

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033249.D
 Acq On : 12 Dec 2023 05:39
 Operator : SY/MD
 Sample : 05751-13MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF6MS

Quant Time: Dec 12 06:55:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	273489	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	280153	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171271	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86853	53.124	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.240%
7) Chloroethane-d5	1.529	69	62937	55.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.500%
11) 1,1-Dichloroethene-d2	2.059	65	33314	53.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.120%
21) 2-Butanone-d5	3.783	46	83988	103.430	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.430%
24) Chloroform-d	4.246	84	189318	54.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.120%
26) 1,2-Dichloroethane-d4	4.940	65	118470	54.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.840%
32) Benzene-d6	4.960	84	352110	53.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.480%
36) 1,2-Dichloropropane-d6	5.989	67	88792	50.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.800%
41) Toluene-d8	7.243	98	353175	56.505	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	7.551	79	54850	49.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.480%
47) 2-Hexanone-d5	8.021	63	74244	104.903	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.900%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	139001	55.504	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	161868	53.118	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	143079	47.862	ug/L	100
3) Chloromethane	1.214	50	90002	45.648	ug/L	100
5) Vinyl chloride	1.281	62	93793	49.602	ug/L	100
6) Bromomethane	1.484	94	51225	41.516	ug/L	99
8) Chloroethane	1.548	64	52957	52.603	ug/L	97
9) Trichlorofluoromethane	1.712	101	169854	54.437	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	80963	55.256	ug/L	97
12) 1,1-Dichloroethene	2.069	96	129478	94.432	ug/L	87
13) Acetone	2.108	43	125757	162.223	ug/L	99
14) Carbon disulfide	2.240	76	225902	45.922	ug/L	98
15) Methyl Acetate	2.368	43	53673	41.541	ug/L	96
16) Methylene chloride	2.445	84	91952	50.646	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	91666	50.919	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	290714	53.158	ug/L	98
19) 1,1-Dichloroethane	3.111	63	161719	54.275	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	123345	64.572	ug/L	95
22) 2-Butanone	3.860	43	135754	137.607	ug/L	95
23) Bromochloromethane	4.146	128	59095	53.878	ug/L	96
25) Chloroform	4.275	83	188449	54.993	ug/L	93

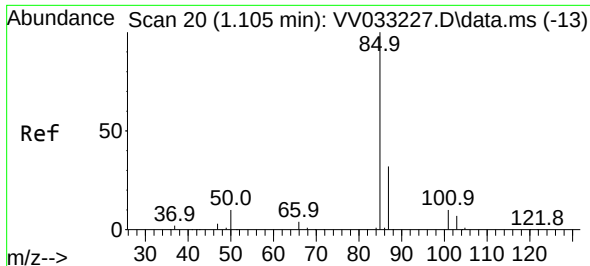
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	145053	53.567	ug/L	99
29) Cyclohexane	4.583	56	121177	46.830	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	195883	56.576	ug/L	98
31) Carbon tetrachloride	4.735	117	173757	53.973	ug/L	97
33) Benzene	5.008	78	368560	51.915	ug/L	100
34) Trichloroethene	5.831	95	207462	97.816	ug/L	97
35) Methylcyclohexane	6.050	83	150817	48.995	ug/L	98
37) 1,2-Dichloropropane	6.091	63	83777	50.990	ug/L	99
38) Bromodichloromethane	6.432	83	140543	53.060	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	151935	50.962	ug/L	100
40) 4-Methyl-2-pentanone	7.152	43	187599	107.539	ug/L	97
42) Toluene	7.313	91	430709	53.839	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	150026	49.765	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	102920	54.026	ug/L	98
46) Tetrachloroethene	7.905	164	94196	51.664	ug/L	95
48) 2-Hexanone	8.072	43	147026	101.653	ug/L	97
49) Dibromochloromethane	8.175	129	124217	54.621	ug/L	99
50) 1,2-Dibromoethane	8.281	107	108507	53.425	ug/L	98
51) Chlorobenzene	8.812	112	290768	51.686	ug/L	100
52) Ethylbenzene	8.947	91	480715	52.205	ug/L	99
53) m,p-Xylene	9.072	106	194368	53.301	ug/L	90
54) o-Xylene	9.477	106	190296	52.884	ug/L	97
55) Styrene	9.493	104	343625	55.202	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	148265	56.964	ug/L	99
59) Bromoform	9.664	173	102003	54.874	ug/L	99
60) Isopropylbenzene	9.866	105	521994	52.858	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	114629	53.674	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	419273	52.696	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	438079	52.868	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	272200	51.593	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	275074	50.192	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	275812	53.325	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	35941	54.847	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	203825	48.231	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	190472	48.784	ug/L	98
71) Naphthalene	13.438	128	475409	49.929	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	195045	51.772	ug/L	99

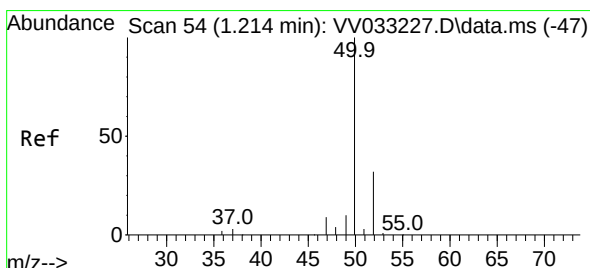
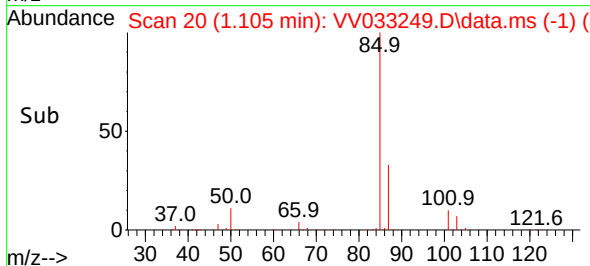
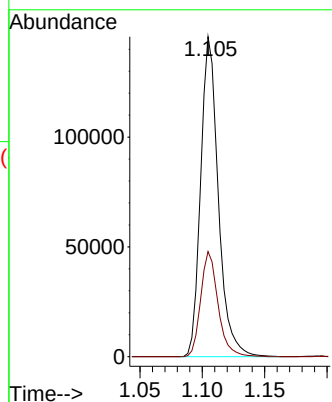
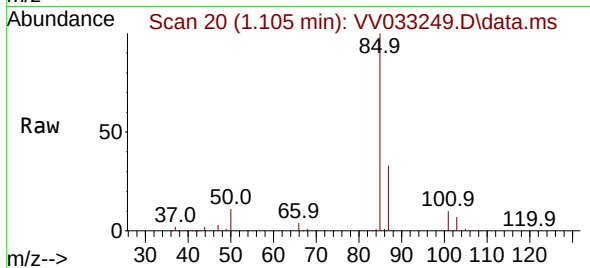
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 47.862 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

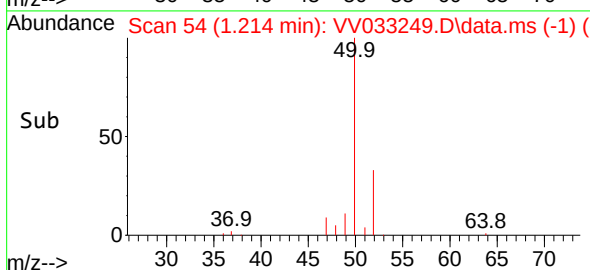
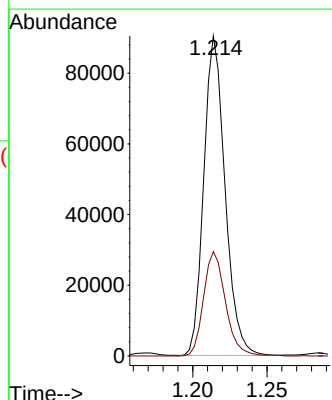
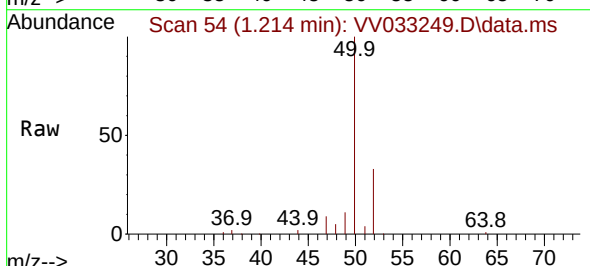
Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF6MS

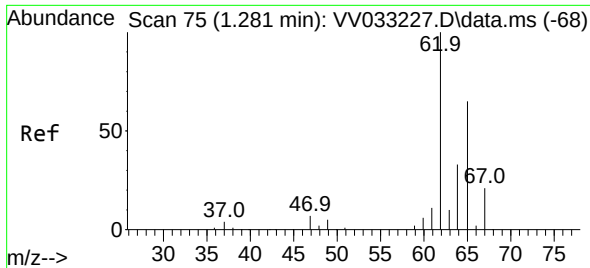
Tgt Ion: 85 Resp: 143079
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 45.648 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

Tgt Ion: 50 Resp: 90002
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

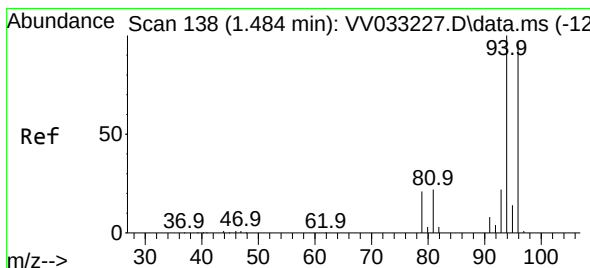
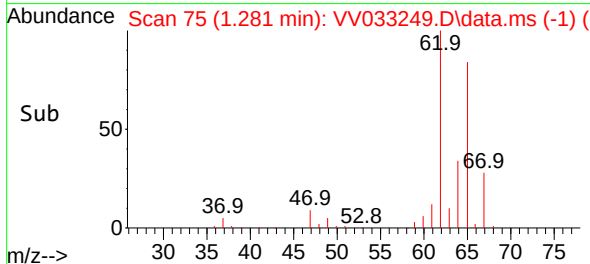
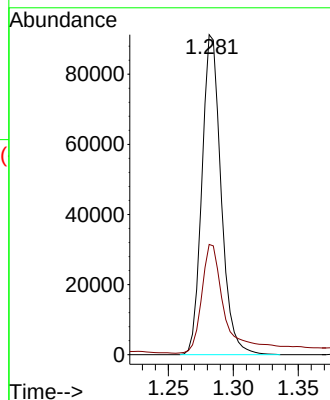
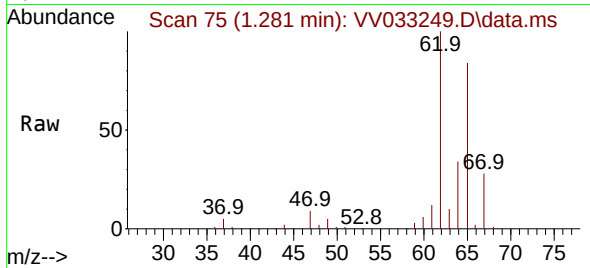




#5
 Vinyl chloride
 Concen: 49.602 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.003 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

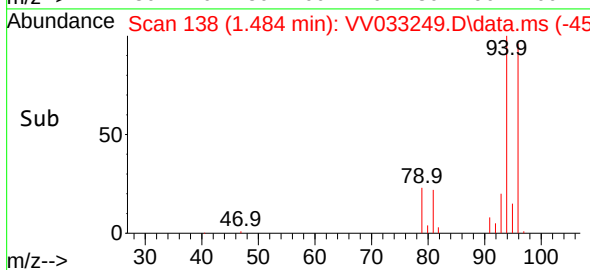
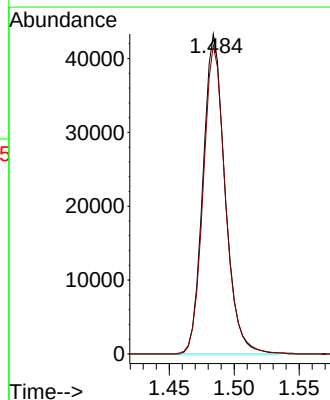
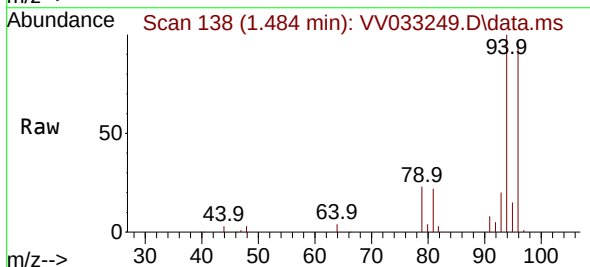
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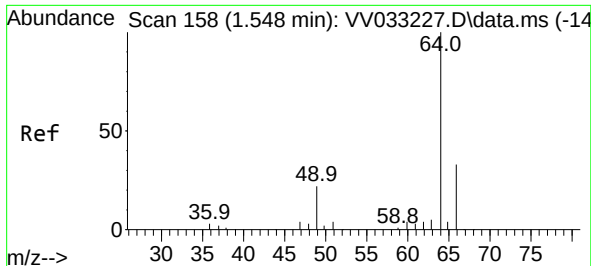
Tgt Ion:	62	Resp:	93793
Ion Ratio	Lower	Upper	
62	100		
64	34.5	24.2	45.0



#6
 Bromomethane
 Concen: 41.516 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

Tgt Ion:	94	Resp:	51225
Ion Ratio	Lower	Upper	
94	100		
96	96.5	67.1	124.7

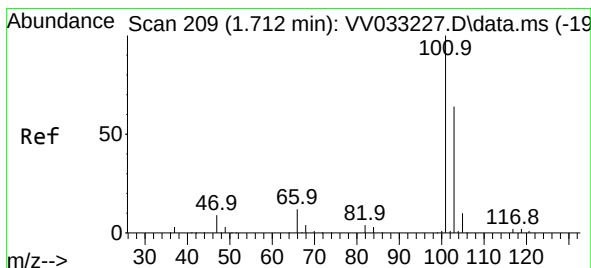
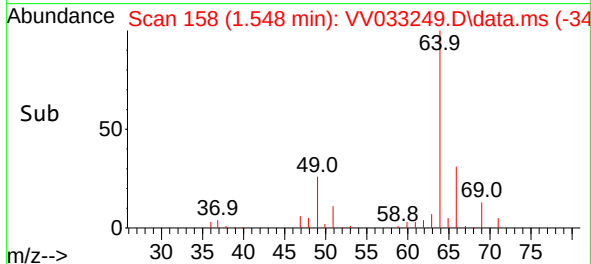
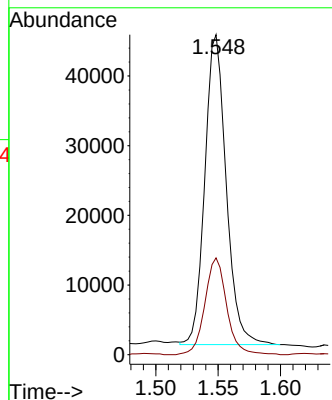
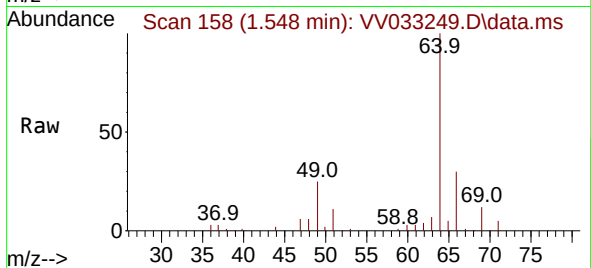




#8
Chloroethane
Concen: 52.603 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

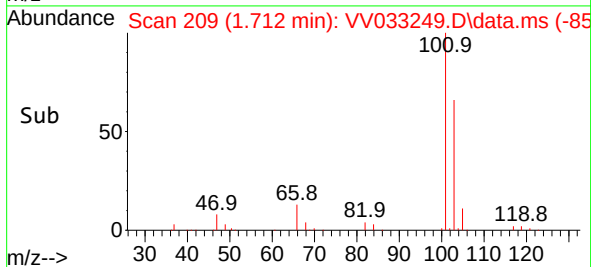
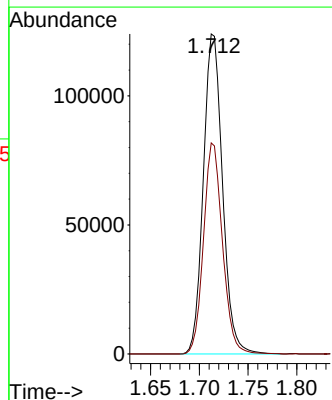
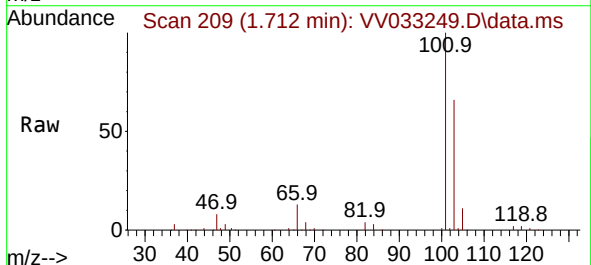
Instrument :
MSVOA_V
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YCHF6MS

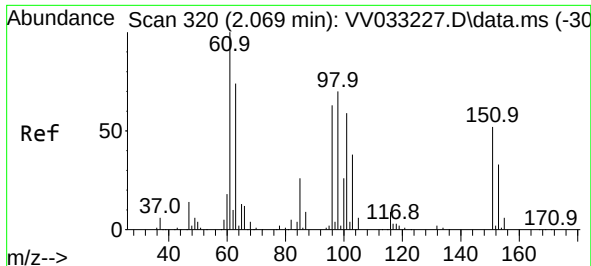
Tgt Ion: 64 Resp: 52957
Ion Ratio Lower Upper
64 100
66 30.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 54.437 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion:101 Resp: 169854
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9





#10

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

Concen: 55.256 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

YCHF6MS

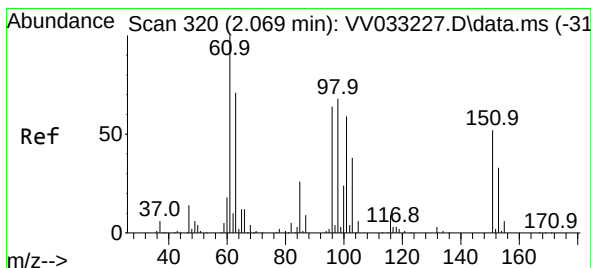
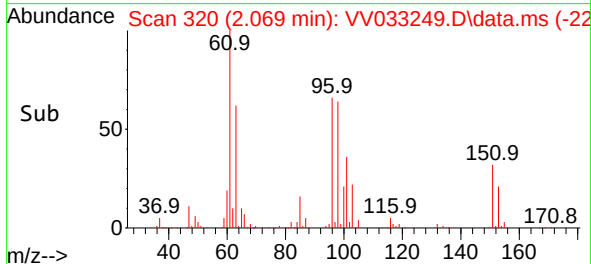
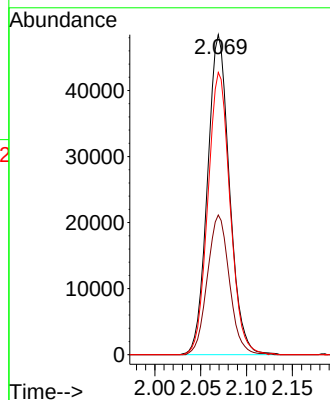
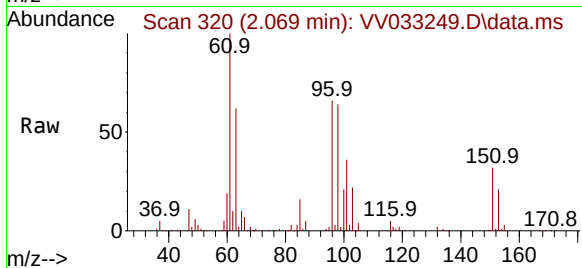
Tgt Ion:101 Resp: 80963

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

151 89.0 69.1 103.7



#12

1,1-Dichloroethene

Concen: 94.432 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

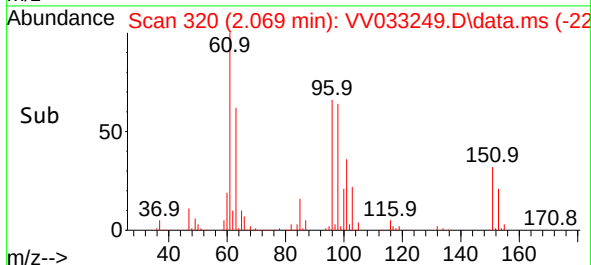
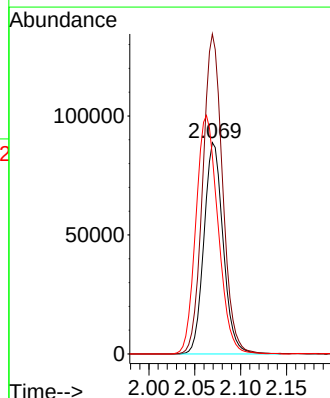
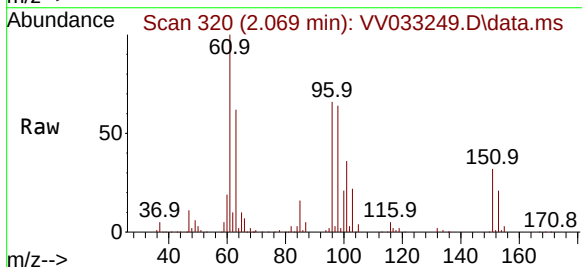
Tgt Ion: 96 Resp: 129478

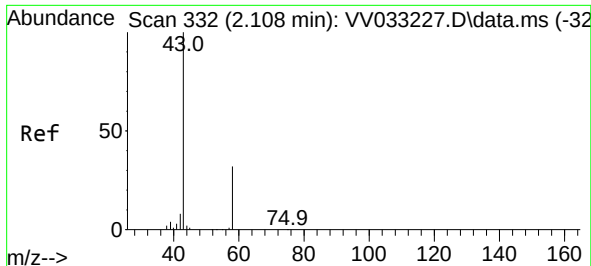
Ion Ratio Lower Upper

96 100

61 151.4 109.1 202.7

63 93.7 85.3 158.3





#13

Acetone

Concen: 162.223 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033249.D

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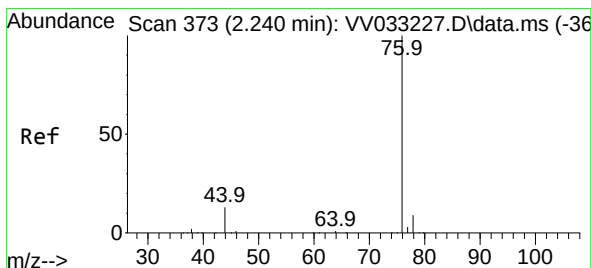
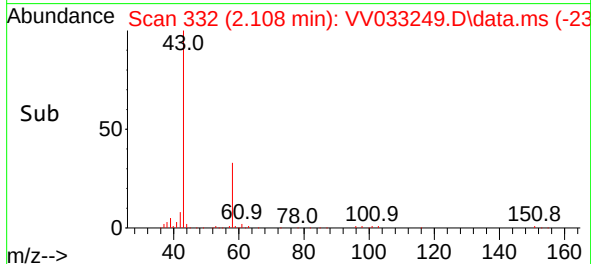
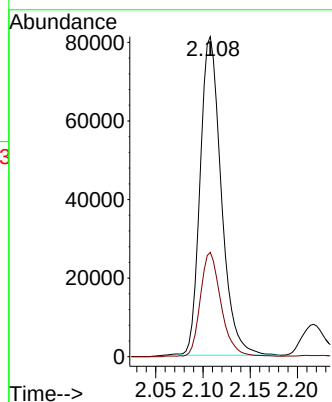
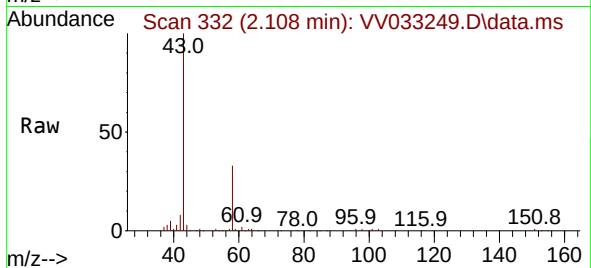
YCHF6MS

Tgt Ion: 43 Resp: 125757

Ion Ratio Lower Upper

43 100

58 32.0 0.0 62.8



#14

Carbon disulfide

Concen: 45.922 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033249.D

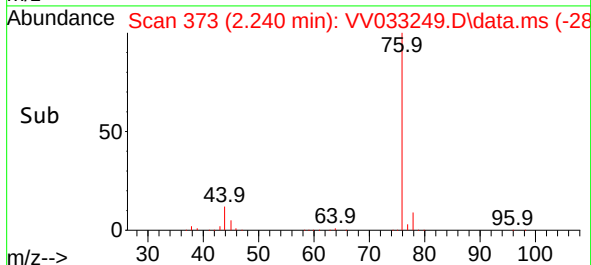
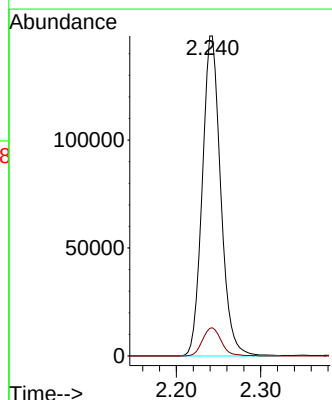
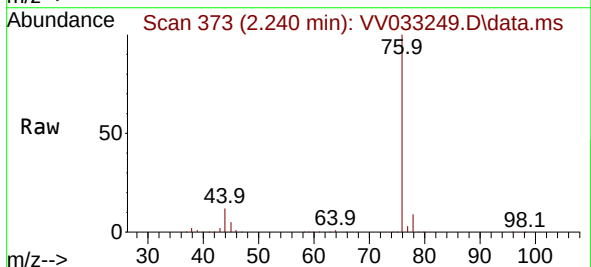
Acq: 12 Dec 2023 05:39

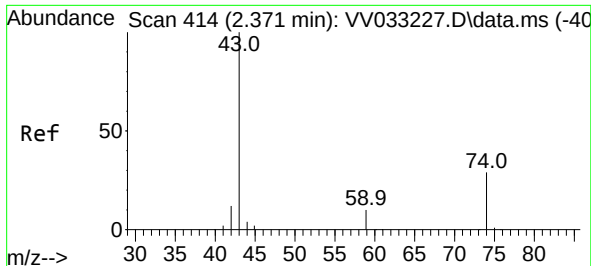
Tgt Ion: 76 Resp: 225902

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0





#15

Methyl Acetate

Concen: 41.541 ug/L

RT: 2.368 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

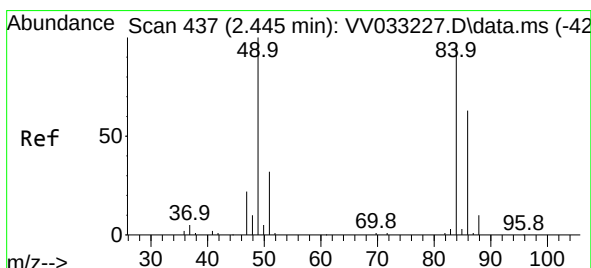
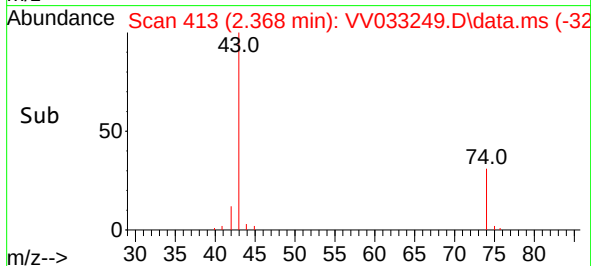
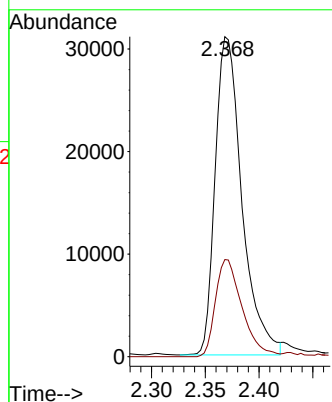
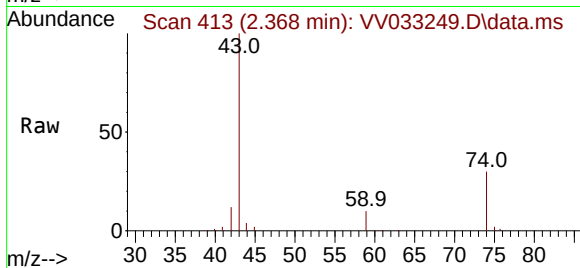
YCHF6MS

Tgt Ion: 43 Resp: 53673

Ion Ratio Lower Upper

43 100

74 30.3 22.6 33.8



#16

Methylene chloride

Concen: 50.646 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

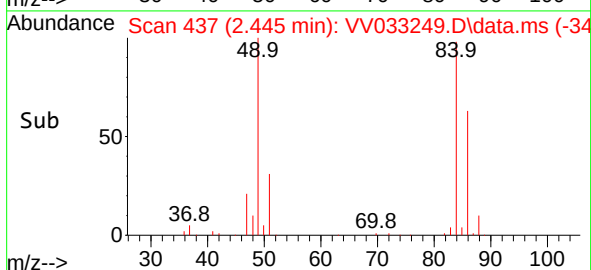
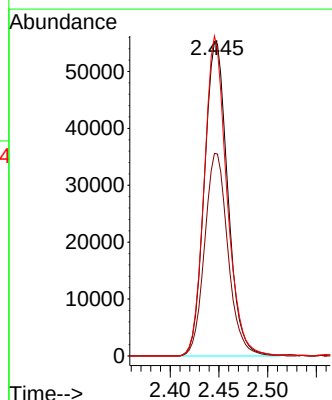
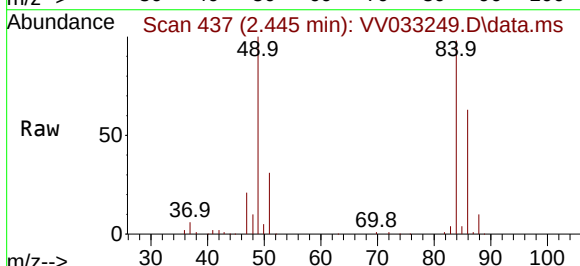
Tgt Ion: 84 Resp: 91952

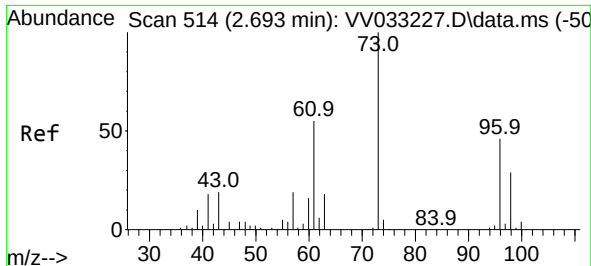
Ion Ratio Lower Upper

84 100

86 64.5 45.9 85.3

49 101.8 75.5 140.1

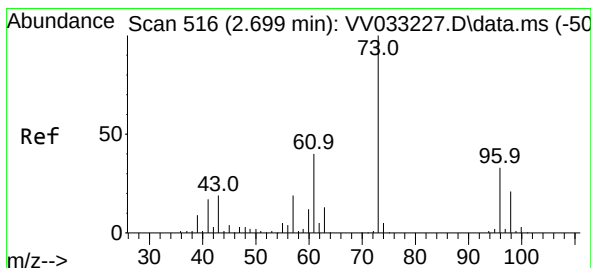
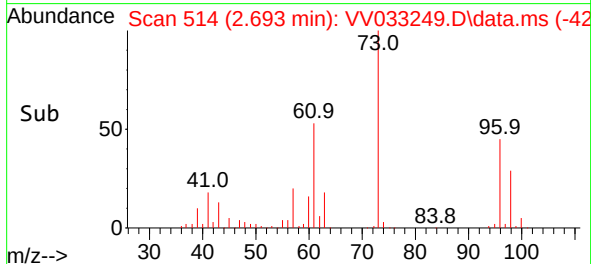
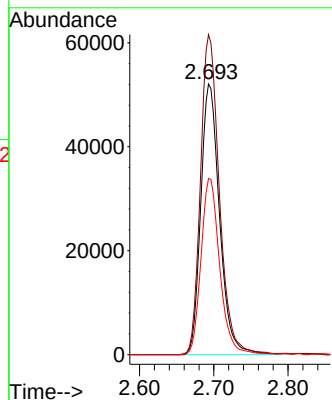
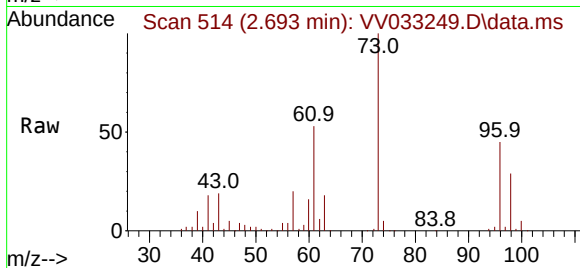




#17
trans-1,2-Dichloroethene
Concen: 50.919 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

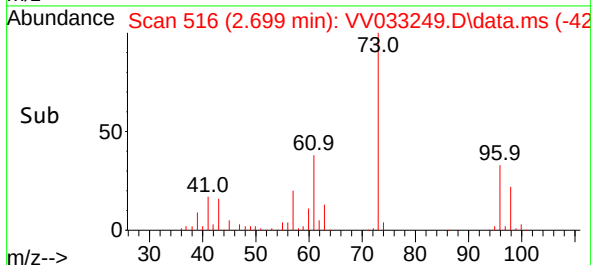
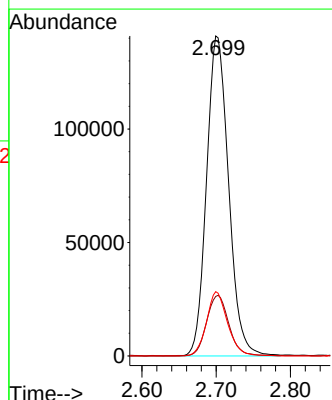
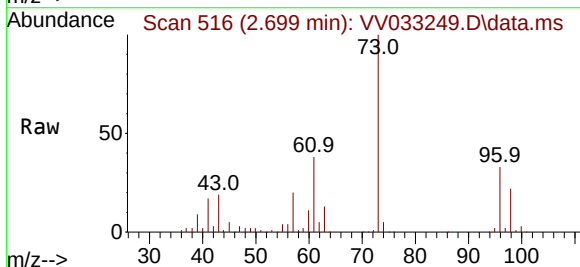
Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

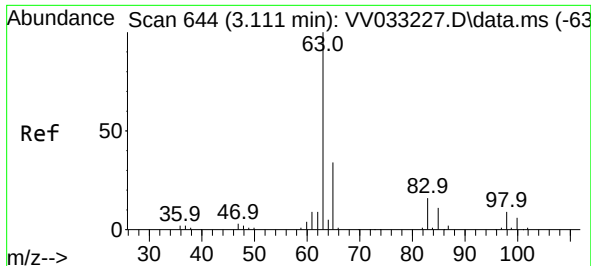
Tgt Ion: 96 Resp: 91666
Ion Ratio Lower Upper
96 100
61 118.2 86.5 160.6
98 65.1 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 53.158 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion: 73 Resp: 290714
Ion Ratio Lower Upper
73 100
43 18.7 15.4 23.2
57 19.2 16.1 24.1

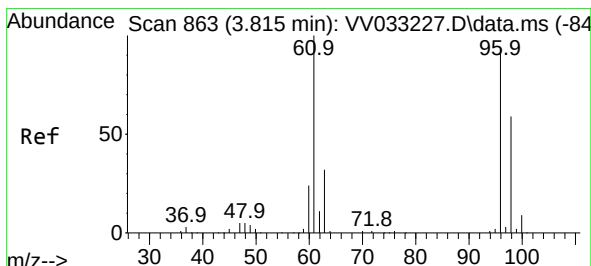
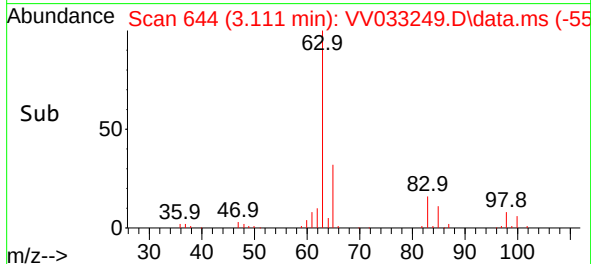
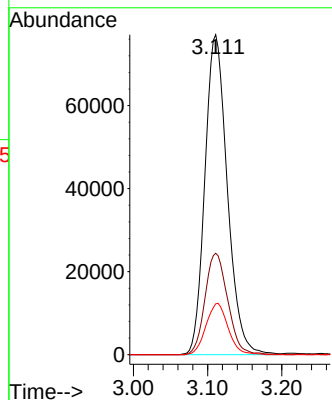
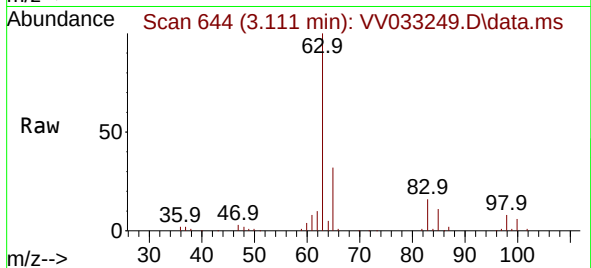




#19
 1,1-Dichloroethane
 Concen: 54.275 ug/L
 RT: 3.111 min Scan# 644
 Delta R.T. 0.003 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

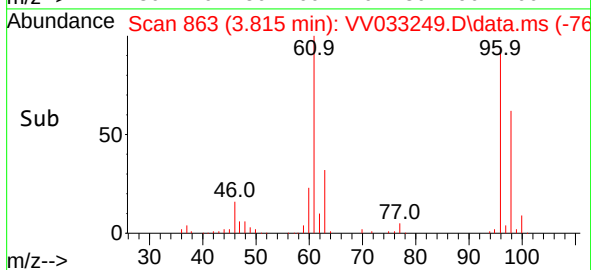
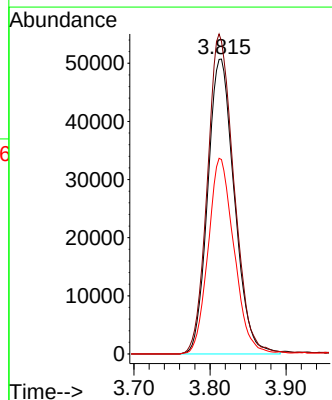
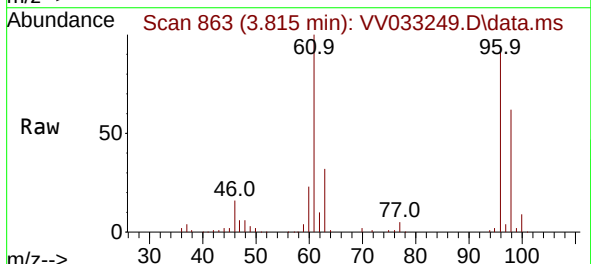
Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF6MS

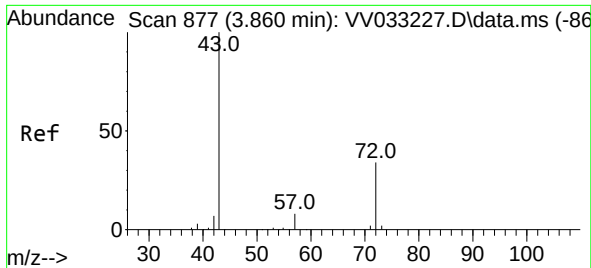
Tgt Ion: 63 Resp: 161719
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.0 42.6
 83 15.9 11.4 21.2



#20
 cis-1,2-Dichloroethene
 Concen: 64.572 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

Tgt Ion: 96 Resp: 123345
 Ion Ratio Lower Upper
 96 100
 61 106.0 79.1 146.9
 98 65.9 45.1 83.7

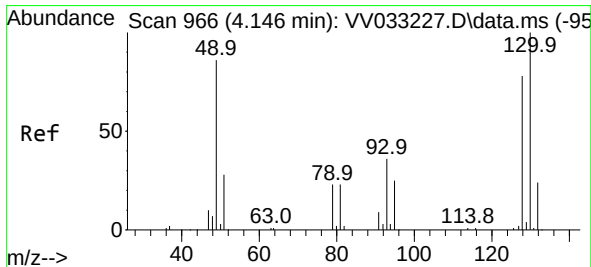
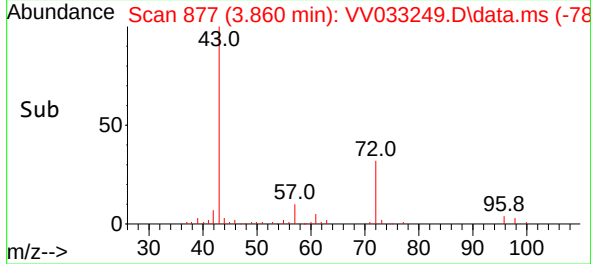
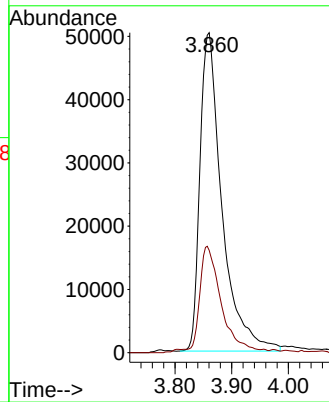
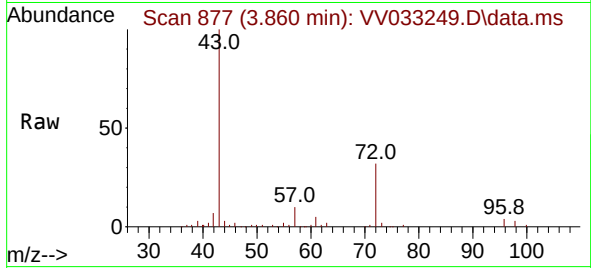




#22
2-Butanone
Concen: 137.607 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

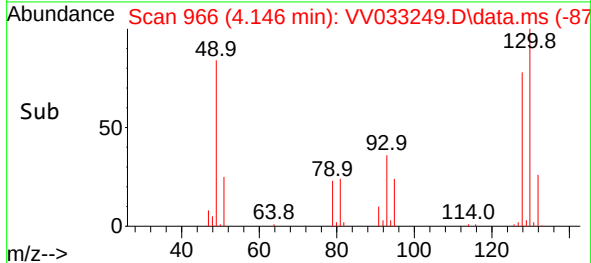
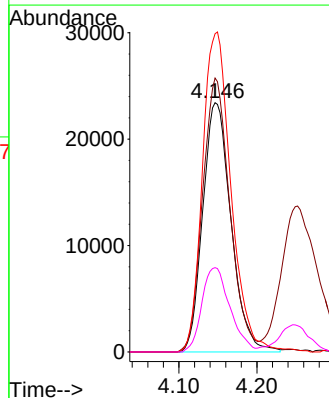
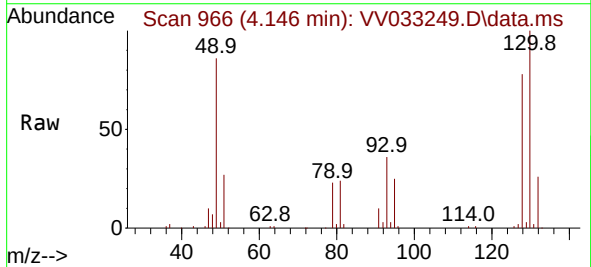
Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

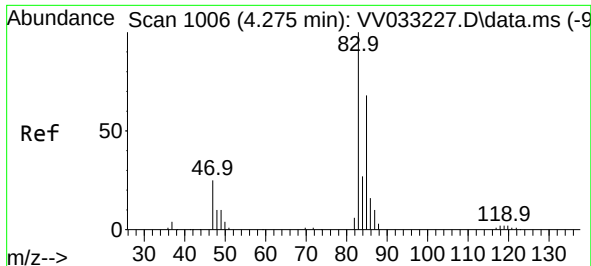
Tgt Ion: 43 Resp: 135754
Ion Ratio Lower Upper
43 100
72 32.0 14.6 43.8



#23
Bromochloromethane
Concen: 53.878 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion:128 Resp: 59095
Ion Ratio Lower Upper
128 100
49 109.8 81.7 151.7
130 127.6 90.1 167.3
51 33.8 30.5 45.7





#25

Chloroform

Concen: 54.993 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

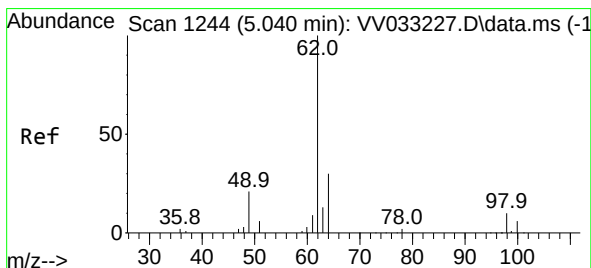
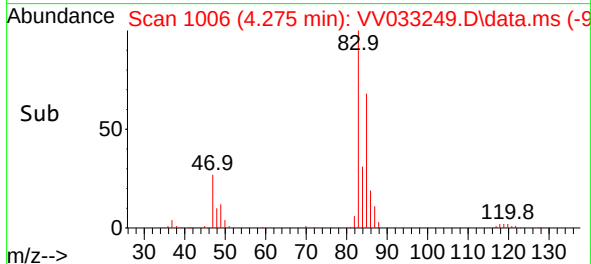
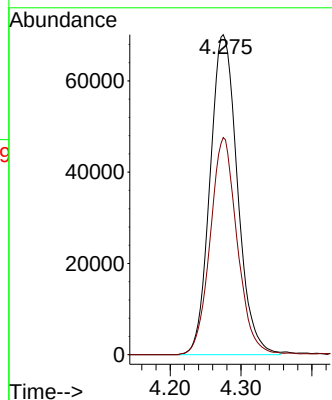
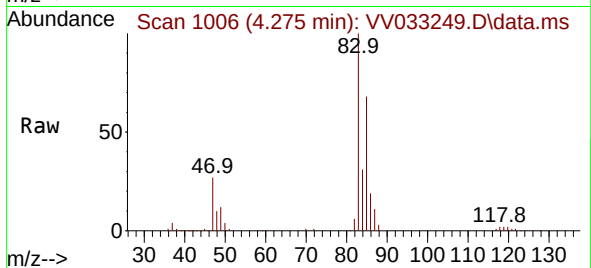
YCHF6MS

Tgt Ion: 83 Resp: 188449

Ion Ratio Lower Upper

83 100

85 67.8 43.5 80.7



#27

1,2-Dichloroethane

Concen: 53.567 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033249.D

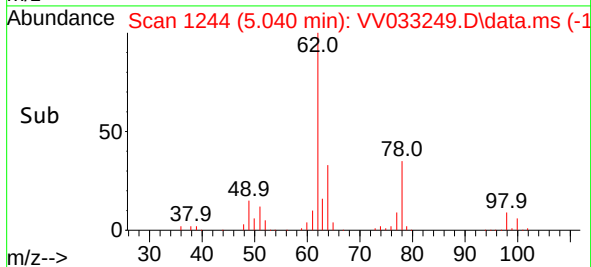
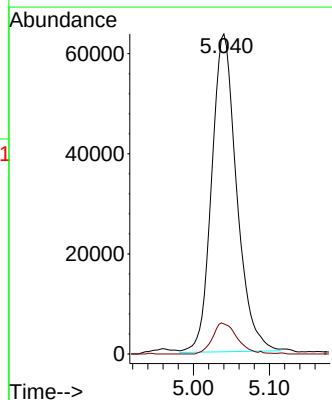
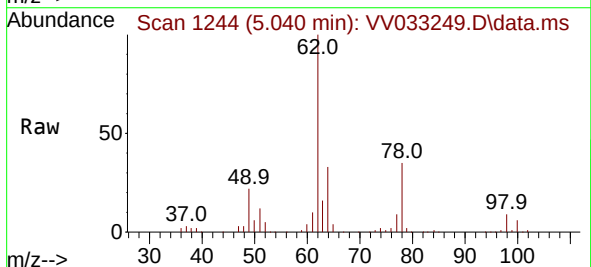
Acq: 12 Dec 2023 05:39

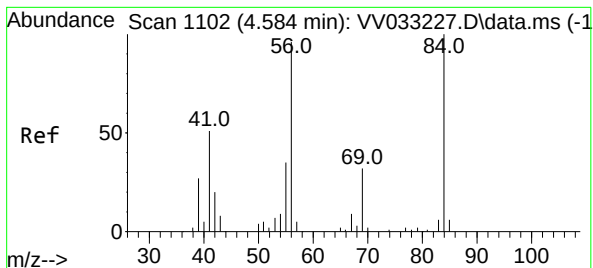
Tgt Ion: 62 Resp: 145053

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8





#29

Cyclohexane

Concen: 46.830 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

YCHF6MS

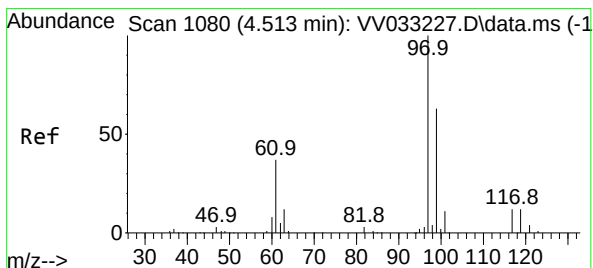
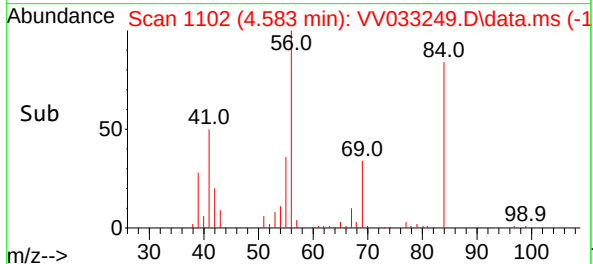
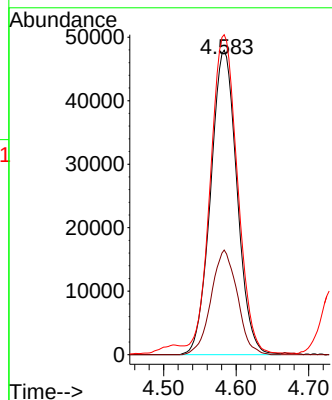
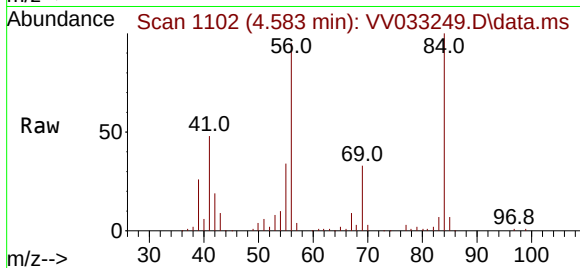
Tgt Ion: 56 Resp: 121177

Ion Ratio Lower Upper

56 100

69 34.1 26.9 40.3

84 106.6 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 56.576 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

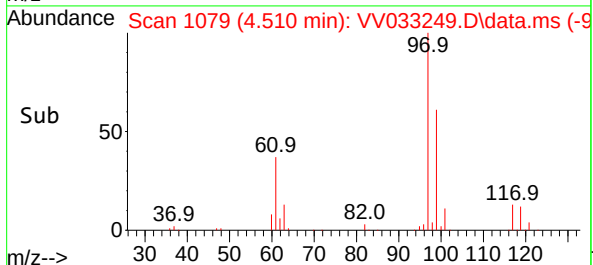
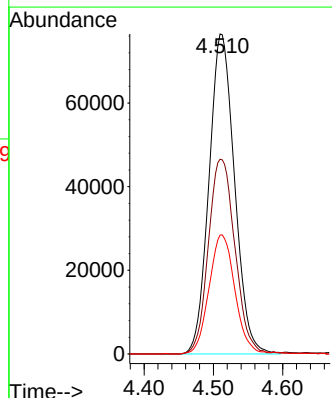
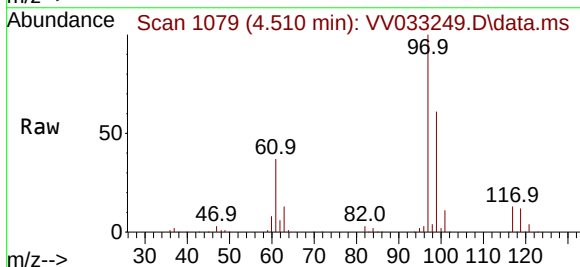
Tgt Ion: 97 Resp: 195883

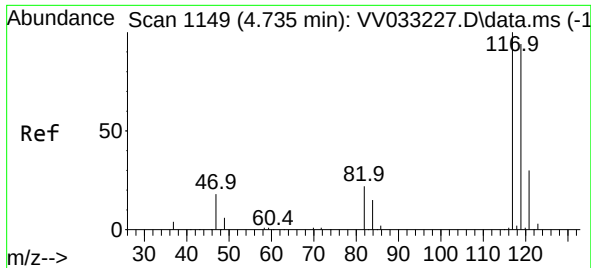
Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 37.6 31.8 47.8

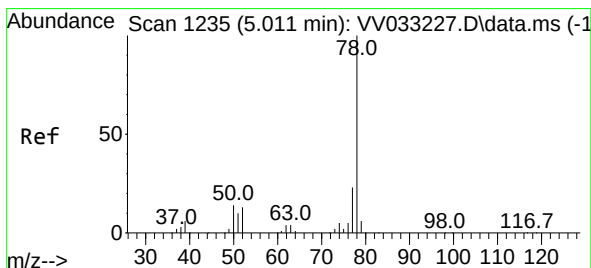
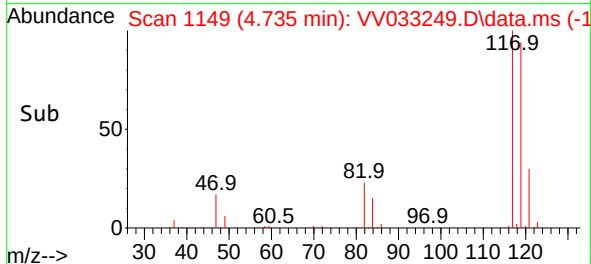
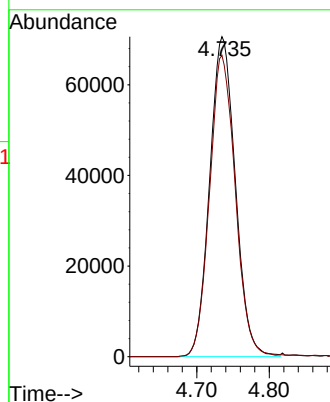
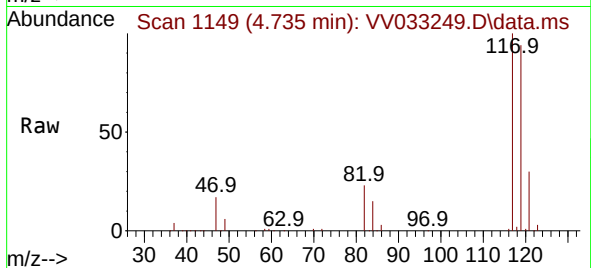




#31
Carbon tetrachloride
Concen: 53.973 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

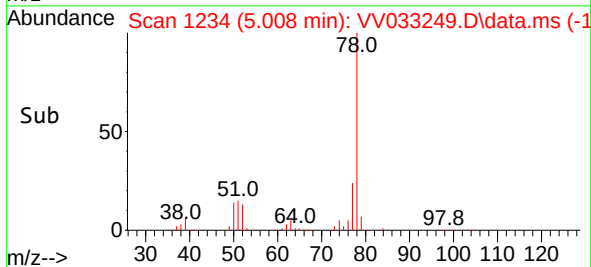
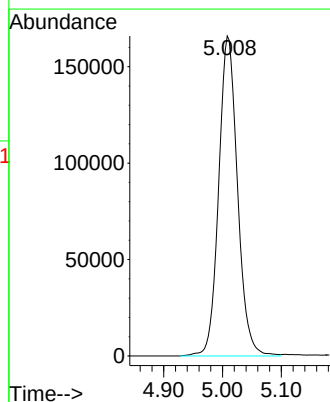
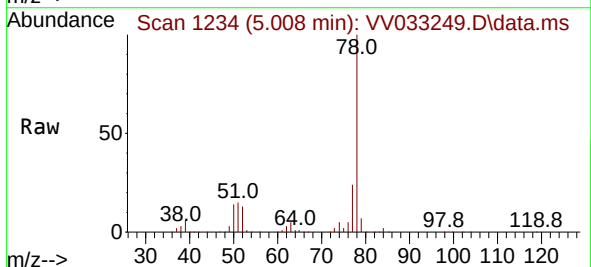
Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

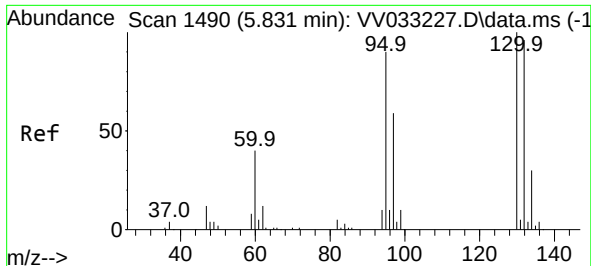
Tgt Ion:117 Resp: 173757
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3



#33
Benzene
Concen: 51.915 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion: 78 Resp: 368560





#34

Trichloroethene

Concen: 97.816 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

YCHF6MS

Tgt Ion: 95 Resp: 207462

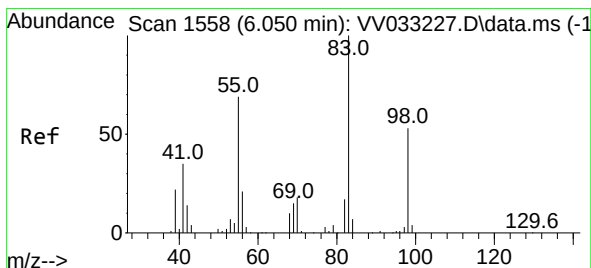
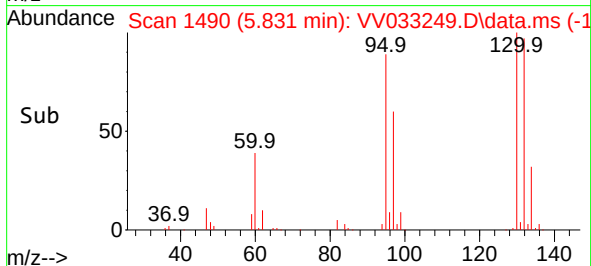
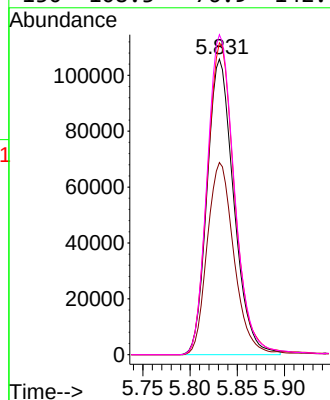
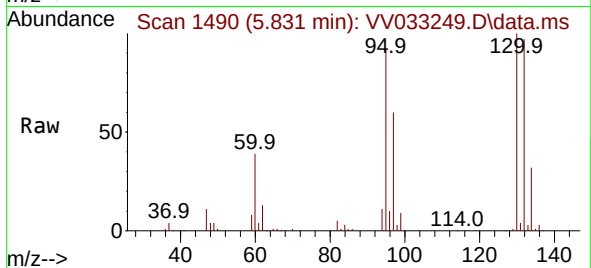
Ion Ratio Lower Upper

95 100

97 65.0 45.8 85.0

132 105.5 77.4 143.8

130 108.3 76.9 142.7



#35

Methylcyclohexane

Concen: 48.995 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

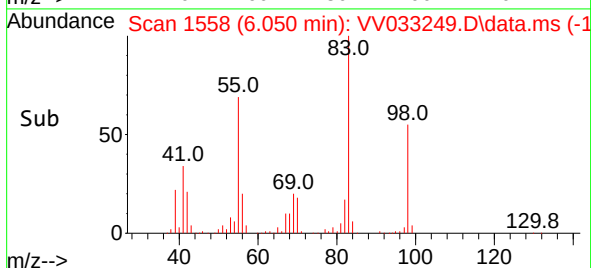
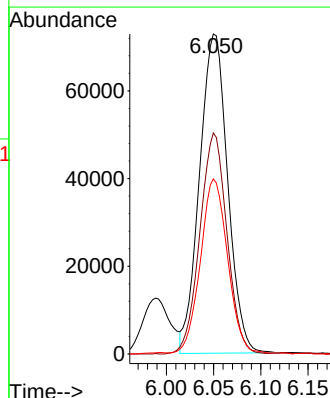
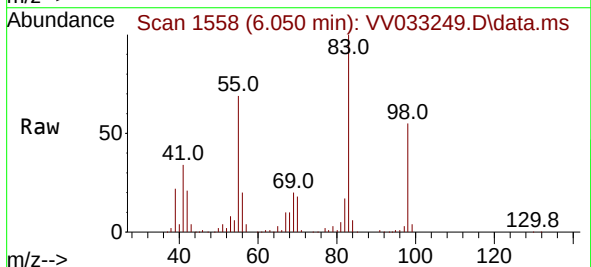
Tgt Ion: 83 Resp: 150817

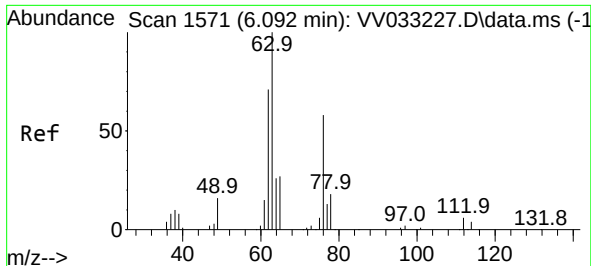
Ion Ratio Lower Upper

83 100

55 66.6 54.8 82.2

98 52.7 41.4 62.0





#37

1,2-Dichloropropane

Concen: 50.990 ug/L

RT: 6.091 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

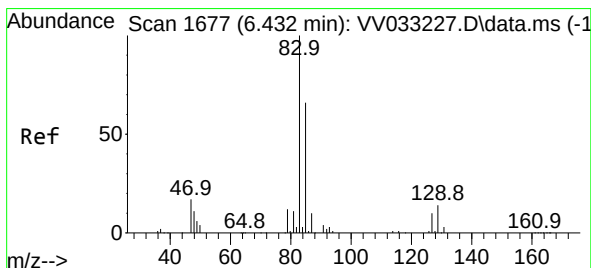
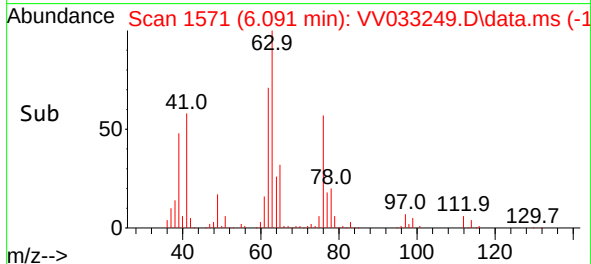
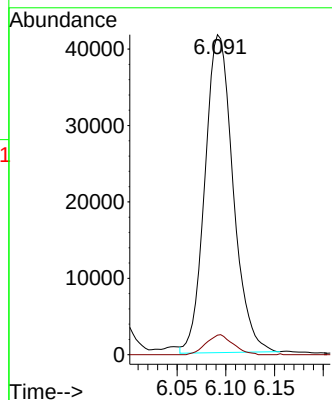
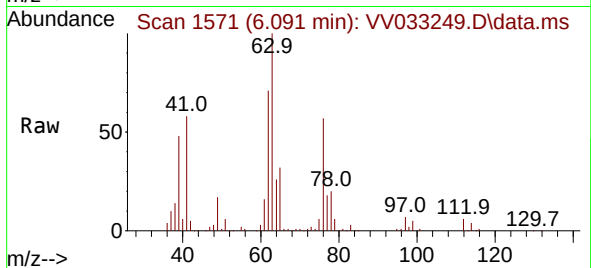
YCHF6MS

Tgt Ion: 63 Resp: 83777

Ion Ratio Lower Upper

63 100

112 6.0 4.6 6.8



#38

Bromodichloromethane

Concen: 53.060 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

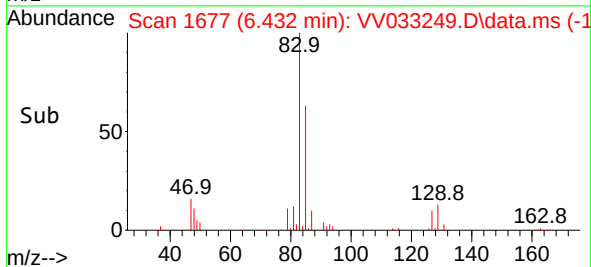
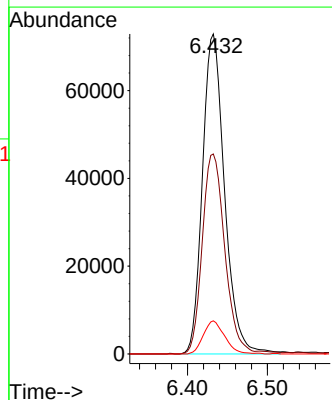
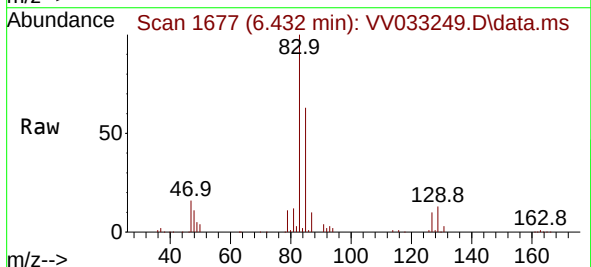
Tgt Ion: 83 Resp: 140543

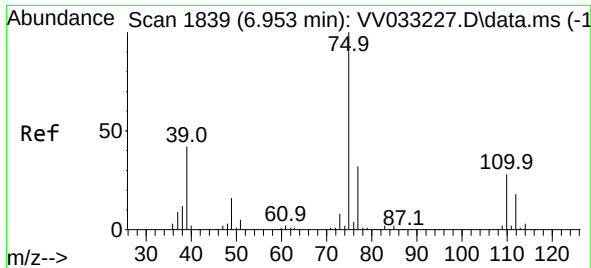
Ion Ratio Lower Upper

83 100

85 62.5 45.6 84.6

127 10.4 7.4 11.2

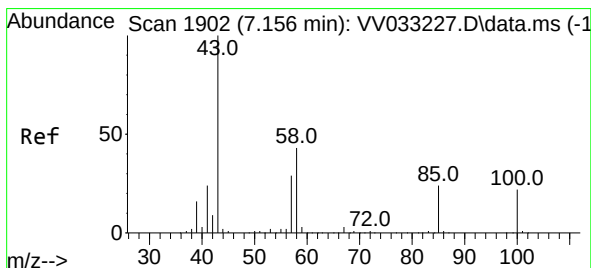
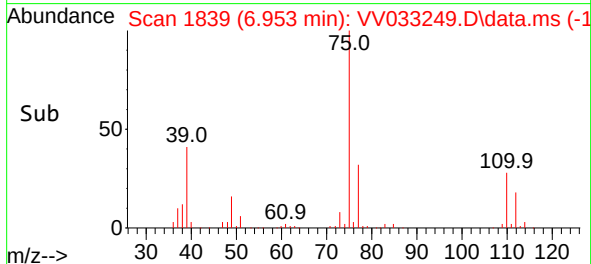
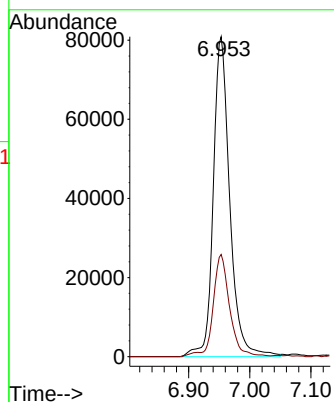
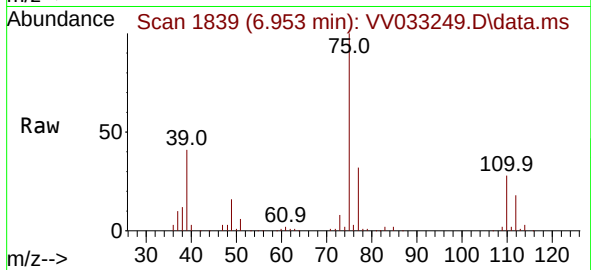




#39
 cis-1,3-Dichloropropene
 Concen: 50.962 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

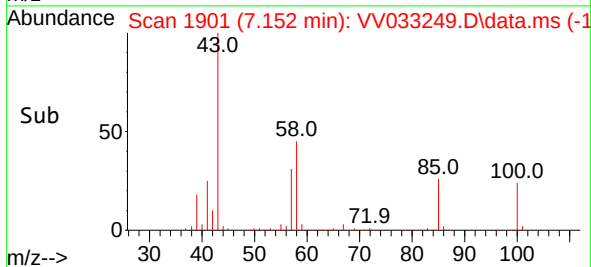
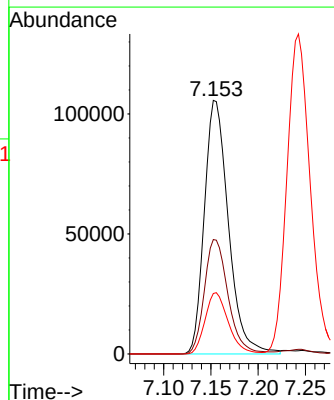
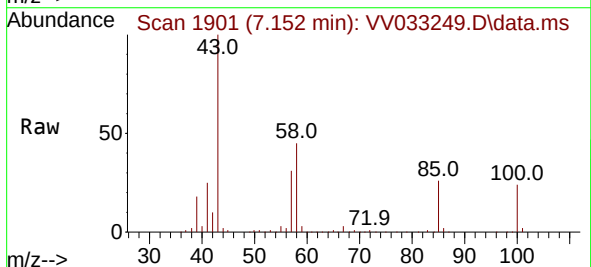
Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF6MS

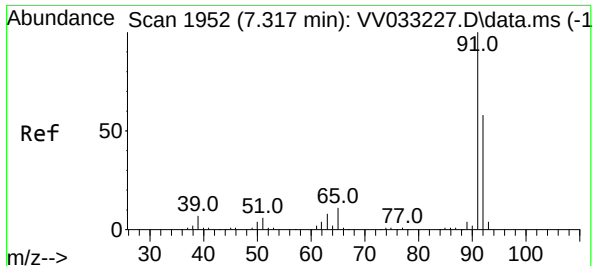
Tgt Ion: 75 Resp: 151935
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 107.539 ug/L
 RT: 7.152 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

Tgt Ion: 43 Resp: 187599
 Ion Ratio Lower Upper
 43 100
 58 44.4 34.5 51.7
 100 23.3 17.0 25.6





#42

Toluene

Concen: 53.839 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

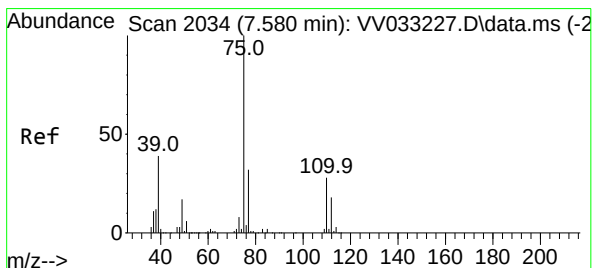
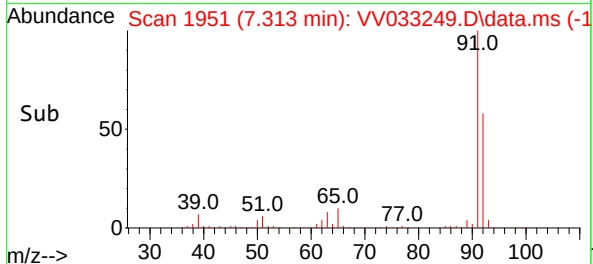
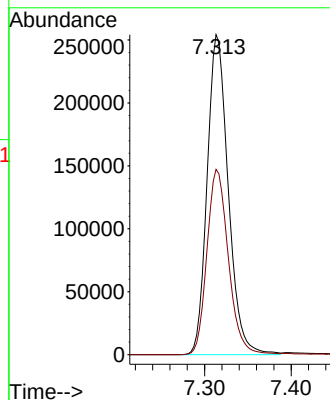
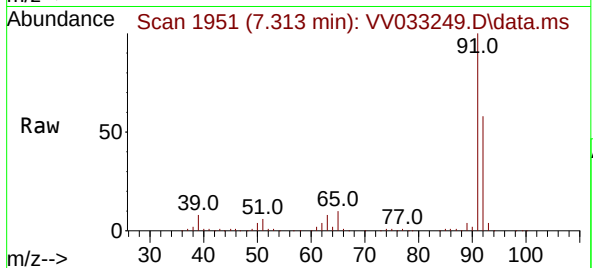
YCHF6MS

Tgt Ion: 91 Resp: 430709

Ion Ratio Lower Upper

91 100

92 57.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 49.765 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033249.D

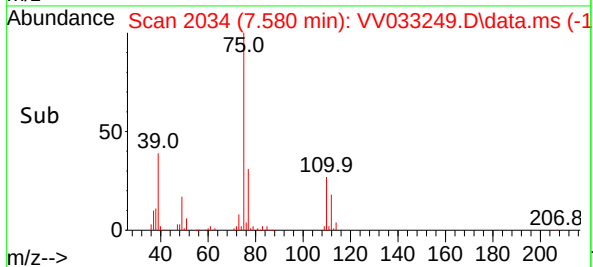
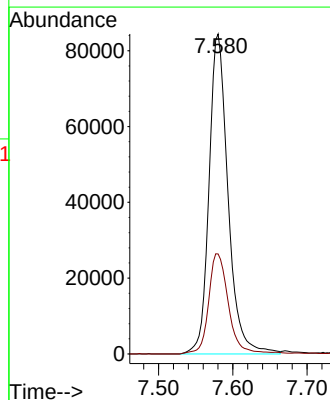
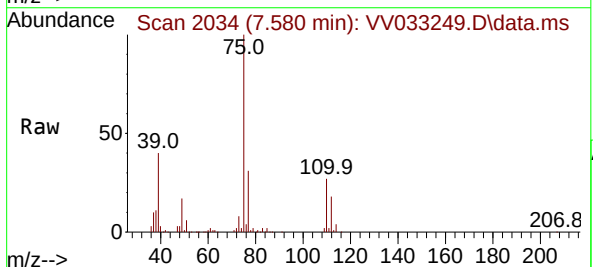
Acq: 12 Dec 2023 05:39

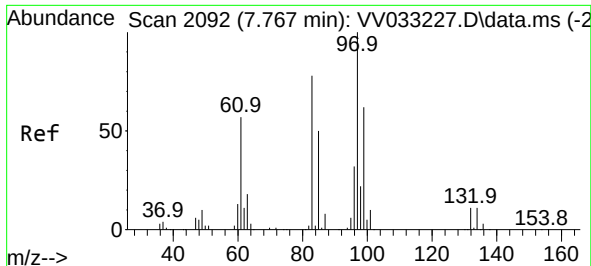
Tgt Ion: 75 Resp: 150026

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0



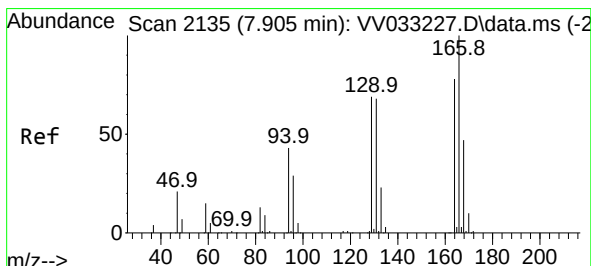
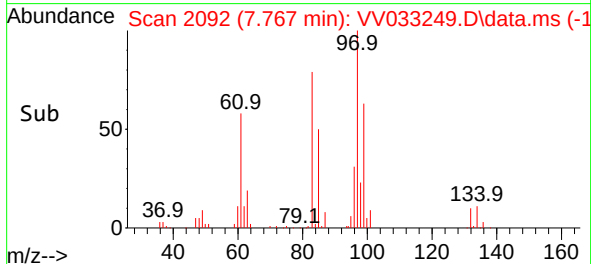
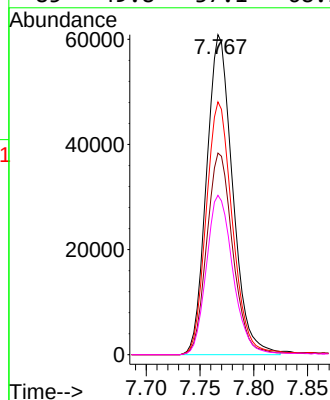
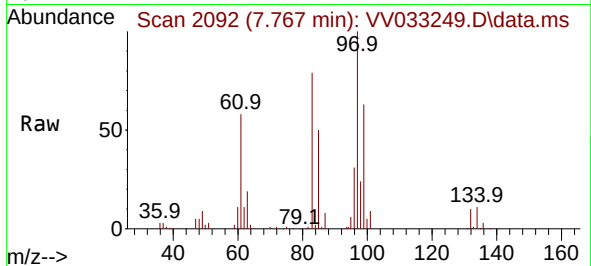


#45
1,1,2-Trichloroethane
Concen: 54.026 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

Tgt Ion: 97 Resp: 102920

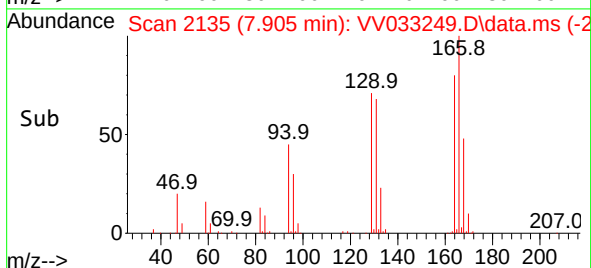
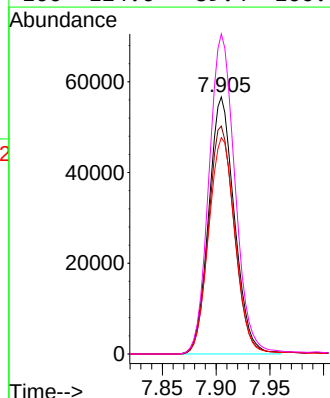
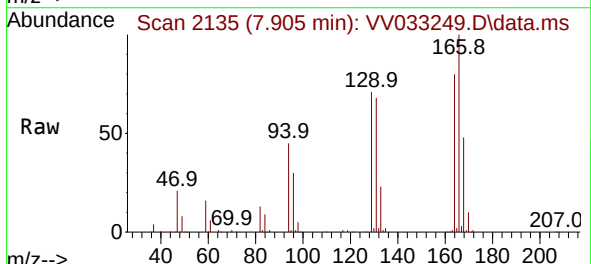
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.2	80.2
83	79.0	55.8	103.6
85	49.8	37.1	68.9

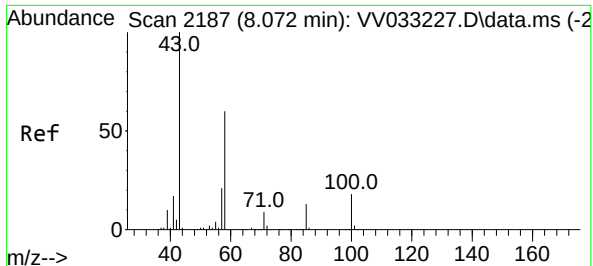


#46
Tetrachloroethene
Concen: 51.664 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion: 164 Resp: 94196

Ion	Ratio	Lower	Upper
164	100		
129	88.7	65.6	121.8
131	84.2	64.7	120.1
166	124.6	89.4	166.0



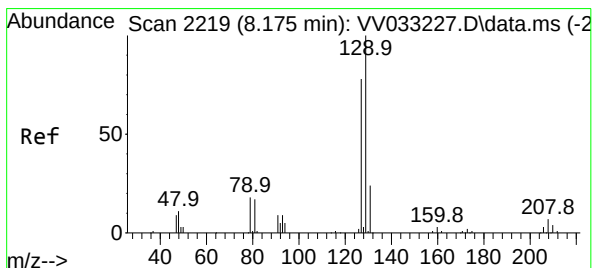
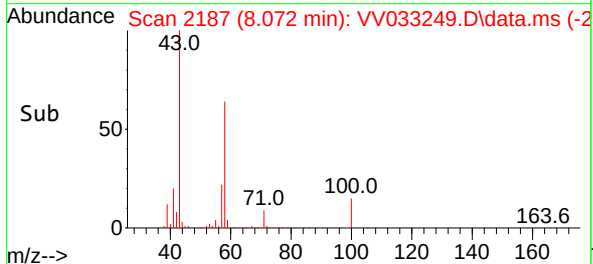
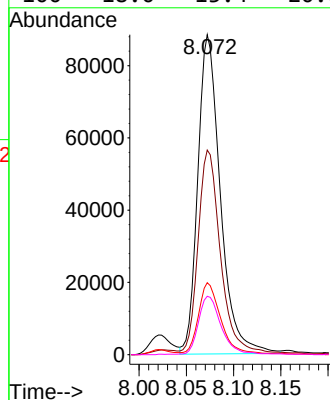
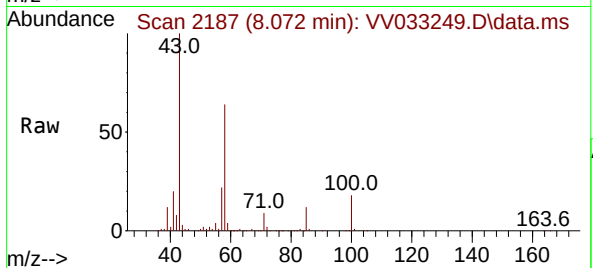


#48
2-Hexanone
Concen: 101.653 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

Tgt Ion: 43 Resp: 147026

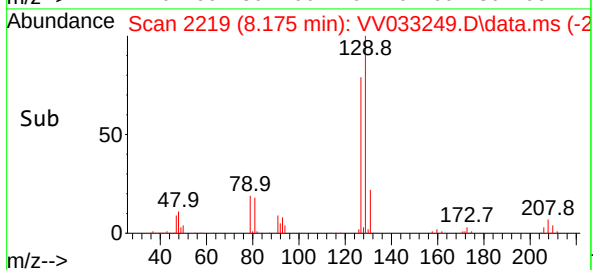
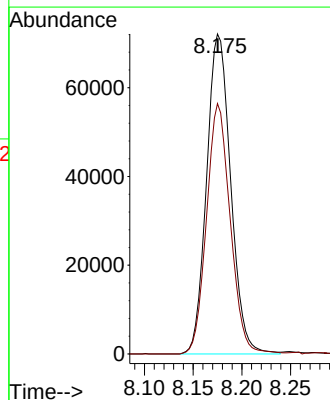
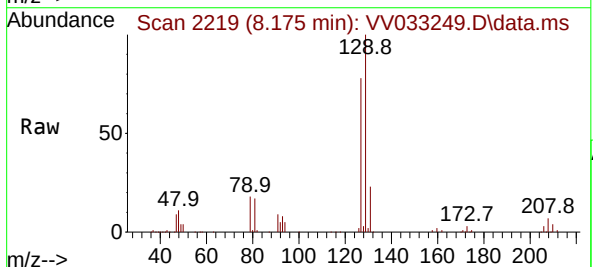
Ion	Ratio	Lower	Upper
43	100		
58	62.9	47.9	71.9
57	22.1	17.4	26.0
100	18.0	13.4	20.0

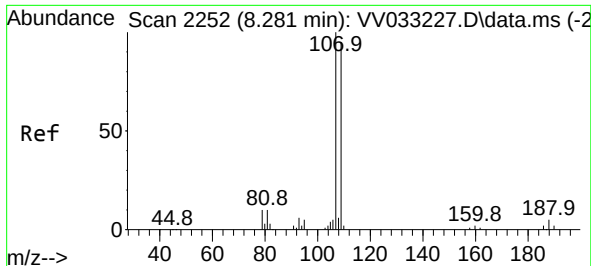


#49
Dibromochloromethane
Concen: 54.621 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion: 129 Resp: 124217

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.1	100.5





#50

1,2-Dibromoethane

Concen: 53.425 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

YCHF6MS

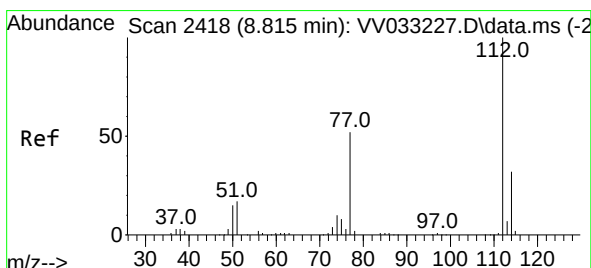
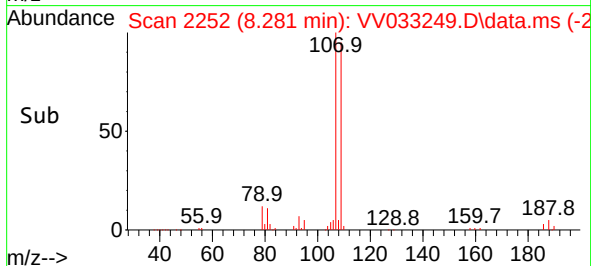
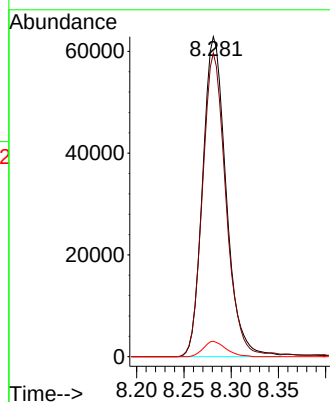
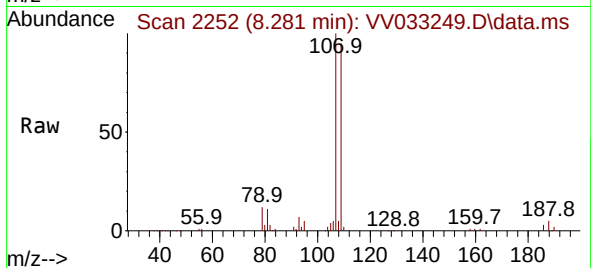
Tgt Ion:107 Resp: 108507

Ion Ratio Lower Upper

107 100

109 94.8 65.2 121.2

188 4.8 3.8 5.6



#51

Chlorobenzene

Concen: 51.686 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

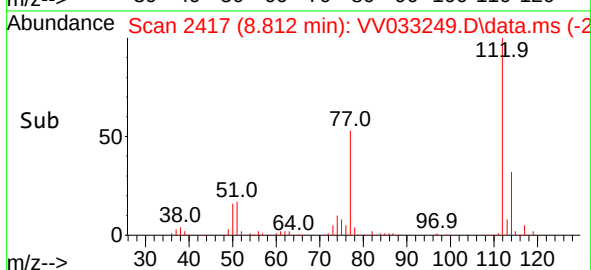
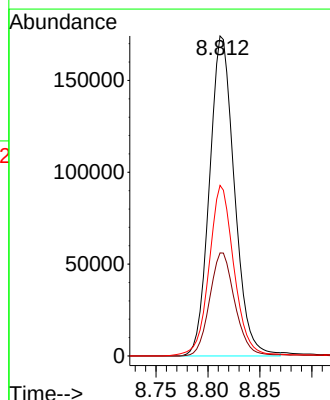
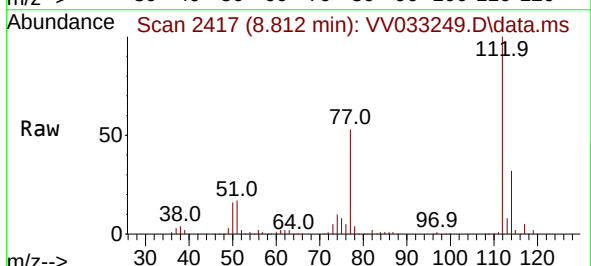
Tgt Ion:112 Resp: 290768

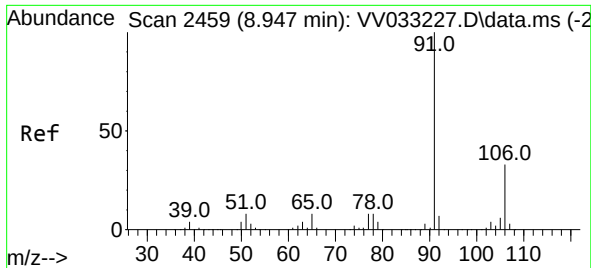
Ion Ratio Lower Upper

112 100

114 32.2 22.9 42.5

77 53.3 42.6 64.0

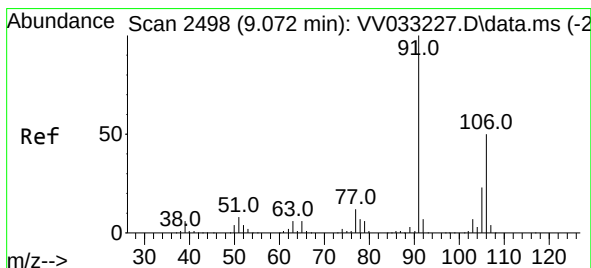
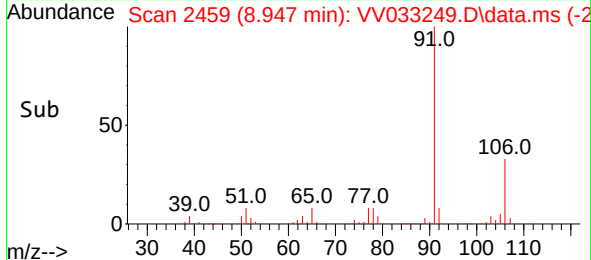
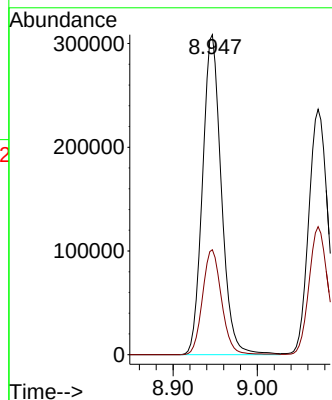
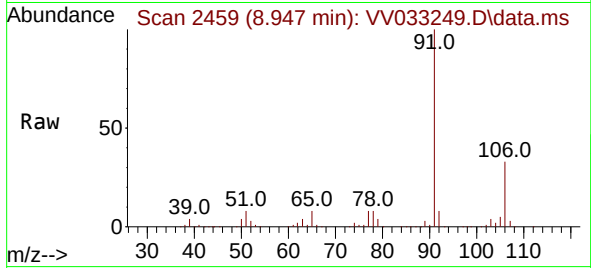




#52
Ethylbenzene
Concen: 52.205 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

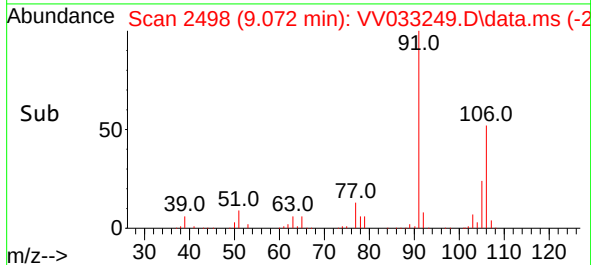
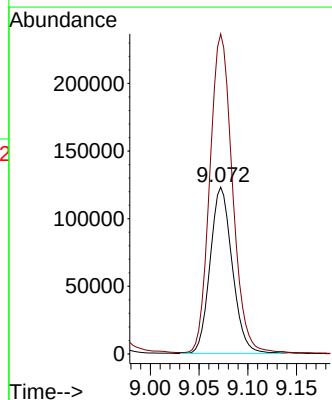
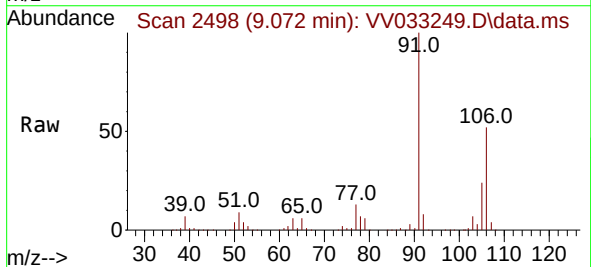
Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

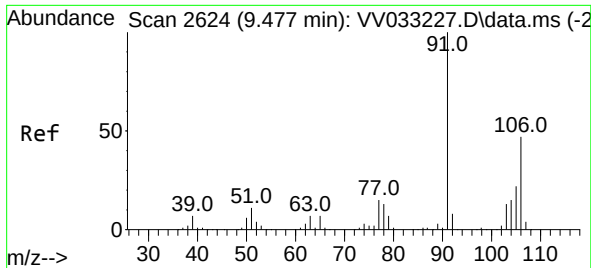
Tgt Ion: 91 Resp: 480715
Ion Ratio Lower Upper
91 100
106 32.8 22.6 42.0



#53
m,p-Xylene
Concen: 53.301 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion: 106 Resp: 194368
Ion Ratio Lower Upper
106 100
91 191.7 145.2 269.6

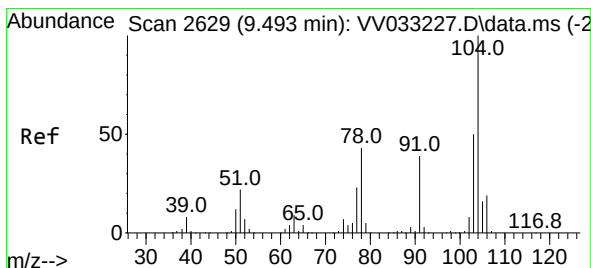
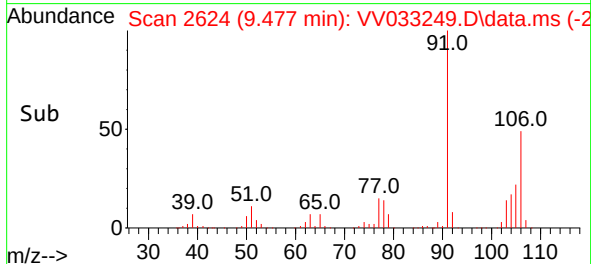
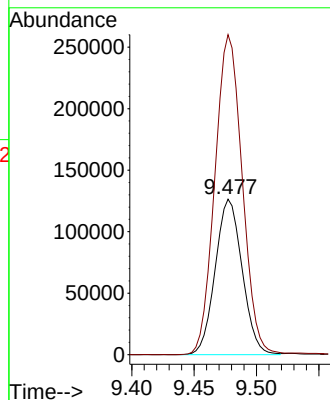
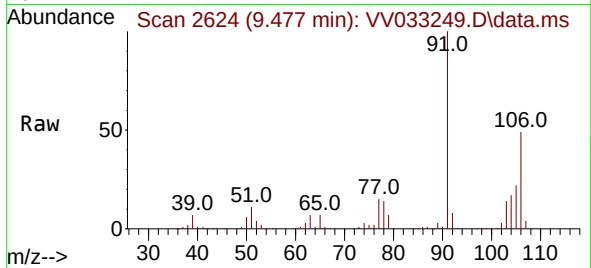




#54
o-Xylene
Concen: 52.884 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

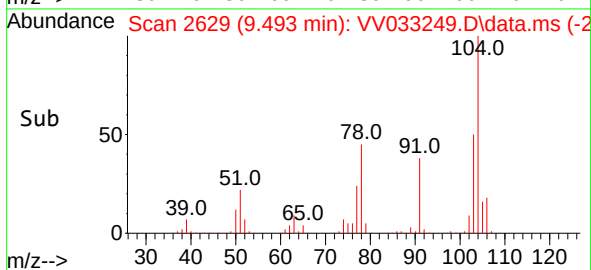
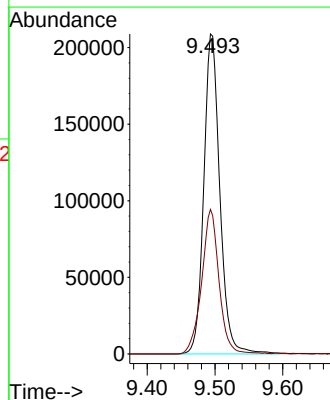
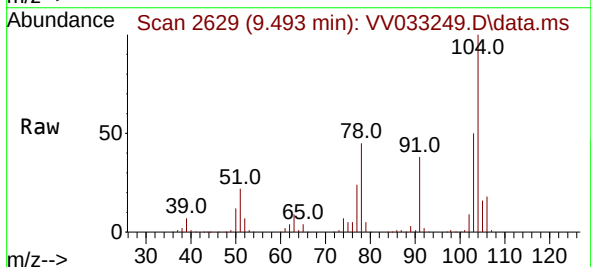
Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

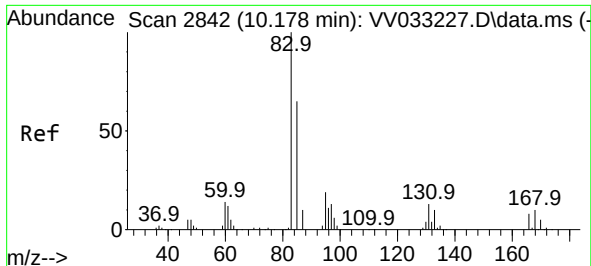
Tgt Ion:106 Resp: 190296
Ion Ratio Lower Upper
106 100
91 205.8 147.8 274.6



#55
Styrene
Concen: 55.202 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion:104 Resp: 343625
Ion Ratio Lower Upper
104 100
78 45.2 30.2 56.0

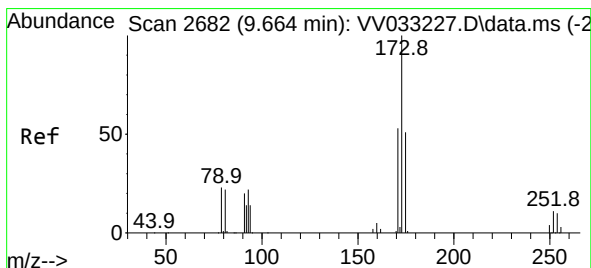
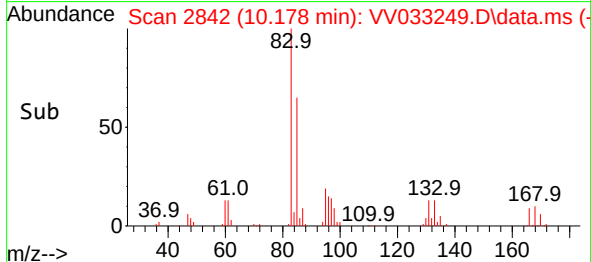
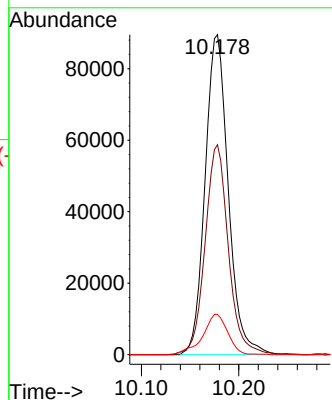
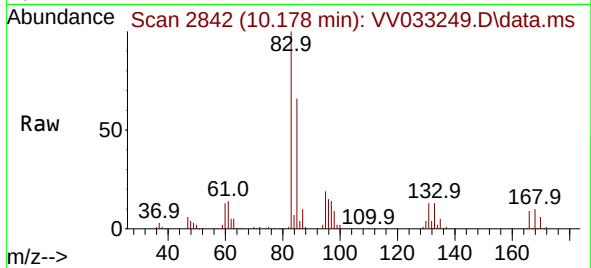




#57
 1,1,2,2-Tetrachloroethane
 Concen: 56.964 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

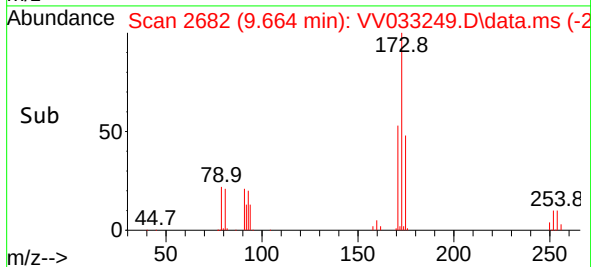
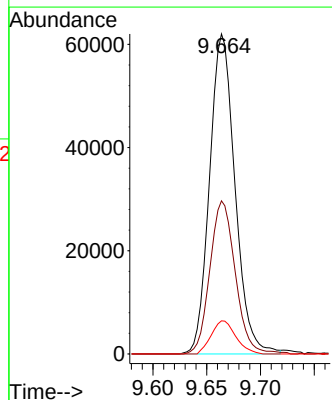
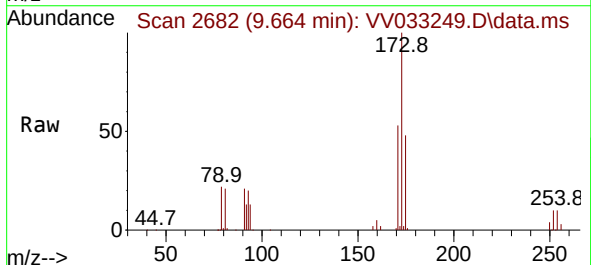
Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF6MS

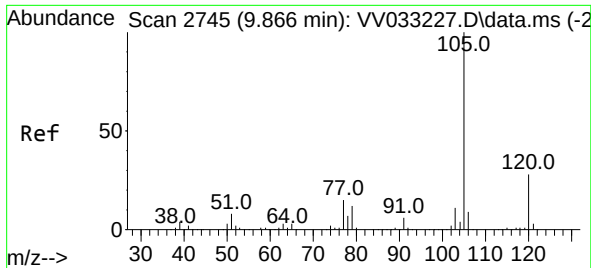
Tgt Ion: 83 Resp: 148265
 Ion Ratio Lower Upper
 83 100
 85 65.6 45.5 84.5
 131 12.6 9.7 14.5



#59
 Bromoform
 Concen: 54.874 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033249.D
 Acq: 12 Dec 2023 05:39

Tgt Ion: 173 Resp: 102003
 Ion Ratio Lower Upper
 173 100
 175 47.4 38.7 58.1
 254 10.0 8.0 12.0

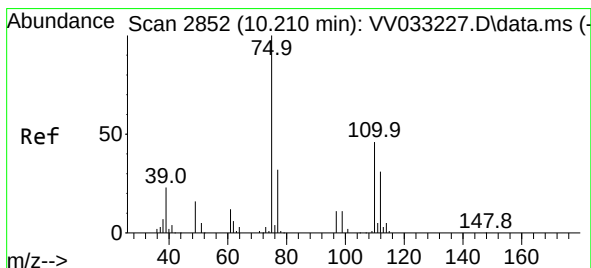
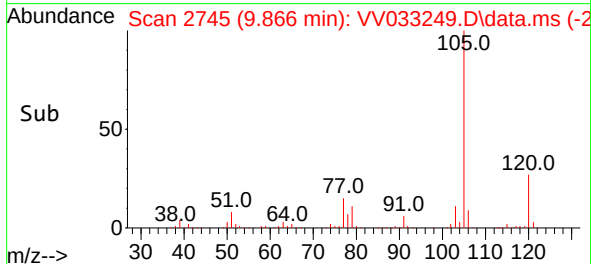
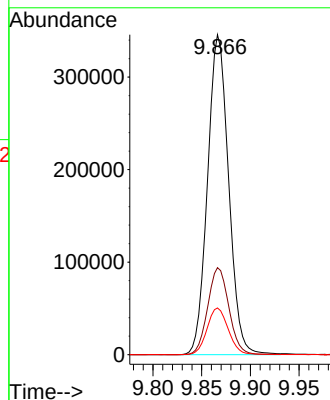
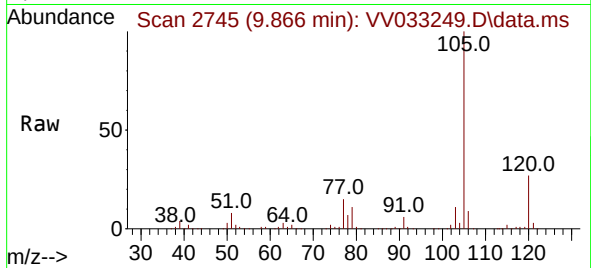




#60
Isopropylbenzene
Concen: 52.858 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

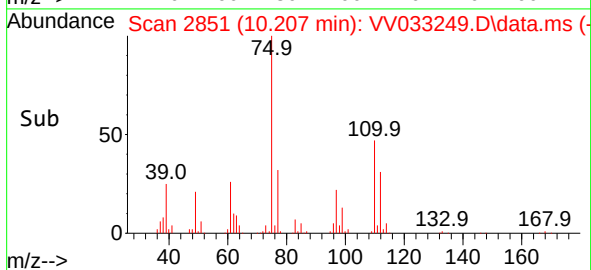
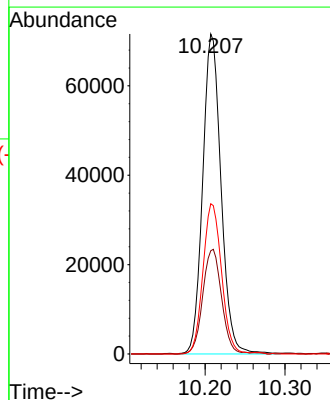
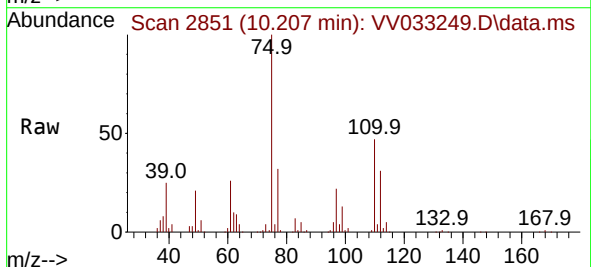
Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

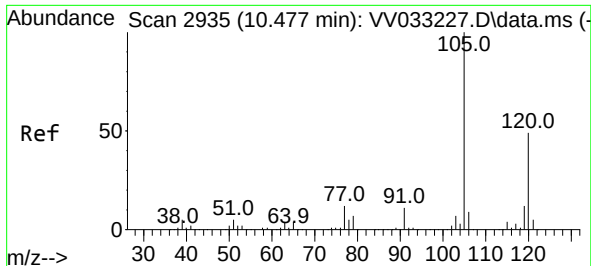
Tgt Ion:105 Resp: 521994
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 53.674 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion: 75 Resp: 114629
Ion Ratio Lower Upper
75 100
77 33.3 27.0 40.6
110 47.4 38.1 57.1





#62

1,3,5-Trimethylbenzene

Concen: 52.696 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

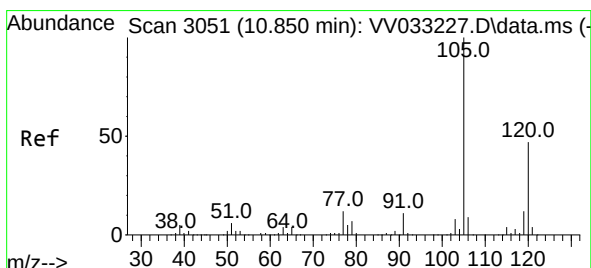
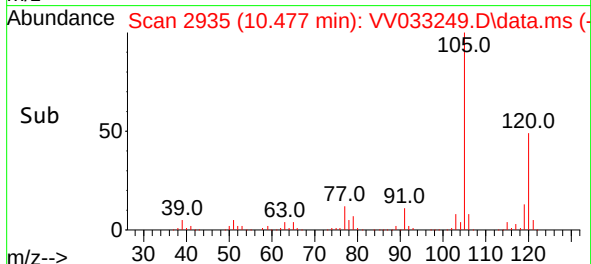
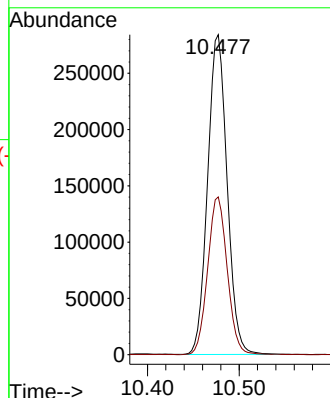
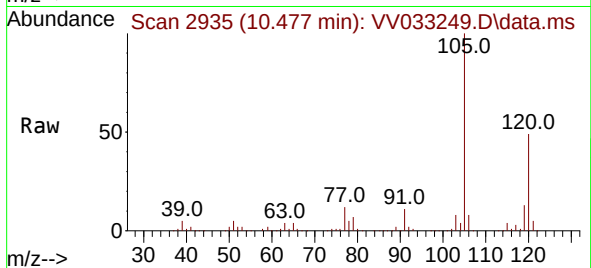
YCHF6MS

Tgt Ion:105 Resp: 419273

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 52.868 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033249.D

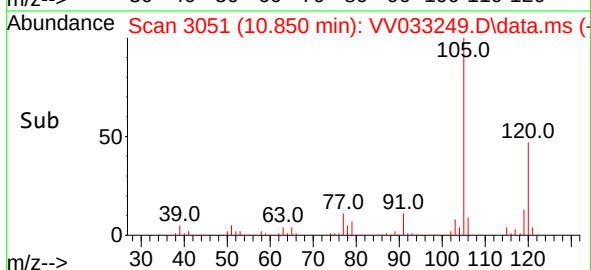
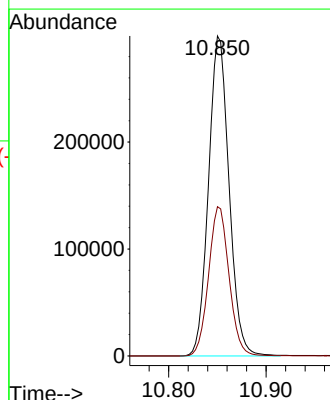
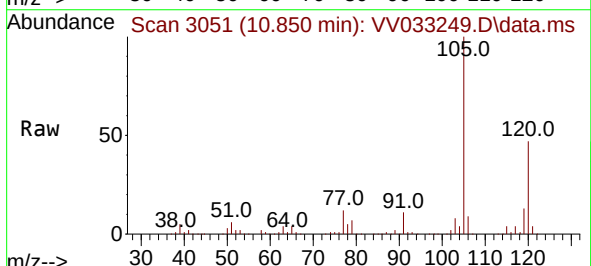
Acq: 12 Dec 2023 05:39

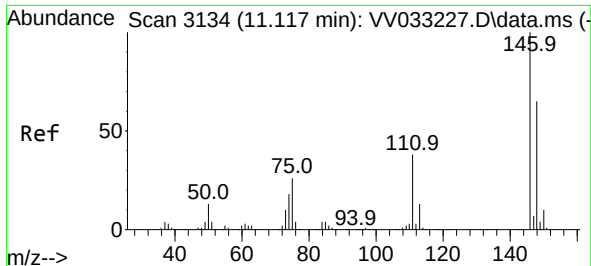
Tgt Ion:105 Resp: 438079

Ion Ratio Lower Upper

105 100

120 46.6 36.7 55.1

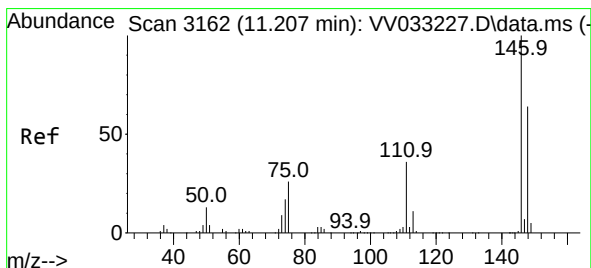
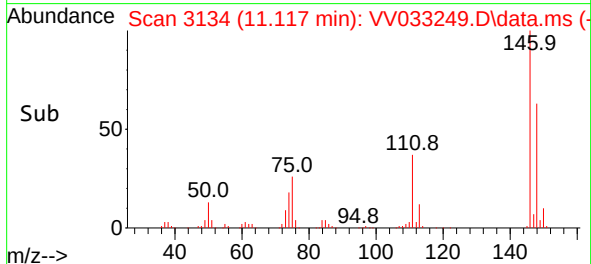
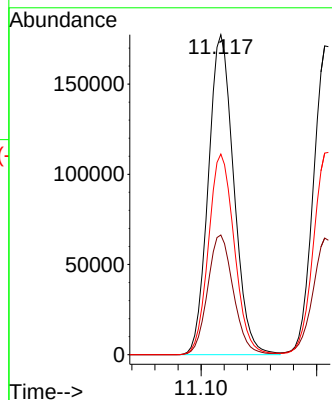
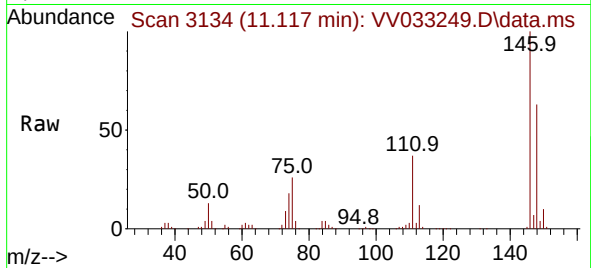




#64
1,3-Dichlorobenzene
Concen: 51.593 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

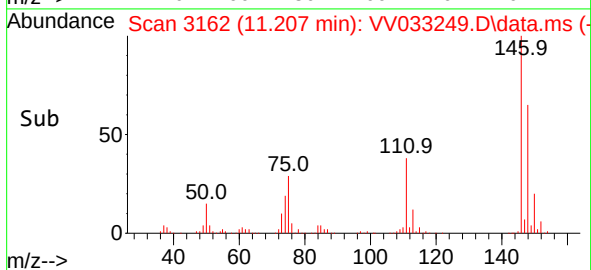
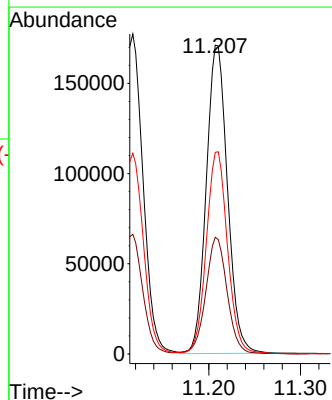
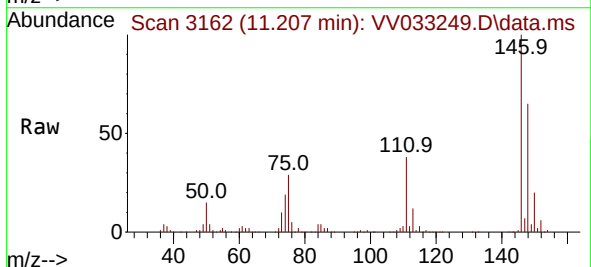
Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

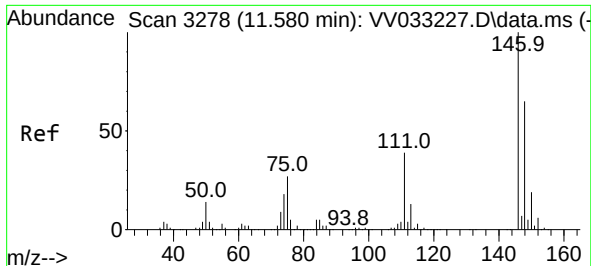
Tgt Ion:146 Resp: 272200
Ion Ratio Lower Upper
146 100
111 37.4 26.2 48.6
148 62.7 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 50.192 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion:146 Resp: 275074
Ion Ratio Lower Upper
146 100
111 37.8 25.9 48.1
148 65.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 53.325 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

YCHF6MS

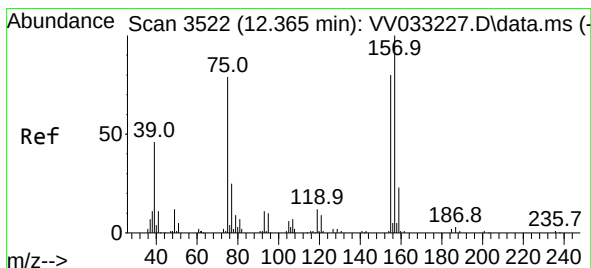
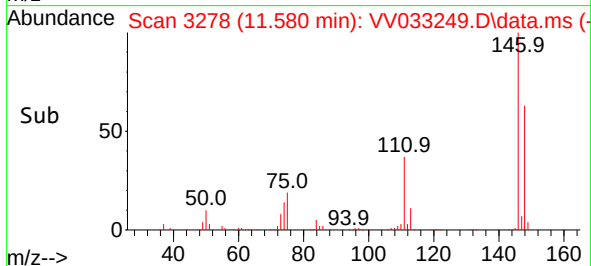
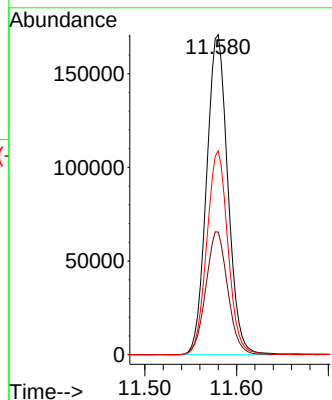
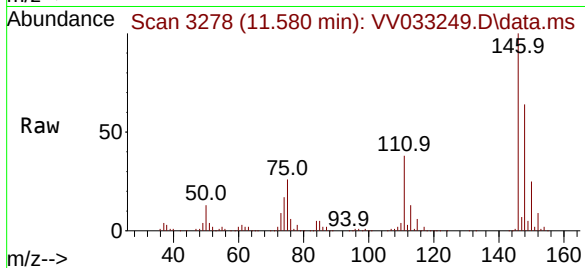
Tgt Ion:146 Resp: 275812

Ion Ratio Lower Upper

146 100

111 38.3 32.4 48.6

148 63.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 54.847 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

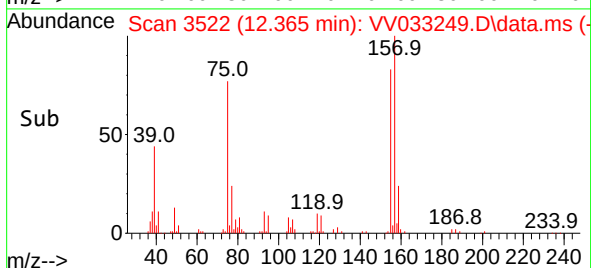
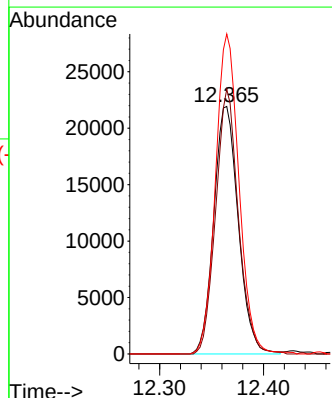
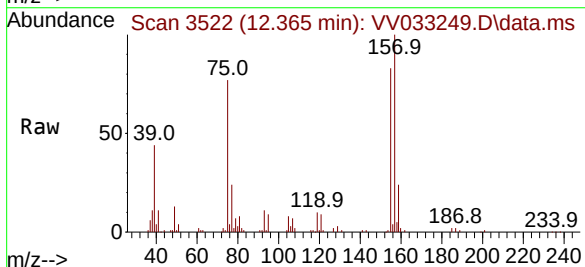
Tgt Ion: 75 Resp: 35941

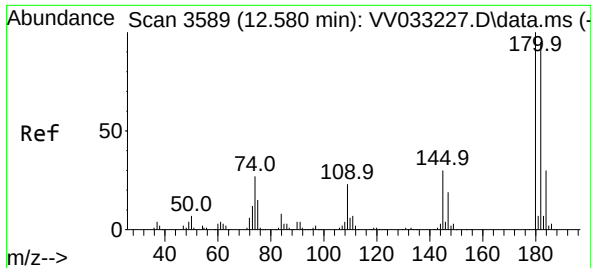
Ion Ratio Lower Upper

75 100

155 107.0 75.8 113.6

157 129.3 95.4 143.0





#69

1,3,5-Trichlorobenzene

Concen: 48.231 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

Instrument :

MSVOA_V

ClientSampleId :

YCHF6MS

Tgt Ion:180 Resp: 203825

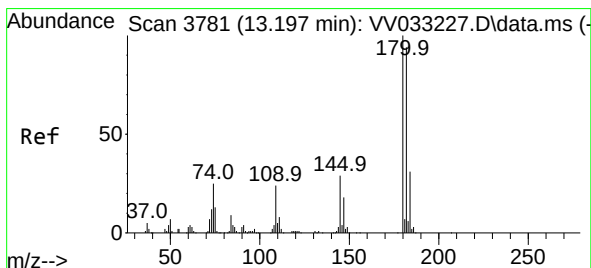
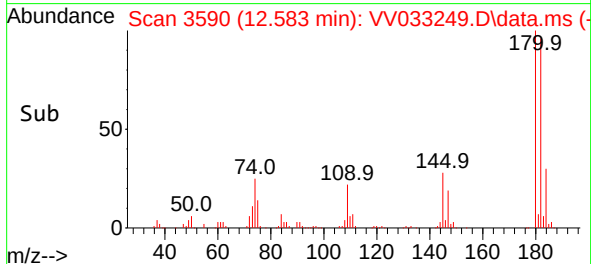
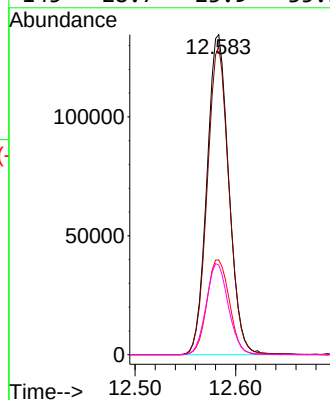
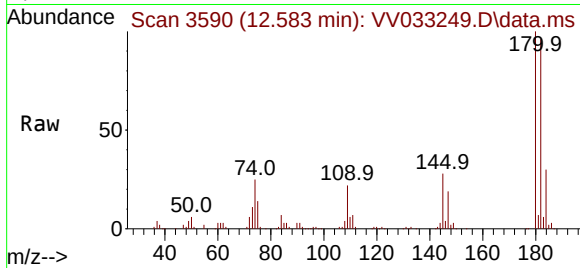
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

184 30.5 24.2 36.4

145 28.7 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 48.784 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033249.D

Acq: 12 Dec 2023 05:39

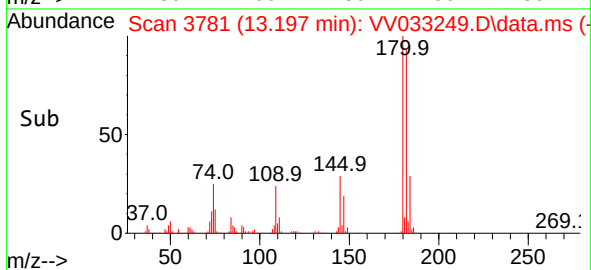
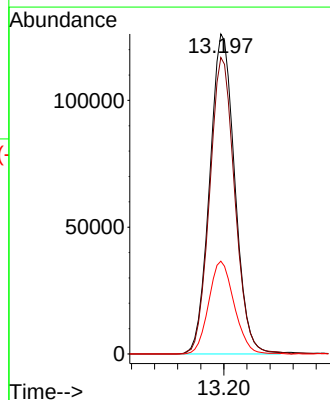
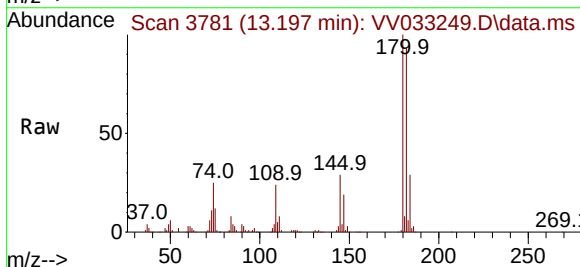
Tgt Ion:180 Resp: 190472

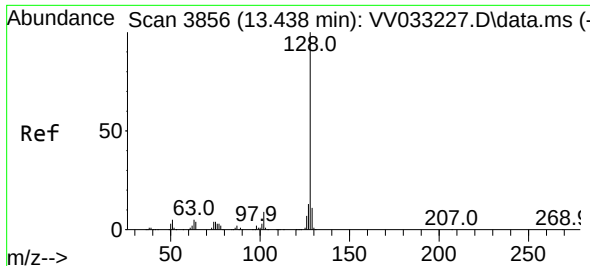
Ion Ratio Lower Upper

180 100

182 92.8 76.3 114.5

145 29.4 23.4 35.0

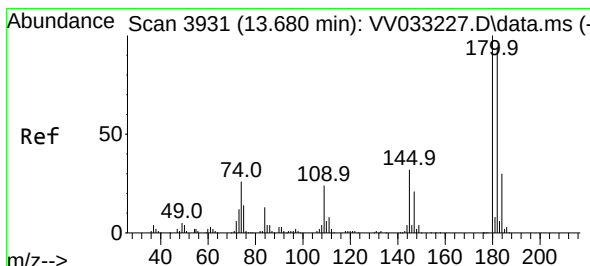
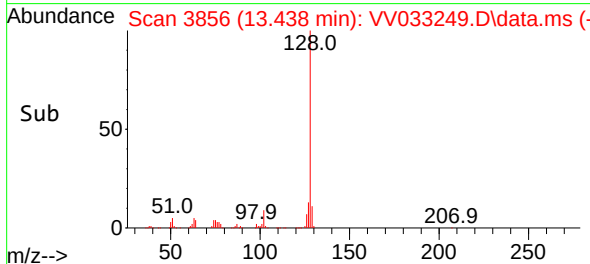
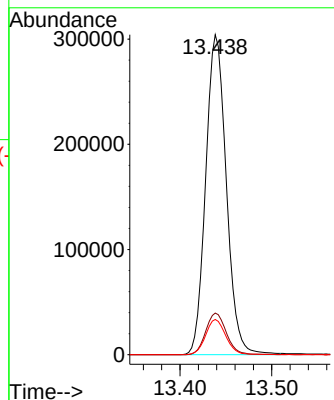
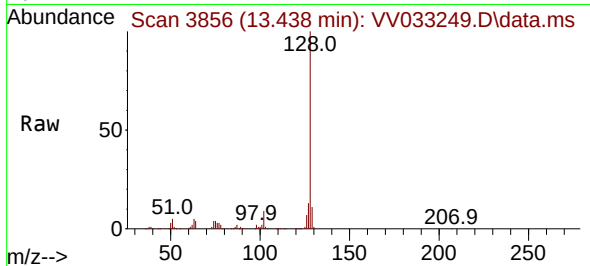




#71
Naphthalene
Concen: 49.929 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Instrument :
MSVOA_V
ClientSampleId :
YCHF6MS

Tgt Ion:	128	Resp:	475409
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.772 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033249.D
Acq: 12 Dec 2023 05:39

Tgt Ion:	180	Resp:	195045
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.2	112.8
145	31.4	24.9	37.3

