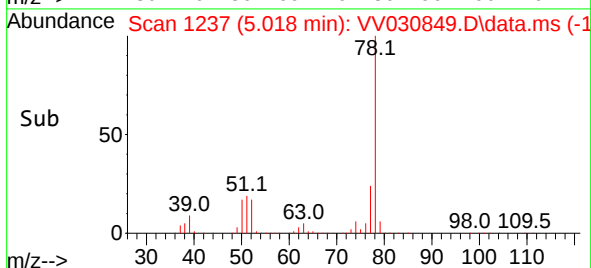
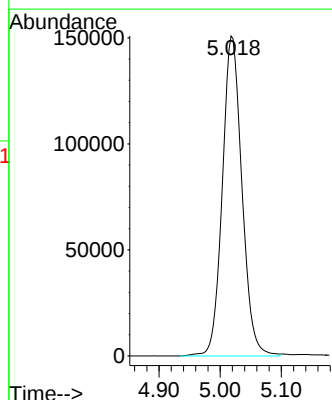
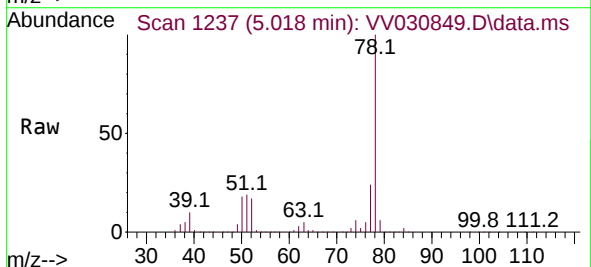
RT: 5.018 min Scan# 1237

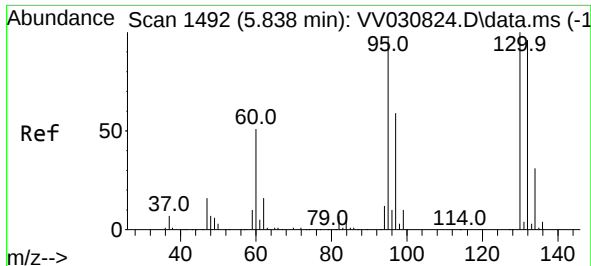
Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Tgt Ion: 78 Resp: 336062



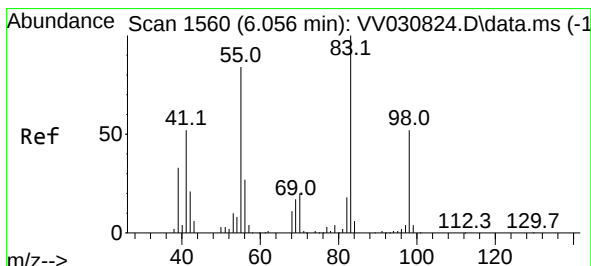
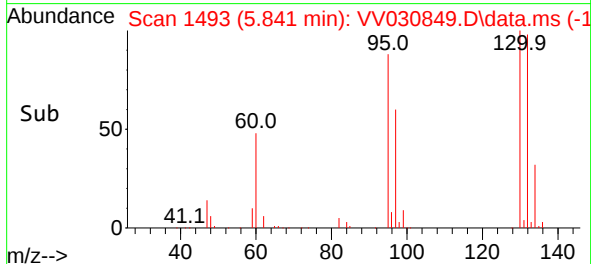
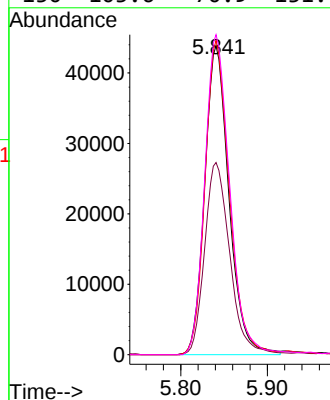
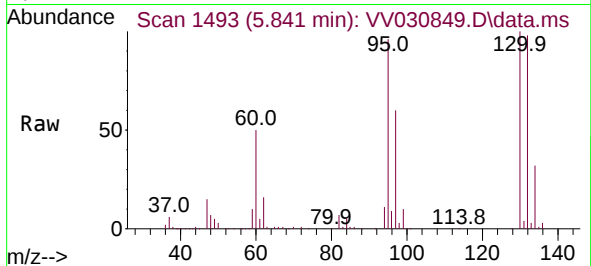


#34
Trichloroethene
Concen: 47.338 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

Tgt Ion: 95 Resp: 85505

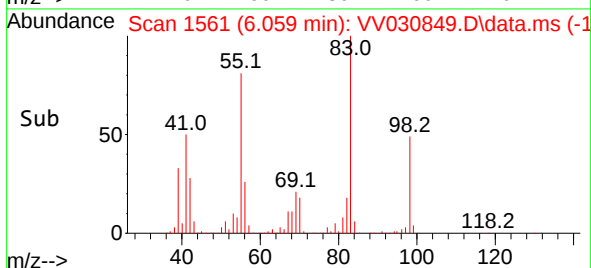
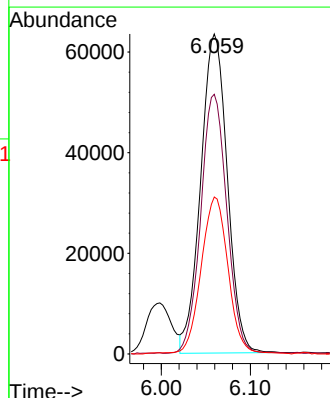
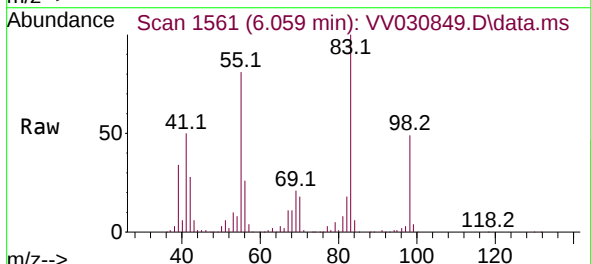
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.8	85.2
132	101.7	70.6	131.2
130	103.6	70.9	131.7

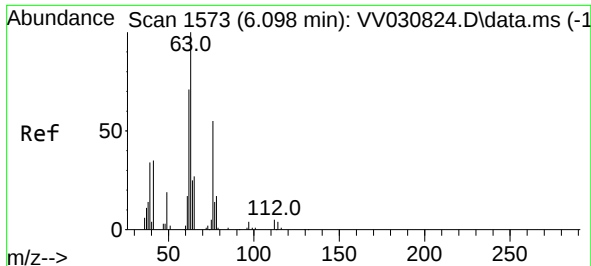


#35
Methylcyclohexane
Concen: 46.578 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion: 83 Resp: 131827

Ion	Ratio	Lower	Upper
83	100		
55	79.5	65.5	98.3
98	49.8	38.7	58.1





#37

1,2-Dichloropropane

Concen: 46.867 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

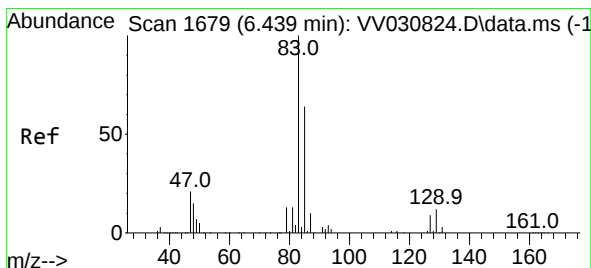
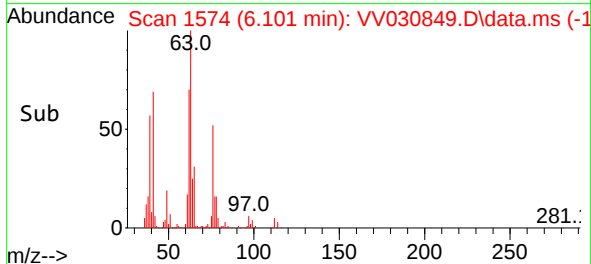
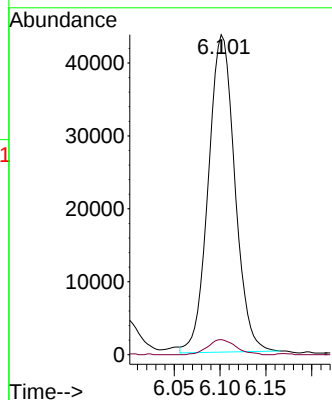
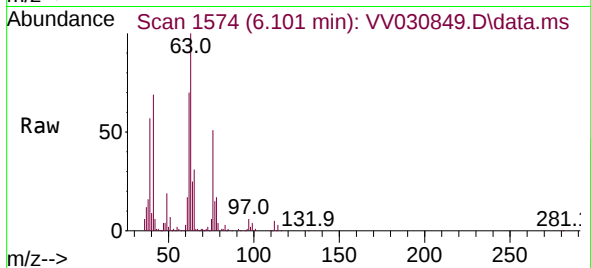
EW8Z5MS

Tgt Ion: 63 Resp: 87597

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 47.613 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

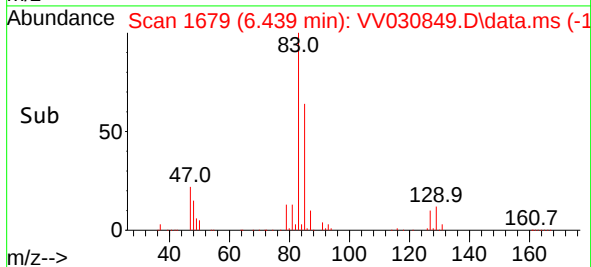
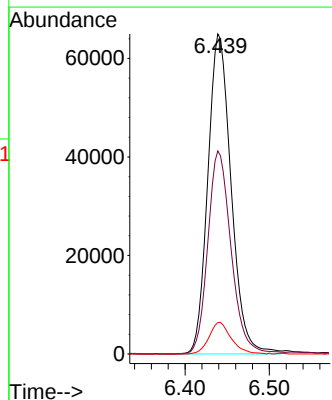
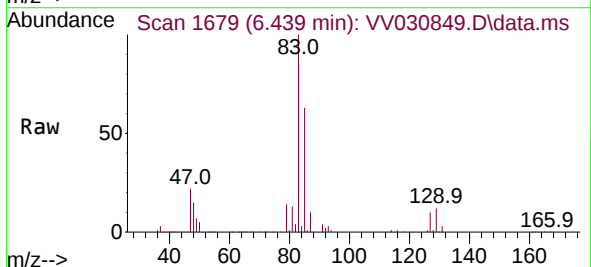
Tgt Ion: 83 Resp: 125012

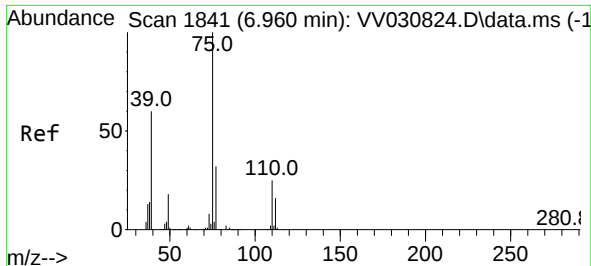
Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.4

127 9.8 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 47.425 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

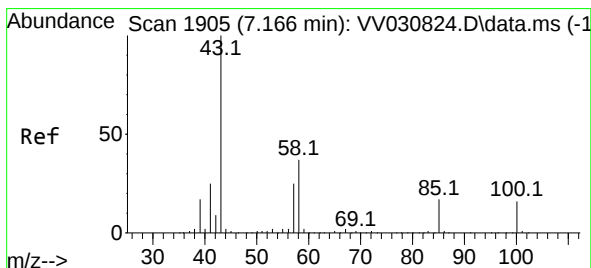
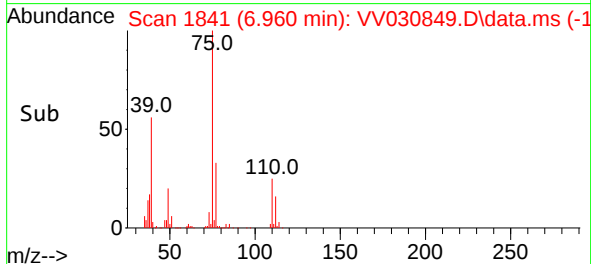
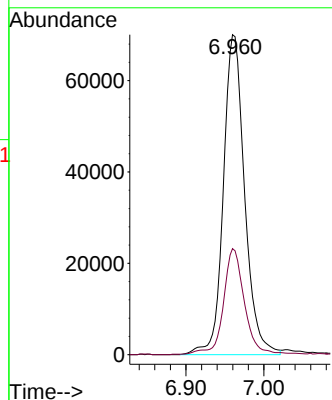
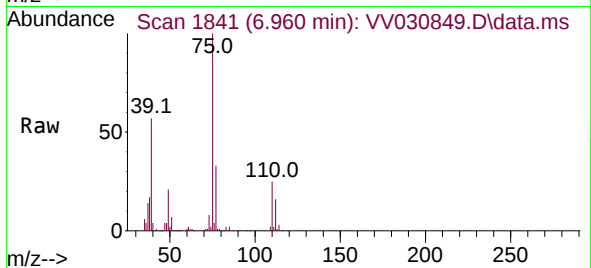
EW8Z5MS

Tgt Ion: 75 Resp: 133038

Ion Ratio Lower Upper

75 100

77 33.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 98.961 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

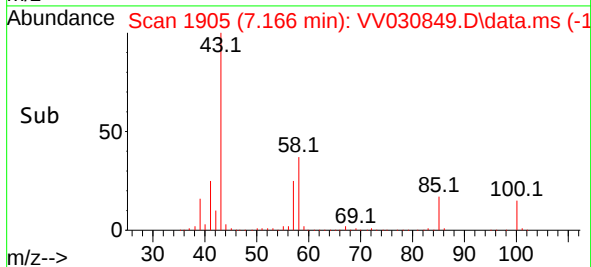
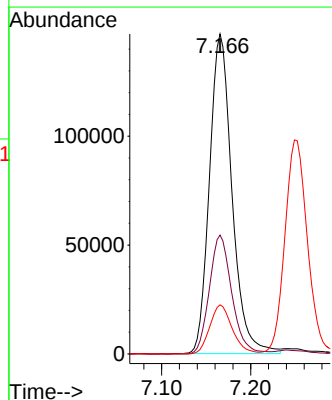
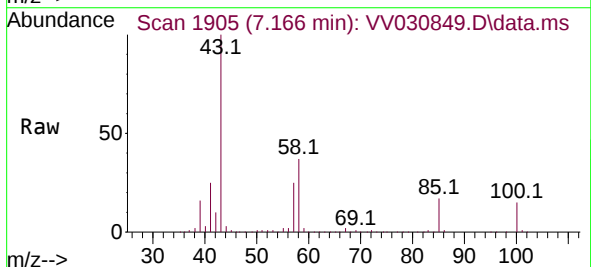
Tgt Ion: 43 Resp: 258378

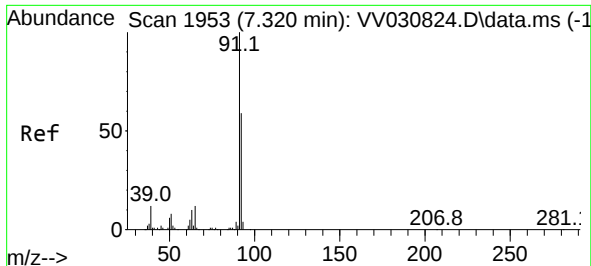
Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 15.4 11.3 16.9





#42

Toluene

Concen: 49.711 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

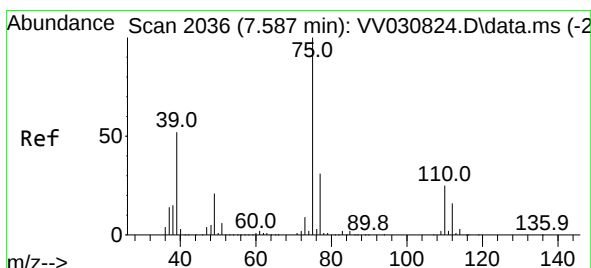
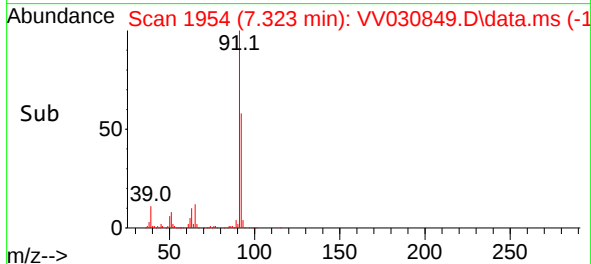
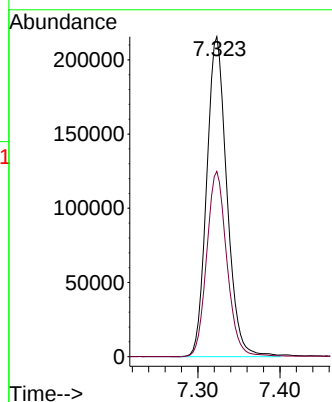
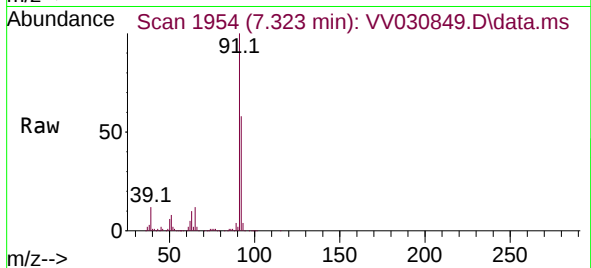
EW8Z5MS

Tgt Ion: 91 Resp: 369749

Ion Ratio Lower Upper

91 100

92 57.9 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 49.561 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV030849.D

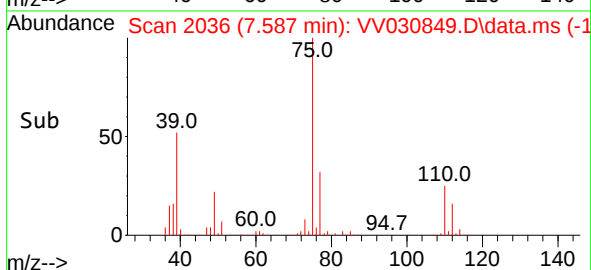
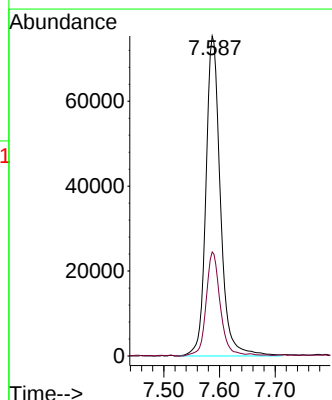
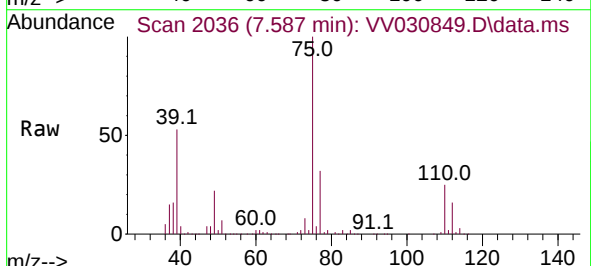
Acq: 25 Apr 2023 20:03

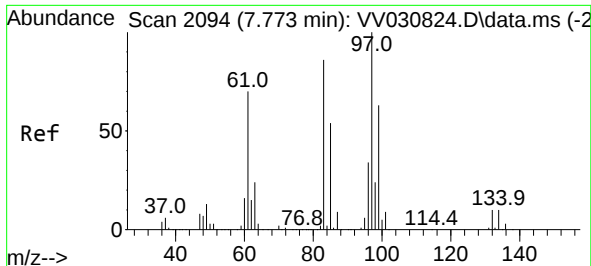
Tgt Ion: 75 Resp: 136593

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1

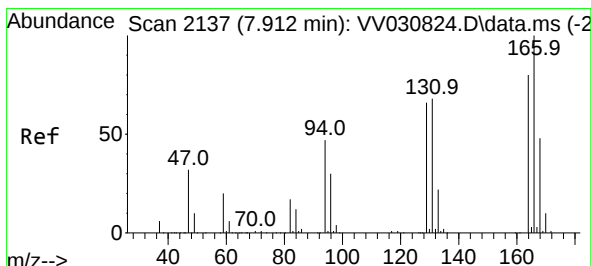
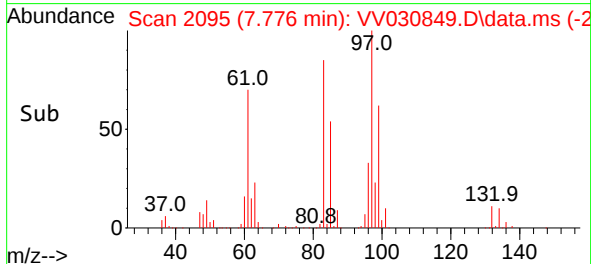
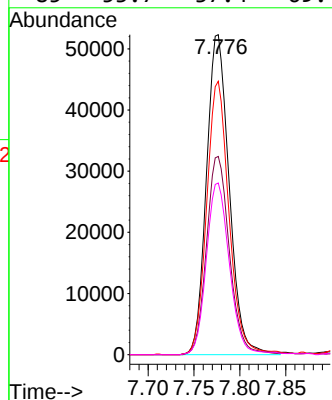
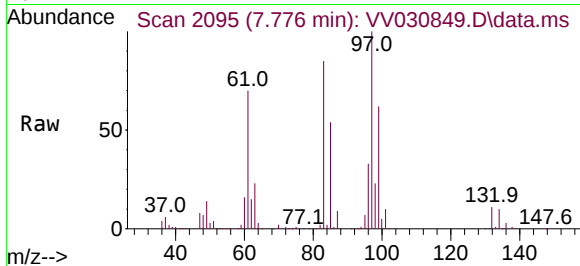




#45
1,1,2-Trichloroethane
Concen: 48.164 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

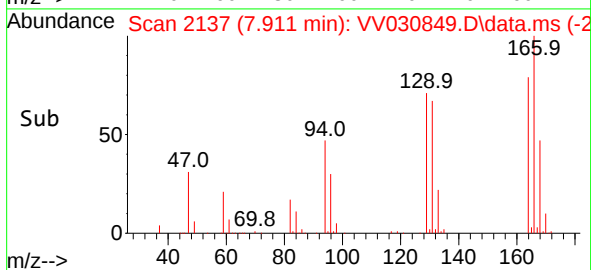
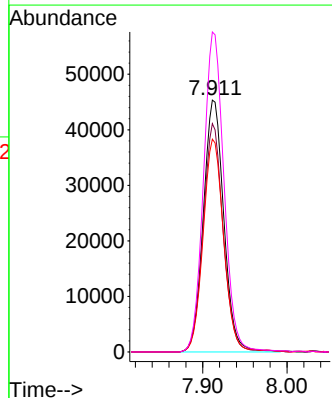
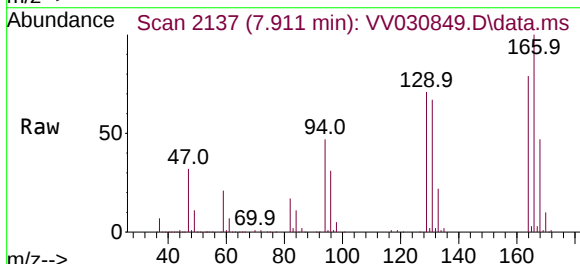
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

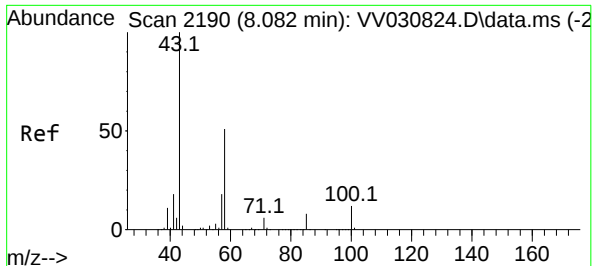
Tgt Ion:	97	Resp:	90269
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.8	81.4
83	85.4	59.6	110.6
85	53.7	37.4	69.4



#46
Tetrachloroethene
Concen: 48.517 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion:	164	Resp:	76707
Ion	Ratio	Lower	Upper
164	100		
129	90.6	63.8	118.6
131	84.5	60.3	111.9
166	127.1	89.5	166.1

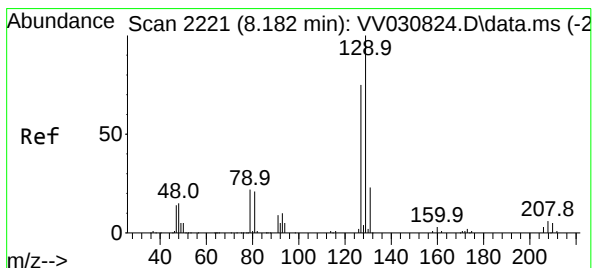
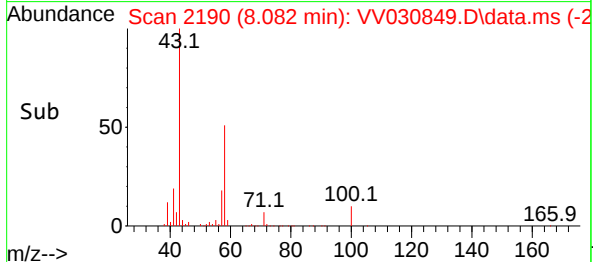
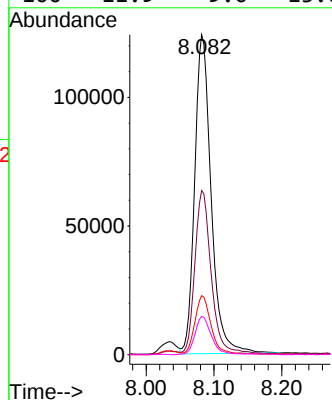
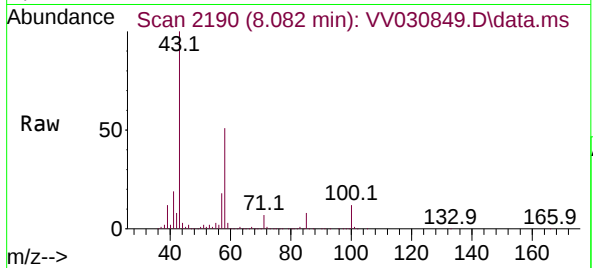




#48
2-Hexanone
Concen: 97.219 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

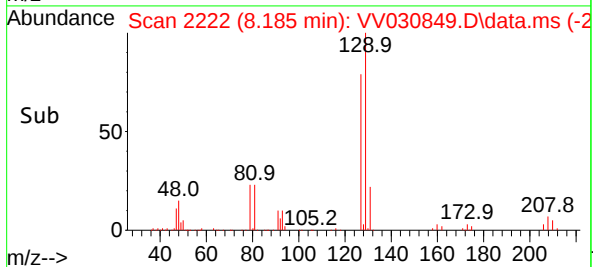
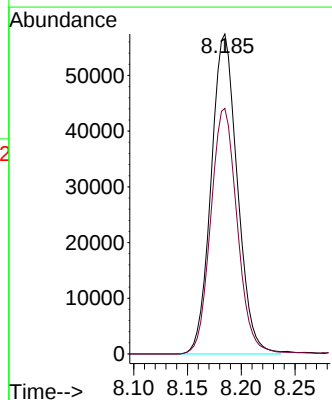
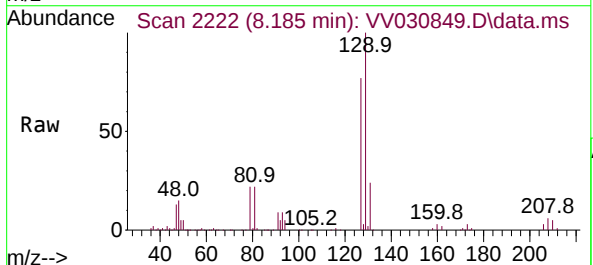
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

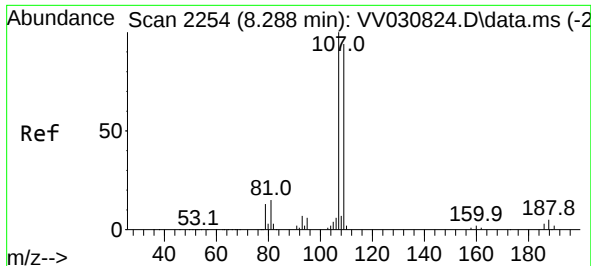
Tgt Ion: 43 Resp: 209439
Ion Ratio Lower Upper
43 100
58 50.9 41.4 62.0
57 17.2 14.9 22.3
100 11.9 9.0 13.6



#49
Dibromochloromethane
Concen: 47.147 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion: 129 Resp: 97466
Ion Ratio Lower Upper
129 100
127 76.8 52.8 98.2





#50

1,2-Dibromoethane

Concen: 47.569 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

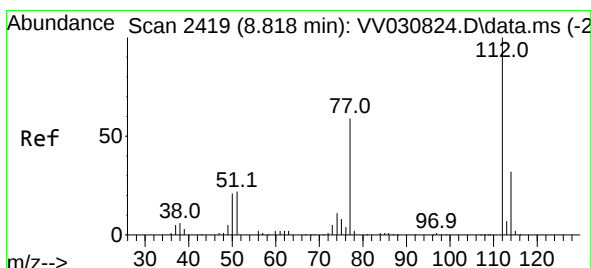
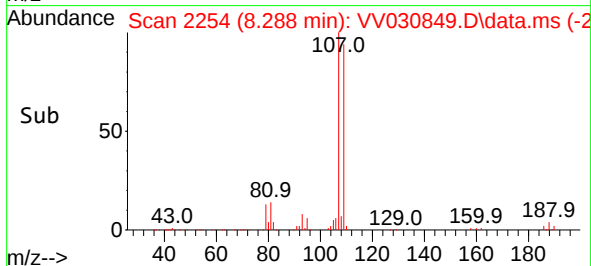
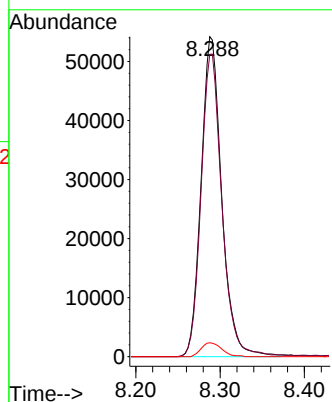
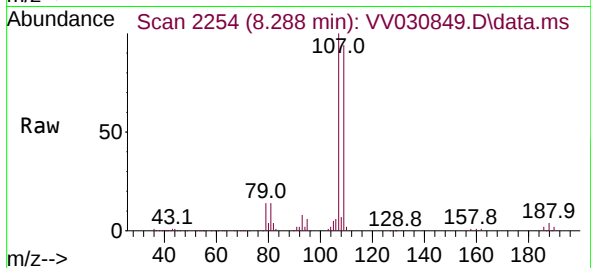
Tgt Ion:107 Resp: 92377

Ion Ratio Lower Upper

107 100

109 94.5 65.7 121.9

188 4.3 3.2 4.8



#51

Chlorobenzene

Concen: 48.888 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

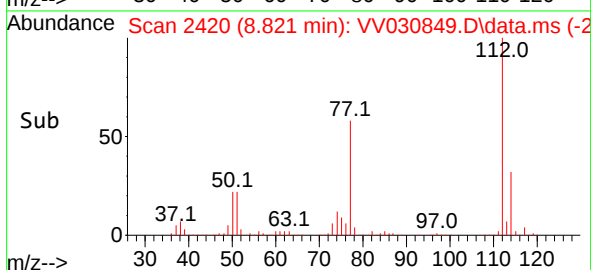
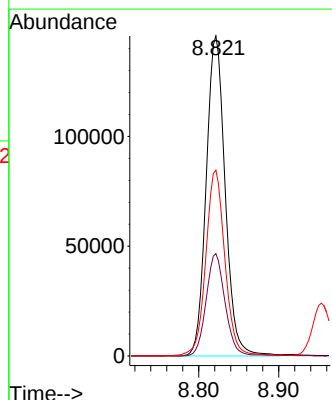
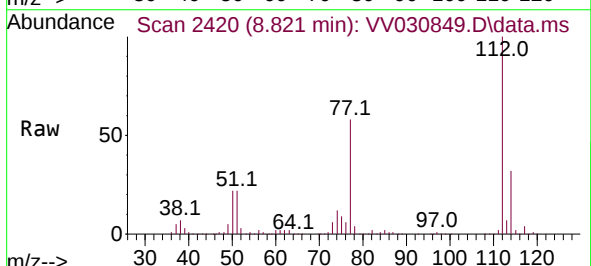
Tgt Ion:112 Resp: 240826

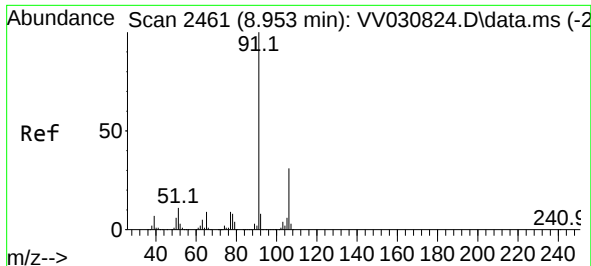
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 58.1 47.4 71.0





#52

Ethylbenzene

Concen: 49.439 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

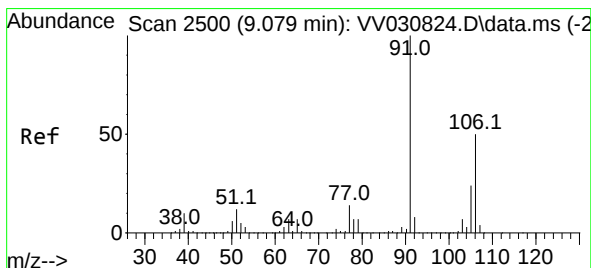
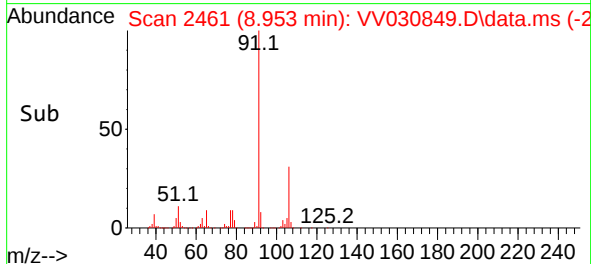
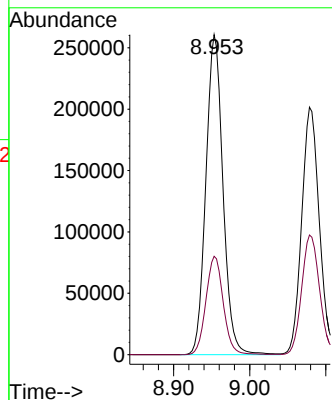
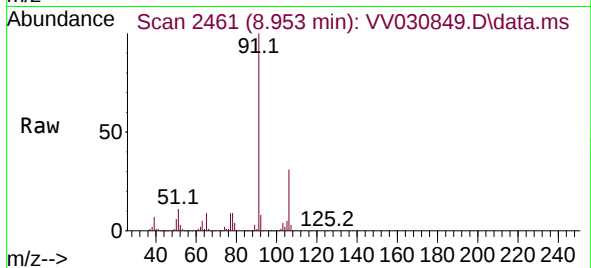
EW8Z5MS

Tgt Ion: 91 Resp: 407095

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.4



#53

m,p-Xylene

Concen: 51.397 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.000 min

Lab File: VV030849.D

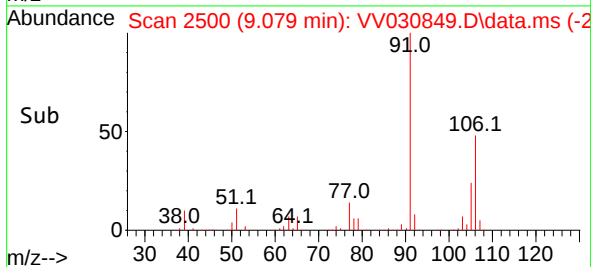
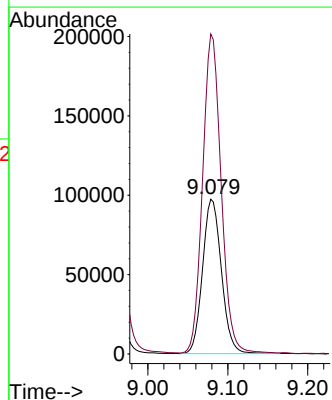
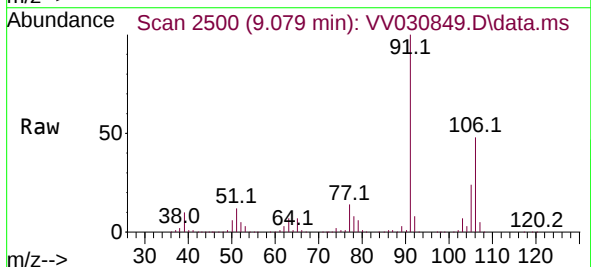
Acq: 25 Apr 2023 20:03

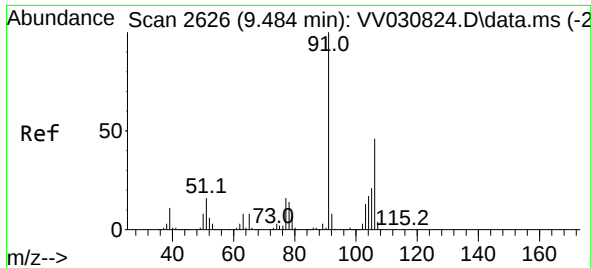
Tgt Ion: 106 Resp: 159858

Ion Ratio Lower Upper

106 100

91 206.8 144.7 268.7

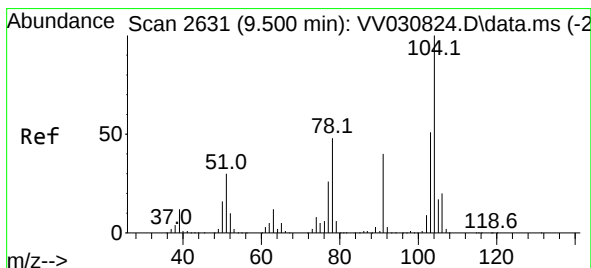
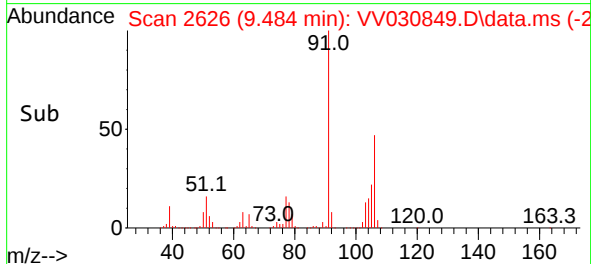
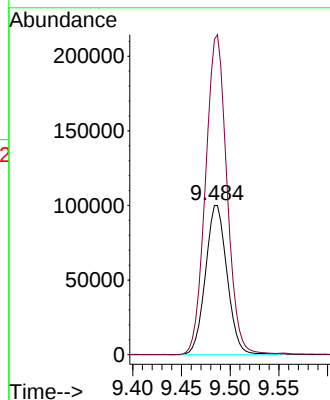
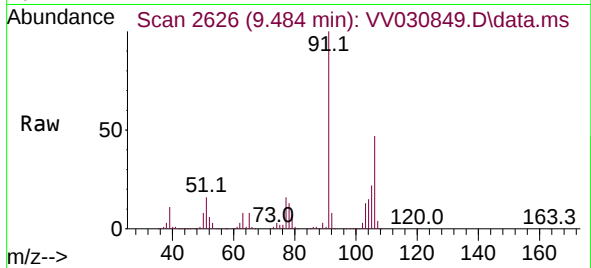




#54
o-Xylene
Concen: 50.769 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

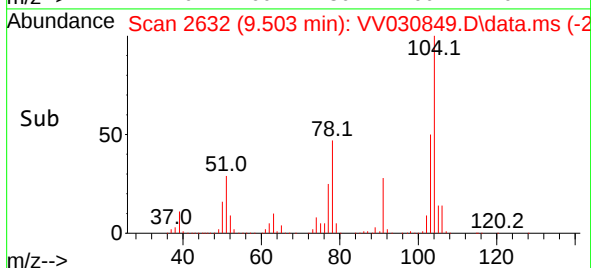
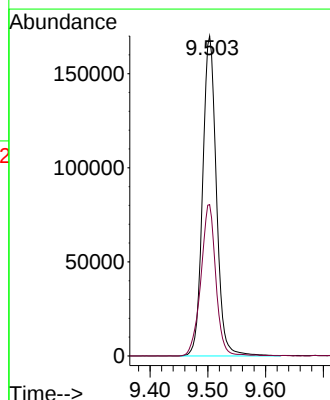
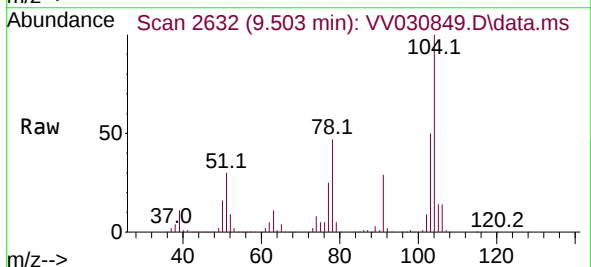
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

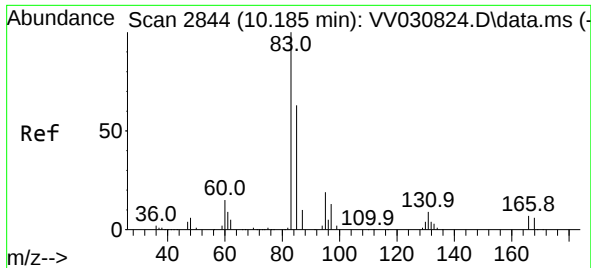
Tgt Ion:106 Resp: 154477
Ion Ratio Lower Upper
106 100
91 211.2 152.6 283.4



#55
Styrene
Concen: 52.579 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion:104 Resp: 281029
Ion Ratio Lower Upper
104 100
78 47.3 32.3 59.9

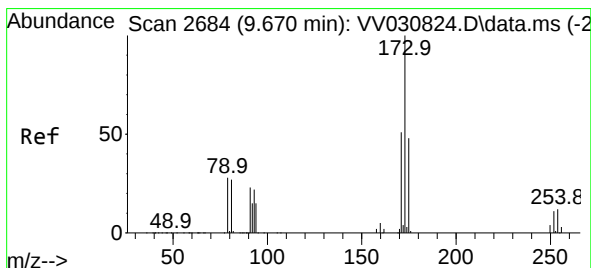
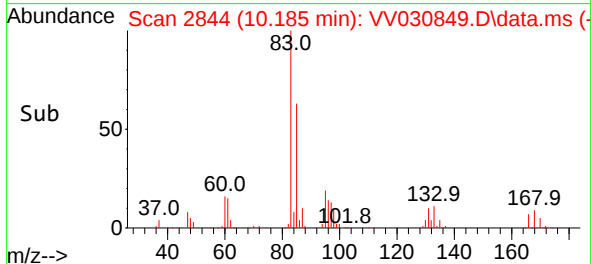
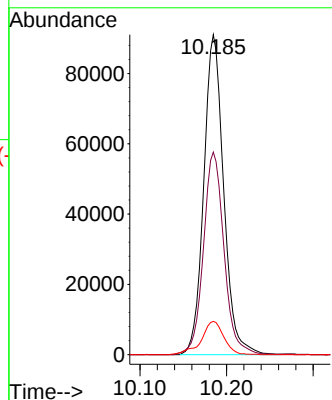
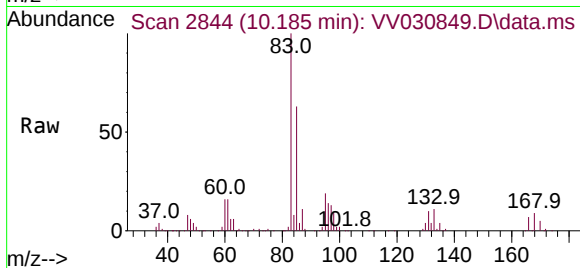




#57
1,1,2,2-Tetrachloroethane
Concen: 47.347 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

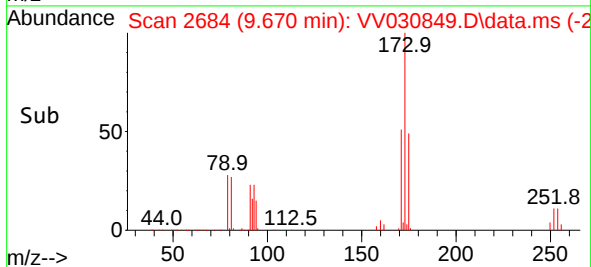
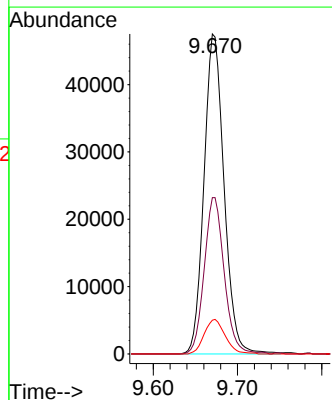
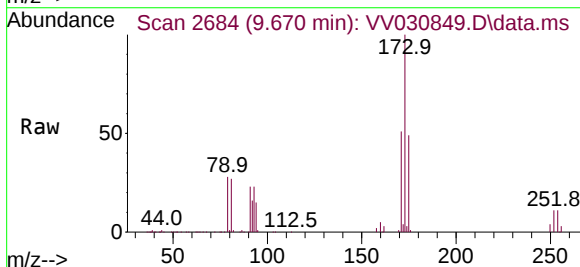
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

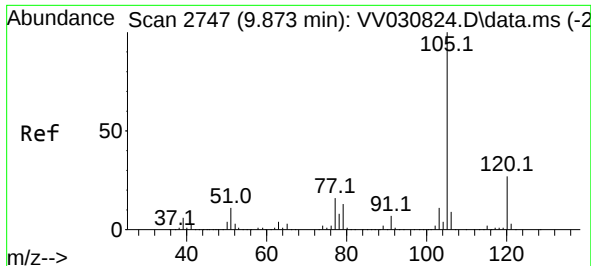
Tgt Ion: 83 Resp: 145693
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.7
131 10.4 8.0 12.0



#59
Bromoform
Concen: 45.197 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion: 173 Resp: 78917
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 11.3 8.2 12.4

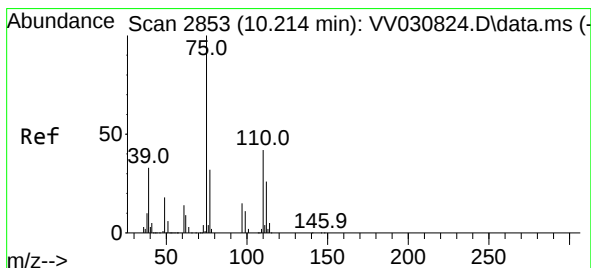
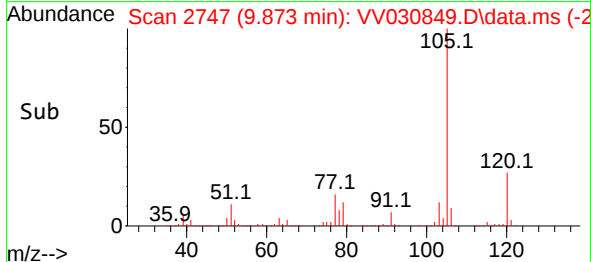
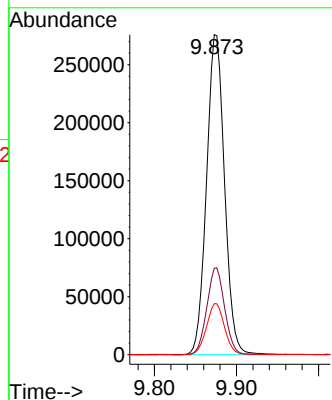
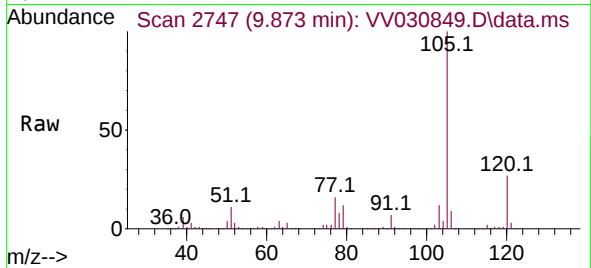




#60
Isopropylbenzene
Concen: 48.449 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

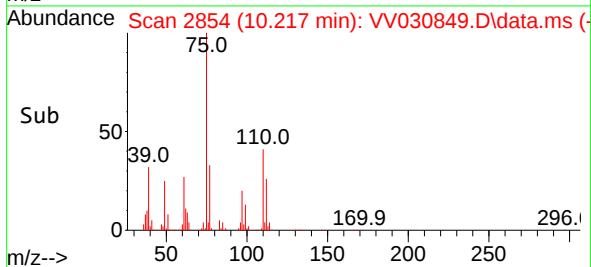
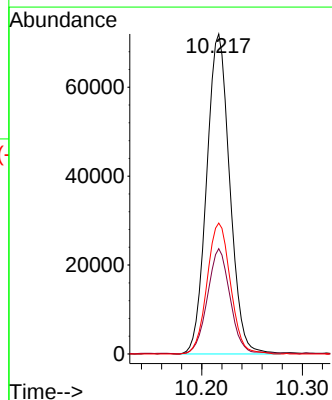
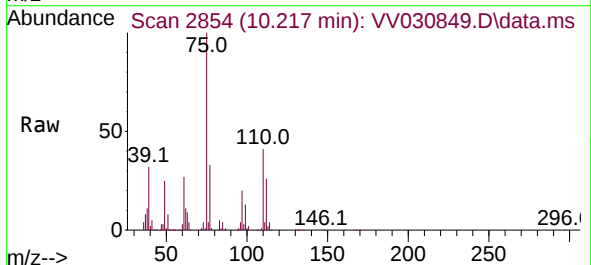
Instrument :
MSVOA_V
ClientSampleId :
EW8Z5MS

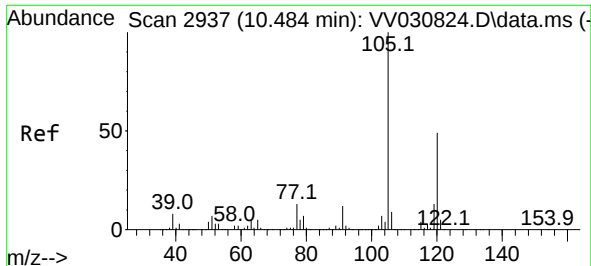
Tgt Ion:105 Resp: 421391
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 46.019 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030849.D
Acq: 25 Apr 2023 20:03

Tgt Ion: 75 Resp: 114948
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 41.4 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 47.961 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

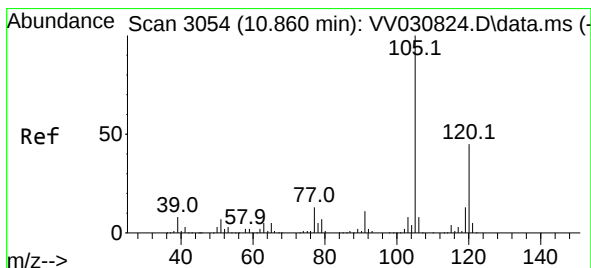
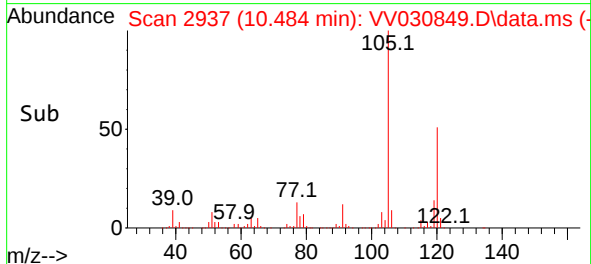
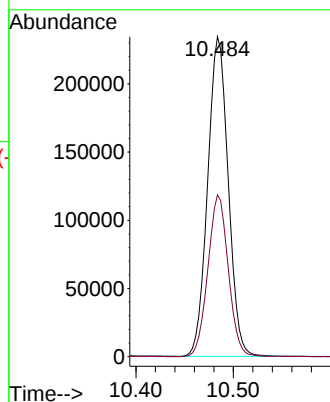
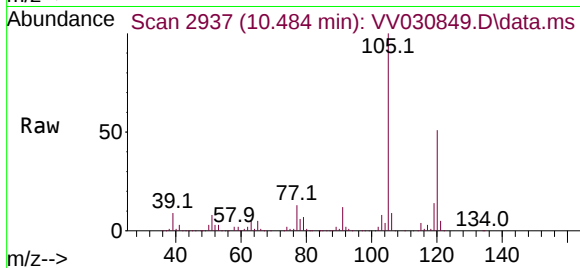
EW8Z5MS

Tgt Ion:105 Resp: 343451

Ion Ratio Lower Upper

105 100

120 50.3 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 47.897 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030849.D

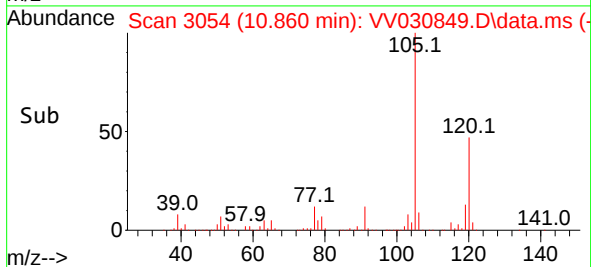
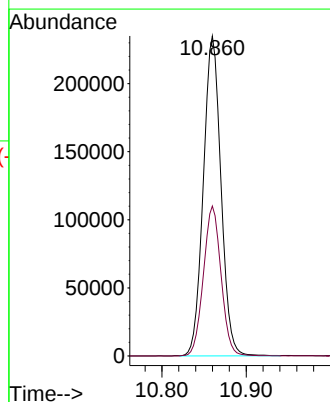
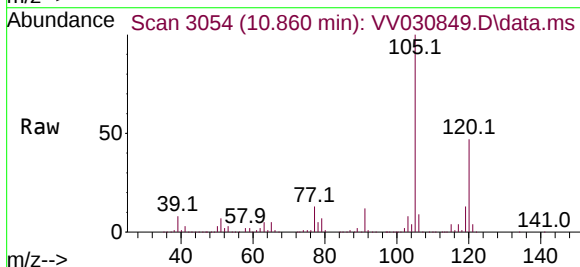
Acq: 25 Apr 2023 20:03

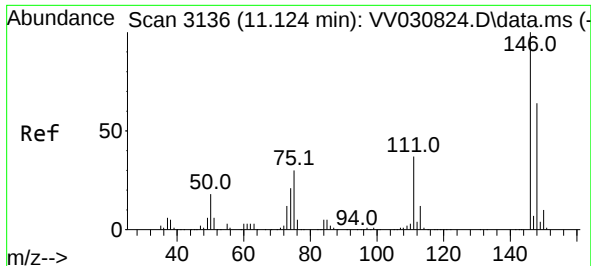
Tgt Ion:105 Resp: 342461

Ion Ratio Lower Upper

105 100

120 46.9 36.2 54.4

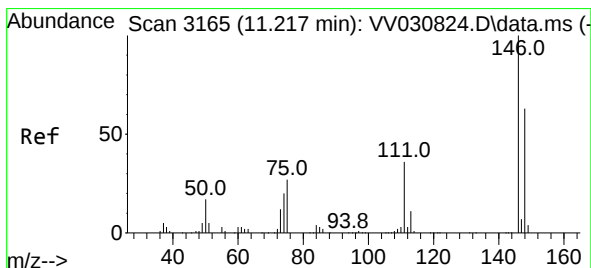
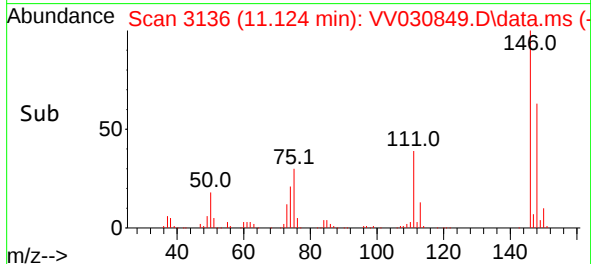
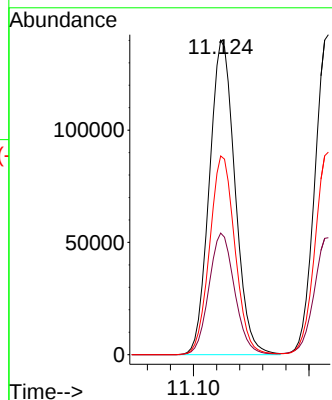
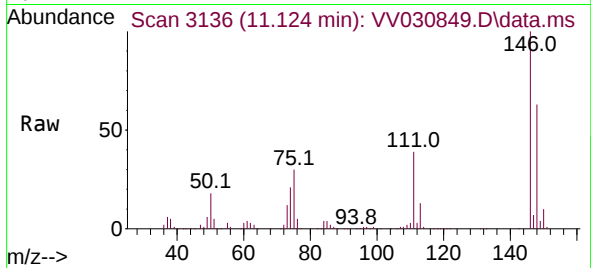




#64
 1,3-Dichlorobenzene
 Concen: 49.582 ug/L
 RT: 11.124 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

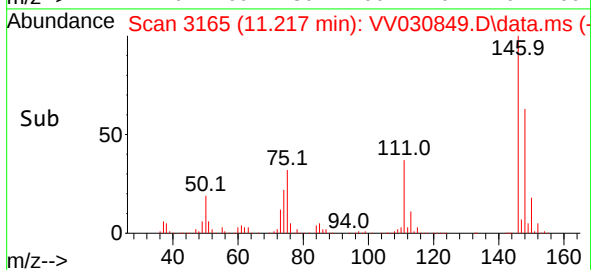
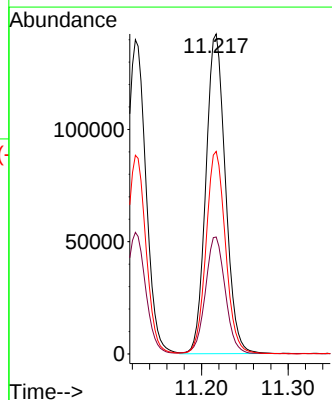
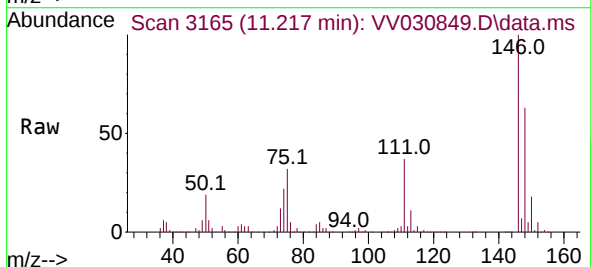
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

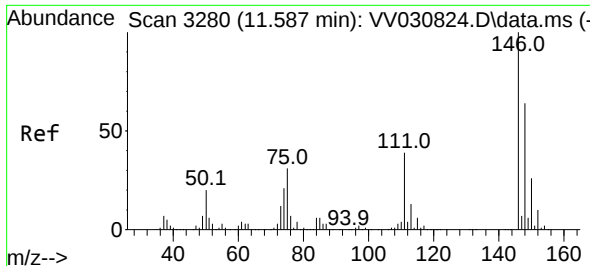
Tgt Ion:146 Resp: 215905
 Ion Ratio Lower Upper
 146 100
 111 38.7 27.0 50.2
 148 63.3 44.8 83.2



#65
 1,4-Dichlorobenzene
 Concen: 48.623 ug/L
 RT: 11.217 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

Tgt Ion:146 Resp: 223268
 Ion Ratio Lower Upper
 146 100
 111 36.6 26.5 49.1
 148 63.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 49.676 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

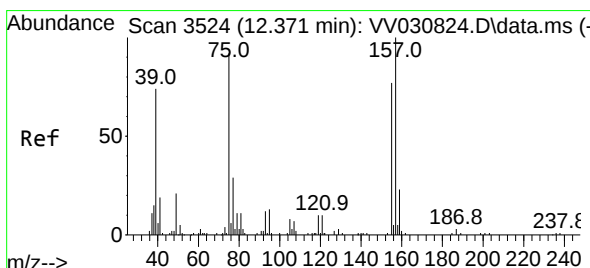
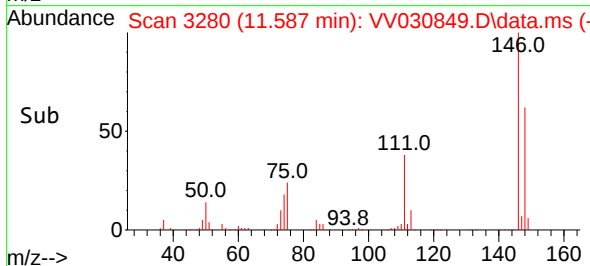
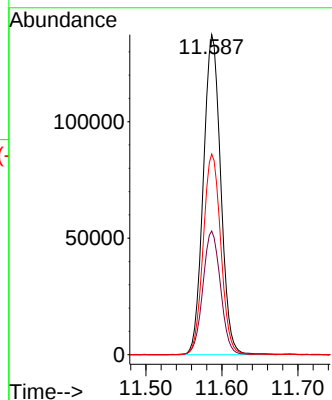
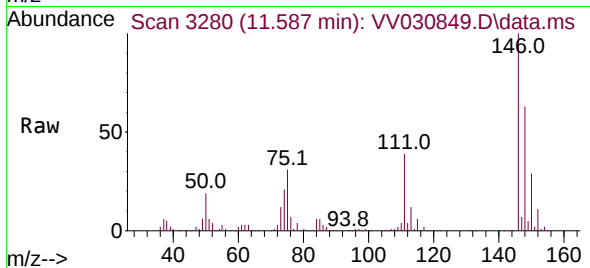
Tgt Ion:146 Resp: 218225

Ion Ratio Lower Upper

146 100

111 38.6 32.0 48.0

148 62.7 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 46.051 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

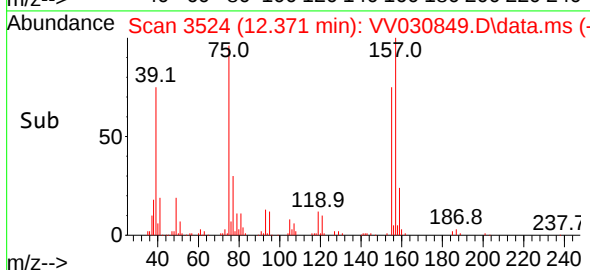
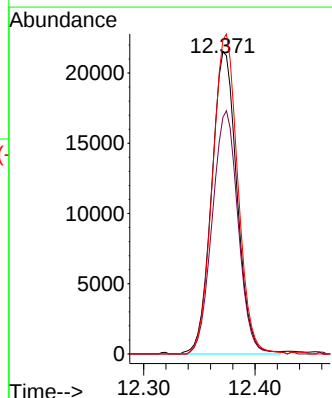
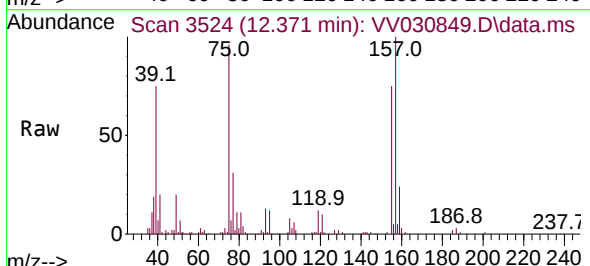
Tgt Ion: 75 Resp: 34079

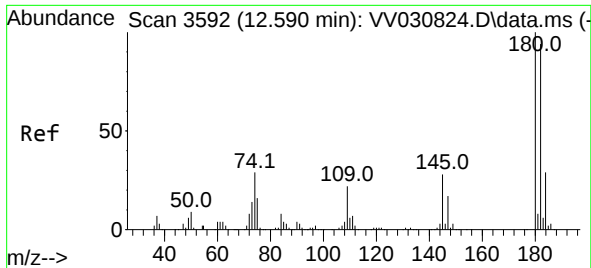
Ion Ratio Lower Upper

75 100

155 78.2 65.0 97.6

157 103.9 84.4 126.6

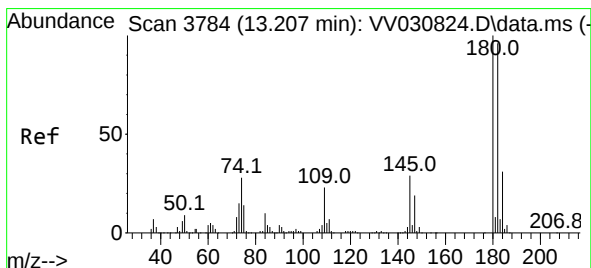
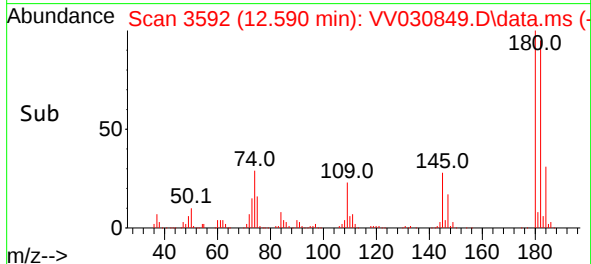
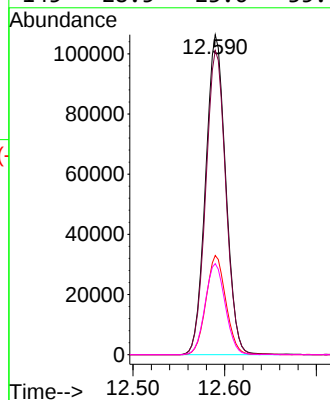
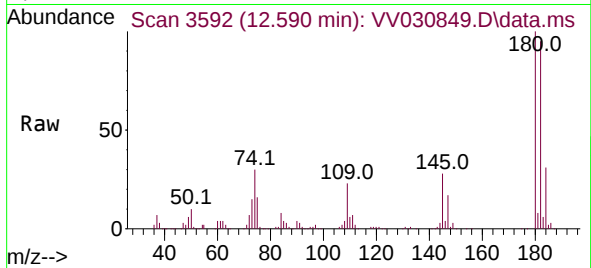




#69
 1,3,5-Trichlorobenzene
 Concen: 49.233 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

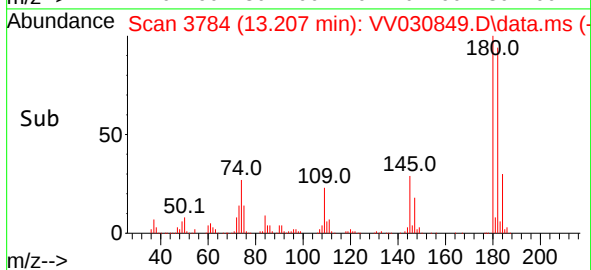
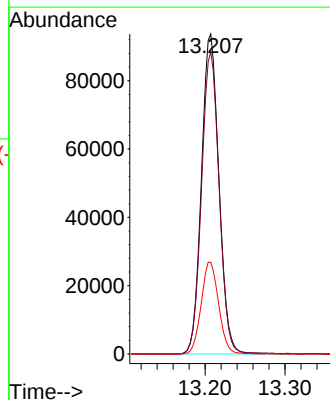
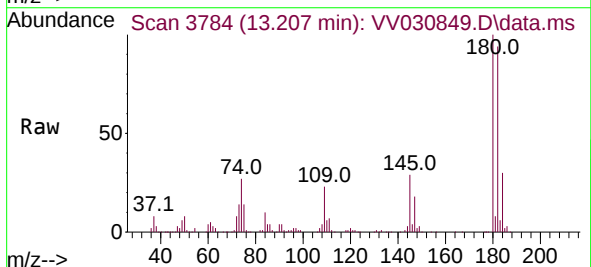
Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Z5MS

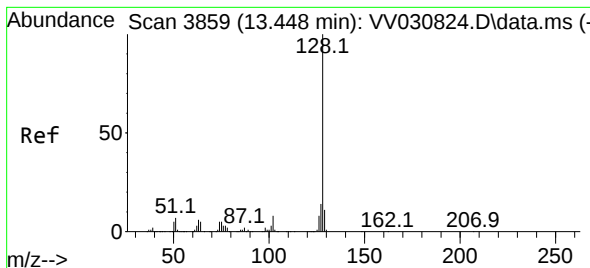
Tgt Ion:180	Resp:	161947
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.4 114.6
184	30.6	24.1 36.1
145	28.5	23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 51.170 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030849.D
 Acq: 25 Apr 2023 20:03

Tgt Ion:180	Resp:	142913
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.9 113.9
145	28.6	23.4 35.2





#71

Naphthalene

Concen: 49.775 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

EW8Z5MS

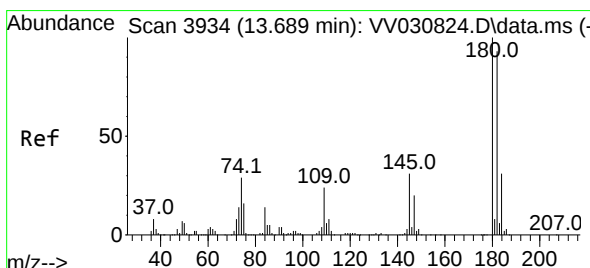
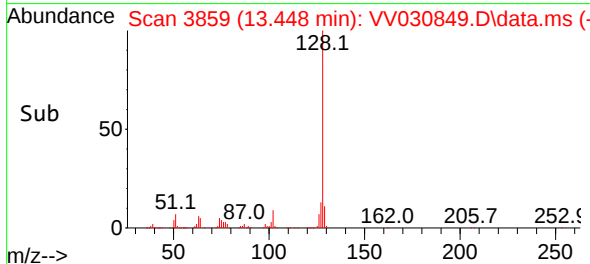
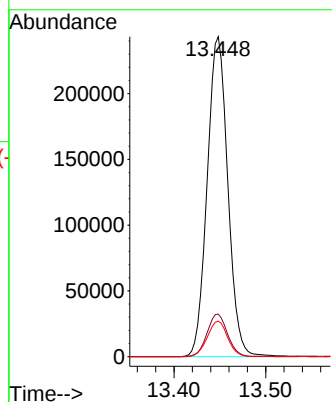
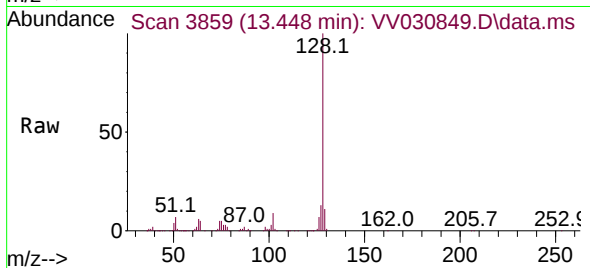
Tgt Ion:128 Resp: 380279

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 52.269 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030849.D

Acq: 25 Apr 2023 20:03

Tgt Ion:180 Resp: 144755

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.4

145 31.0 25.1 37.7

