

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033226.D
 Acq On : 11 Dec 2023 20:23
 Operator : SY/MD
 Sample : 05685-15MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCH84MSD

Quant Time: Dec 12 00:44:11 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	281386	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	283344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63075	37.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.000%
7) Chloroethane-d5	1.529	69	51579	44.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.020%
11) 1,1-Dichloroethene-d2	2.060	65	26852	41.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.920%
21) 2-Butanone-d5	3.780	46	91110	109.051	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.050%
24) Chloroform-d	4.249	84	170047	47.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
26) 1,2-Dichloroethane-d4	4.940	65	108126	48.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
32) Benzene-d6	4.960	84	301214	45.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
36) 1,2-Dichloropropane-d6	5.989	67	83216	46.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	7.243	98	296320	46.874	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
43) trans-1,3-Dichloroprop...	7.551	79	51429	45.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.300%
47) 2-Hexanone-d5	8.021	63	79652	111.276	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.280%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	140148	55.332	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.660%
66) 1,2-Dichlorobenzene-d4	11.561	152	149441	48.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	143461	46.643	ug/L	99
3) Chloromethane	1.214	50	102826	50.689	ug/L	99
5) Vinyl chloride	1.281	62	97685	50.210	ug/L	97
6) Bromomethane	1.484	94	66502	52.384	ug/L	100
8) Chloroethane	1.548	64	54462	52.580	ug/L	100
9) Trichlorofluoromethane	1.712	101	169811	52.896	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	78404	52.008	ug/L	98
12) 1,1-Dichloroethene	2.069	96	75156	53.275	ug/L	93
13) Acetone	2.108	43	59194	74.215	ug/L	99
14) Carbon disulfide	2.240	76	234535	46.339	ug/L	100
15) Methyl Acetate	2.368	43	69196	52.052	ug/L	97
16) Methylene chloride	2.445	84	94759	50.727	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	93689	50.582	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	305163	54.235	ug/L	99
19) 1,1-Dichloroethane	3.111	63	156532	51.060	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	106209	54.041	ug/L	98
22) 2-Butanone	3.860	43	95889	94.470	ug/L	94
23) Bromochloromethane	4.143	128	59498	52.723	ug/L	97
25) Chloroform	4.275	83	187477	53.174	ug/L	94

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

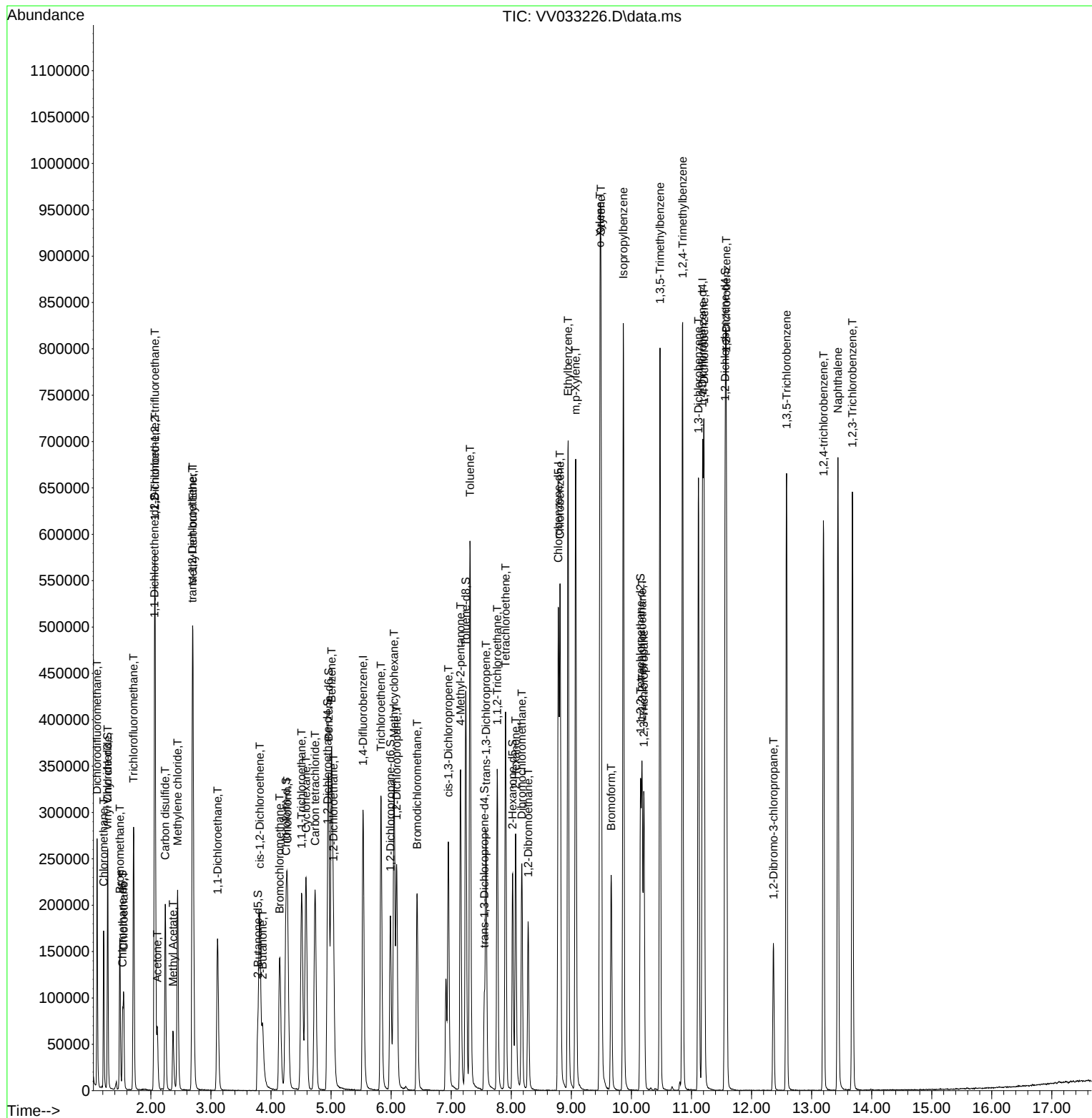
27) 1,2-Dichloroethane	5.040	62	149416	53.630	ug/L	100
29) Cyclohexane	4.584	56	119439	45.638	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	182289	52.057	ug/L	98
31) Carbon tetrachloride	4.735	117	172863	53.091	ug/L	99
33) Benzene	5.008	78	376430	52.426	ug/L	100
34) Trichloroethene	5.831	95	107531	50.129	ug/L	99
35) Methylcyclohexane	6.050	83	150067	48.202	ug/L	99
37) 1,2-Dichloropropane	6.092	63	86852	52.266	ug/L #	91
38) Bromodichloromethane	6.432	83	144893	54.086	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	159224	52.805	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	201728	114.336	ug/L	99
42) Toluene	7.313	91	437495	54.071	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	159442	52.293	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	105416	54.713	ug/L	99
46) Tetrachloroethene	7.905	164	93861	50.901	ug/L	97
48) 2-Hexanone	8.072	43	154988	105.952	ug/L	98
49) Dibromochloromethane	8.175	129	127761	55.547	ug/L	100
50) 1,2-Dibromoethane	8.281	107	114831	55.902	ug/L	97
51) Chlorobenzene	8.812	112	302171	53.108	ug/L	99
52) Ethylbenzene	8.947	91	492975	52.933	ug/L	99
53) m,p-Xylene	9.072	106	195208	52.928	ug/L	98
54) o-Xylene	9.477	106	194541	53.455	ug/L	99
55) Styrene	9.493	104	348366	55.333	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	150652	57.230	ug/L	99
59) Bromoform	9.664	173	105765	56.128	ug/L	99
60) Isopropylbenzene	9.866	105	531409	53.083	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	120672	55.739	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	419074	51.958	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	450036	53.576	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	276833	51.761	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	282788	50.901	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	276513	52.737	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	37651	56.678	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	210504	49.137	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	195234	49.327	ug/L	99
71) Naphthalene	13.438	128	540038	55.949	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	200345	52.459	ug/L	98

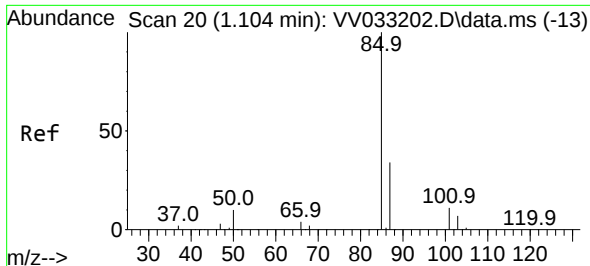
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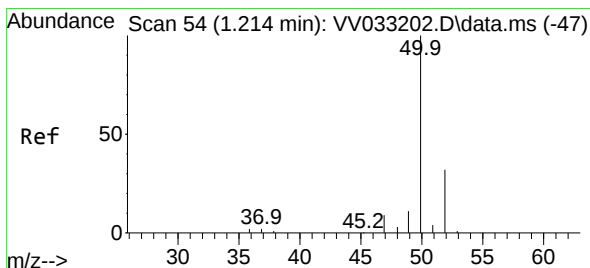
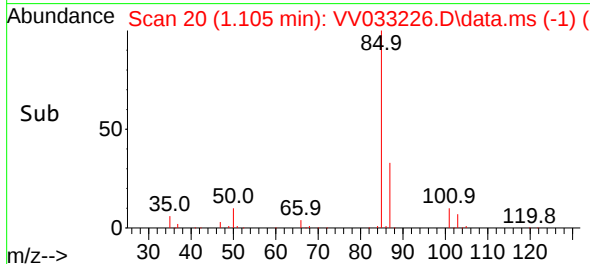
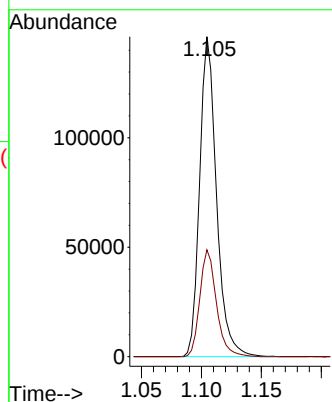
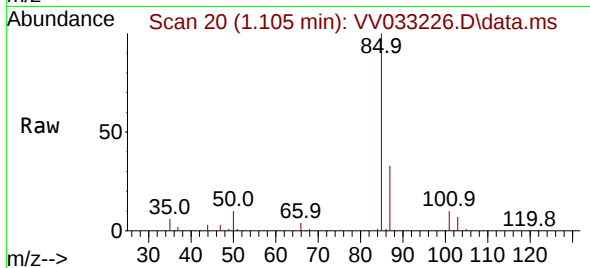




#2
 Dichlorodifluoromethane
 Concen: 46.643 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033226.D
 Acq: 11 Dec 2023 20:23

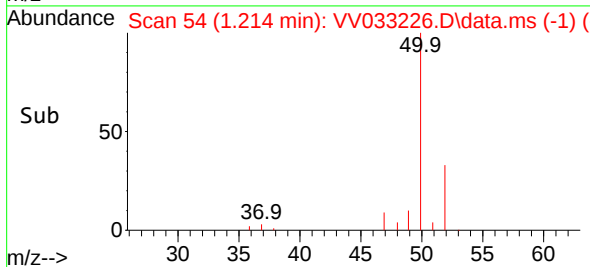
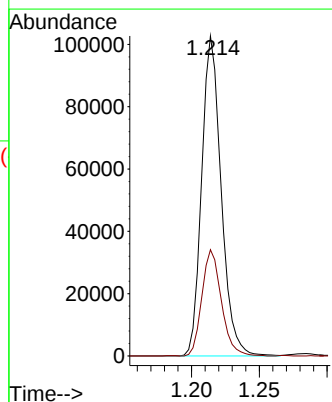
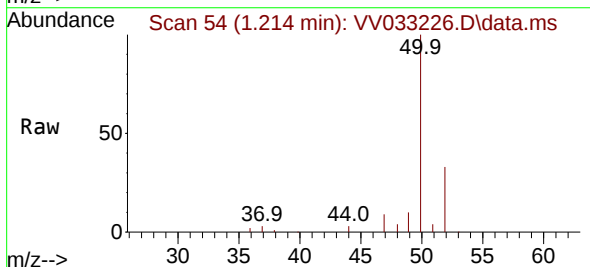
Instrument :
 MSVOA_V
 ClientSampleId :
 YCH84MSD

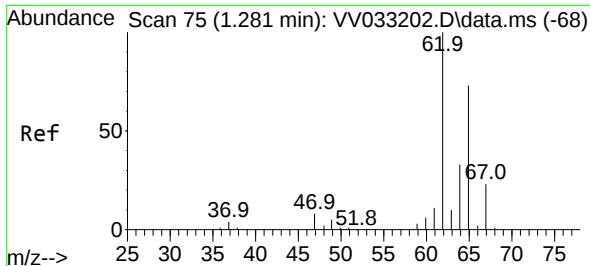
Tgt Ion: 85 Resp: 143461
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 50.689 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033226.D
 Acq: 11 Dec 2023 20:23

Tgt Ion: 50 Resp: 102826
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.8 42.4

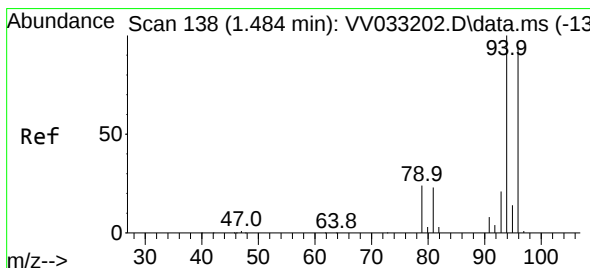
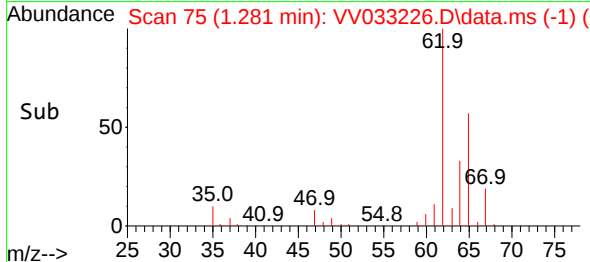
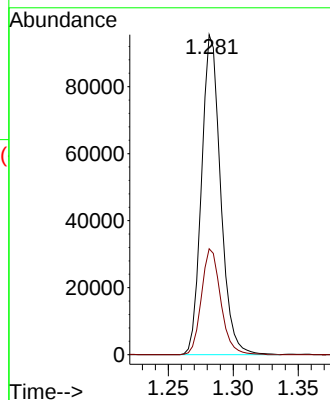
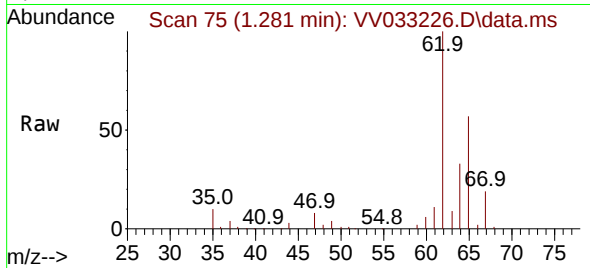




#5
 Vinyl chloride
 Concen: 50.210 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.003 min
 Lab File: VV033226.D
 Acq: 11 Dec 2023 20:23

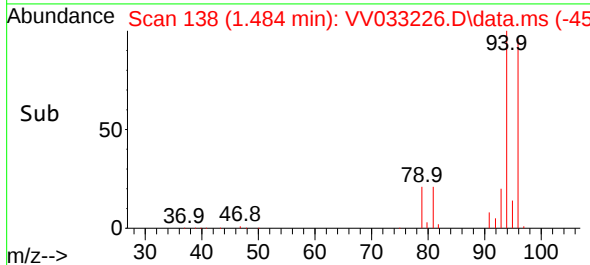
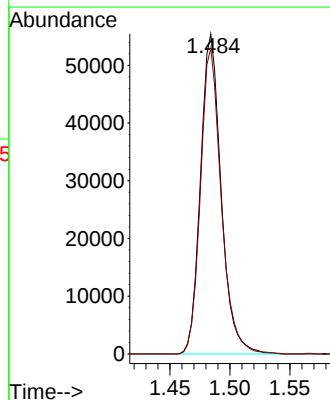
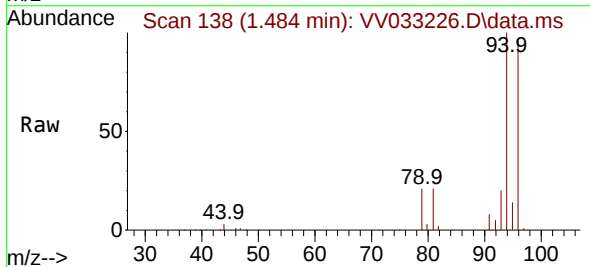
Instrument : MSVOA_V
 ClientSampleId : YCH84MSD

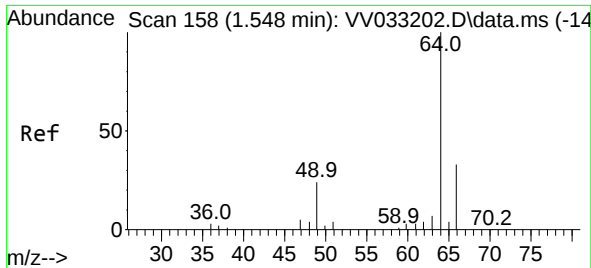
Tgt Ion:	62	Resp:	97685
Ion Ratio	Lower	Upper	
62	100		
64	33.1	24.2	45.0



#6
 Bromomethane
 Concen: 52.384 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033226.D
 Acq: 11 Dec 2023 20:23

Tgt Ion:	94	Resp:	66502
Ion Ratio	Lower	Upper	
94	100		
96	95.6	67.1	124.7

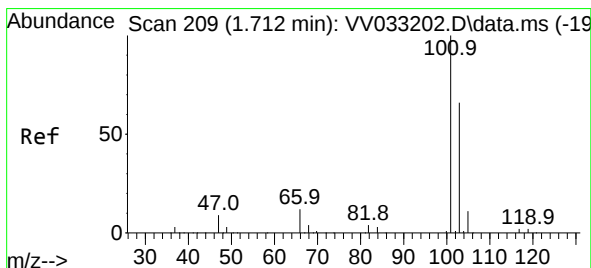
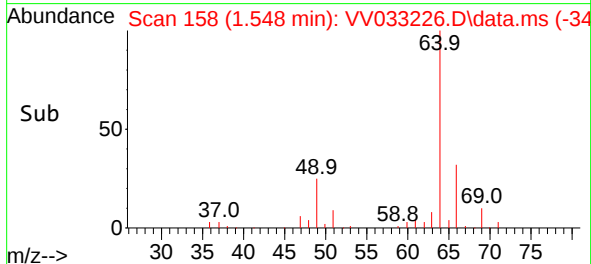
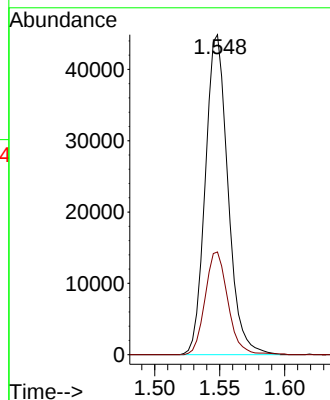
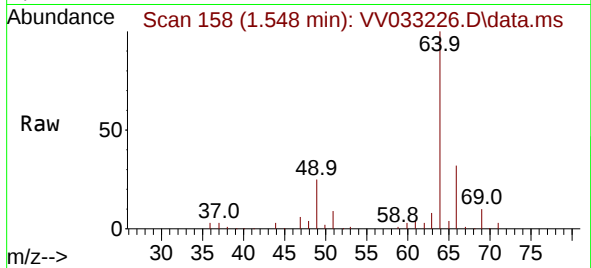




#8
Chloroethane
Concen: 52.580 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

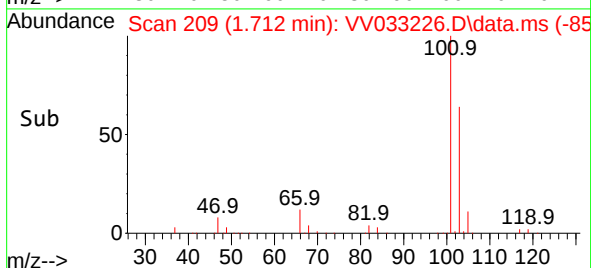
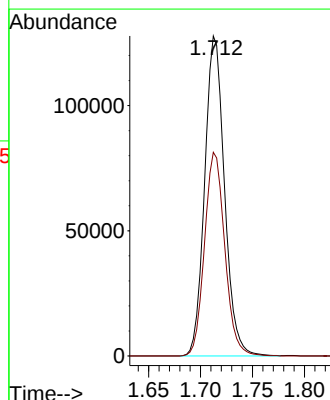
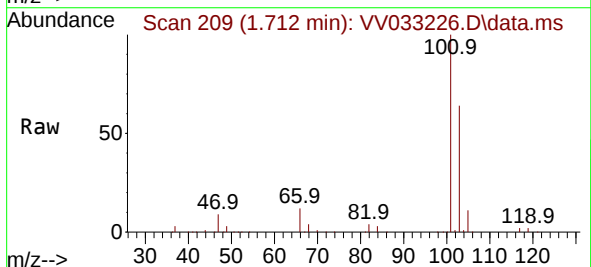
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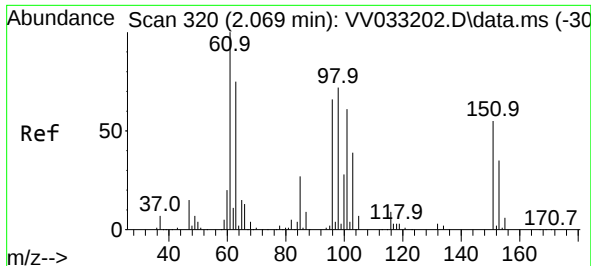
Tgt Ion: 64 Resp: 54462
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 52.896 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion:101 Resp: 169811
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9





#10

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

Concen: 52.008 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

YCH84MSD

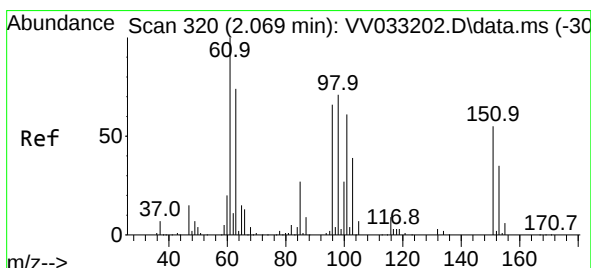
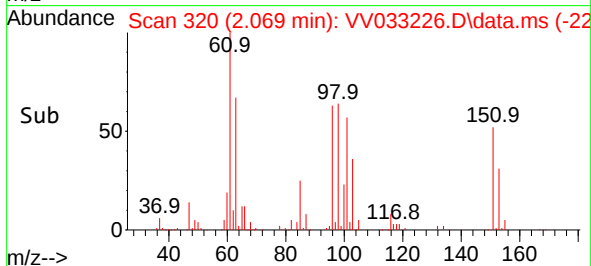
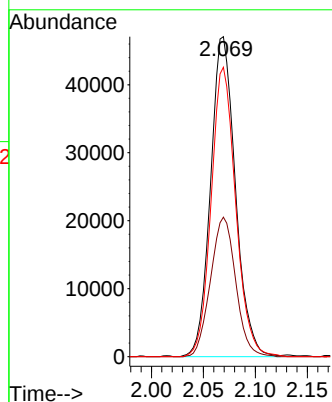
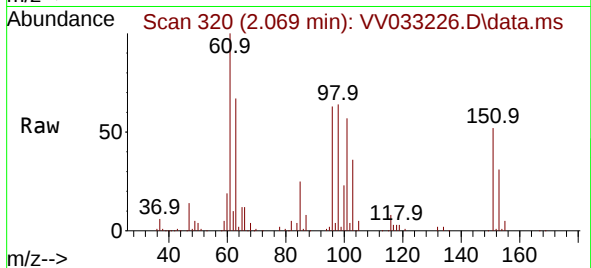
Tgt Ion:101 Resp: 78404

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

151 89.2 69.1 103.7



#12

1,1-Dichloroethene

Concen: 53.275 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

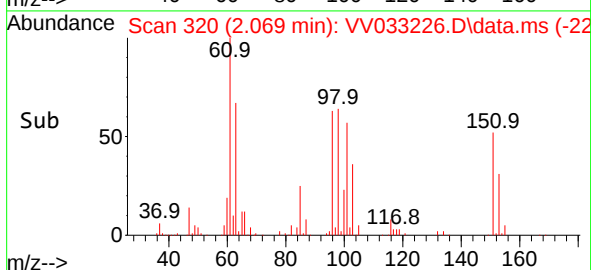
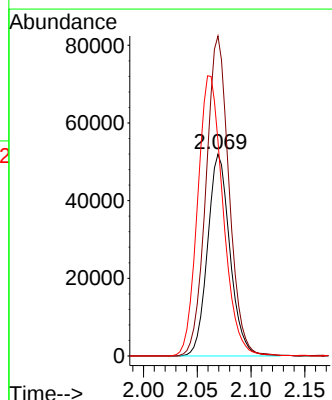
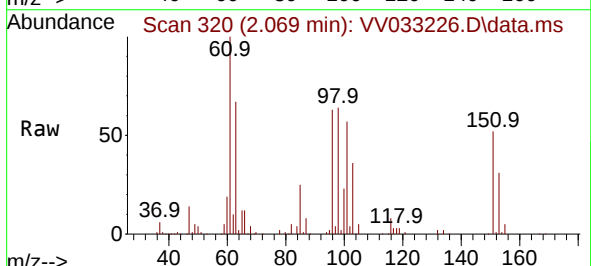
Tgt Ion: 96 Resp: 75156

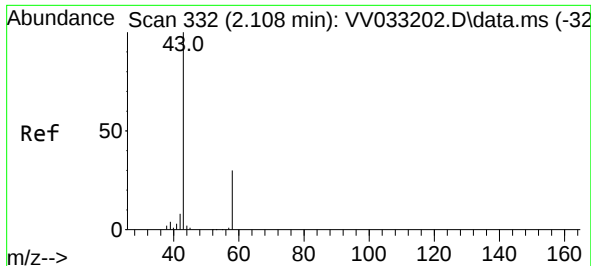
Ion Ratio Lower Upper

96 100

61 158.6 109.1 202.7

63 106.6 85.3 158.3





#13

Acetone

Concen: 74.215 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033226.D

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Instrument :

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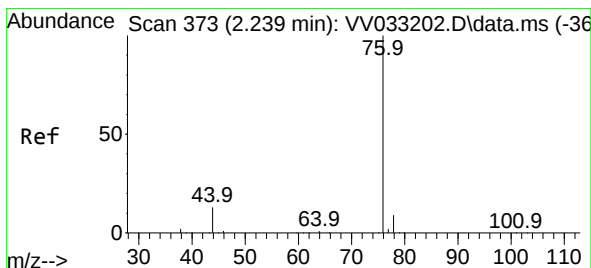
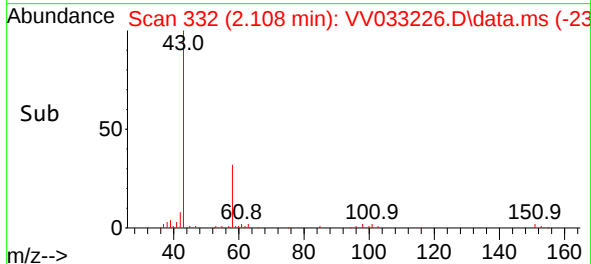
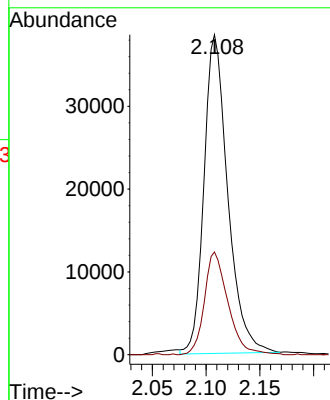
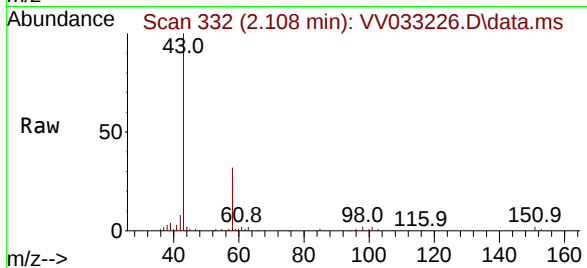
YCH84MSD

Tgt Ion: 43 Resp: 59194

Ion Ratio Lower Upper

43 100

58 31.9 0.0 62.8



#14

Carbon disulfide

Concen: 46.339 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033226.D

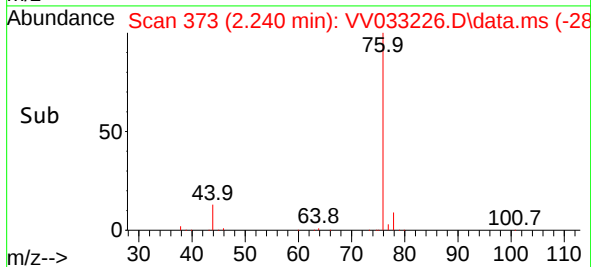
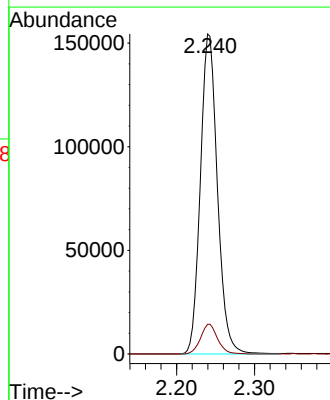
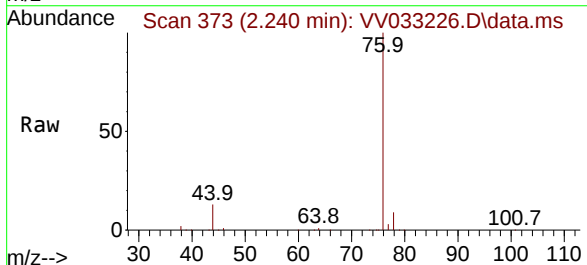
Acq: 11 Dec 2023 20:23

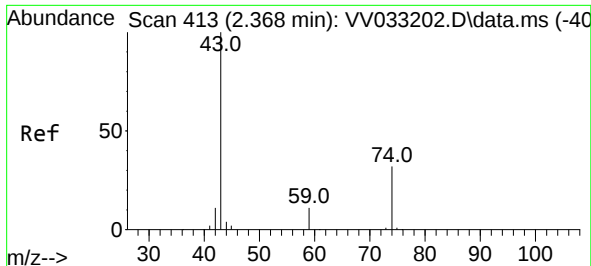
Tgt Ion: 76 Resp: 234535

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

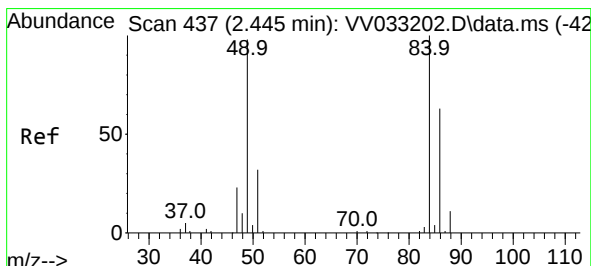
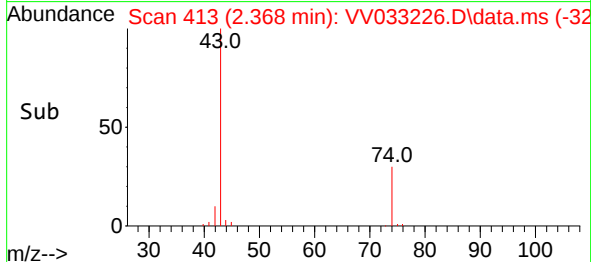
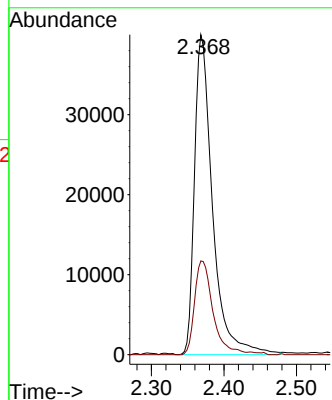
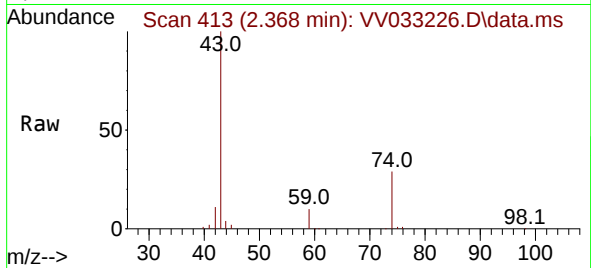




#15
Methyl Acetate
Concen: 52.052 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

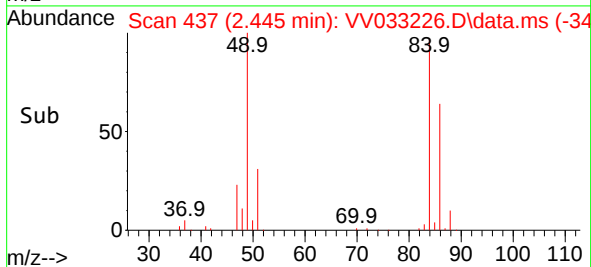
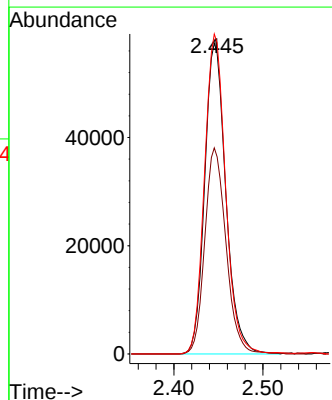
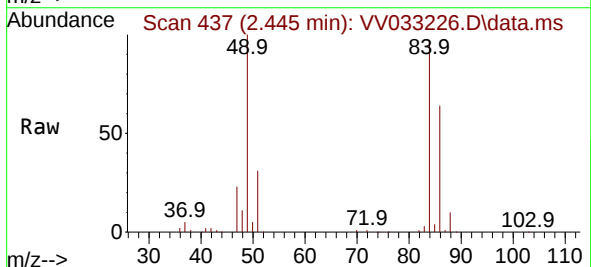
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

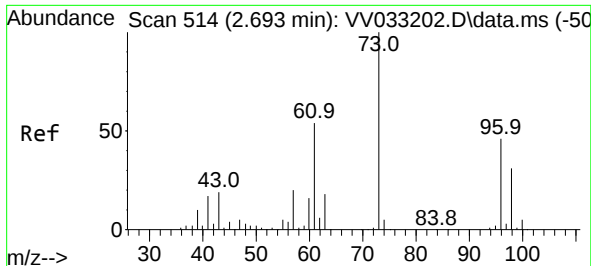
Tgt Ion: 43 Resp: 69196
Ion Ratio Lower Upper
43 100
74 29.8 22.6 33.8



#16
Methylene chloride
Concen: 50.727 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 84 Resp: 94759
Ion Ratio Lower Upper
84 100
86 66.3 45.9 85.3
49 103.0 75.5 140.1

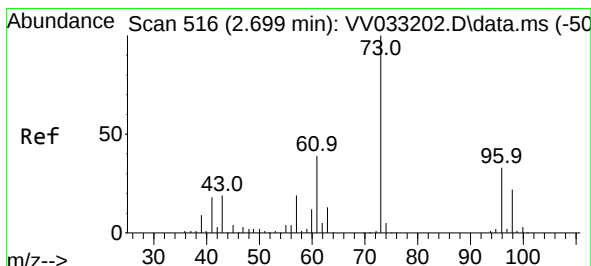
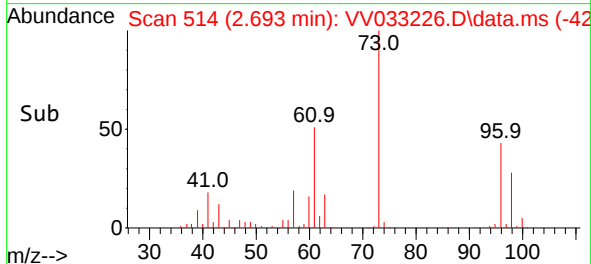
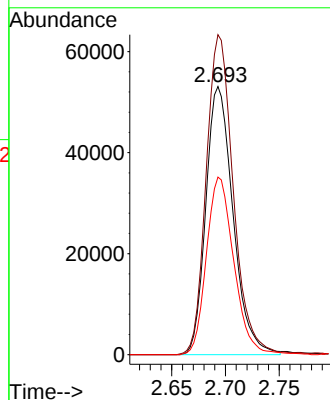
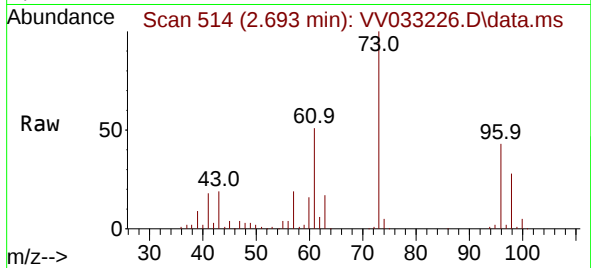




#17
trans-1,2-Dichloroethene
Concen: 50.582 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

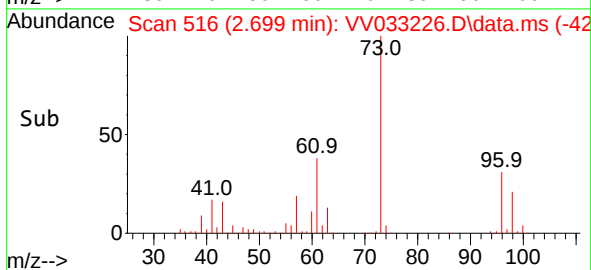
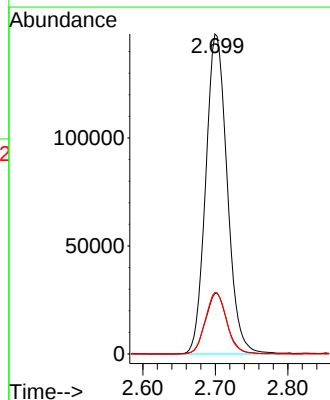
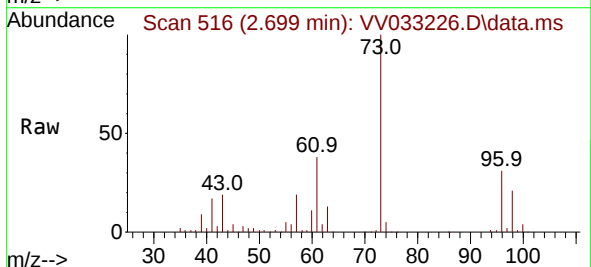
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

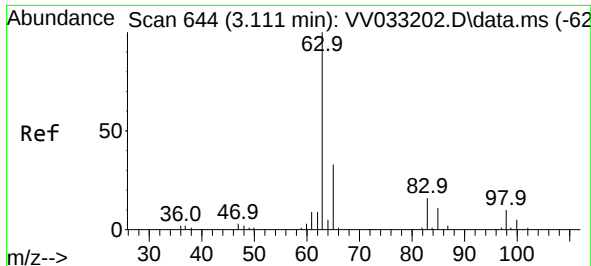
Tgt Ion: 96 Resp: 93689
Ion Ratio Lower Upper
96 100
61 119.3 86.5 160.6
98 66.2 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 54.235 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 73 Resp: 305163
Ion Ratio Lower Upper
73 100
43 18.9 15.4 23.2
57 19.1 16.1 24.1

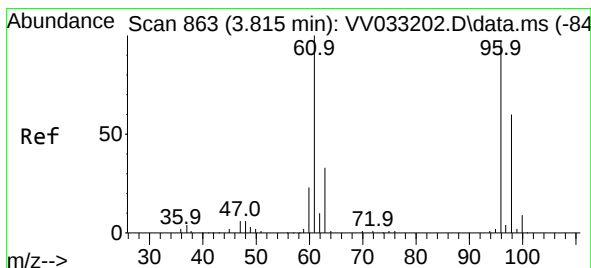
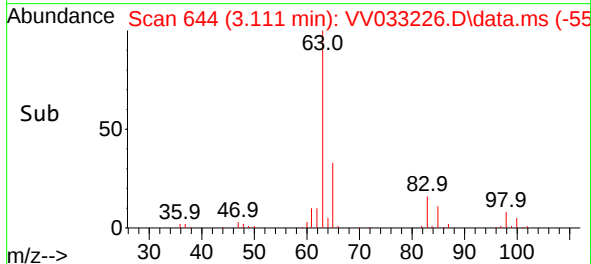
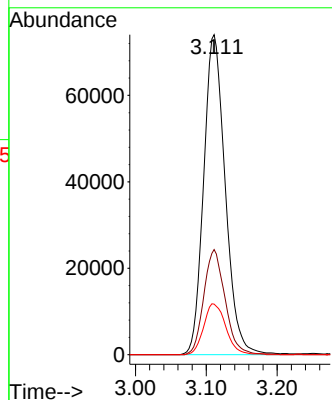
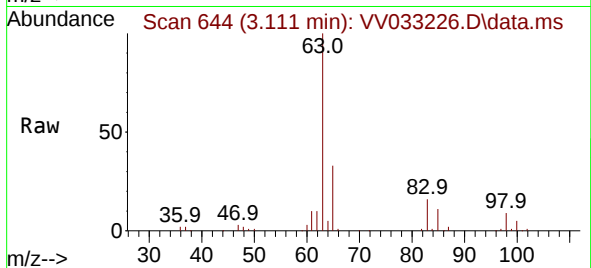




#19
1,1-Dichloroethane
Concen: 51.060 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

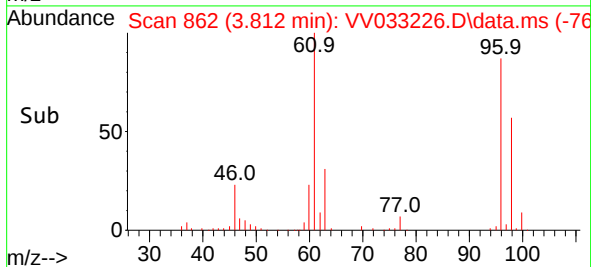
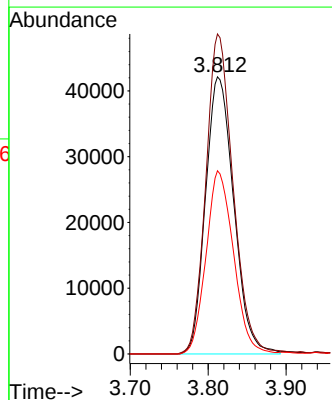
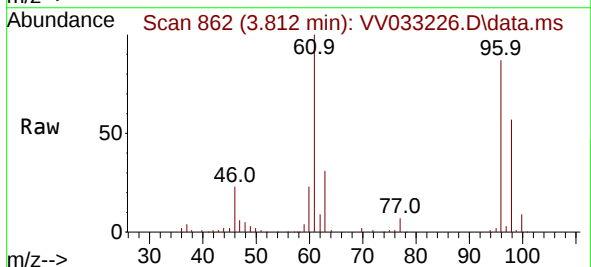
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

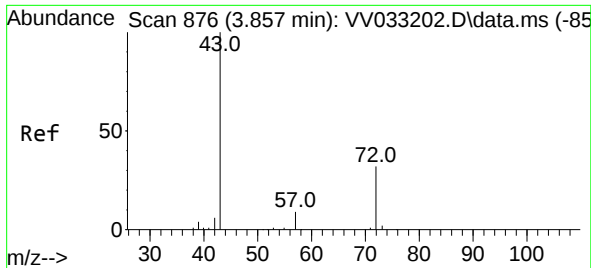
Tgt Ion: 63 Resp: 156532
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.6
83 15.8 11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 54.041 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 96 Resp: 106209
Ion Ratio Lower Upper
96 100
61 115.5 79.1 146.9
98 66.1 45.1 83.7

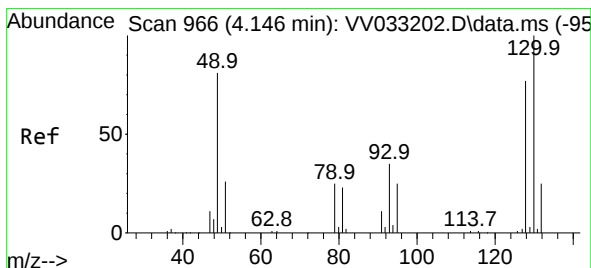
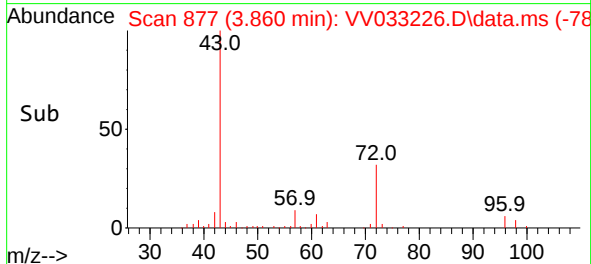
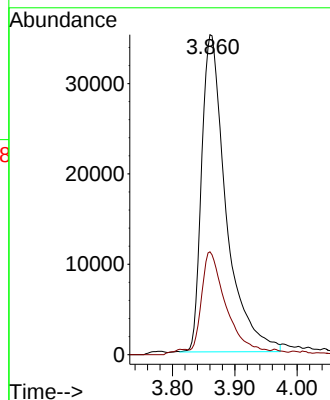
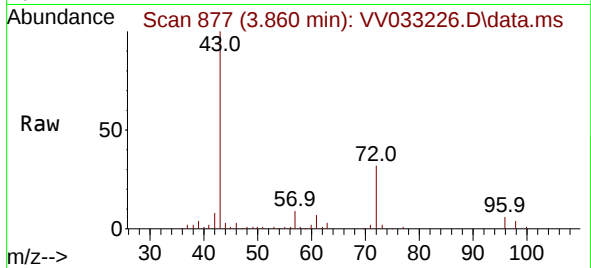




#22
2-Butanone
Concen: 94.470 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

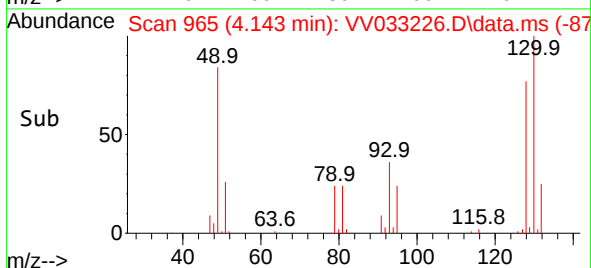
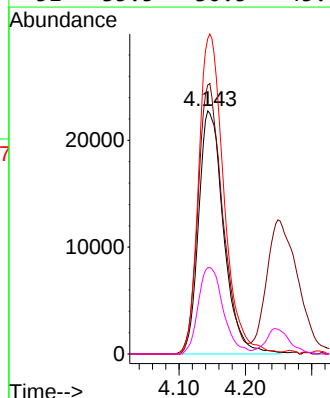
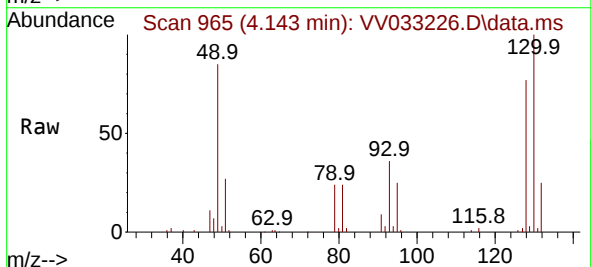
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

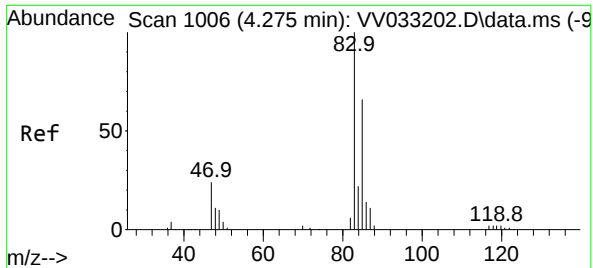
Tgt Ion: 43 Resp: 95889
Ion Ratio Lower Upper
43 100
72 32.5 14.6 43.8



#23
Bromochloromethane
Concen: 52.723 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 128 Resp: 59498
Ion Ratio Lower Upper
128 100
49 110.7 81.7 151.7
130 129.7 90.1 167.3
51 35.5 30.5 45.7

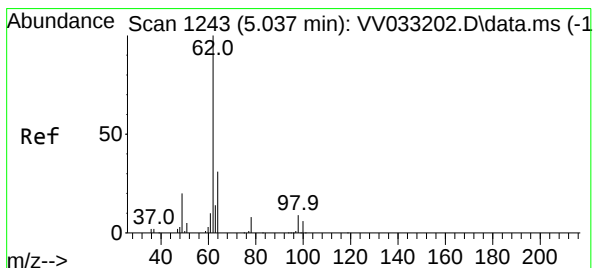
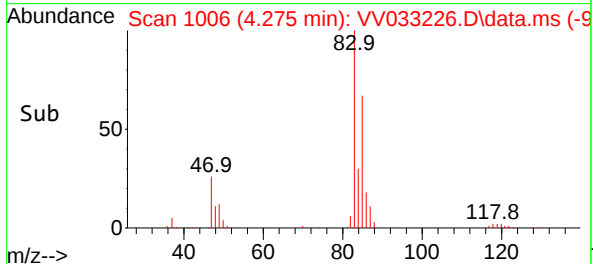
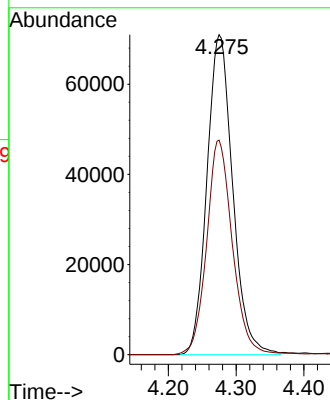
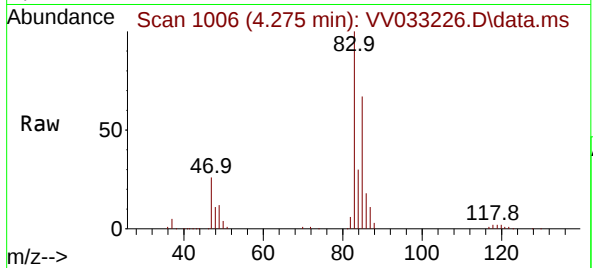




#25
Chloroform
Concen: 53.174 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

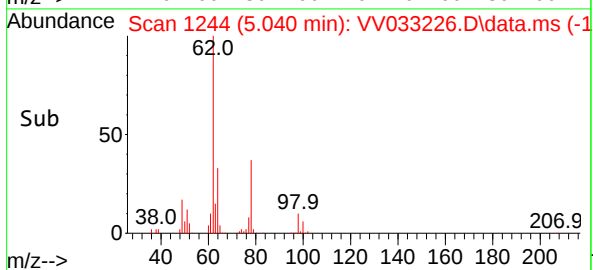
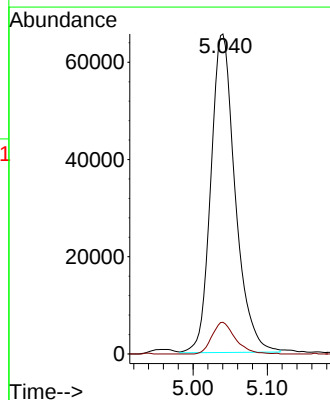
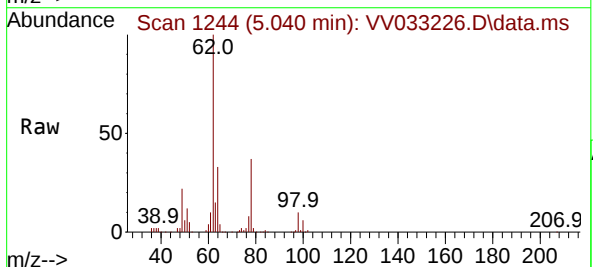
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

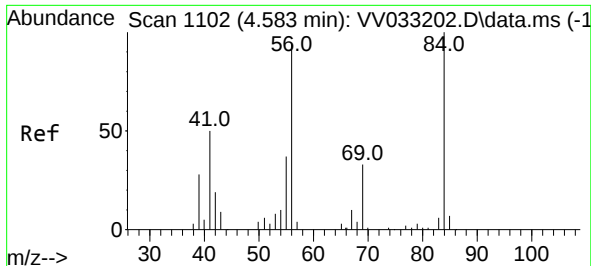
Tgt Ion: 83 Resp: 187477
Ion Ratio Lower Upper
83 100
85 67.0 43.5 80.7



#27
1,2-Dichloroethane
Concen: 53.630 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 62 Resp: 149416
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8





#29

Cyclohexane

Concen: 45.638 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

YCH84MSD

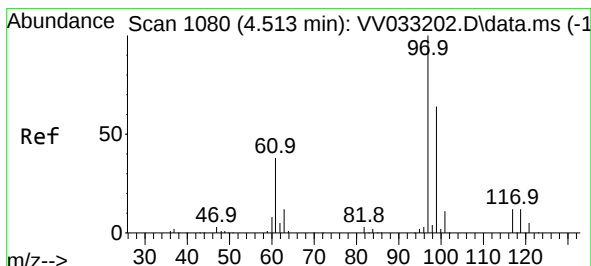
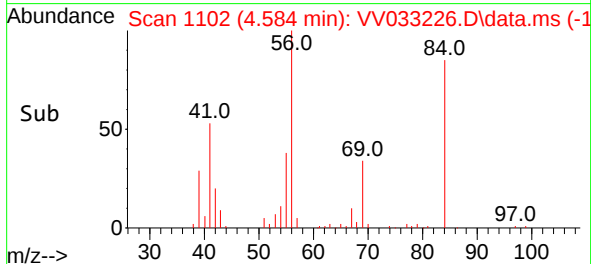
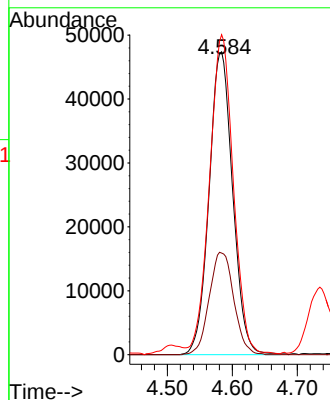
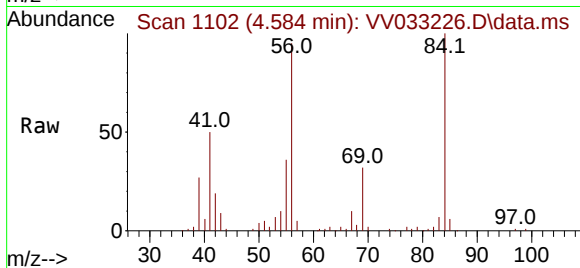
Tgt Ion: 56 Resp: 119439

Ion Ratio Lower Upper

56 100

69 35.1 26.9 40.3

84 107.1 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 52.057 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

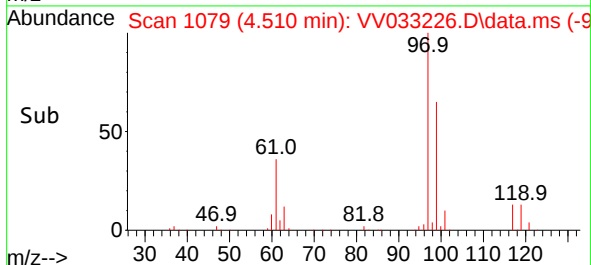
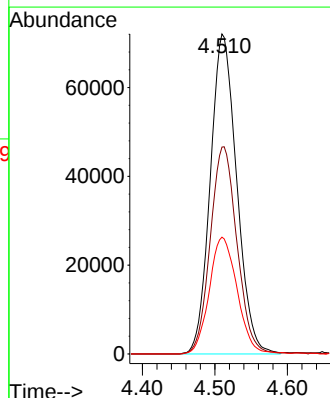
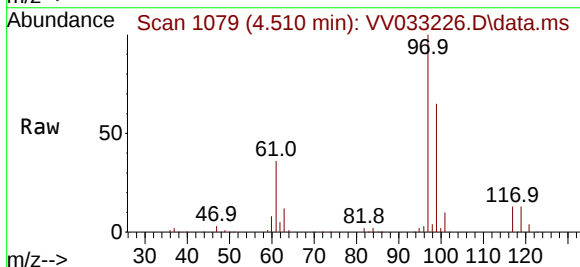
Tgt Ion: 97 Resp: 182289

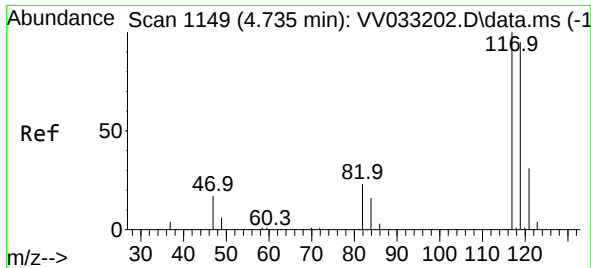
Ion Ratio Lower Upper

97 100

99 65.5 51.3 76.9

61 38.5 31.8 47.8

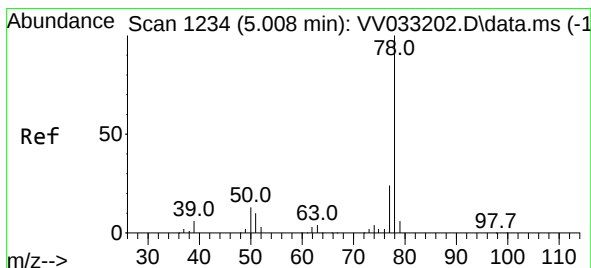
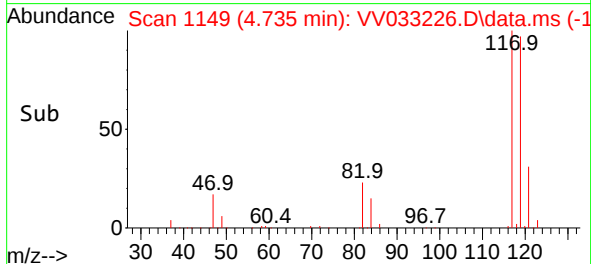
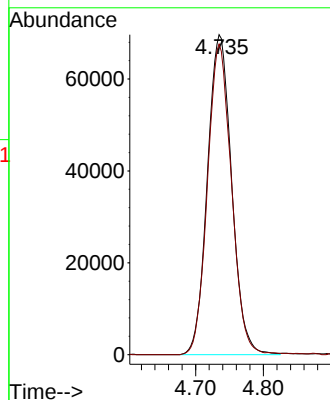
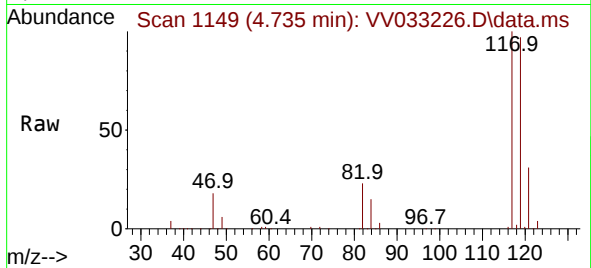




#31
Carbon tetrachloride
Concen: 53.091 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

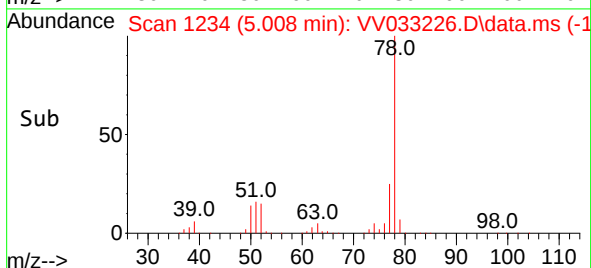
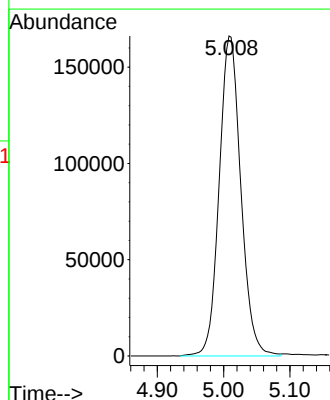
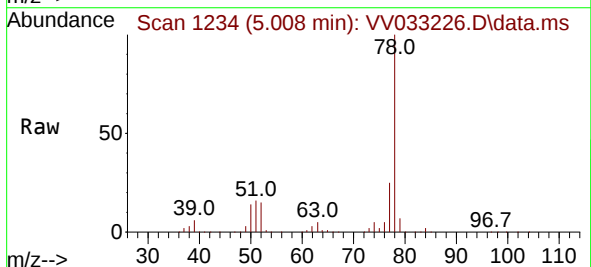
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

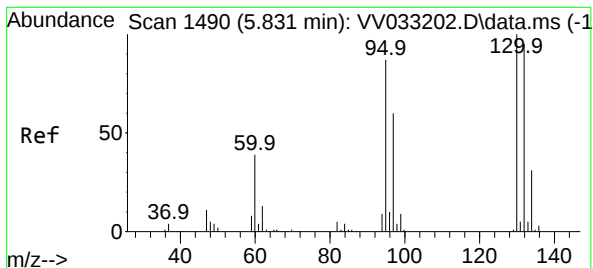
Tgt Ion:117 Resp: 172863
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 52.426 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 78 Resp: 376430





#34

Trichloroethene

Concen: 50.129 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

YCH84MSD

Tgt Ion: 95 Resp: 107531

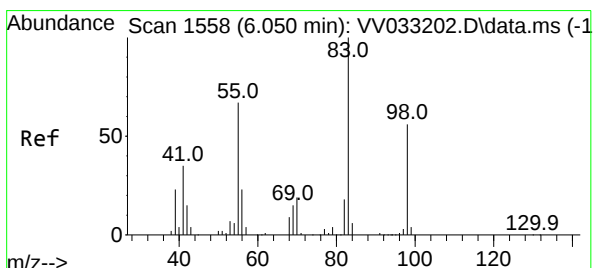
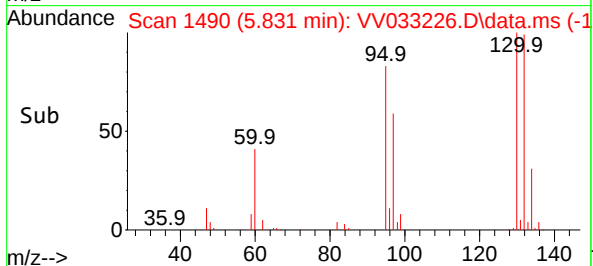
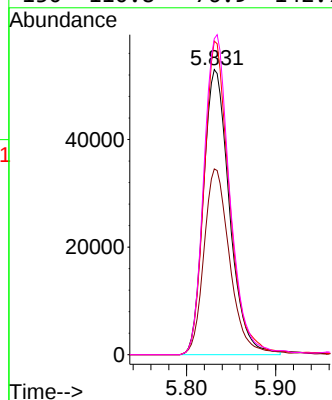
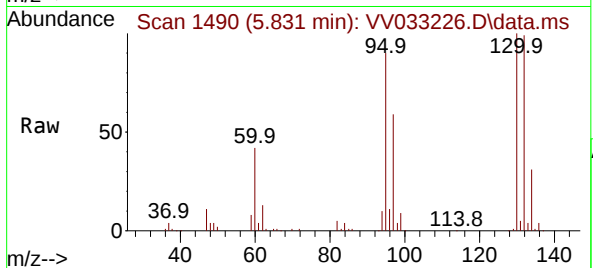
Ion Ratio Lower Upper

95 100

97 65.1 45.8 85.0

132 110.0 77.4 143.8

130 110.8 76.9 142.7



#35

Methylcyclohexane

Concen: 48.202 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

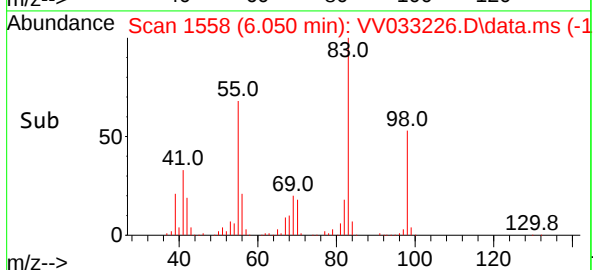
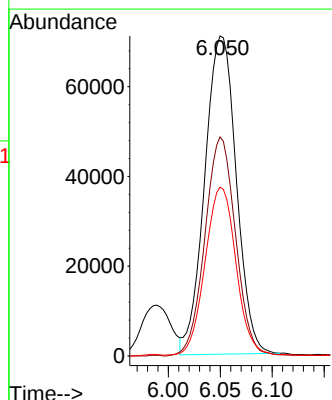
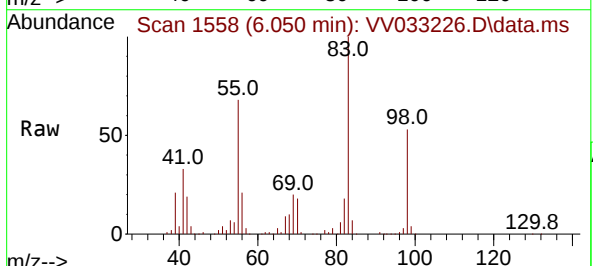
Tgt Ion: 83 Resp: 150067

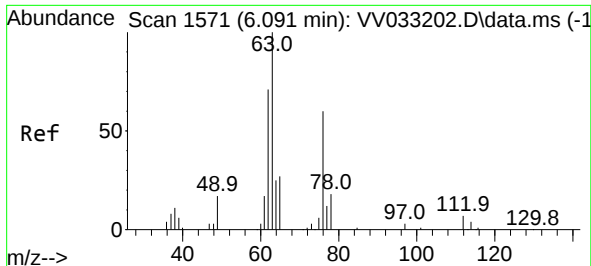
Ion Ratio Lower Upper

83 100

55 66.7 54.8 82.2

98 51.9 41.4 62.0





#37

1,2-Dichloropropane

Concen: 52.266 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

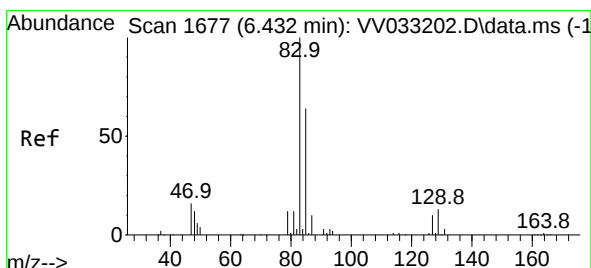
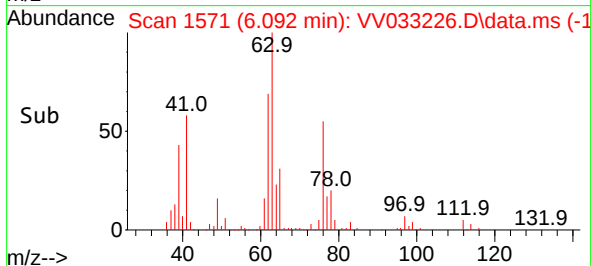
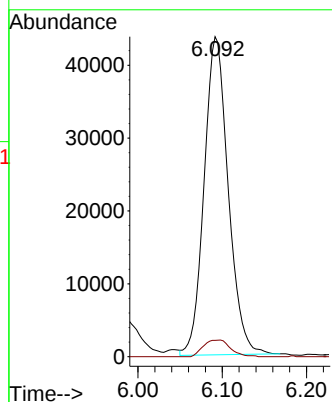
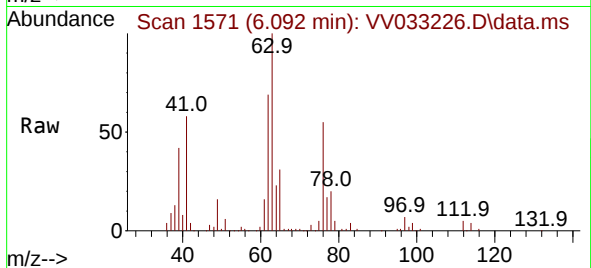
YCH84MSD

Tgt Ion: 63 Resp: 86852

Ion Ratio Lower Upper

63 100

112 2.8 4.6 6.8#



#38

Bromodichloromethane

Concen: 54.086 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

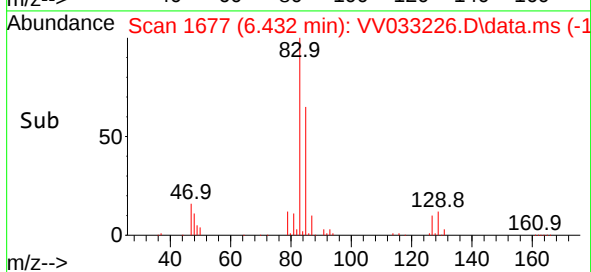
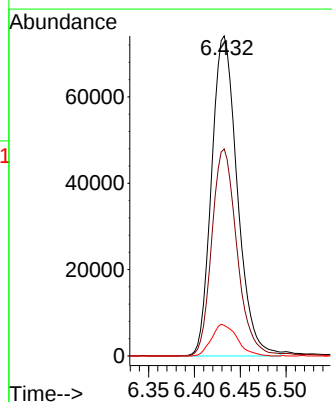
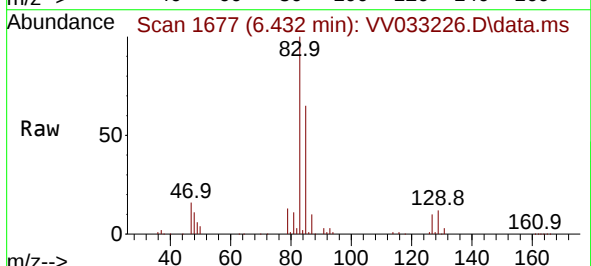
Tgt Ion: 83 Resp: 144893

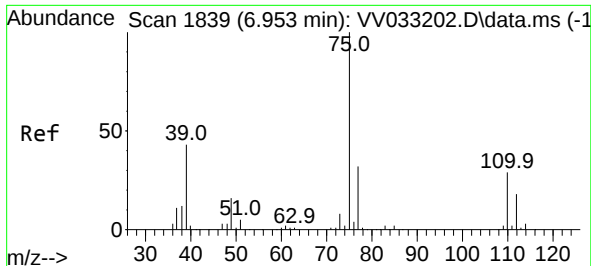
Ion Ratio Lower Upper

83 100

85 64.7 45.6 84.6

127 9.6 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 52.805 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

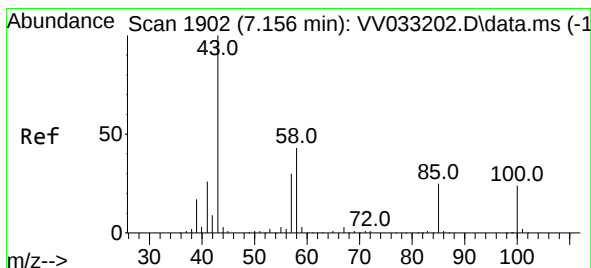
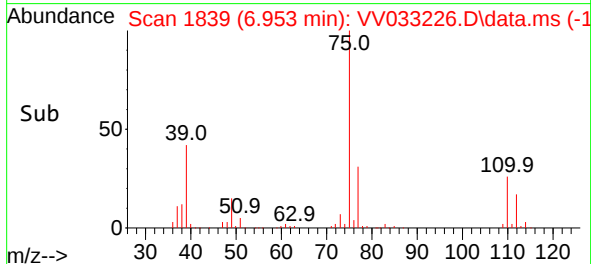
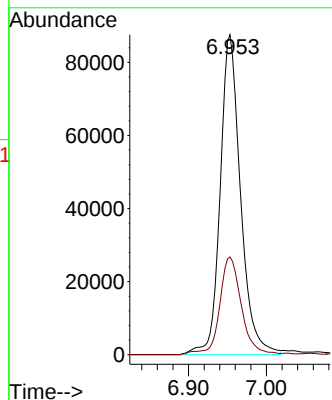
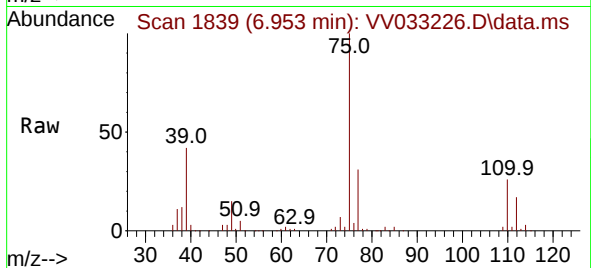
YCH84MSD

Tgt Ion: 75 Resp: 159224

Ion Ratio Lower Upper

75 100

77 30.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 114.336 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

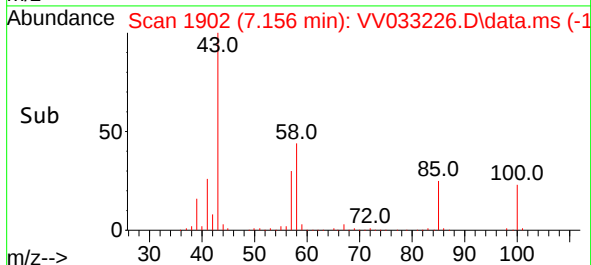
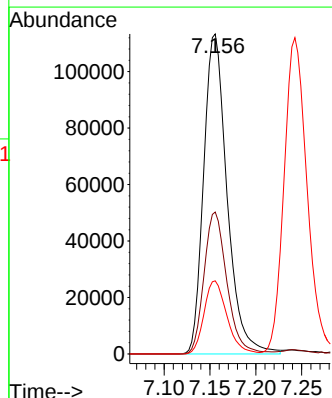
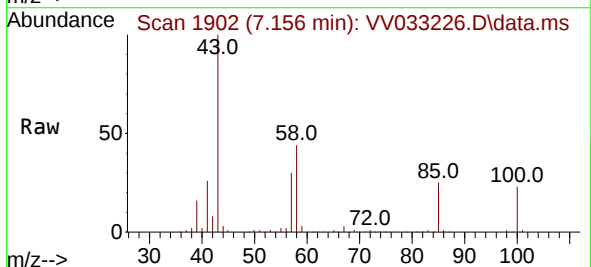
Tgt Ion: 43 Resp: 201728

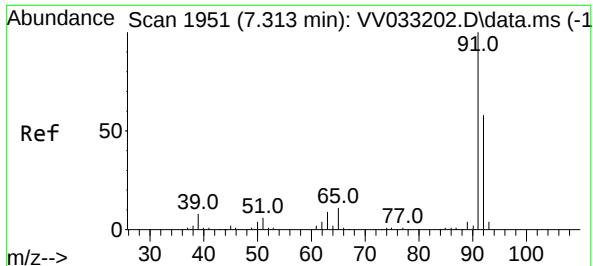
Ion Ratio Lower Upper

43 100

58 43.2 34.5 51.7

100 22.3 17.0 25.6





#42

Toluene

Concen: 54.071 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

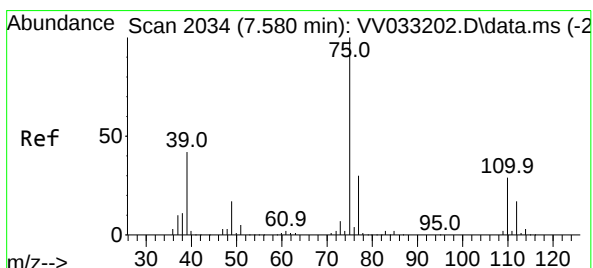
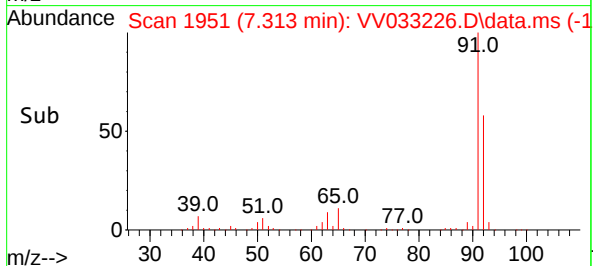
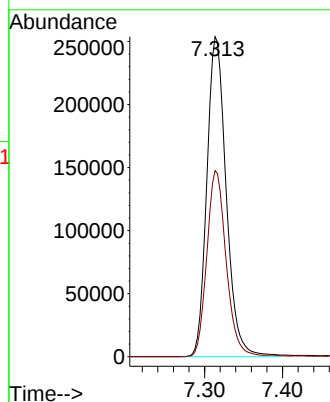
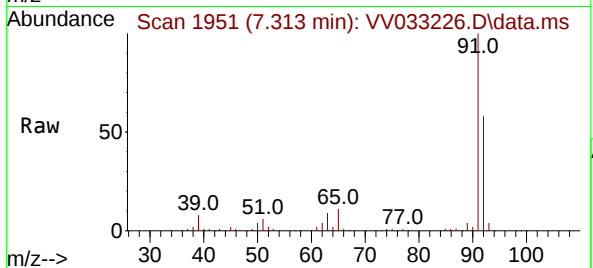
YCH84MSD

Tgt Ion: 91 Resp: 437495

Ion Ratio Lower Upper

91 100

92 58.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 52.293 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033226.D

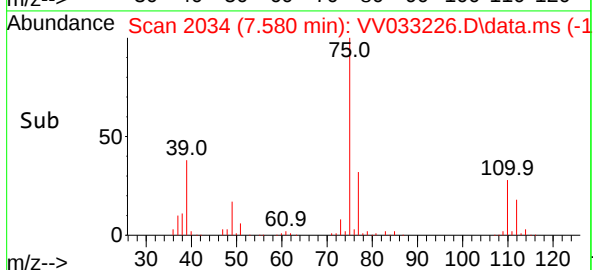
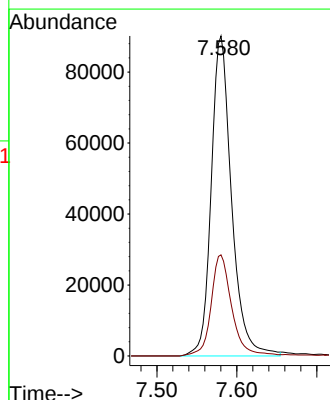
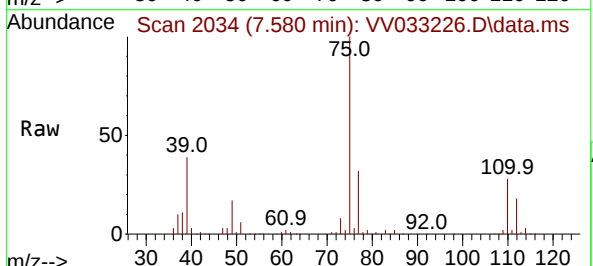
Acq: 11 Dec 2023 20:23

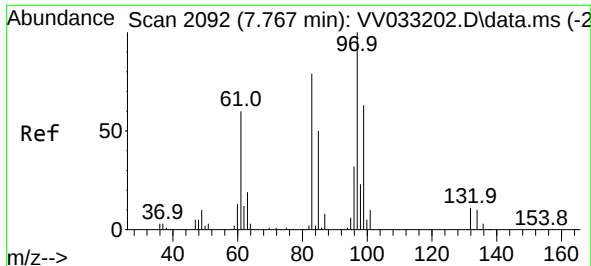
Tgt Ion: 75 Resp: 159442

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0

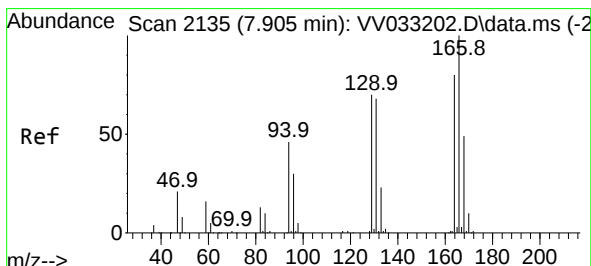
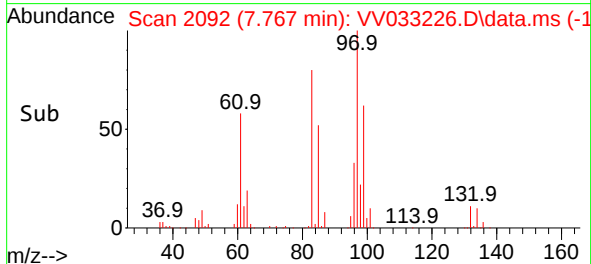
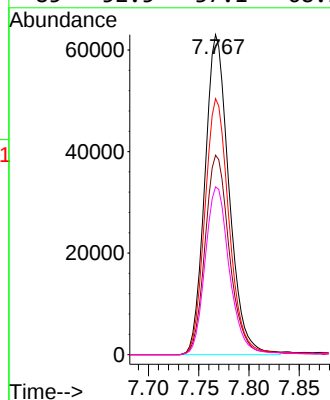
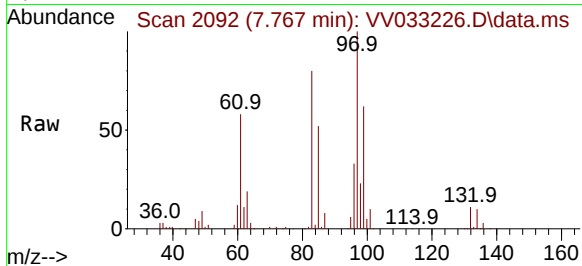




#45
1,1,2-Trichloroethane
Concen: 54.713 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

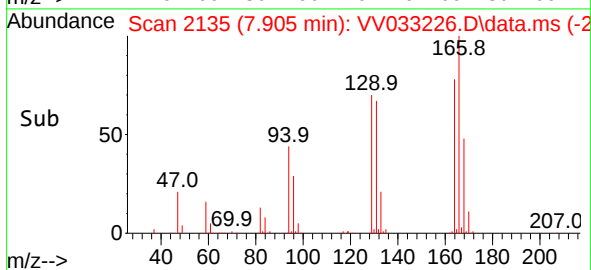
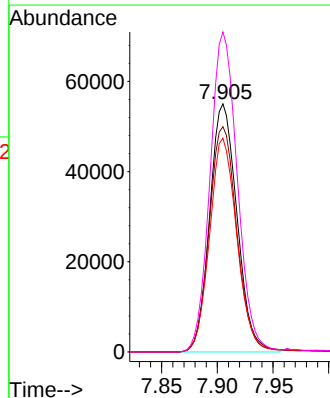
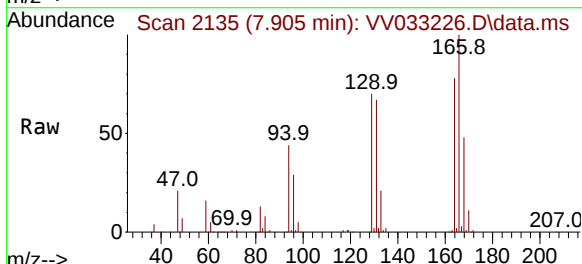
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

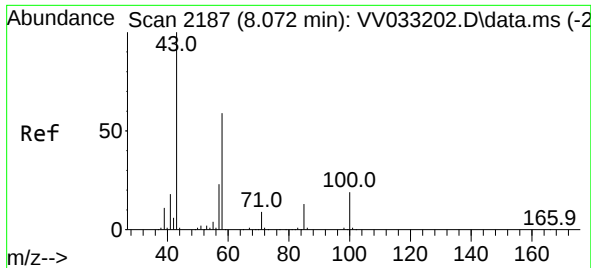
Tgt Ion:	97	Resp:	105416
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.2	80.2
83	80.0	55.8	103.6
85	52.5	37.1	68.9



#46
Tetrachloroethene
Concen: 50.901 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion:	164	Resp:	93861
Ion	Ratio	Lower	Upper
164	100		
129	90.8	65.6	121.8
131	86.1	64.7	120.1
166	128.9	89.4	166.0



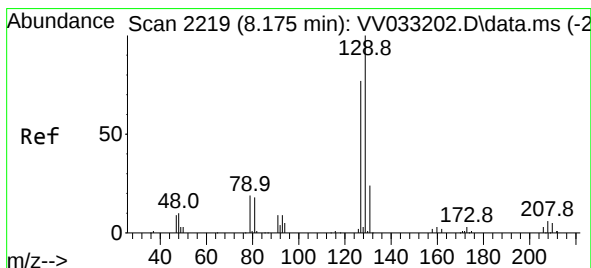
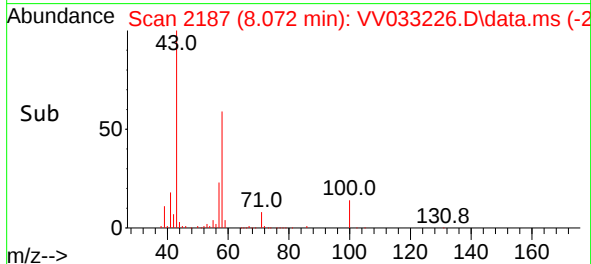
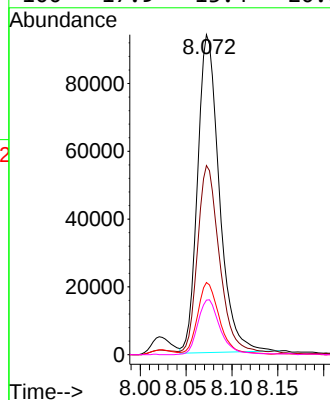
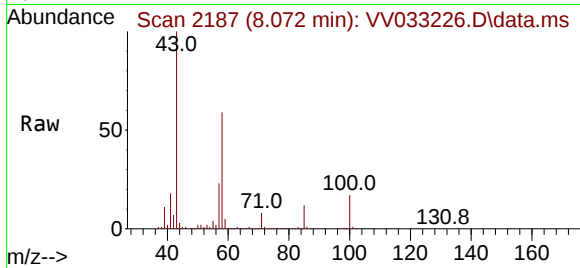


#48
2-Hexanone
Concen: 105.952 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

Tgt Ion: 43 Resp: 154988

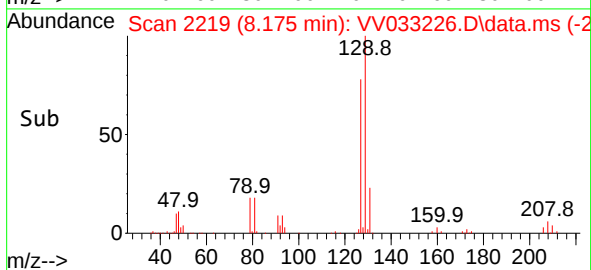
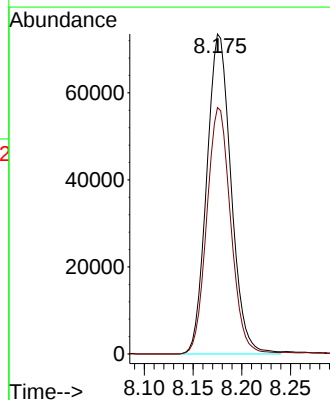
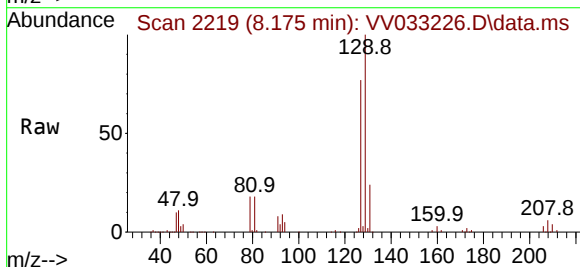
Ion	Ratio	Lower	Upper
43	100		
58	60.6	47.9	71.9
57	23.0	17.4	26.0
100	17.9	13.4	20.0

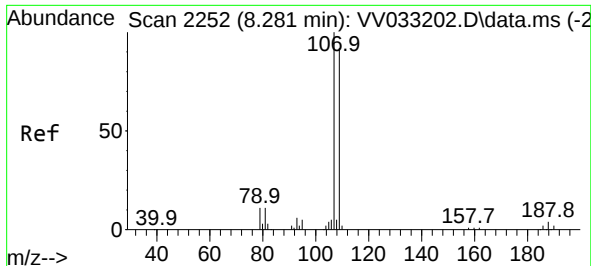


#49
Dibromochloromethane
Concen: 55.547 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 129 Resp: 127761

Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.1	100.5

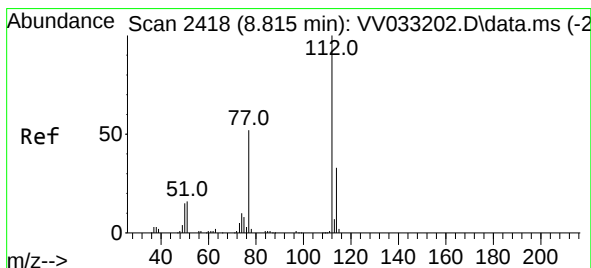
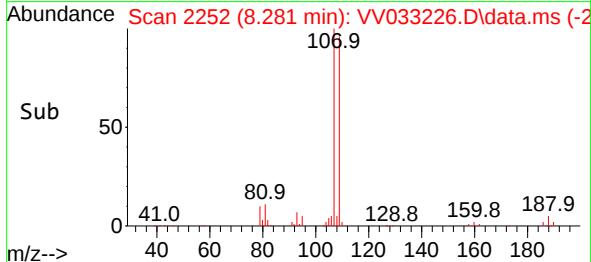
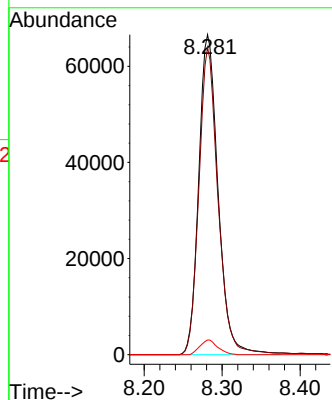
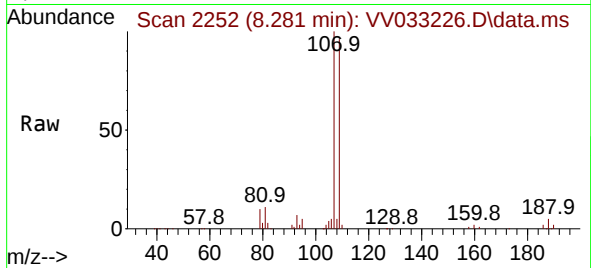




#50
1,2-Dibromoethane
Concen: 55.902 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

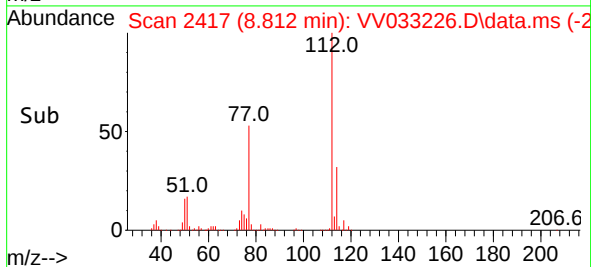
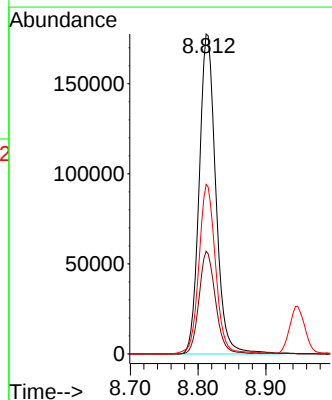
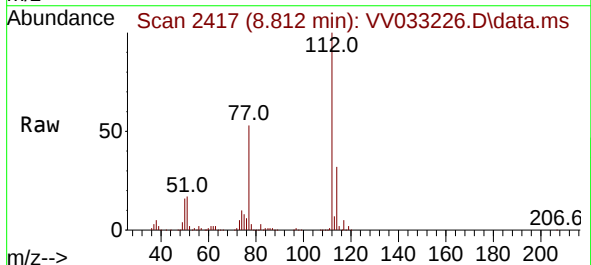
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

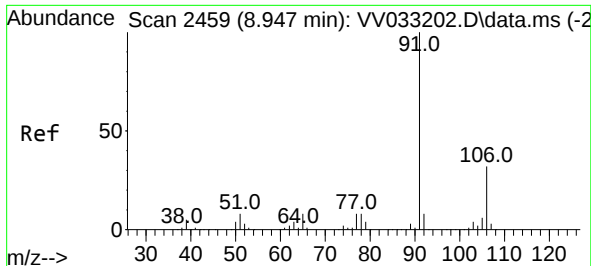
Tgt Ion:107 Resp: 114831
Ion Ratio Lower Upper
107 100
109 96.0 65.2 121.2
188 4.6 3.8 5.6



#51
Chlorobenzene
Concen: 53.108 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion:112 Resp: 302171
Ion Ratio Lower Upper
112 100
114 32.1 22.9 42.5
77 52.9 42.6 64.0

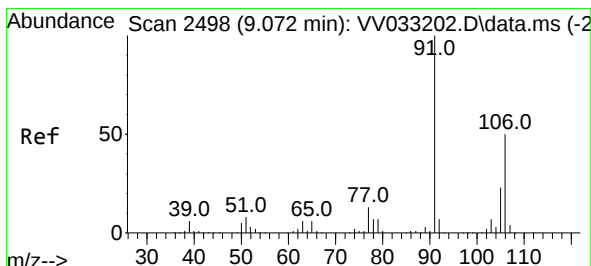
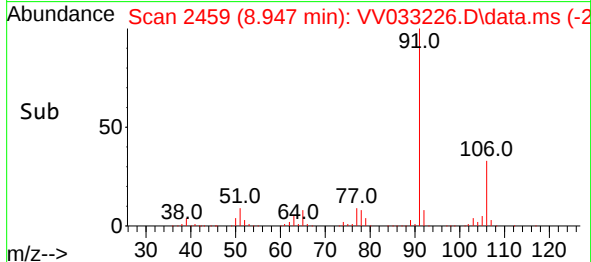
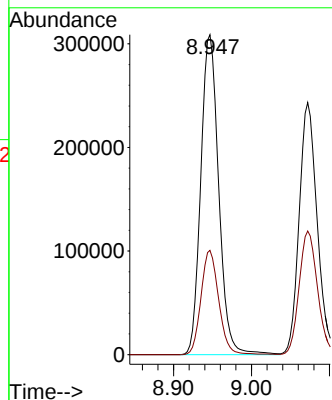
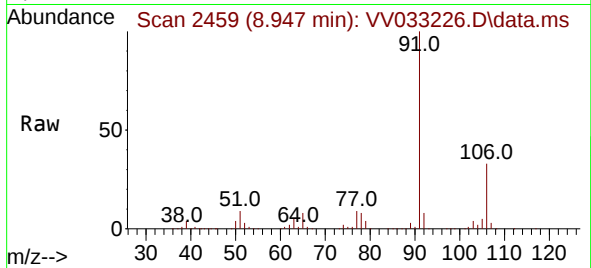




#52
Ethylbenzene
Concen: 52.933 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

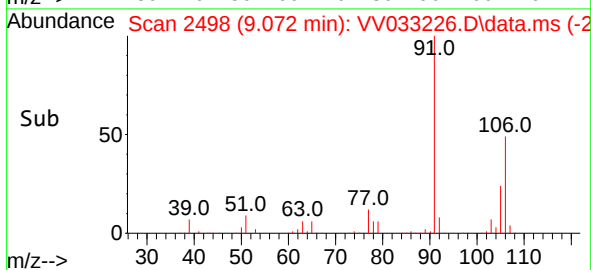
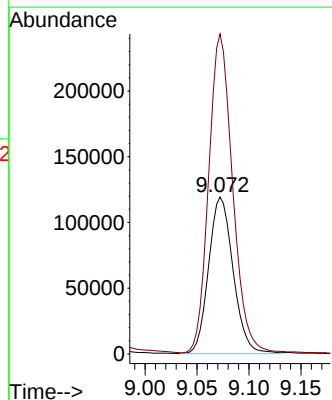
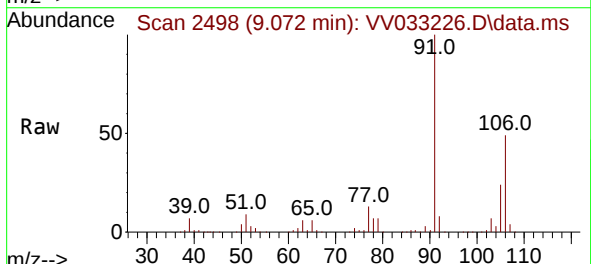
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

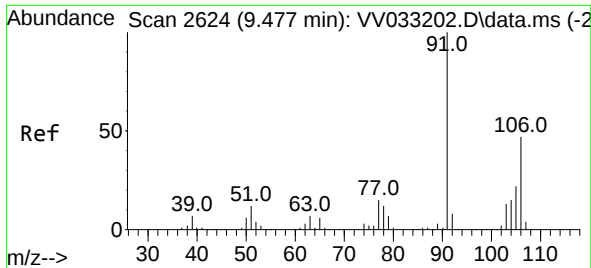
Tgt Ion: 91 Resp: 492975
Ion Ratio Lower Upper
91 100
106 32.6 22.6 42.0



#53
m,p-Xylene
Concen: 52.928 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 106 Resp: 195208
Ion Ratio Lower Upper
106 100
91 204.0 145.2 269.6

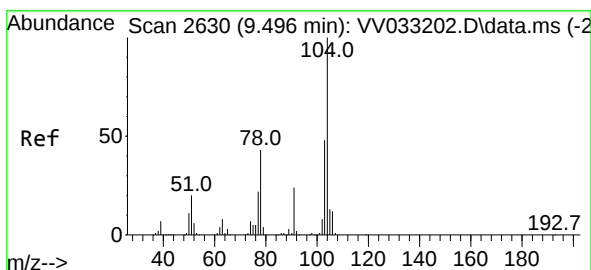
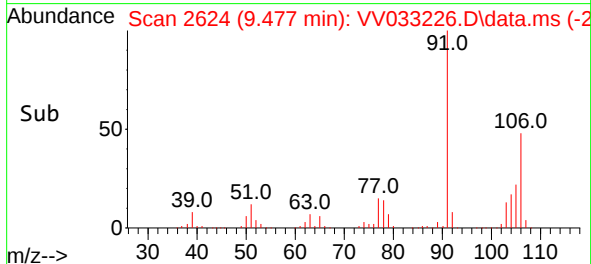
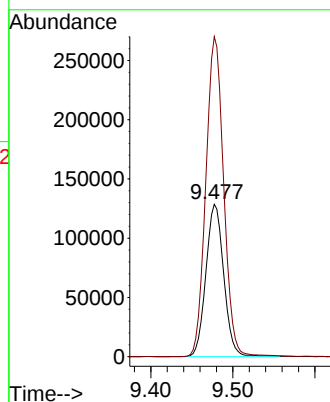
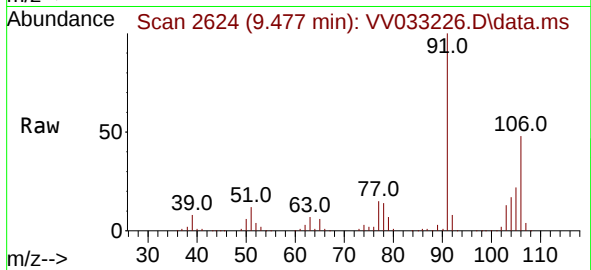




#54
o-Xylene
Concen: 53.455 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

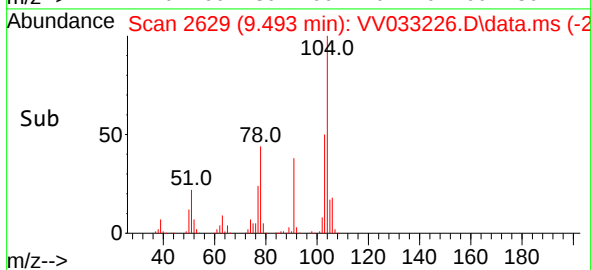
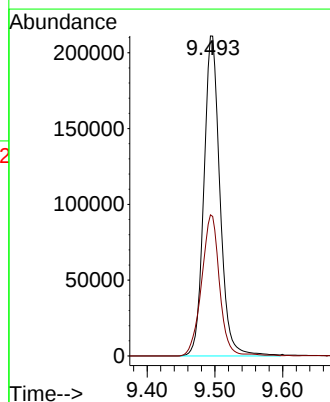
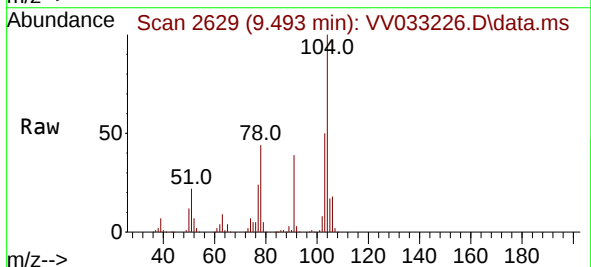
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

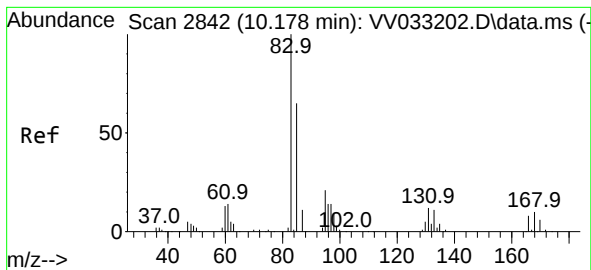
Tgt Ion:106 Resp: 194541
Ion Ratio Lower Upper
106 100
91 209.9 147.8 274.6



#55
Styrene
Concen: 55.333 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion:104 Resp: 348366
Ion Ratio Lower Upper
104 100
78 44.1 30.2 56.0

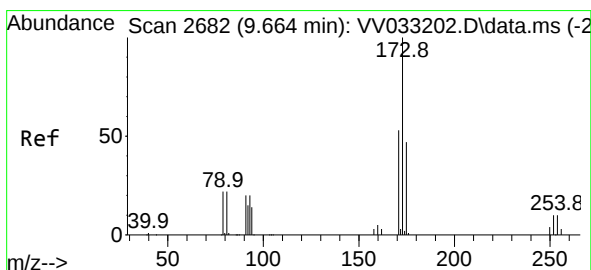
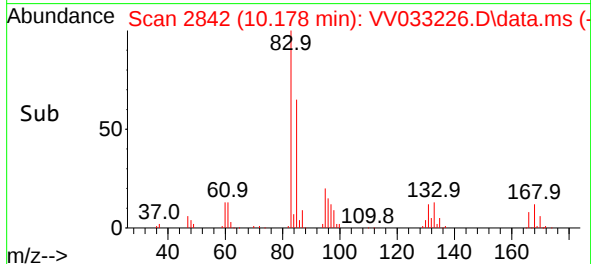
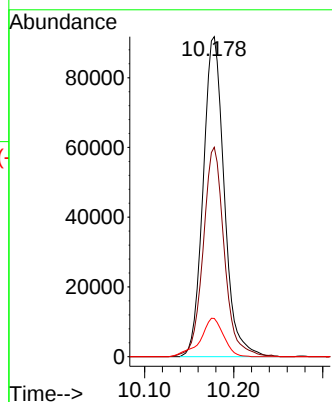
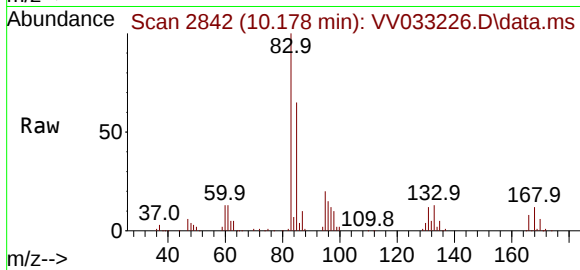




#57
 1,1,2,2-Tetrachloroethane
 Concen: 57.230 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV033226.D
 Acq: 11 Dec 2023 20:23

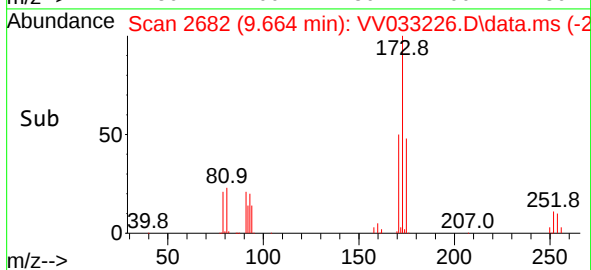
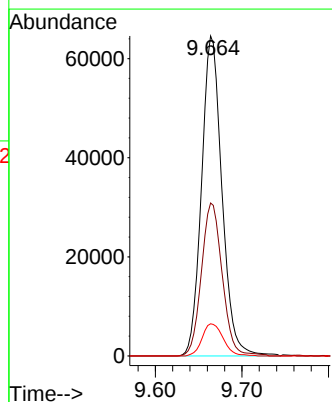
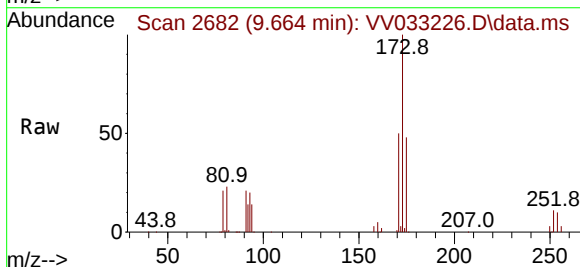
Instrument :
 MSVOA_V
 ClientSampleId :
 YCH84MSD

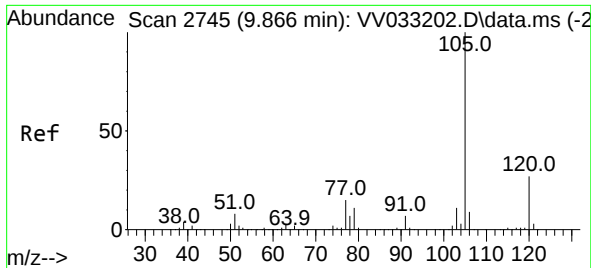
Tgt Ion: 83 Resp: 150652
 Ion Ratio Lower Upper
 83 100
 85 65.5 45.5 84.5
 131 11.9 9.7 14.5



#59
 Bromoform
 Concen: 56.128 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033226.D
 Acq: 11 Dec 2023 20:23

Tgt Ion: 173 Resp: 105765
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.7 58.1
 254 10.4 8.0 12.0

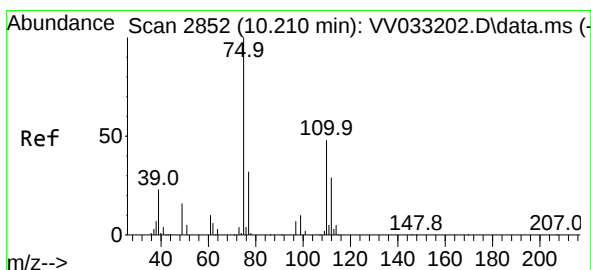
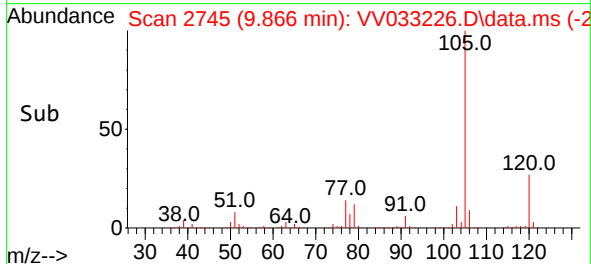
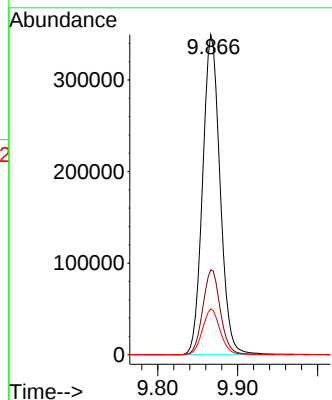
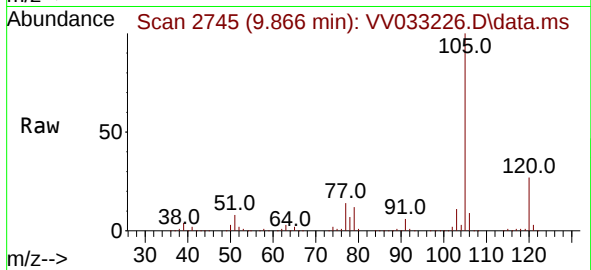




#60
Isopropylbenzene
Concen: 53.083 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

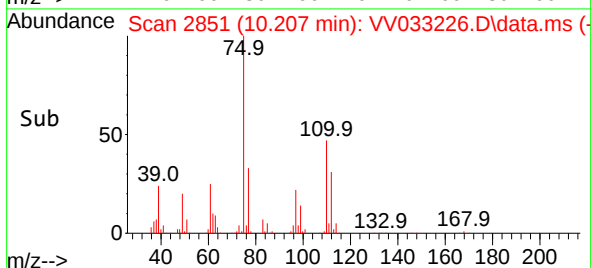
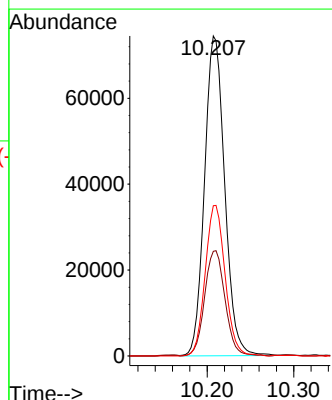
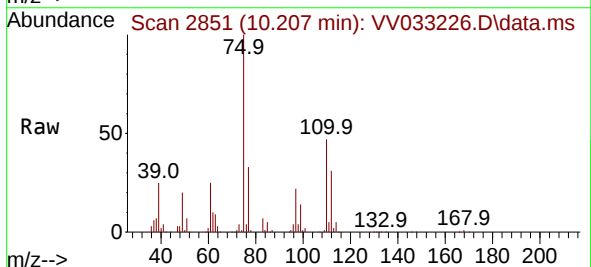
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

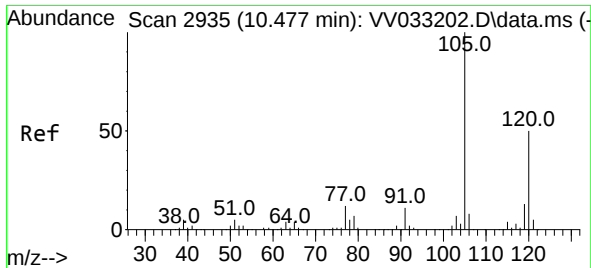
Tgt Ion:105 Resp: 531409
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 14.4 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 55.739 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion: 75 Resp: 120672
Ion Ratio Lower Upper
75 100
77 33.3 27.0 40.6
110 46.5 38.1 57.1

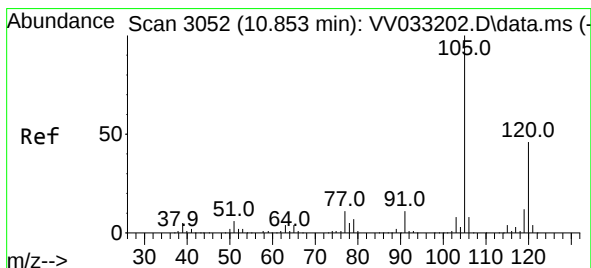
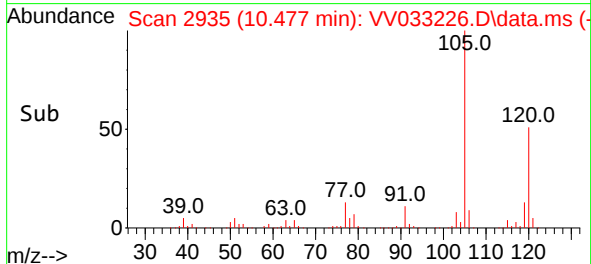
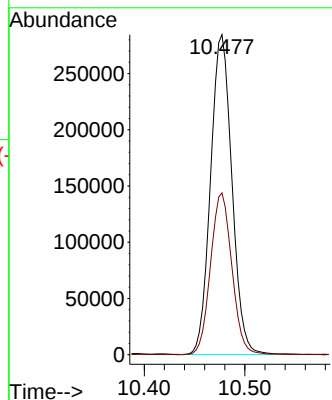
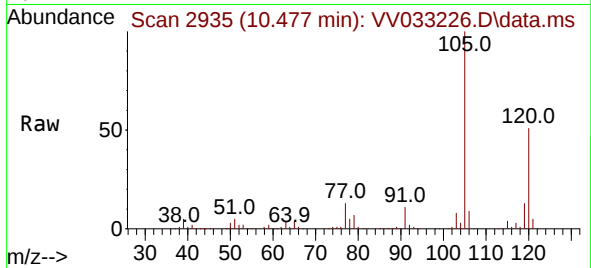




#62
1,3,5-Trimethylbenzene
Concen: 51.958 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

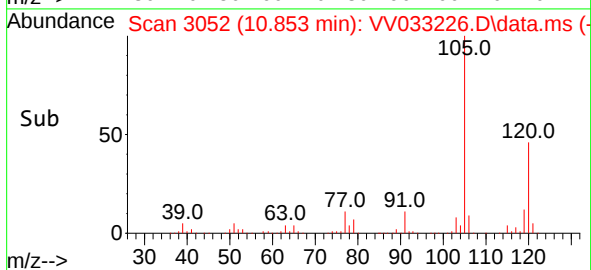
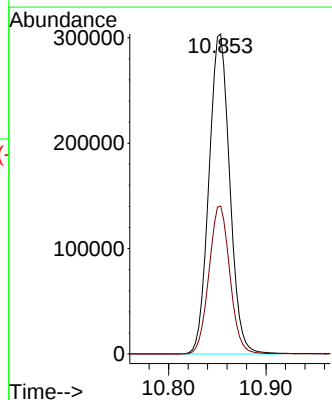
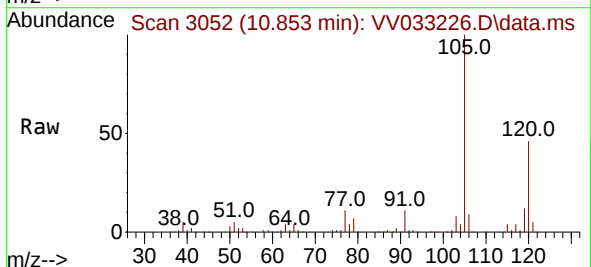
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

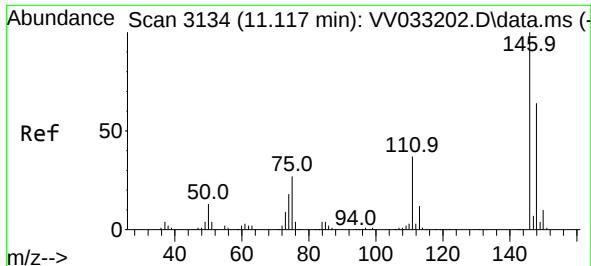
Tgt Ion:105 Resp: 419074
Ion Ratio Lower Upper
105 100
120 50.7 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 53.576 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion:105 Resp: 450036
Ion Ratio Lower Upper
105 100
120 46.5 36.7 55.1

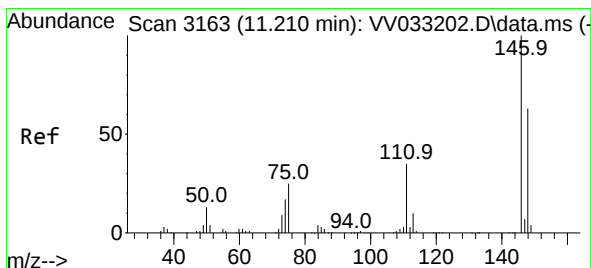
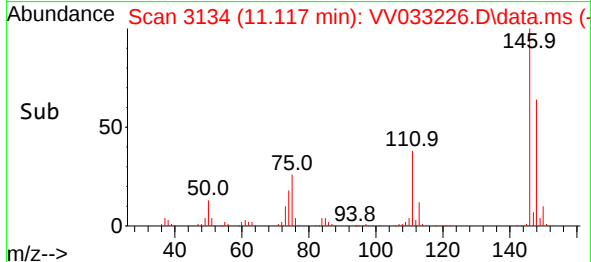
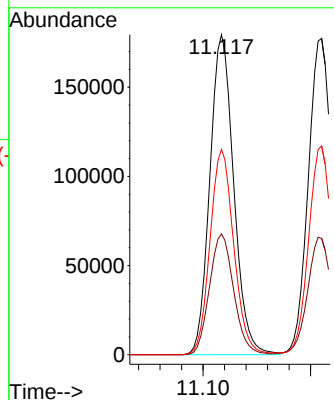
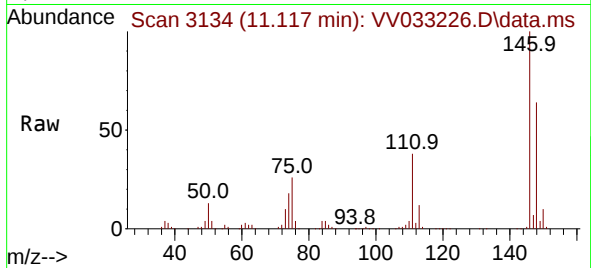




#64
1,3-Dichlorobenzene
Concen: 51.761 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

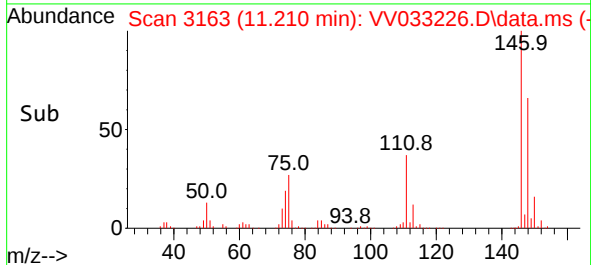
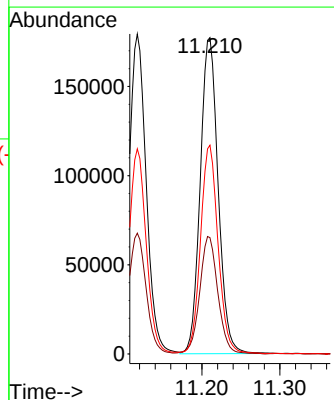
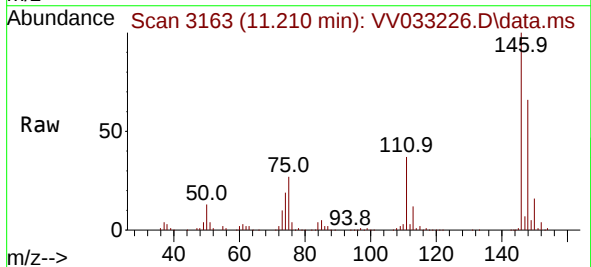
Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

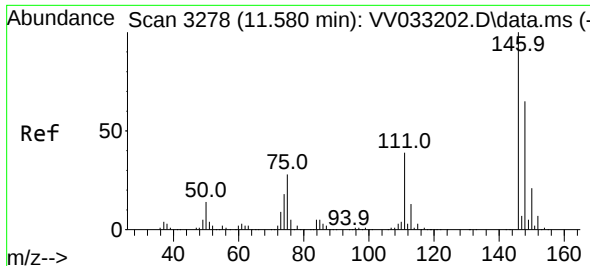
Tgt Ion:146 Resp: 276833
Ion Ratio Lower Upper
146 100
111 37.8 26.2 48.6
148 64.1 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 50.901 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion:146 Resp: 282788
Ion Ratio Lower Upper
146 100
111 36.8 25.9 48.1
148 66.0 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 52.737 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

YCH84MSD

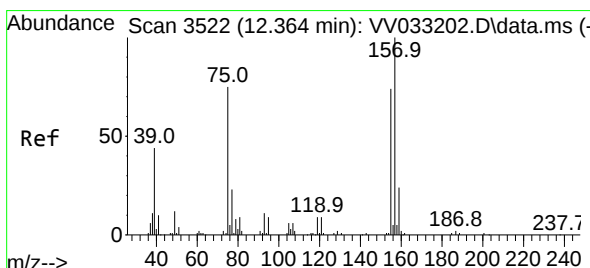
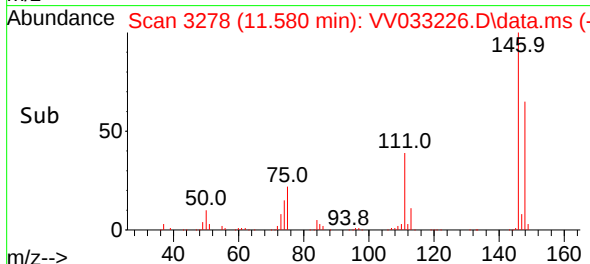
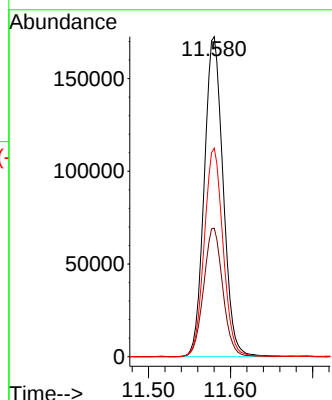
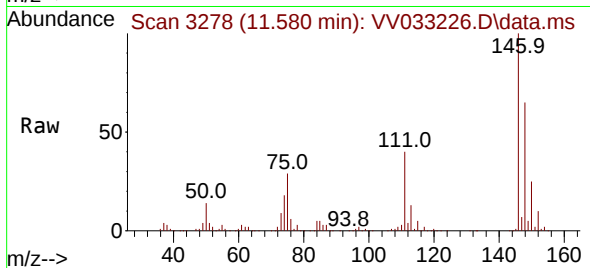
Tgt Ion:146 Resp: 276513

Ion Ratio Lower Upper

146 100

111 40.2 32.4 48.6

148 65.1 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 56.678 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

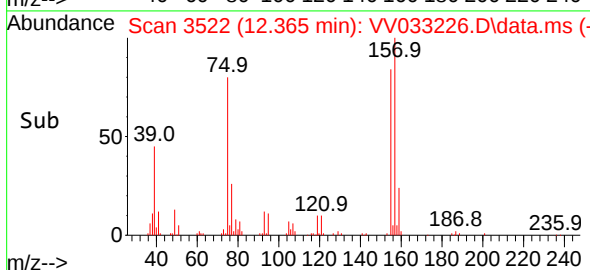
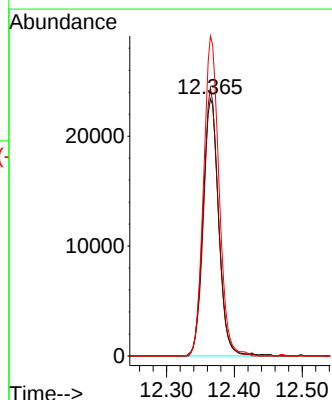
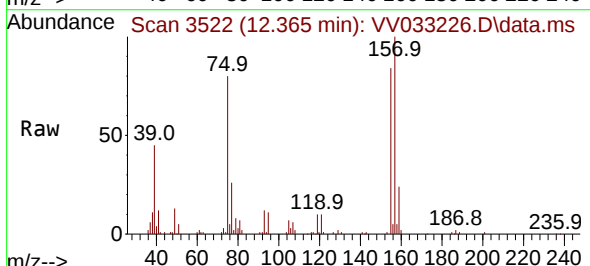
Tgt Ion: 75 Resp: 37651

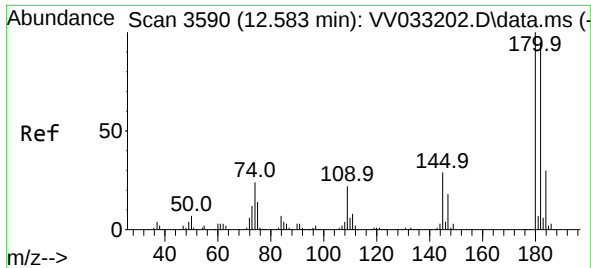
Ion Ratio Lower Upper

75 100

155 104.3 75.8 113.6

157 124.5 95.4 143.0



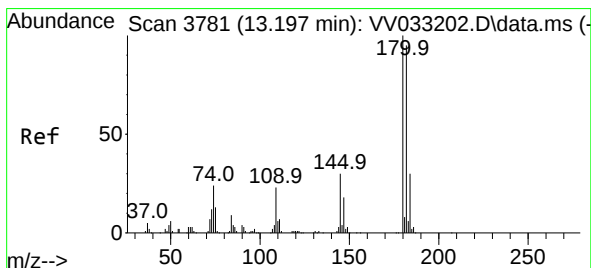
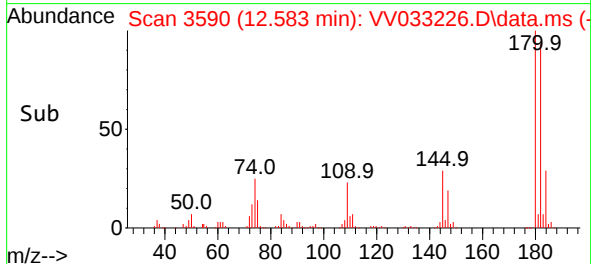
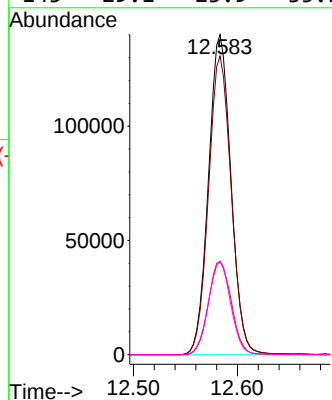
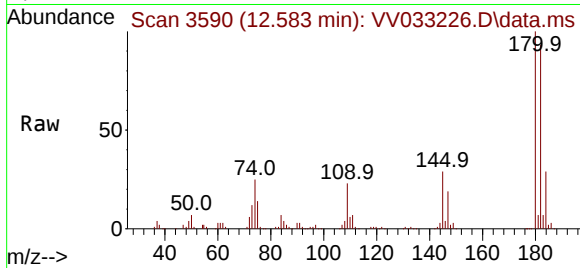


#69
1,3,5-Trichlorobenzene
Concen: 49.137 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Instrument :
MSVOA_V
ClientSampleId :
YCH84MSD

Tgt Ion:180 Resp: 210504

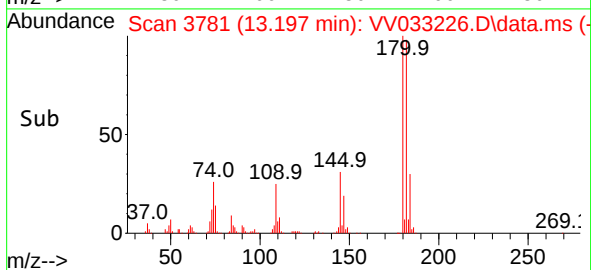
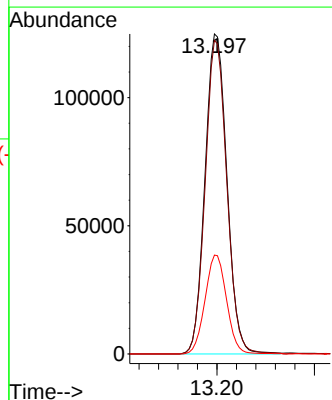
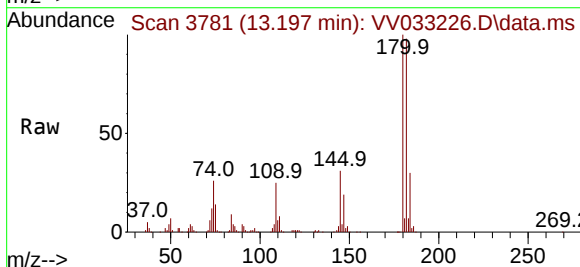
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.2	114.4
184	29.7	24.2	36.4
145	29.1	23.9	35.9

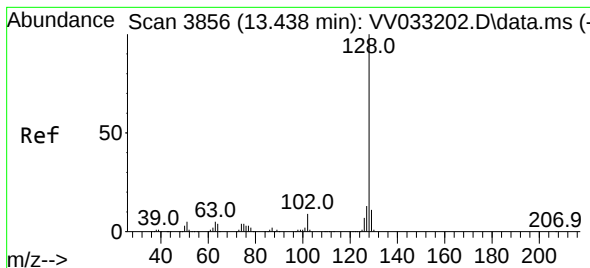


#70
1,2,4-trichlorobenzene
Concen: 49.327 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033226.D
Acq: 11 Dec 2023 20:23

Tgt Ion:180 Resp: 195234

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.3	114.5
145	30.3	23.4	35.0





#71

Naphthalene

Concen: 55.949 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

YCH84MSD

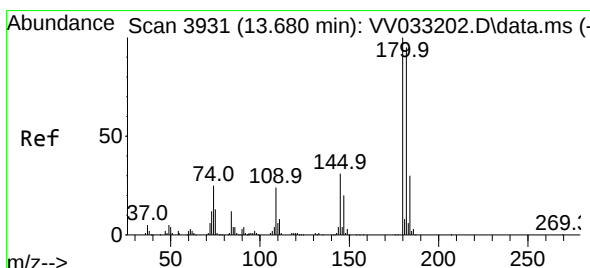
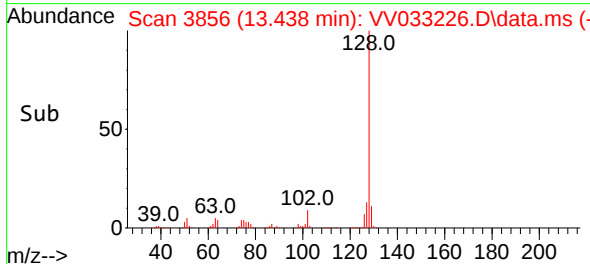
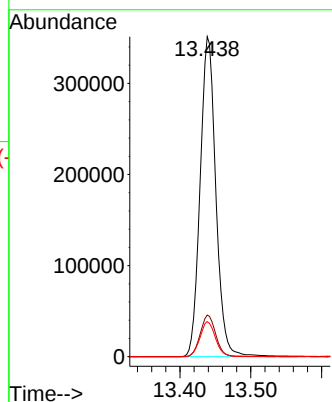
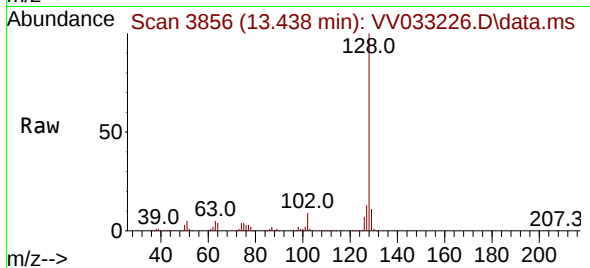
Tgt Ion:128 Resp: 540038

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: 52.459 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033226.D

Acq: 11 Dec 2023 20:23

Tgt Ion:180 Resp: 200345

Ion Ratio Lower Upper

180 100

182 95.1 75.2 112.8

145 32.8 24.9 37.3

