

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031147.D
 Acq On : 20 May 2023 08:27
 Operator : SY/MD
 Sample : 02865-21MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MS

Quant Time: May 22 00:15:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	260255	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	255276	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	148435	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	91504	41.140	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.280%
7) Chloroethane-d5	1.532	69	74101	43.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.500%
11) 1,1-Dichloroethene-d2	2.063	65	43881	42.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.140%
21) 2-Butanone-d5	3.793	46	111460	94.047	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.050%
24) Chloroform-d	4.259	84	181207	46.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.100%
26) 1,2-Dichloroethane-d4	4.947	65	125572	47.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
32) Benzene-d6	4.966	84	315436	45.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
36) 1,2-Dichloropropane-d6	5.995	67	94449	45.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.220%
41) Toluene-d8	7.249	98	301023	46.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
43) trans-1,3-Dichloroprop...	7.558	79	44839	43.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.320%
47) 2-Hexanone-d5	8.031	63	73429	90.953	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.950%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	143067	46.067	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.140%
66) 1,2-Dichlorobenzene-d4	11.567	152	123890	46.446	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	79713	47.443	ug/L	100
3) Chloromethane	1.217	50	93441	50.798	ug/L	99
5) Vinyl chloride	1.288	62	78367	47.698	ug/L	95
6) Bromomethane	1.484	94	41614	45.195	ug/L	99
8) Chloroethane	1.548	64	51876	48.999	ug/L	97
9) Trichlorofluoromethane	1.716	101	158768	49.131	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	80293	47.116	ug/L	96
12) 1,1-Dichloroethene	2.073	96	69938	48.378	ug/L	96
13) Acetone	2.114	43	121848	79.083	ug/L	100
14) Carbon disulfide	2.246	76	127815	48.516	ug/L	99
15) Methyl Acetate	2.375	43	70005	39.977	ug/L	100
16) Methylene chloride	2.452	84	80396	49.953	ug/L	97
17) trans-1,2-Dichloroethene	2.700	96	67297	50.348	ug/L	95
18) Methyl tert-butyl Ether	2.709	73	272757	52.825	ug/L	99
19) 1,1-Dichloroethane	3.118	63	154291	50.652	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	85525	51.905	ug/L	96
22) 2-Butanone	3.873	43	131422	88.947	ug/L	100
23) Bromochloromethane	4.156	128	46195	51.018	ug/L	96
25) Chloroform	4.285	83	174289	51.219	ug/L	98

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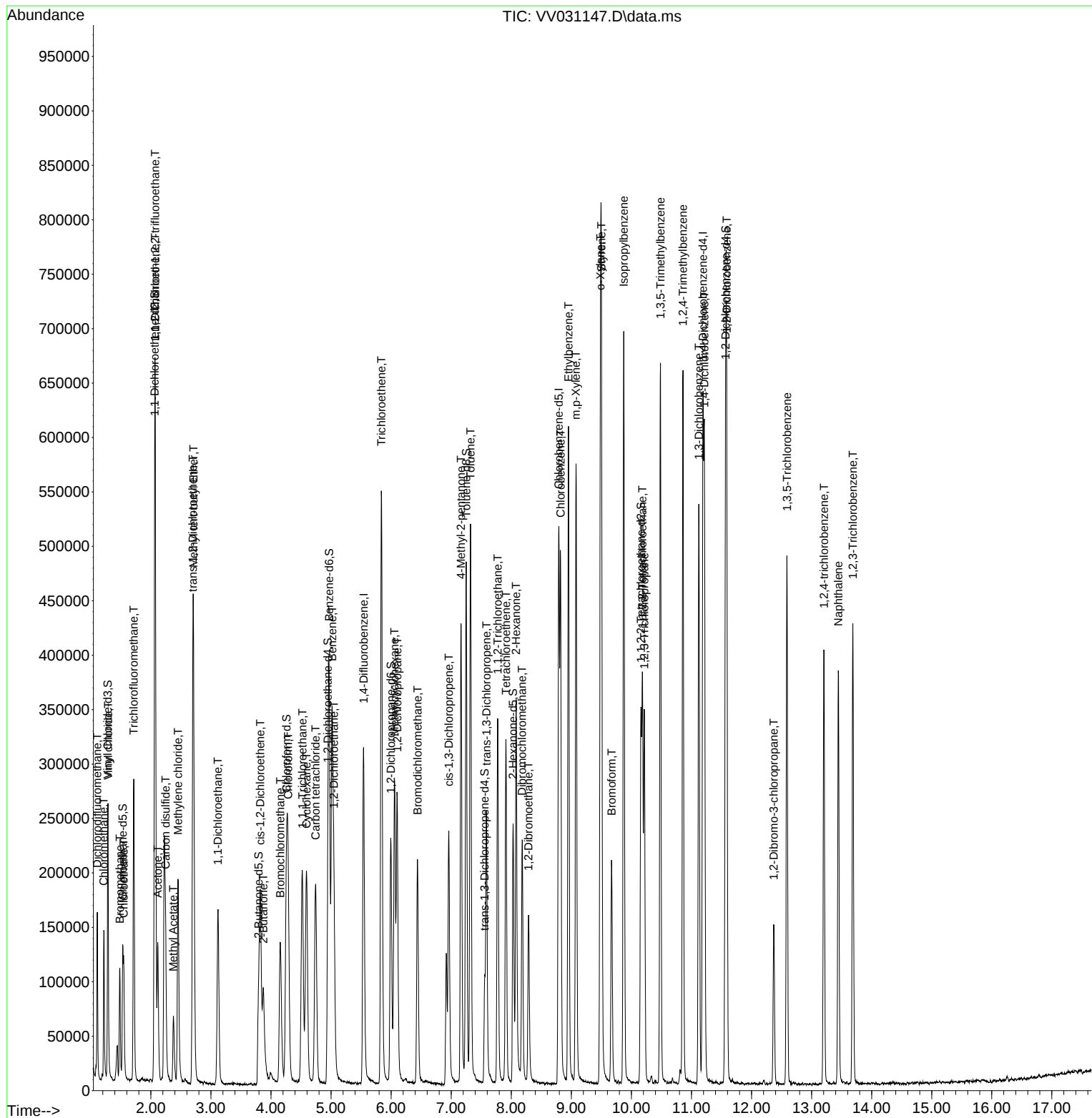
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	151997	52.646	ug/L	99
29) Cyclohexane	4.593	56	97770	48.672	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	158850	50.710	ug/L	99
31) Carbon tetrachloride	4.744	117	136598	50.055	ug/L	99
33) Benzene	5.018	78	324814	53.112	ug/L	100
34) Trichloroethene	5.838	95	179219	109.368	ug/L	98
35) Methylcyclohexane	6.056	83	104777	48.185	ug/L	99
37) 1,2-Dichloropropane	6.101	63	89549	53.200	ug/L #	97
38) Bromodichloromethane	6.439	83	129791	49.741	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	120141	46.286	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	272570	105.231	ug/L	99
42) Toluene	7.323	91	352973	53.345	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	130966	49.877	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	93774	51.053	ug/L	99
46) Tetrachloroethene	7.912	164	67419	47.913	ug/L	99
48) 2-Hexanone	8.082	43	219567	101.775	ug/L	97
49) Dibromochloromethane	8.182	129	104720	50.530	ug/L	96
50) 1,2-Dibromoethane	8.288	107	92125	50.446	ug/L	100
51) Chlorobenzene	8.821	112	235787	50.067	ug/L	98
52) Ethylbenzene	8.953	91	390054	51.488	ug/L	99
53) m,p-Xylene	9.079	106	150026	51.053	ug/L	98
54) o-Xylene	9.484	106	145699	50.259	ug/L	97
55) Styrene	9.503	104	267918	52.255	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	155044	51.373	ug/L	99
59) Bromoform	9.670	173	86085	50.016	ug/L	100
60) Isopropylbenzene	9.873	105	406034	51.147	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	121710	53.299	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	330693	50.678	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	334326	52.400	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	204969	50.390	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	210068	49.642	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	215624	52.243	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	33478	47.760	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	141624	45.040	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	119848	44.786	ug/L	99
71) Naphthalene	13.445	128	294179	42.322	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	122967	45.984	ug/L	98

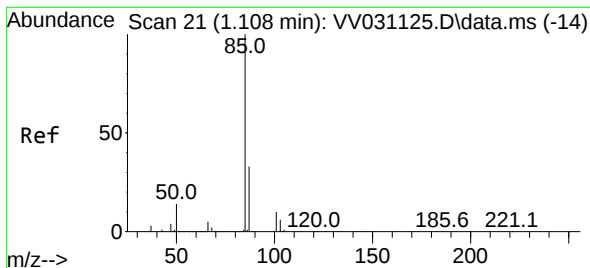
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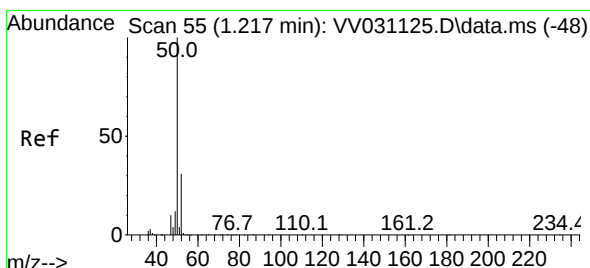
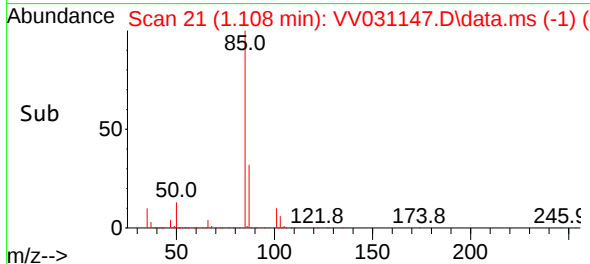
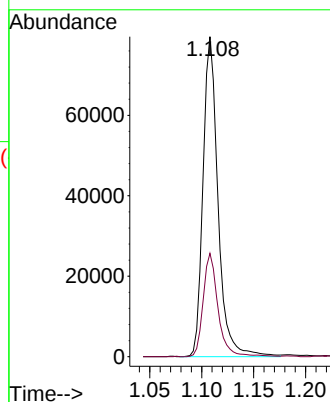
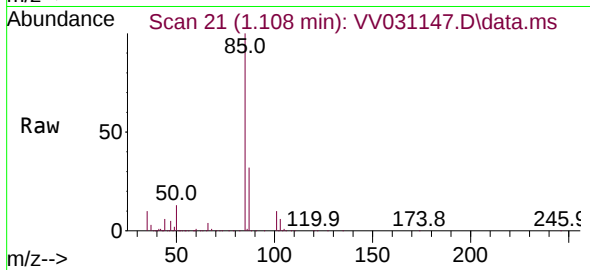




#2
 Dichlorodifluoromethane
 Concen: 47.443 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031147.D
 Acq: 20 May 2023 08:27

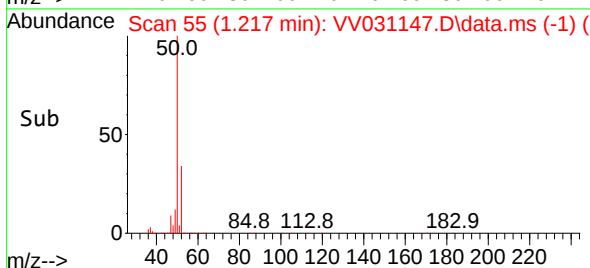
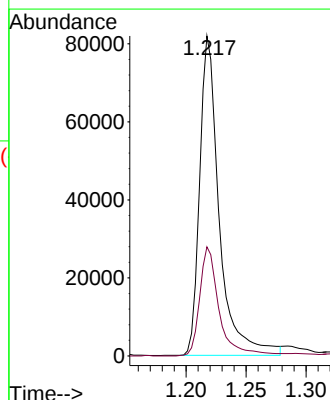
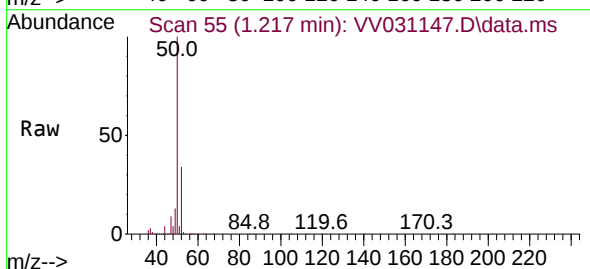
Instrument :
 MSVOA_V
 ClientSampleId :
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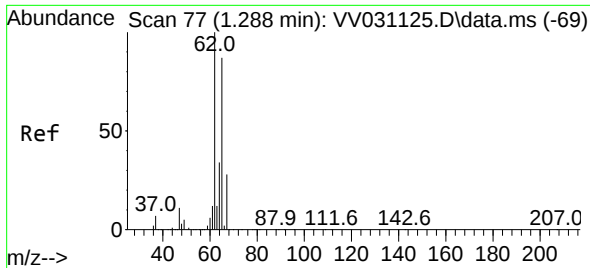
Tgt Ion: 85 Resp: 79713
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.2 37.8



#3
 Chloromethane
 Concen: 50.798 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031147.D
 Acq: 20 May 2023 08:27

Tgt Ion: 50 Resp: 93441
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.3 43.3

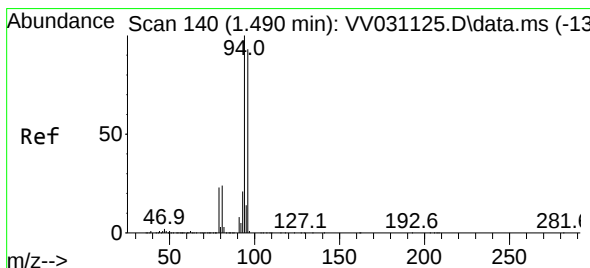
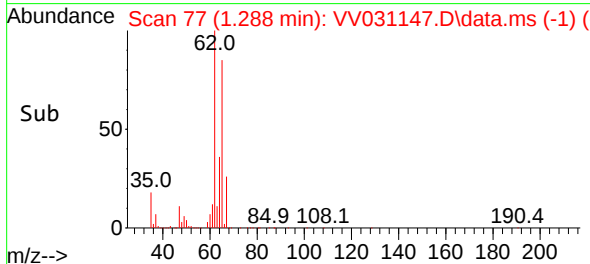
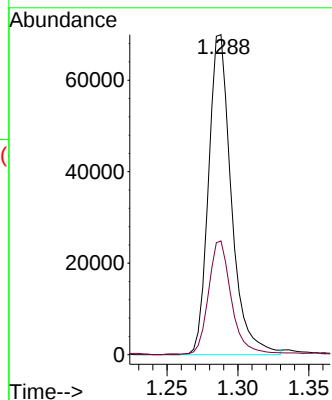
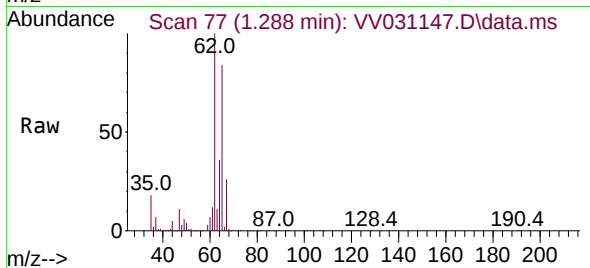




#5
 Vinyl chloride
 Concen: 47.698 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV031147.D
 Acq: 20 May 2023 08:27

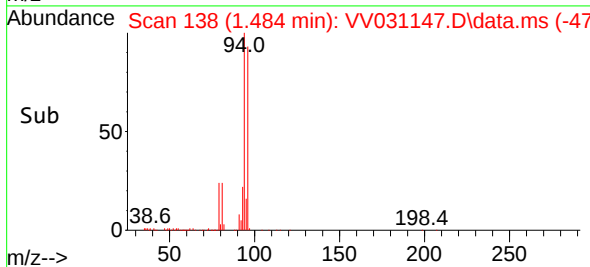
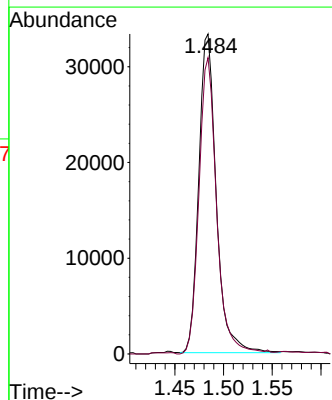
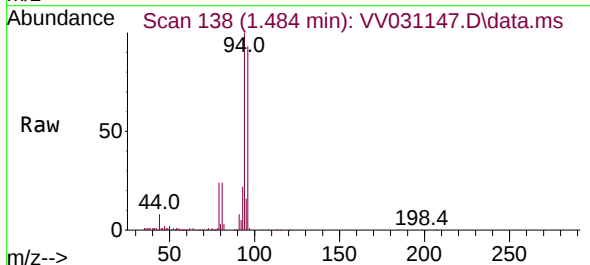
Instrument :
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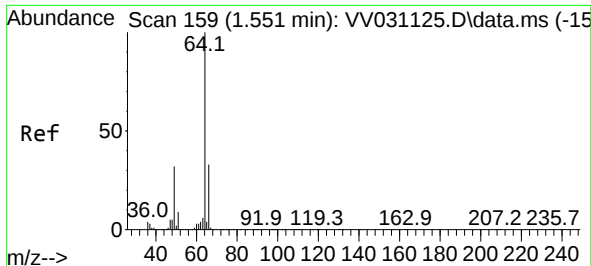
Tgt Ion: 62 Resp: 78367
 Ion Ratio Lower Upper
 62 100
 64 35.6 23.1 42.9



#6
 Bromomethane
 Concen: 45.195 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.006 min
 Lab File: VV031147.D
 Acq: 20 May 2023 08:27

Tgt Ion: 94 Resp: 41614
 Ion Ratio Lower Upper
 94 100
 96 92.6 63.9 118.7

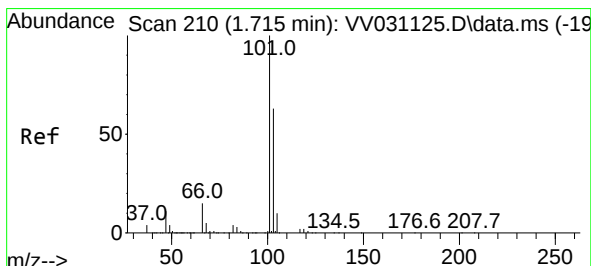
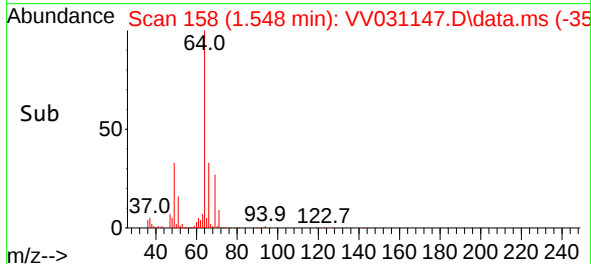
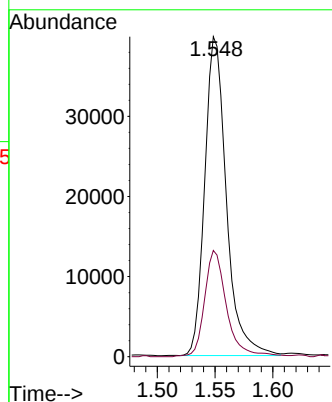
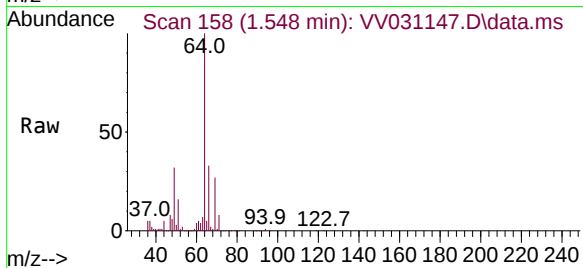




#8
Chloroethane
Concen: 48.999 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

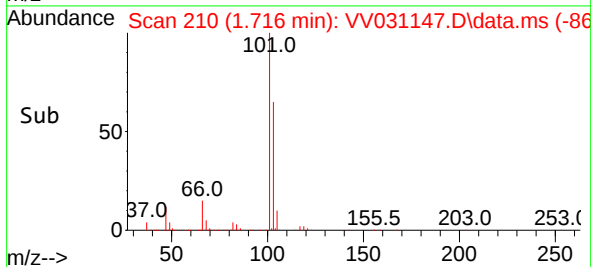
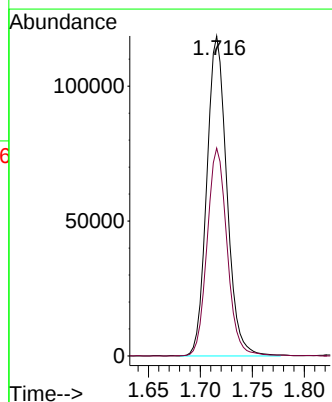
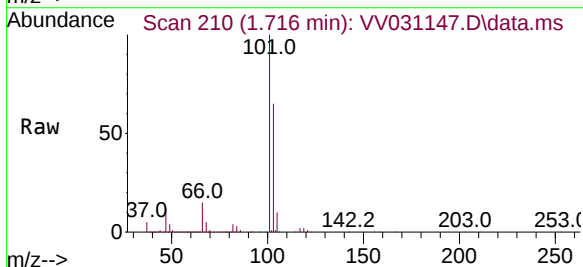
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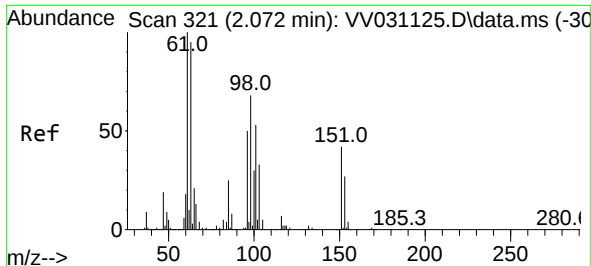
Tgt Ion: 64 Resp: 51876
Ion Ratio Lower Upper
64 100
66 33.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 49.131 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion:101 Resp: 158768
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2





#10

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

Concen: 47.116 ug/L

RT: 2.073 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

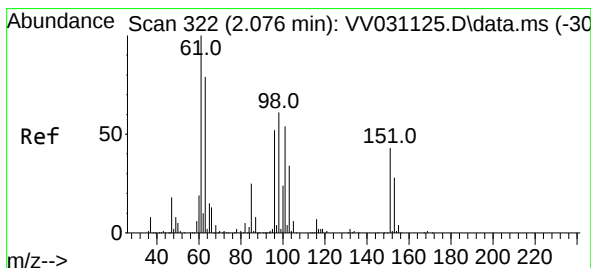
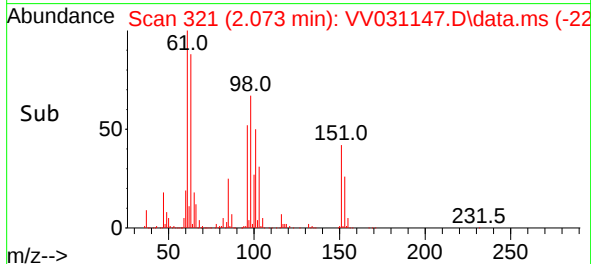
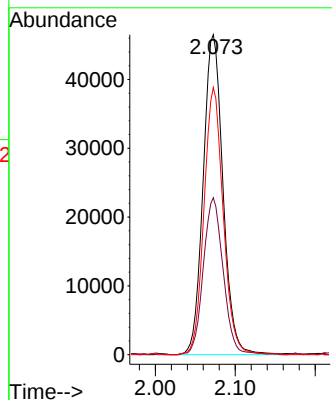
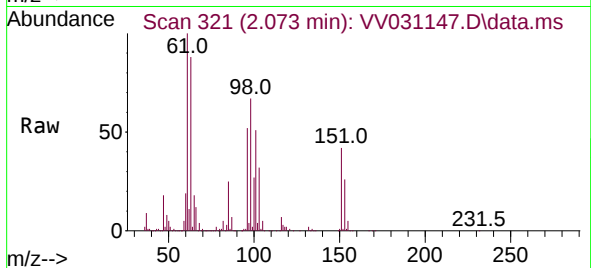
Tgt Ion:101 Resp: 80293

Ion Ratio Lower Upper

101 100

85 49.0 38.0 57.0

151 81.0 61.7 92.5



#12

1,1-Dichloroethene

Concen: 48.378 ug/L

RT: 2.073 min Scan# 321

Delta R.T. -0.003 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

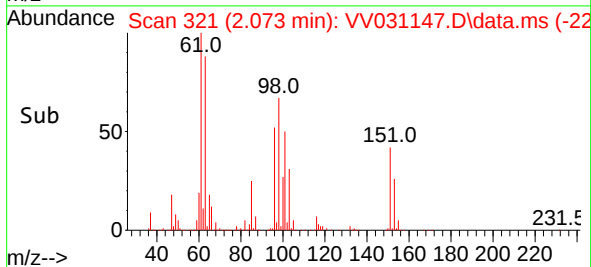
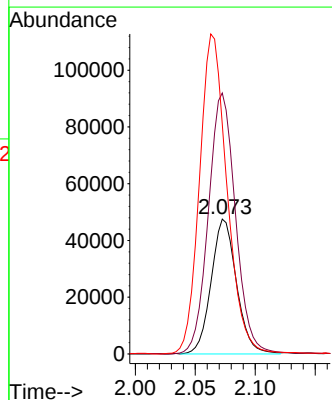
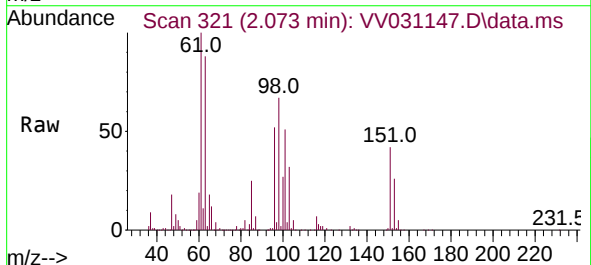
Tgt Ion: 96 Resp: 69938

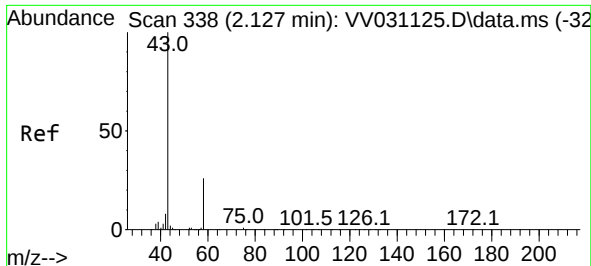
Ion Ratio Lower Upper

96 100

61 193.4 137.9 256.1

63 170.3 114.2 212.0





#13

Acetone

Concen: 79.083 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.013 min

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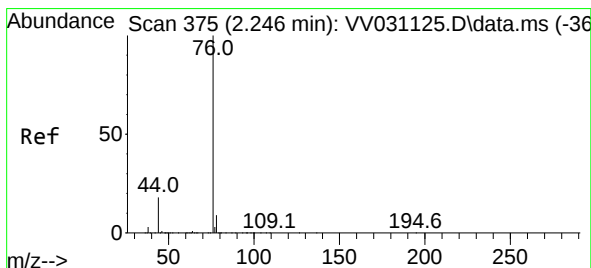
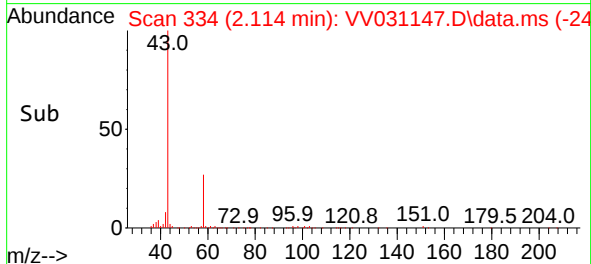
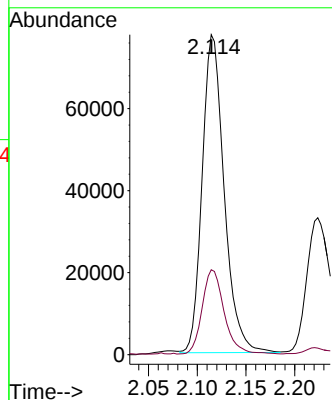
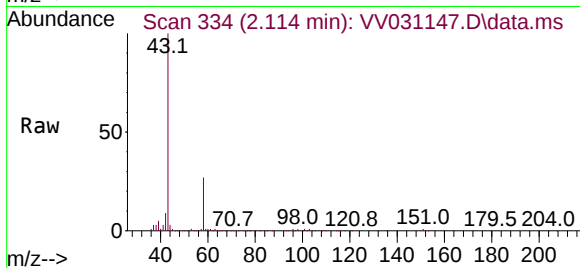
GBX75MS

Tgt Ion: 43 Resp: 121848

Ion Ratio Lower Upper

43 100

58 27.0 0.0 54.0



#14

Carbon disulfide

Concen: 48.516 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

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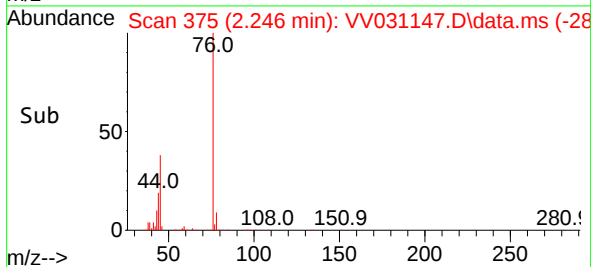
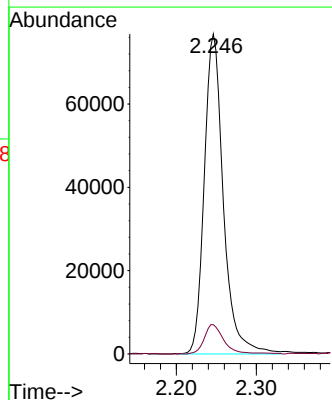
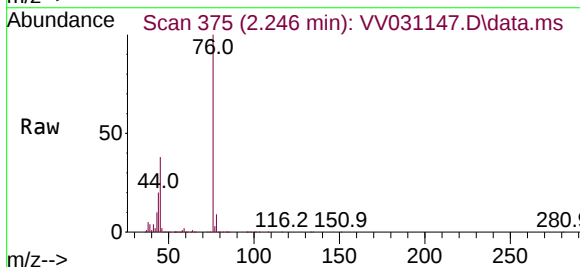
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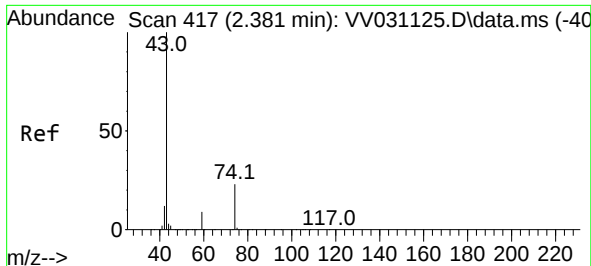
Tgt Ion: 76 Resp: 127815

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

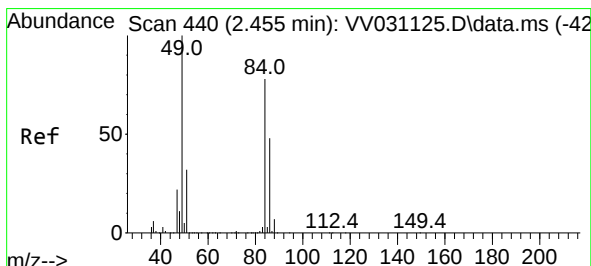
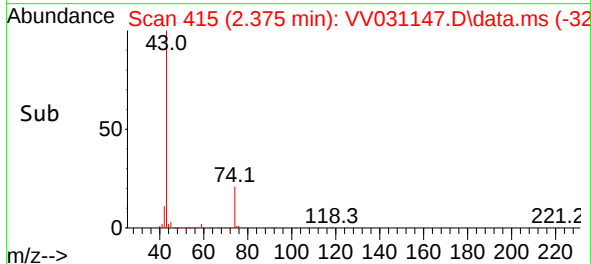
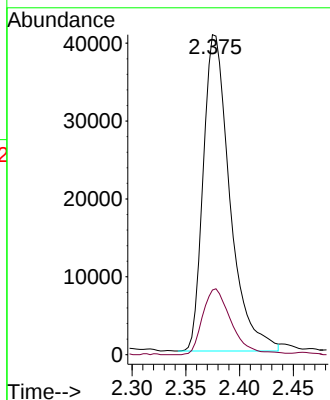
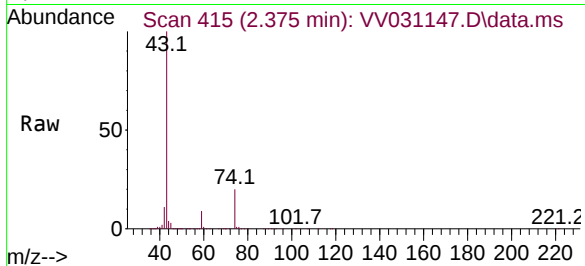




#15
Methyl Acetate
Concen: 39.977 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.006 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

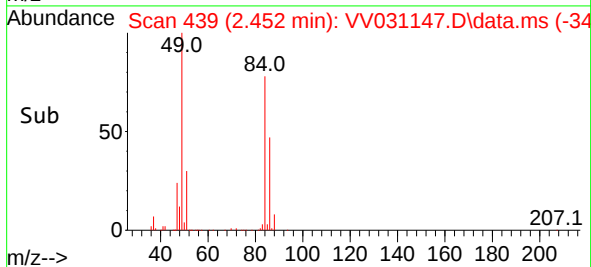
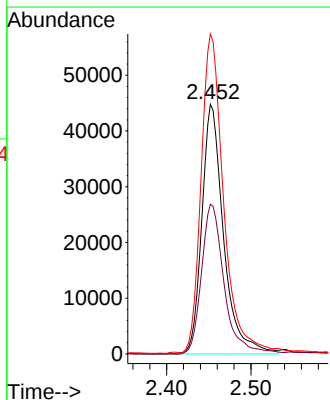
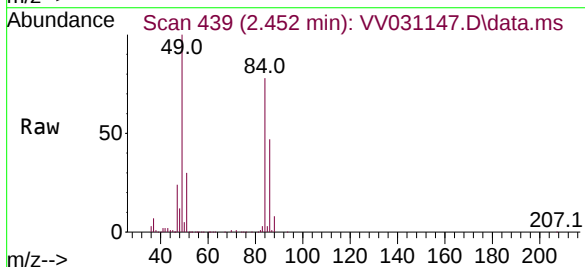
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

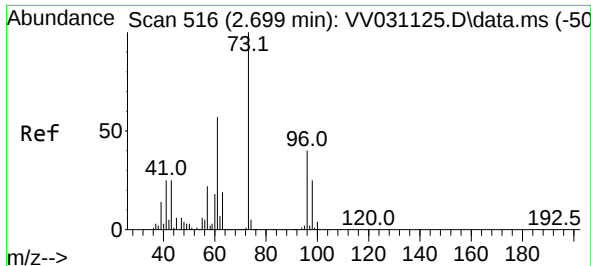
Tgt Ion: 43 Resp: 70005
Ion Ratio Lower Upper
43 100
74 22.5 18.1 27.1



#16
Methylene chloride
Concen: 49.953 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 84 Resp: 80396
Ion Ratio Lower Upper
84 100
86 59.9 43.3 80.3
49 128.1 92.6 172.0

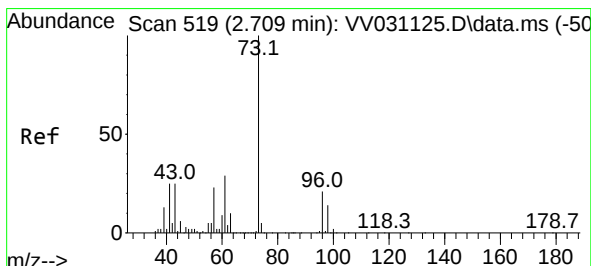
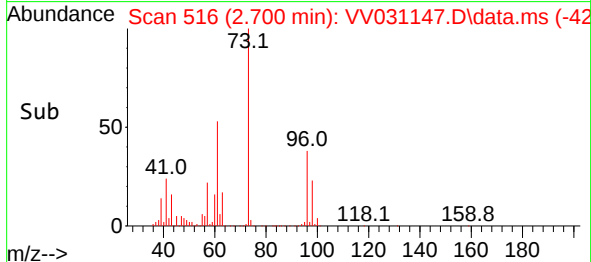
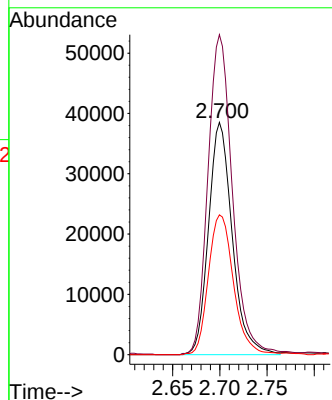
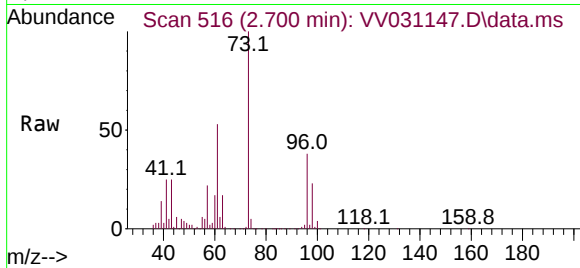




#17
trans-1,2-Dichloroethene
Concen: 50.348 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

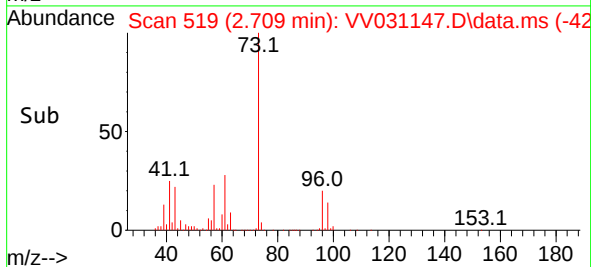
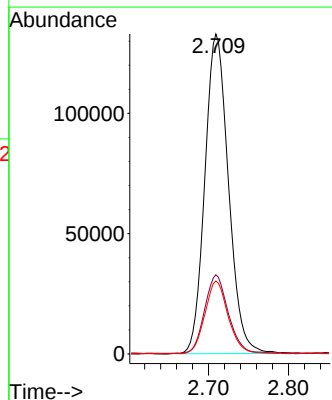
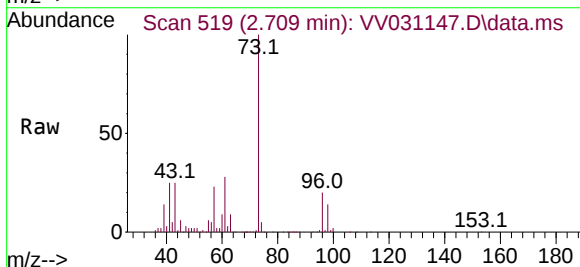
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

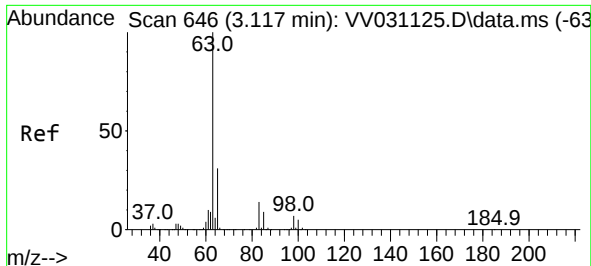
Tgt Ion: 96 Resp: 67297
Ion Ratio Lower Upper
96 100
61 137.8 100.0 185.6
98 60.2 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 52.825 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 73 Resp: 272757
Ion Ratio Lower Upper
73 100
43 24.5 19.4 29.2
57 22.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 50.652 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

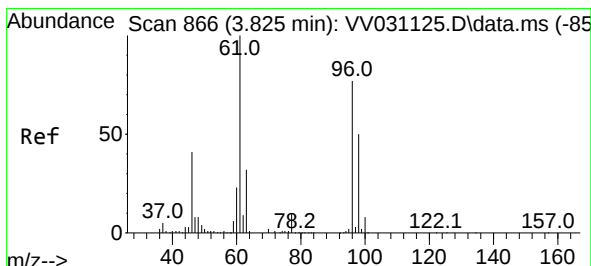
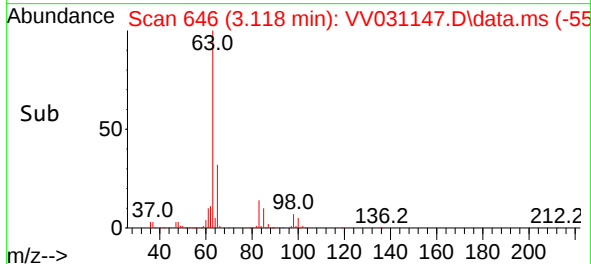
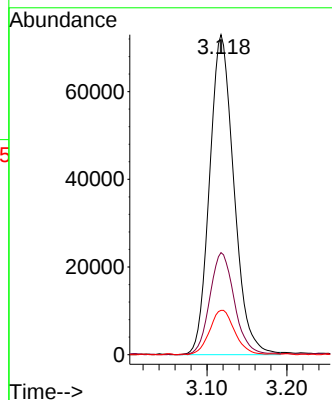
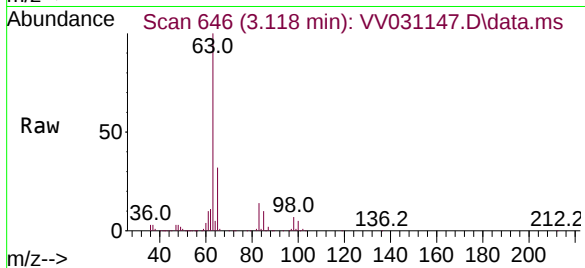
Tgt Ion: 63 Resp: 154291

Ion Ratio Lower Upper

63 100

65 31.9 21.9 40.7

83 13.9 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 51.905 ug/L

RT: 3.822 min Scan# 865

Delta R.T. -0.003 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

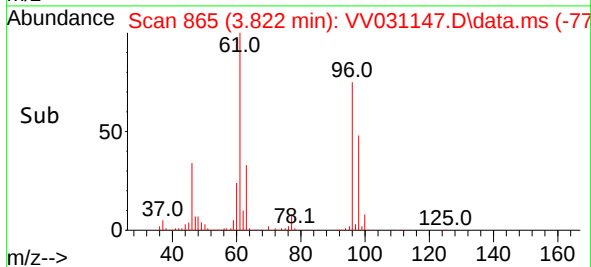
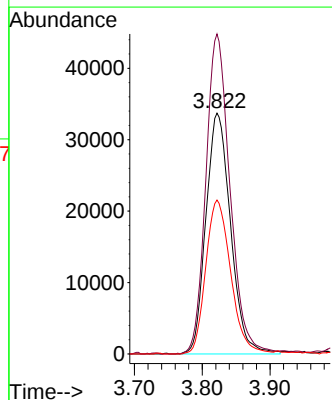
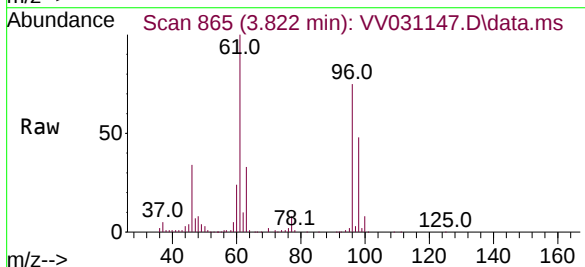
Tgt Ion: 96 Resp: 85525

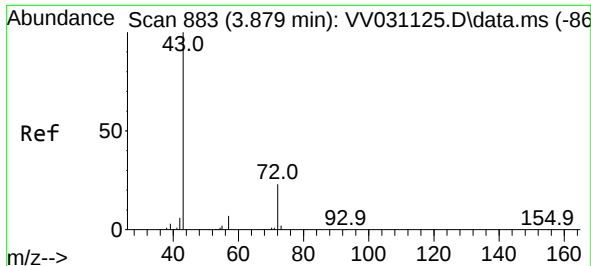
Ion Ratio Lower Upper

96 100

61 132.9 89.2 165.6

98 63.9 43.0 80.0

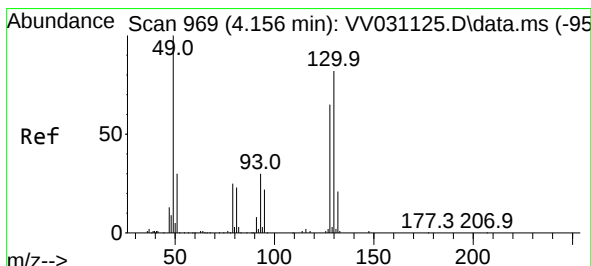
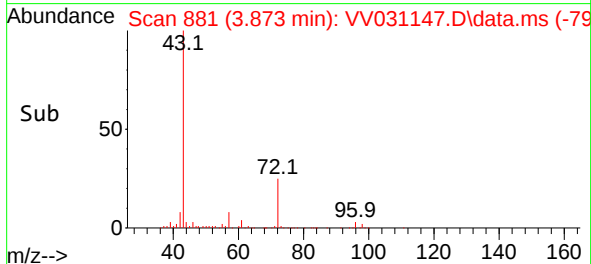
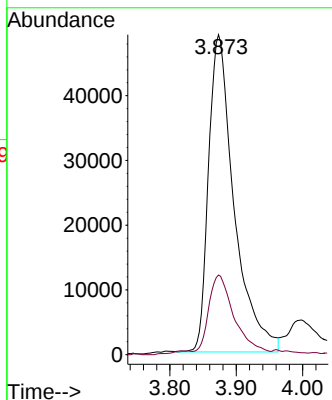
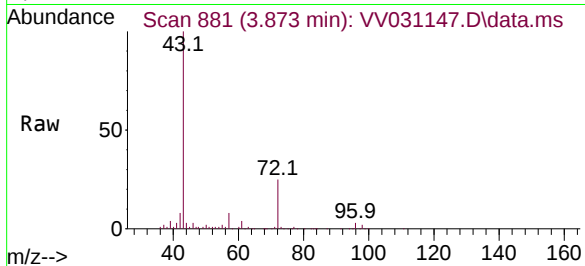




#22
2-Butanone
Concen: 88.947 ug/L
RT: 3.873 min Scan# 883
Delta R.T. -0.006 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

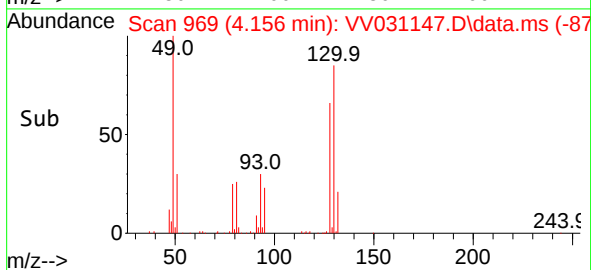
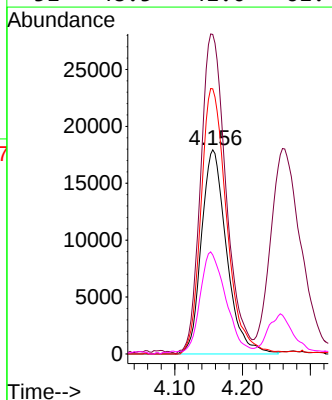
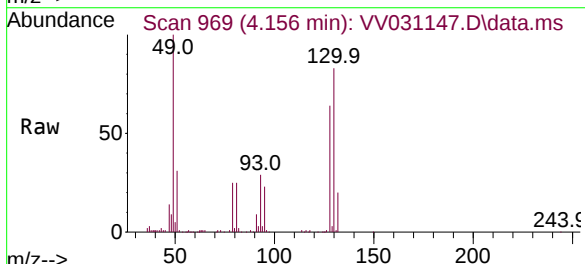
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

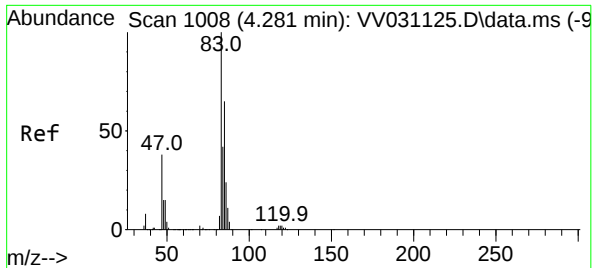
Tgt Ion: 43 Resp: 131422
Ion Ratio Lower Upper
43 100
72 23.8 11.9 35.7



#23
Bromochloromethane
Concen: 51.018 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion:128 Resp: 46195
Ion Ratio Lower Upper
128 100
49 156.4 113.2 210.2
130 129.9 87.5 162.5
51 48.5 41.0 61.4

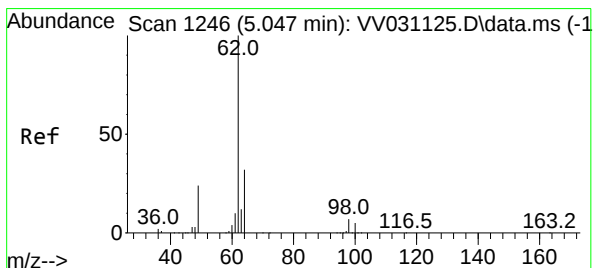
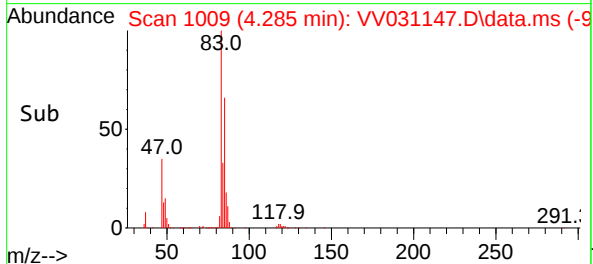
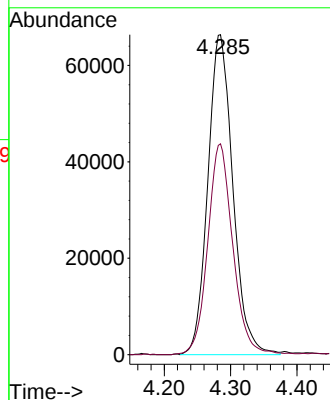
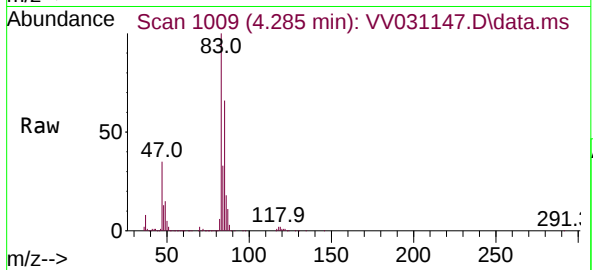




#25
Chloroform
Concen: 51.219 ug/L
RT: 4.285 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

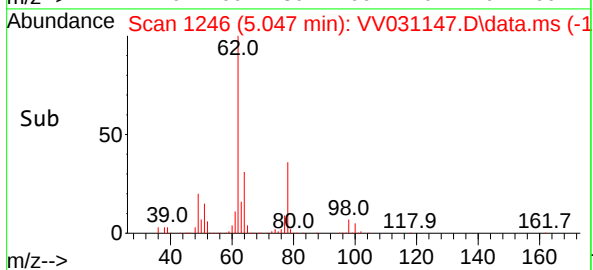
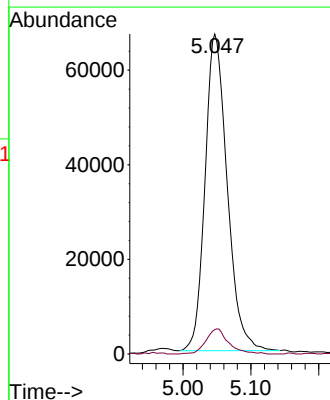
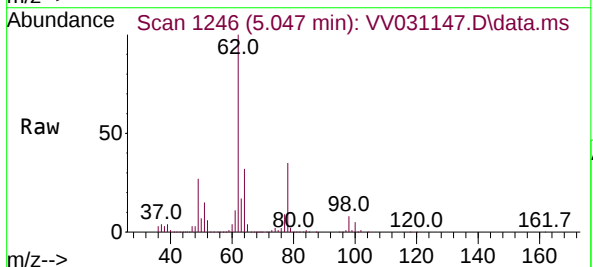
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

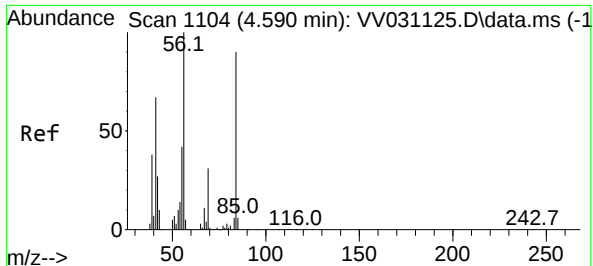
Tgt Ion: 83 Resp: 174289
Ion Ratio Lower Upper
83 100
85 65.9 47.3 87.9



#27
1,2-Dichloroethane
Concen: 52.646 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 62 Resp: 151997
Ion Ratio Lower Upper
62 100
98 7.6 6.3 9.5





#29

Cyclohexane

Concen: 48.672 ug/L

RT: 4.593 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

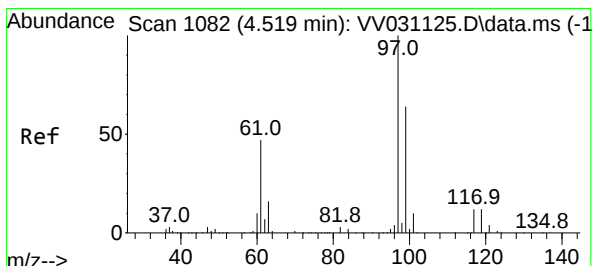
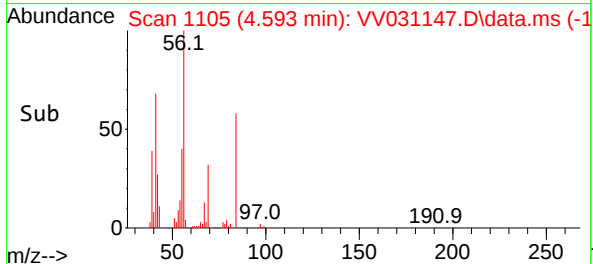
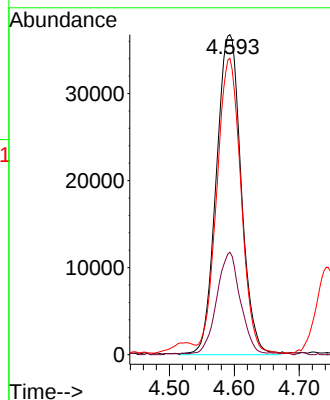
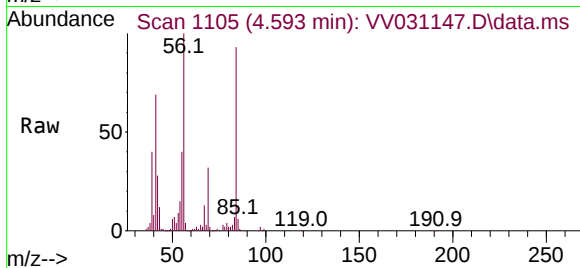
Tgt Ion: 56 Resp: 97770

Ion Ratio Lower Upper

56 100

69 29.8 25.1 37.7

84 88.9 71.5 107.3



#30

1,1,1-Trichloroethane

Concen: 50.710 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

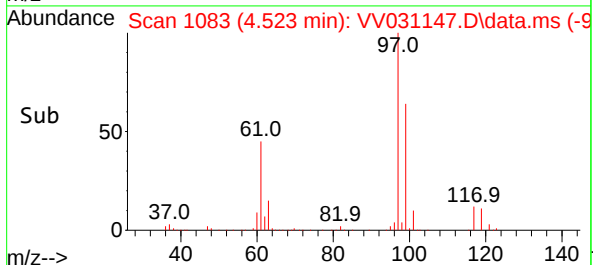
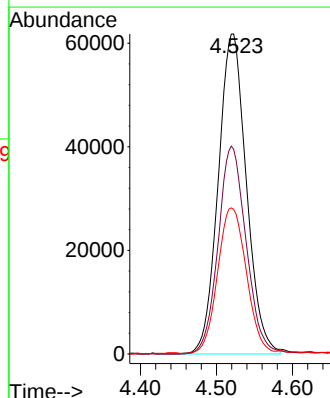
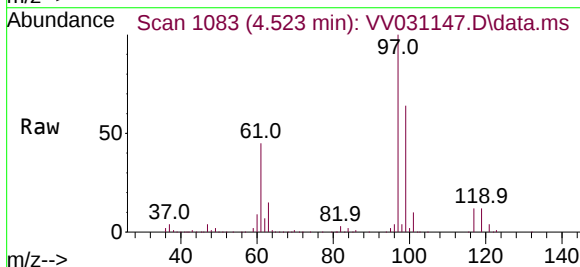
Tgt Ion: 97 Resp: 158850

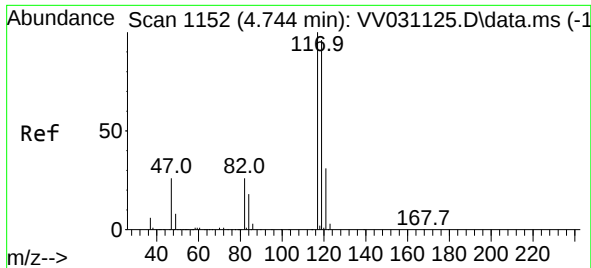
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 46.2 38.2 57.2

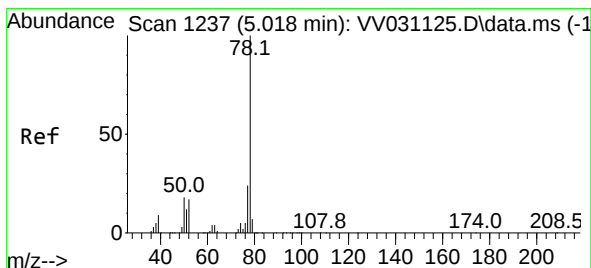
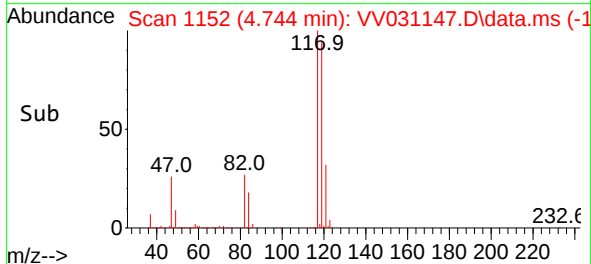
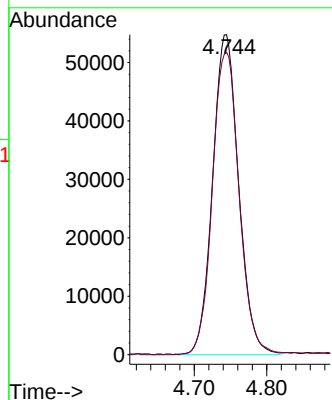
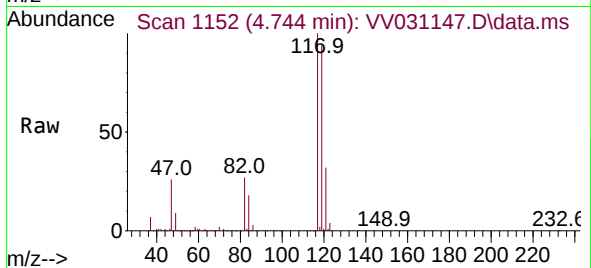




#31
Carbon tetrachloride
Concen: 50.055 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

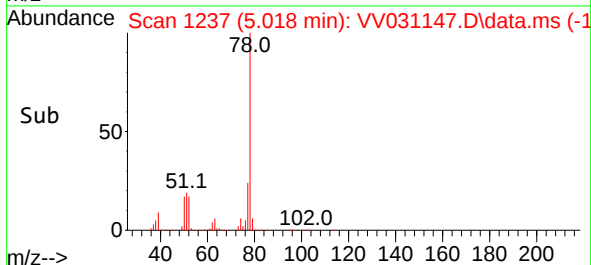
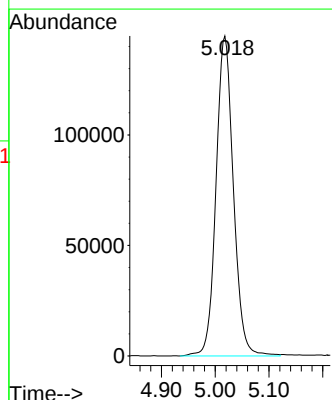
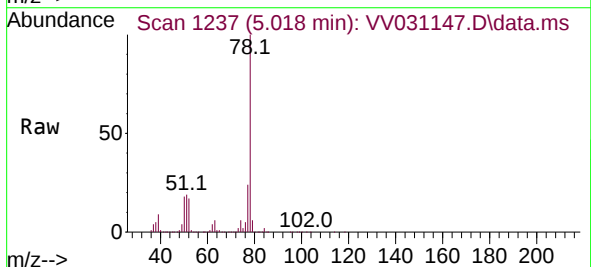
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

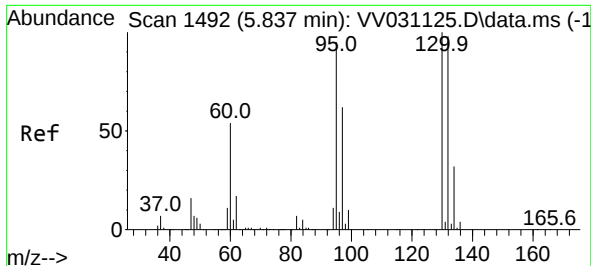
Tgt Ion:117 Resp: 136598
Ion Ratio Lower Upper
117 100
119 97.1 76.9 115.3



#33
Benzene
Concen: 53.112 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 78 Resp: 324814



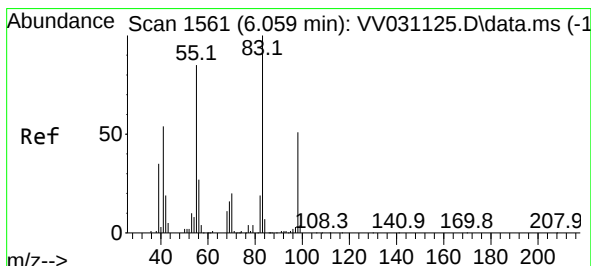
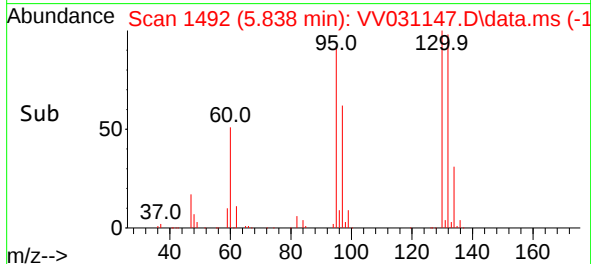
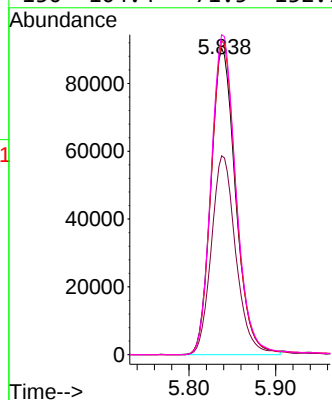
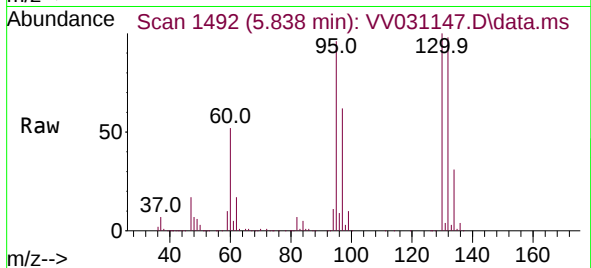


#34
Trichloroethene
Concen: 109.368 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

Tgt Ion: 95 Resp: 179219

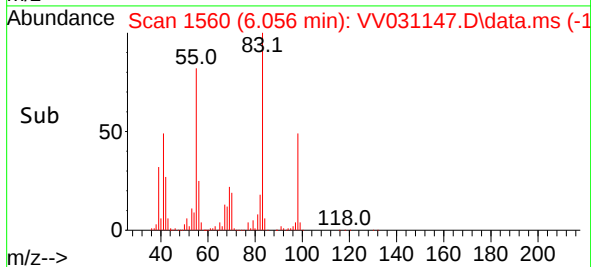
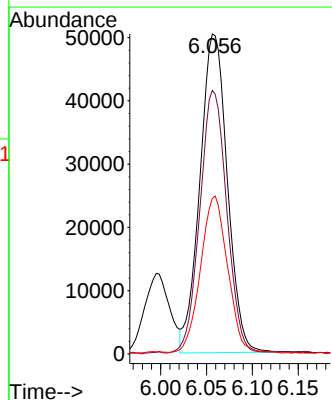
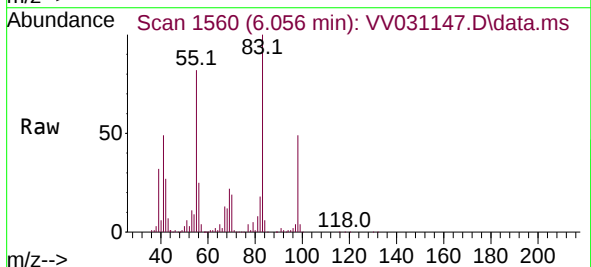
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.5
132	102.4	70.2	130.4
130	104.4	71.5	132.7

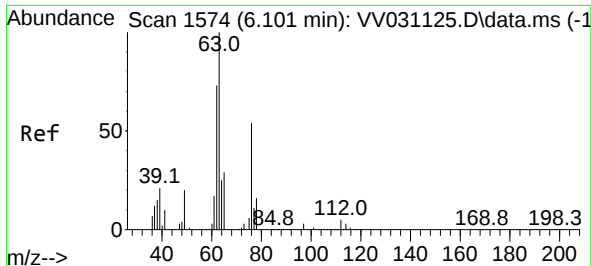


#35
Methylcyclohexane
Concen: 48.185 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 83 Resp: 104777

Ion	Ratio	Lower	Upper
83	100		
55	80.6	64.2	96.2
98	49.2	40.0	60.0

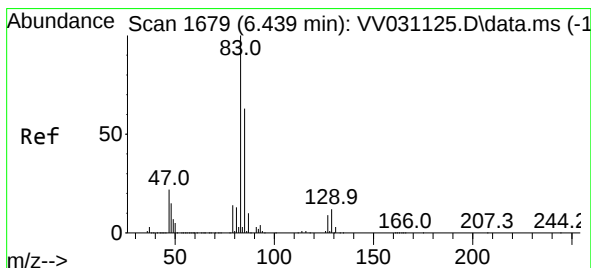
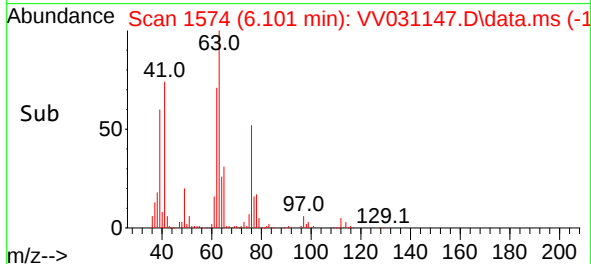
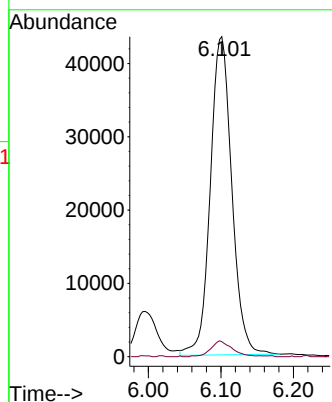
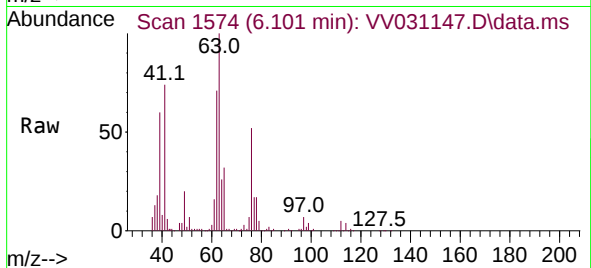




#37
1,2-Dichloropropane
Concen: 53.200 ug/L
RT: 6.101 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

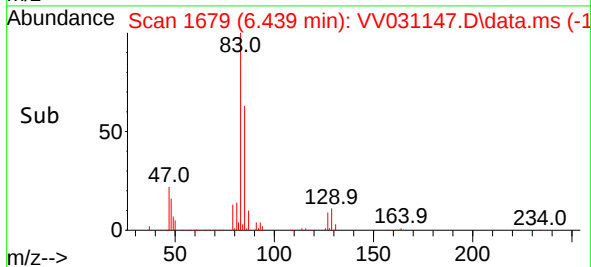
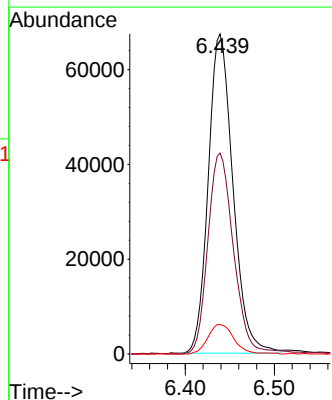
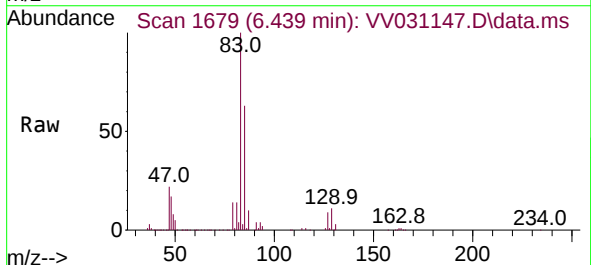
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

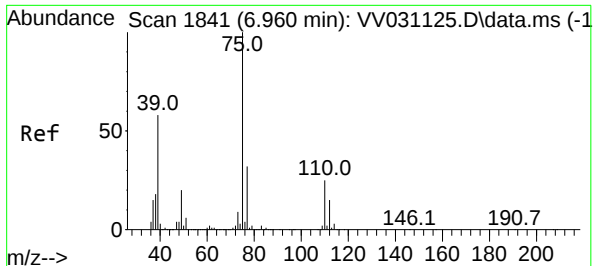
Tgt Ion: 63 Resp: 89549
Ion Ratio Lower Upper
63 100
112 4.3 4.3 6.5#



#38
Bromodichloromethane
Concen: 49.741 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 83 Resp: 129791
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.6
127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 46.286 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

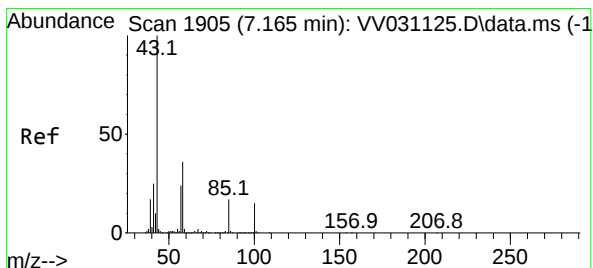
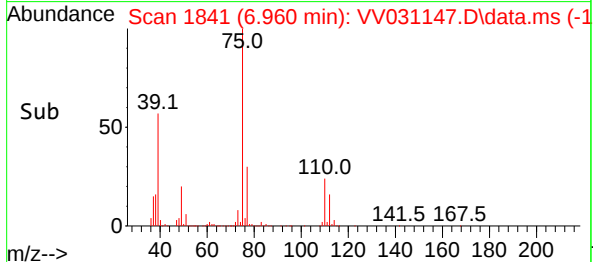
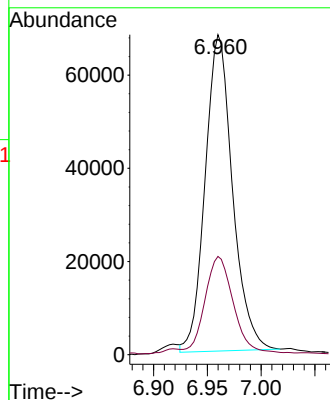
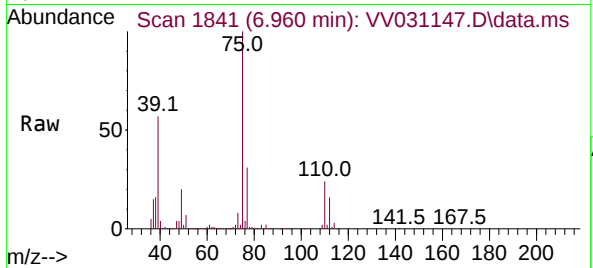
GBX75MS

Tgt Ion: 75 Resp: 120141

Ion Ratio Lower Upper

75 100

77 30.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 105.231 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

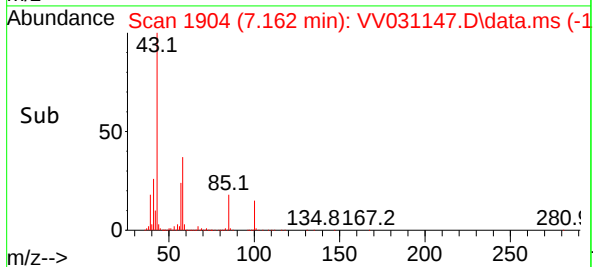
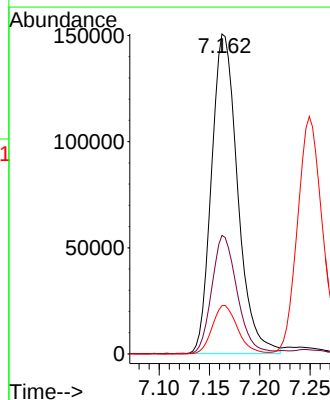
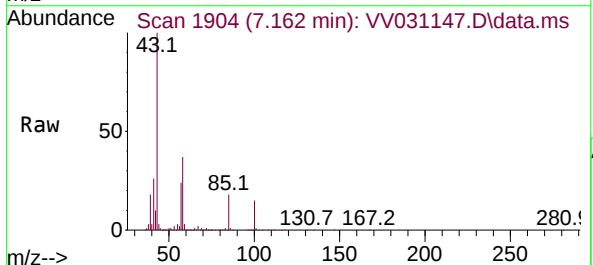
Tgt Ion: 43 Resp: 272570

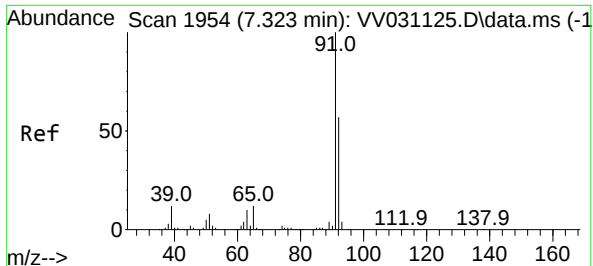
Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.4

100 14.8 12.2 18.4





#42

Toluene

Concen: 53.345 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

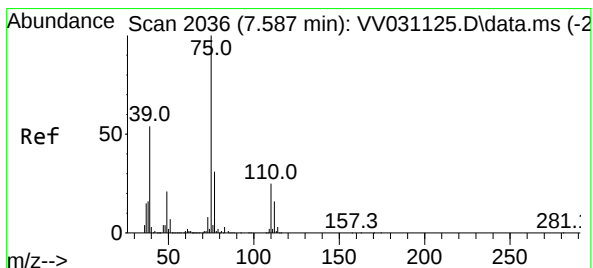
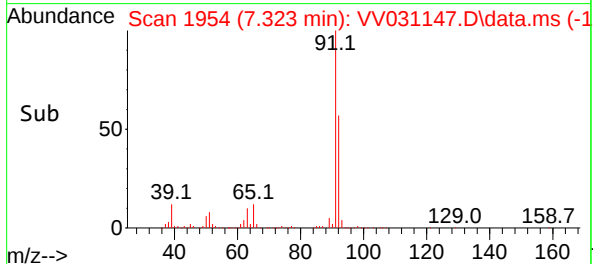
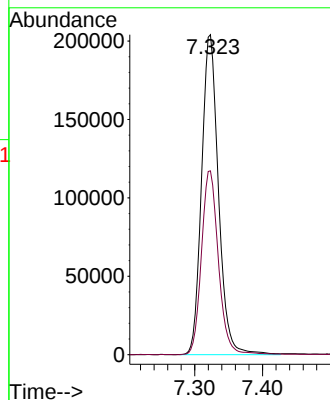
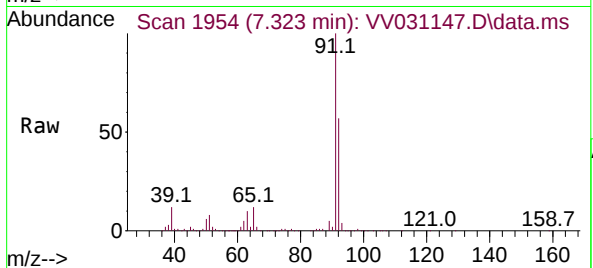
GBX75MS

Tgt Ion: 91 Resp: 352973

Ion Ratio Lower Upper

91 100

92 57.4 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 49.877 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031147.D

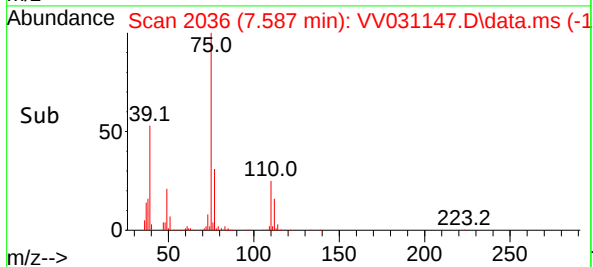
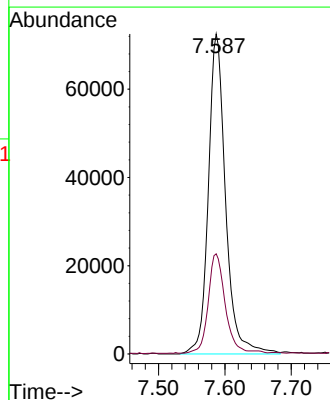
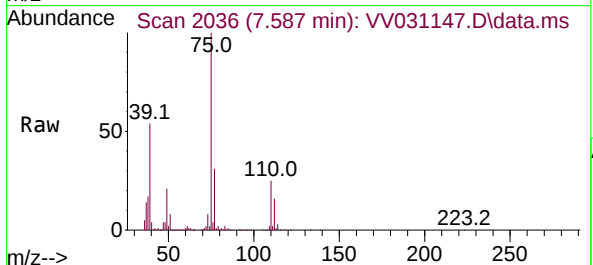
Acq: 20 May 2023 08:27

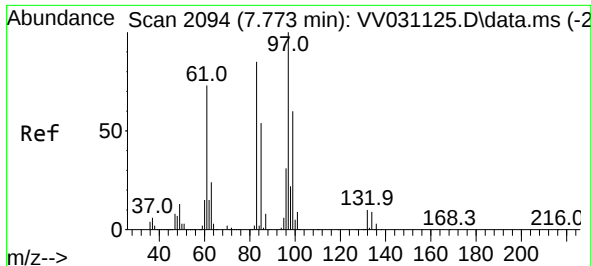
Tgt Ion: 75 Resp: 130966

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 51.053 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

Tgt Ion: 97 Resp: 93774

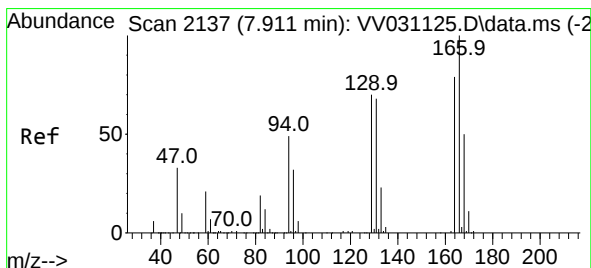
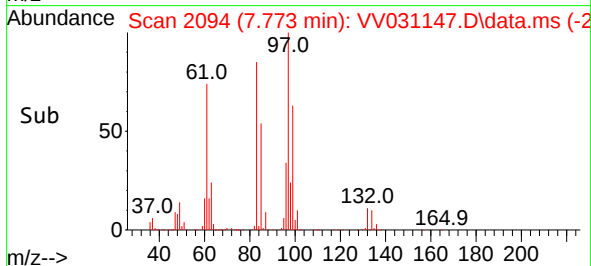
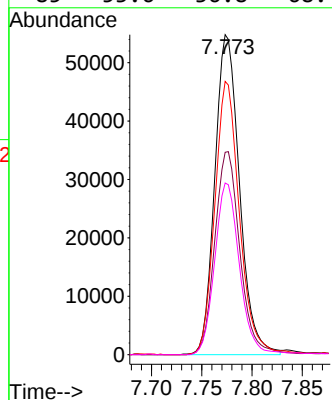
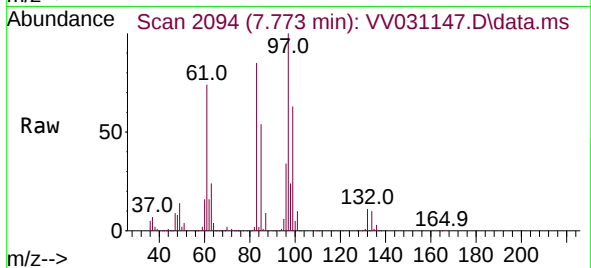
Ion Ratio Lower Upper

97 100

99 63.2 43.2 80.2

83 85.4 60.5 112.3

85 53.6 36.8 68.4



#46

Tetrachloroethene

Concen: 47.913 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Tgt Ion:164 Resp: 67419

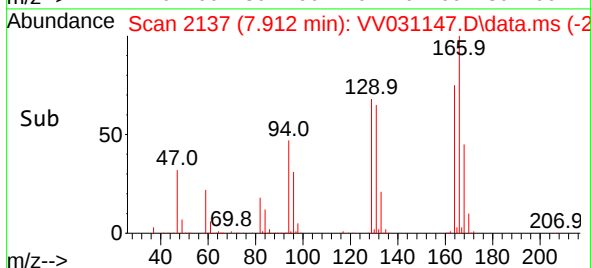
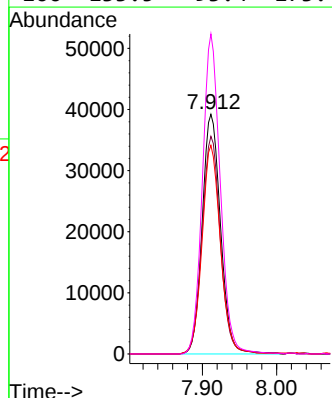
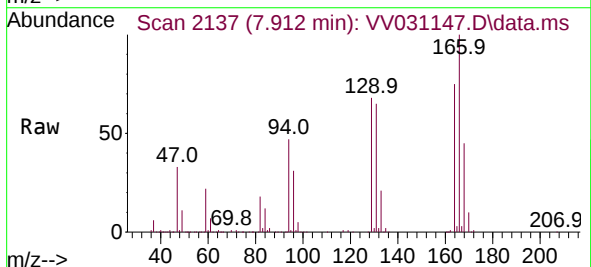
Ion Ratio Lower Upper

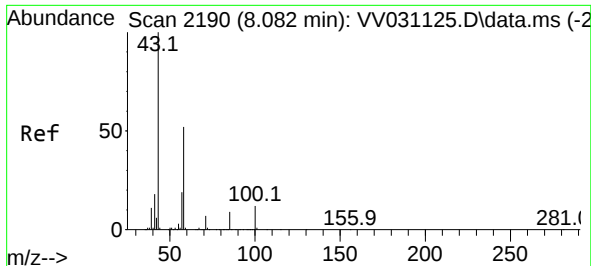
164 100

129 90.8 65.5 121.7

131 87.0 62.1 115.3

166 133.5 93.4 173.4



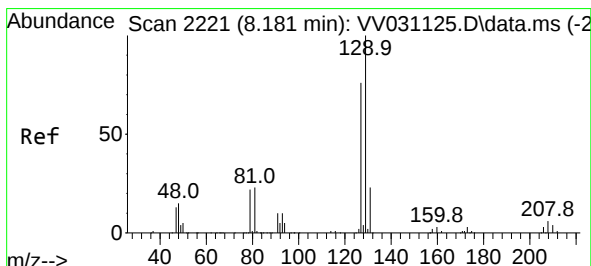
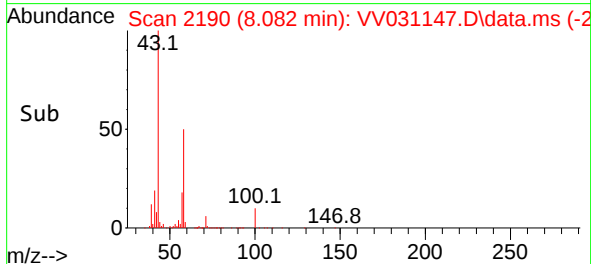
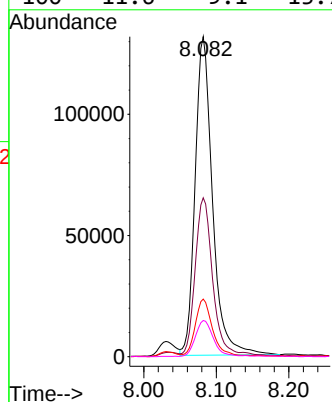
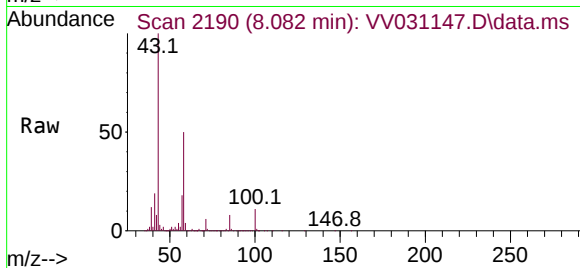


#48
2-Hexanone
Concen: 101.775 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

Tgt Ion: 43 Resp: 219567

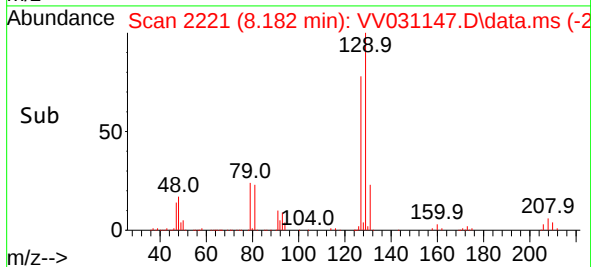
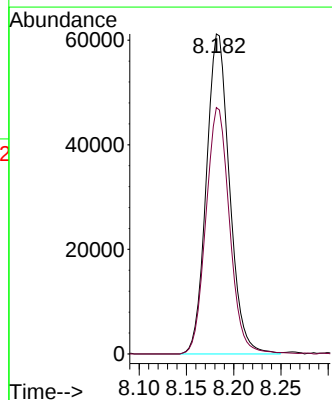
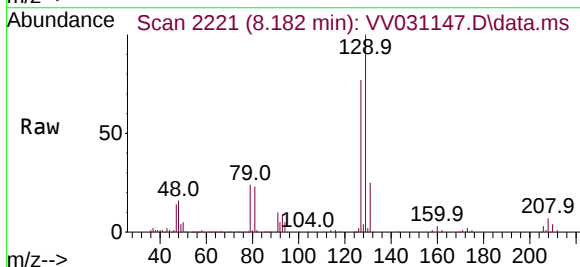
Ion	Ratio	Lower	Upper
43	100		
58	47.2	39.8	59.6
57	17.3	14.4	21.6
100	11.6	9.1	13.7

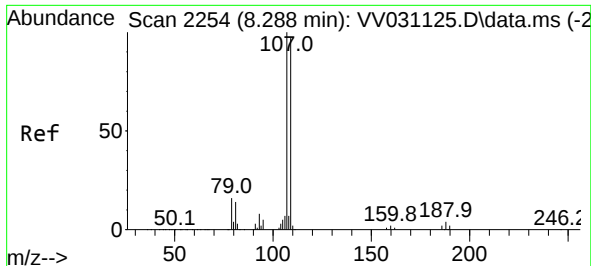


#49
Dibromochloromethane
Concen: 50.530 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 129 Resp: 104720

Ion	Ratio	Lower	Upper
129	100		
127	77.0	56.1	104.1





#50

1,2-Dibromoethane

Concen: 50.446 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

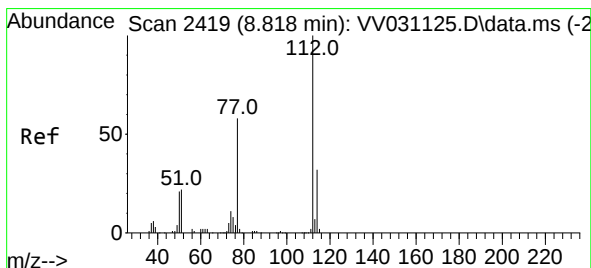
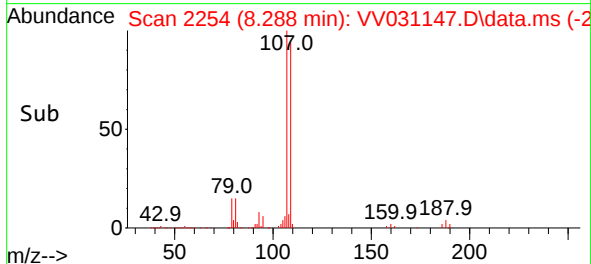
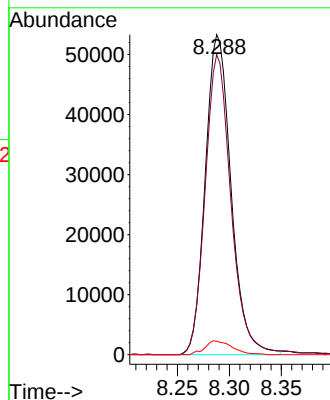
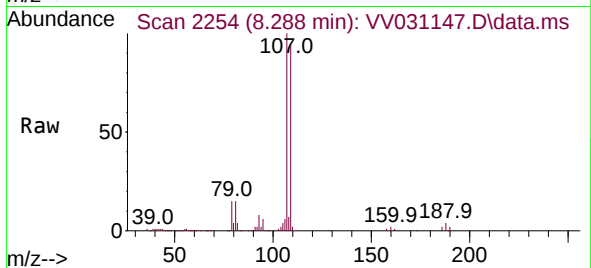
Tgt Ion:107 Resp: 92125

Ion Ratio Lower Upper

107 100

109 93.8 65.6 121.8

188 4.2 3.8 5.6



#51

Chlorobenzene

Concen: 50.067 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

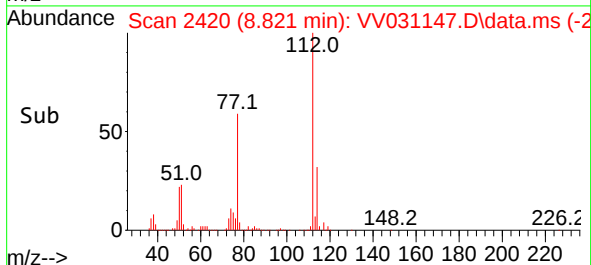
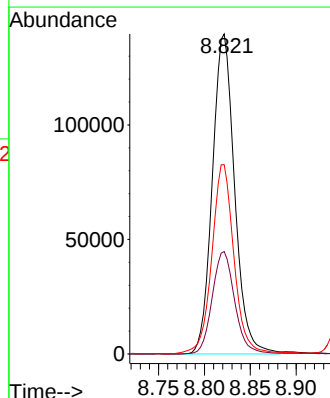
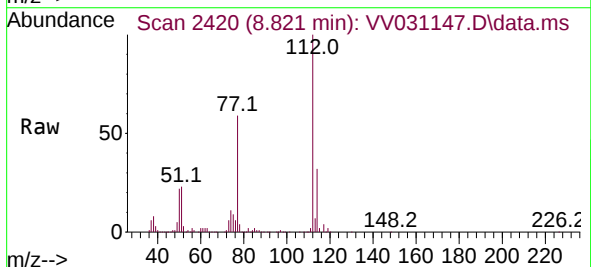
Tgt Ion:112 Resp: 235787

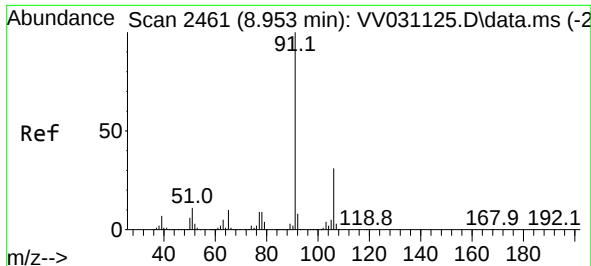
Ion Ratio Lower Upper

112 100

114 32.0 23.0 42.8

77 59.2 46.2 69.4

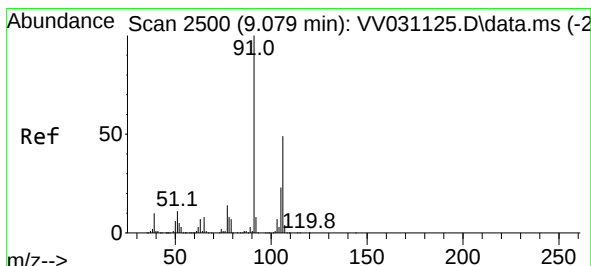
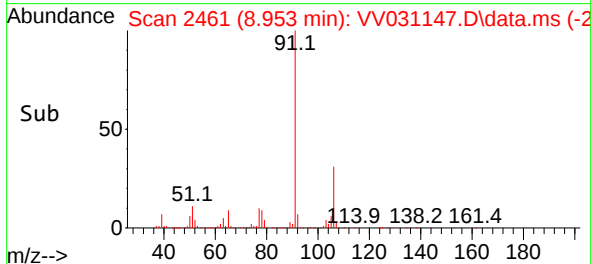
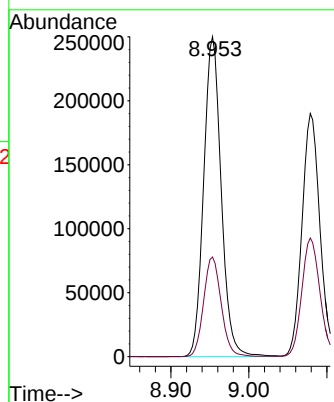
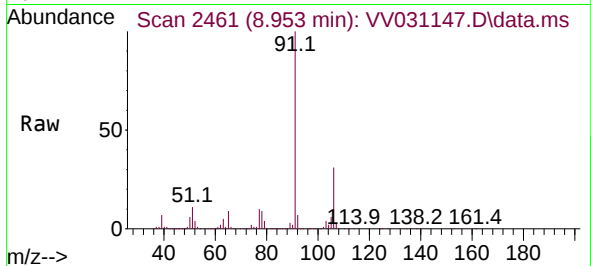




#52
Ethylbenzene
Concen: 51.488 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

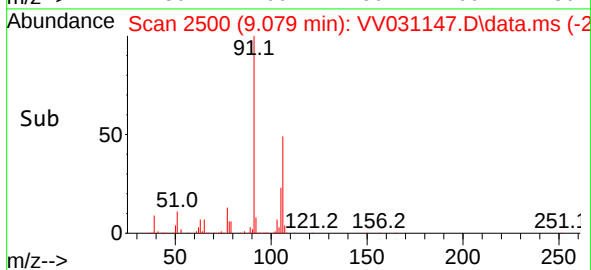
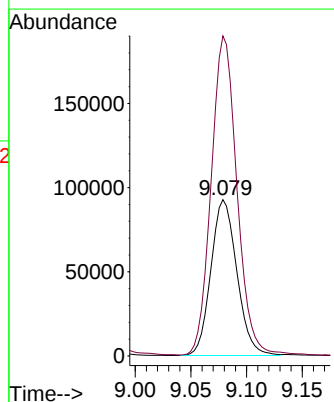
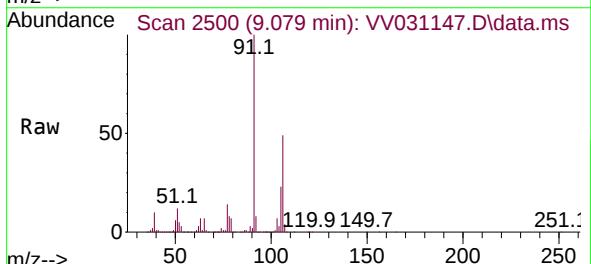
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

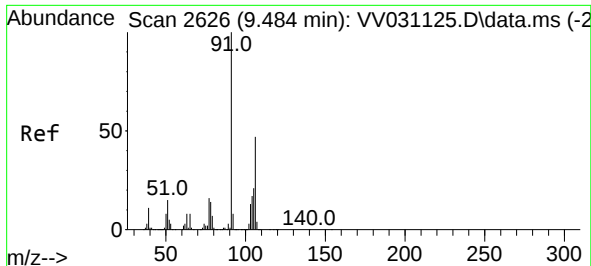
Tgt Ion: 91 Resp: 390054
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 51.053 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion:106 Resp: 150026
Ion Ratio Lower Upper
106 100
91 204.7 145.3 269.8

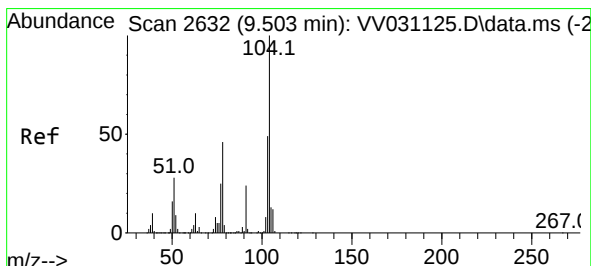
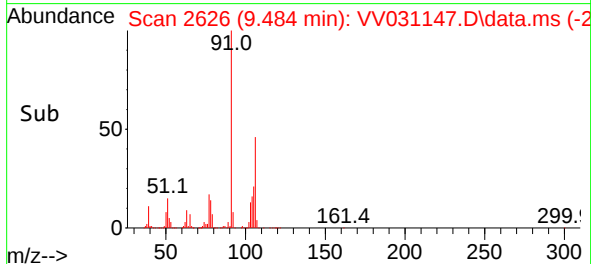
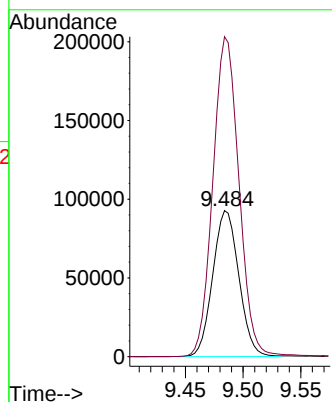
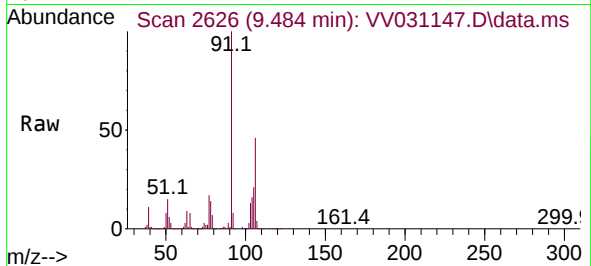




#54
o-Xylene
Concen: 50.259 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

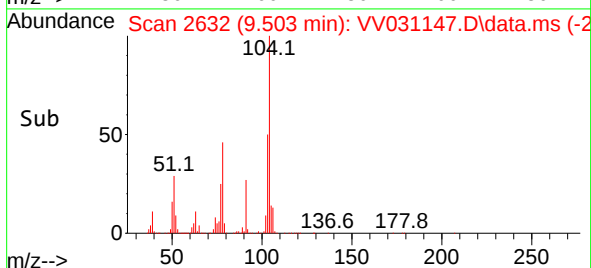
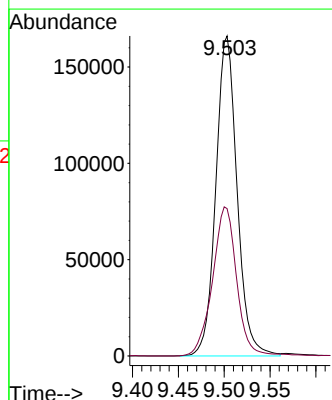
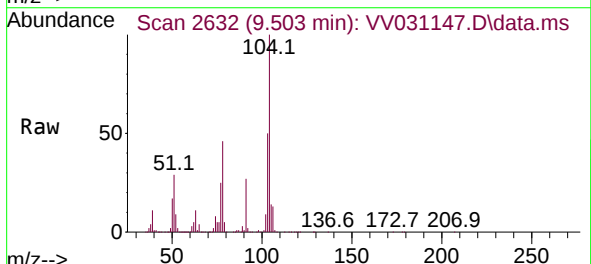
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

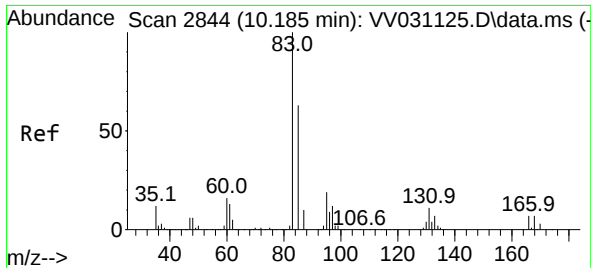
Tgt Ion:106 Resp: 145699
Ion Ratio Lower Upper
106 100
91 218.9 150.4 279.2



#55
Styrene
Concen: 52.255 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion:104 Resp: 267918
Ion Ratio Lower Upper
104 100
78 46.0 33.2 61.6

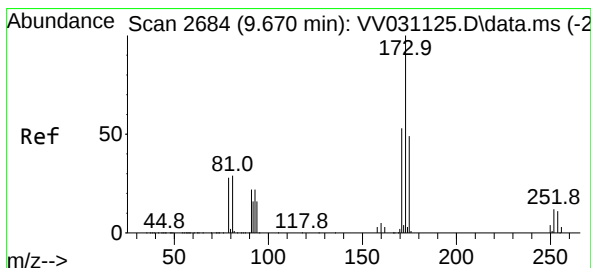
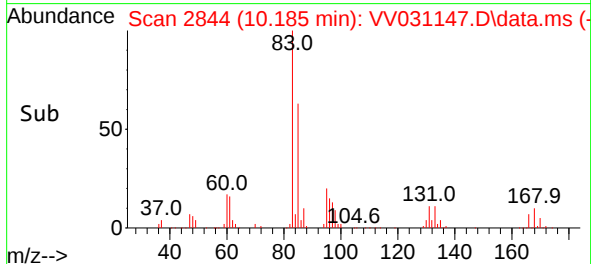
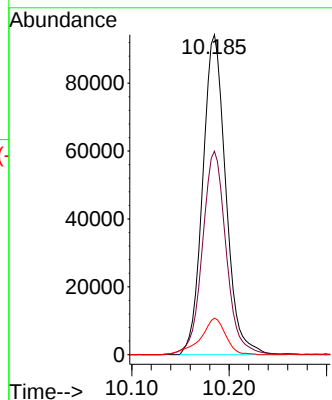
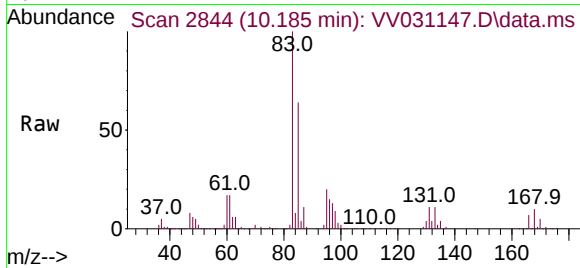




#57
1,1,2,2-Tetrachloroethane
Concen: 51.373 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

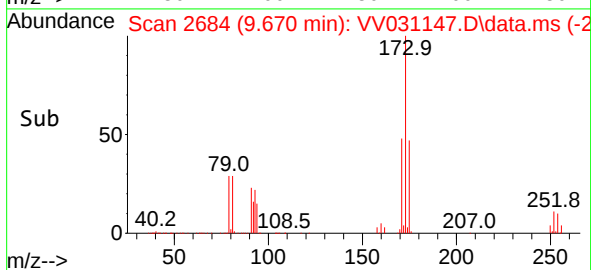
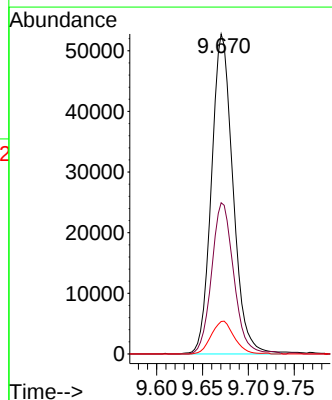
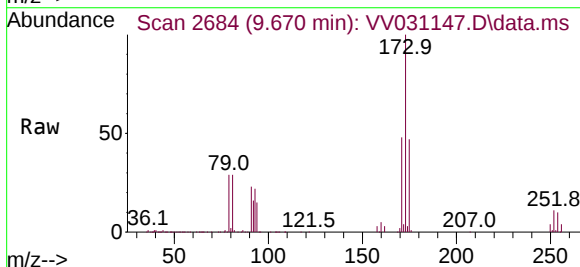
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

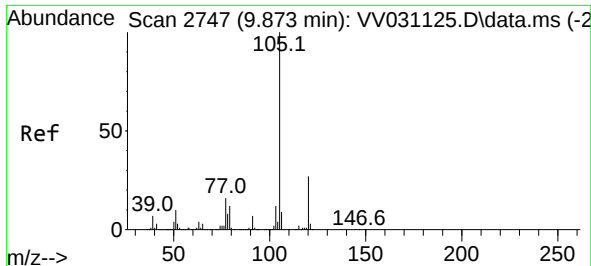
Tgt Ion: 83 Resp: 155044
Ion Ratio Lower Upper
83 100
85 63.6 45.0 83.6
131 11.4 9.2 13.8



#59
Bromoform
Concen: 50.016 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 173 Resp: 86085
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 10.9 8.8 13.2

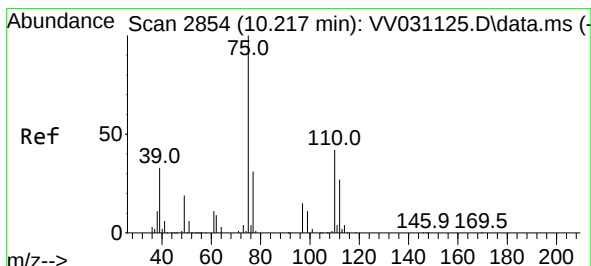
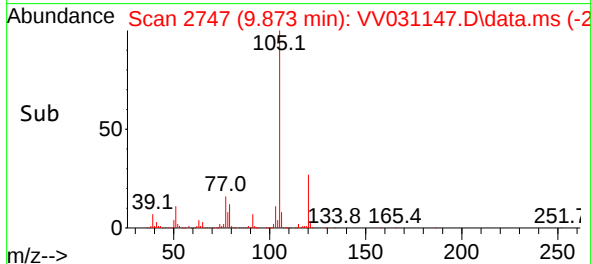
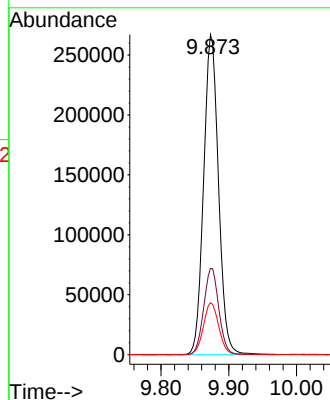
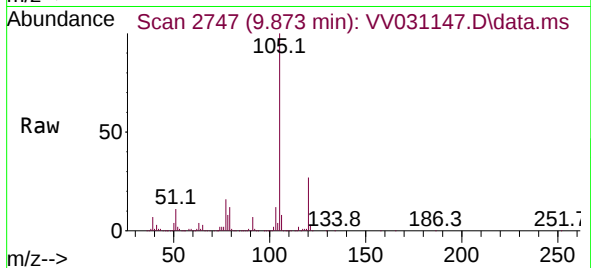




#60
Isopropylbenzene
Concen: 51.147 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

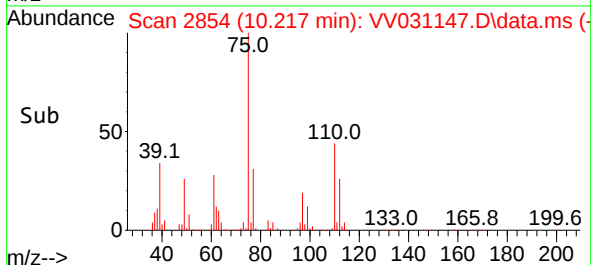
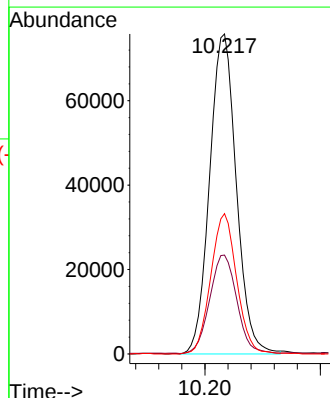
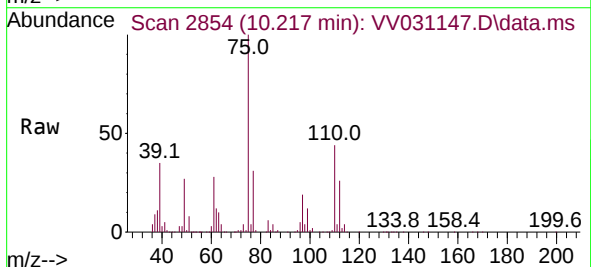
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

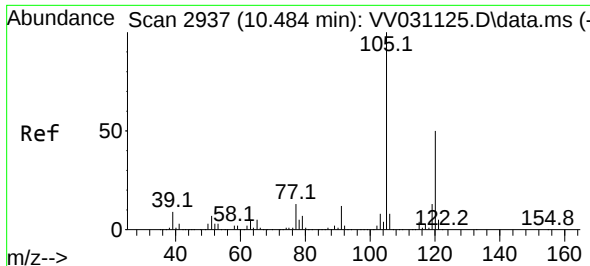
Tgt Ion:105 Resp: 406034
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 53.299 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion: 75 Resp: 121710
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3
110 42.7 32.5 48.7

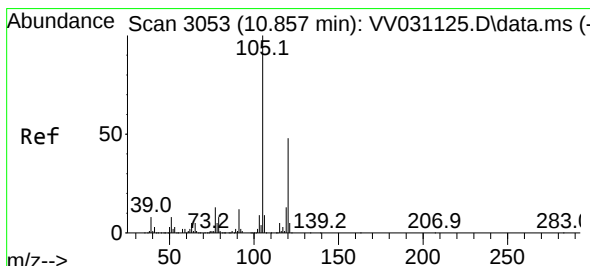
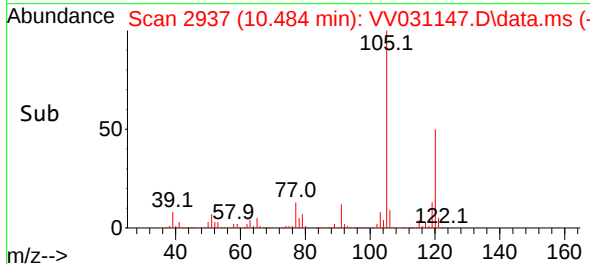
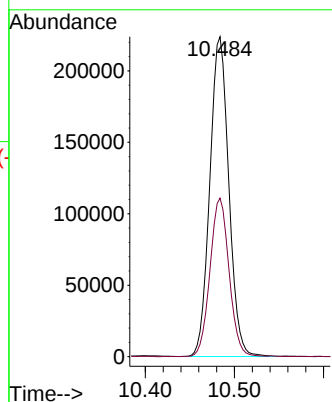
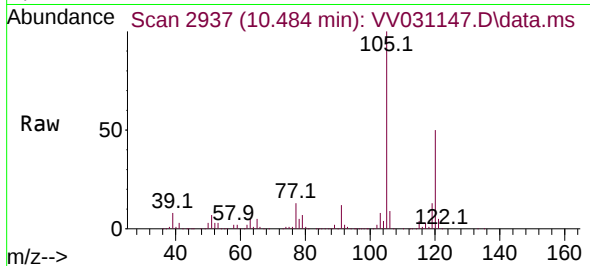




#62
 1,3,5-Trimethylbenzene
 Concen: 50.678 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV031147.D
 Acq: 20 May 2023 08:27

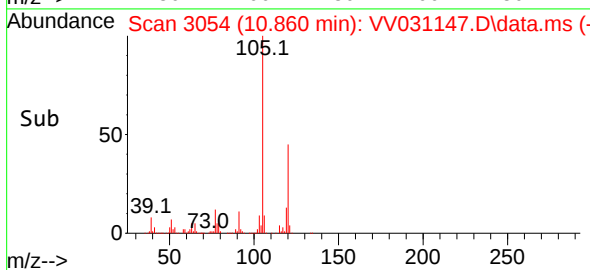
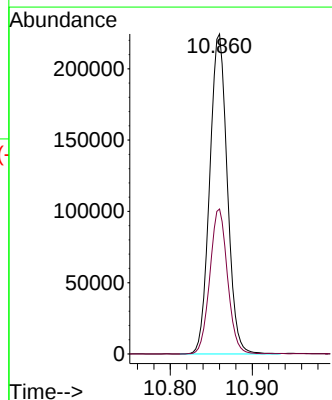
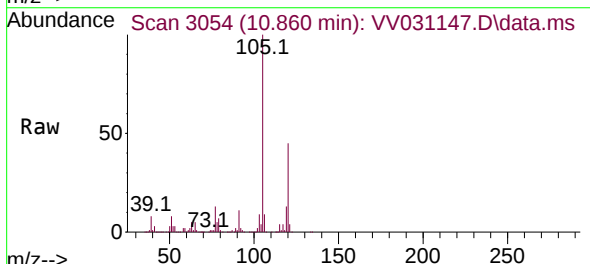
Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MS

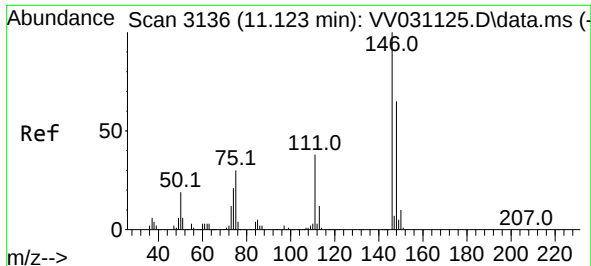
Tgt Ion:105 Resp: 330693
 Ion Ratio Lower Upper
 105 100
 120 49.8 40.5 60.7



#63
 1,2,4-Trimethylbenzene
 Concen: 52.400 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.003 min
 Lab File: VV031147.D
 Acq: 20 May 2023 08:27

Tgt Ion:105 Resp: 334326
 Ion Ratio Lower Upper
 105 100
 120 45.4 37.5 56.3

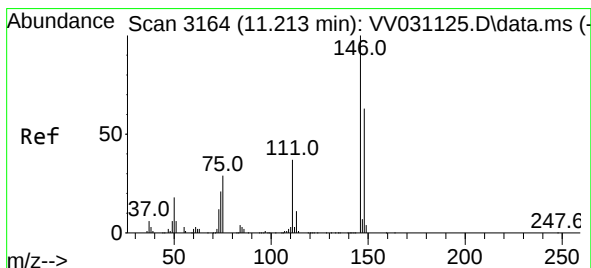
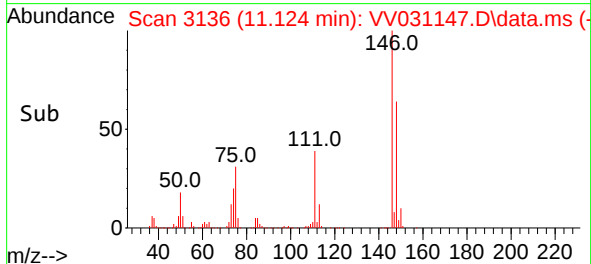
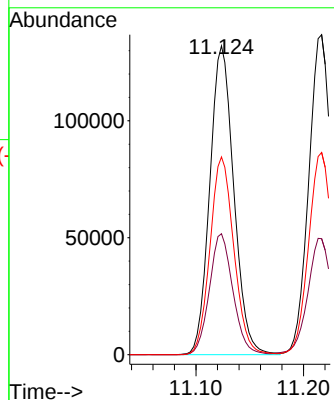
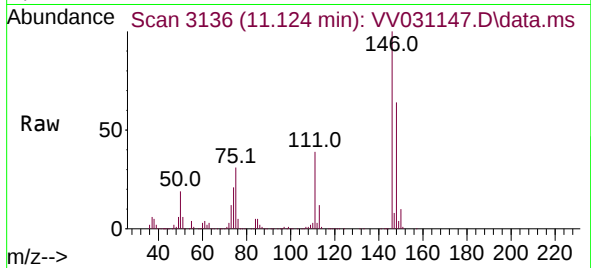




#64
1,3-Dichlorobenzene
Concen: 50.390 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

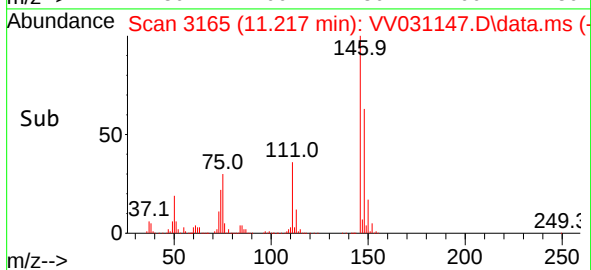
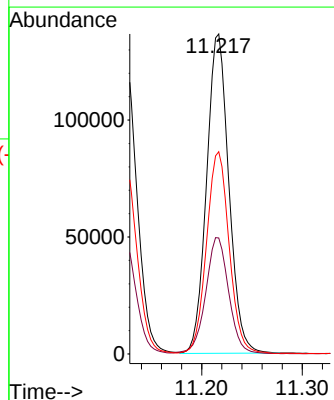
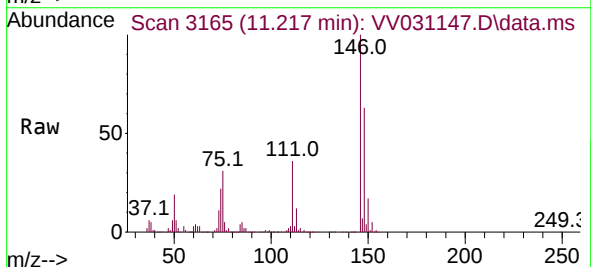
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

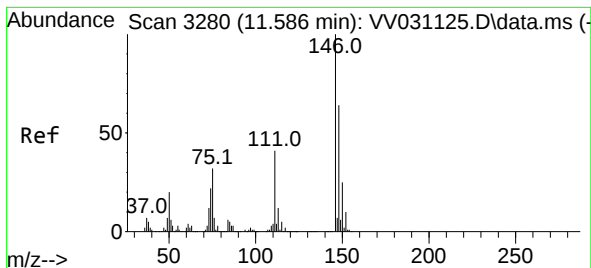
Tgt Ion:146 Resp: 204969
Ion Ratio Lower Upper
146 100
111 39.2 27.2 50.4
148 64.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.642 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion:146 Resp: 210068
Ion Ratio Lower Upper
146 100
111 36.3 25.5 47.3
148 63.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 52.243 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

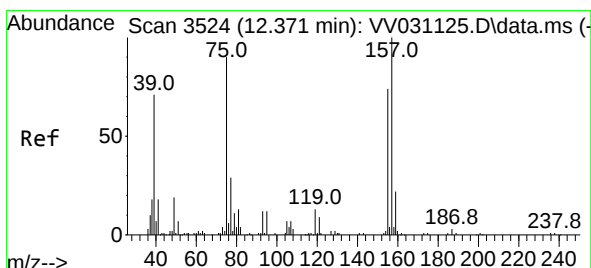
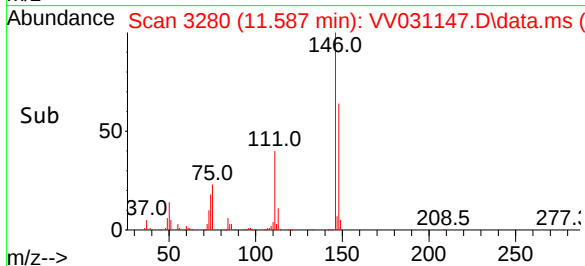
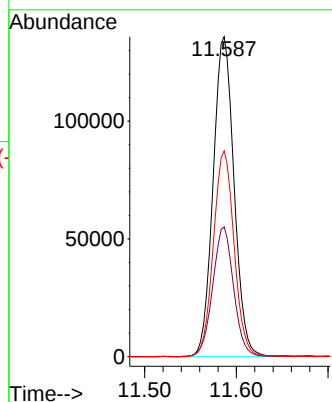
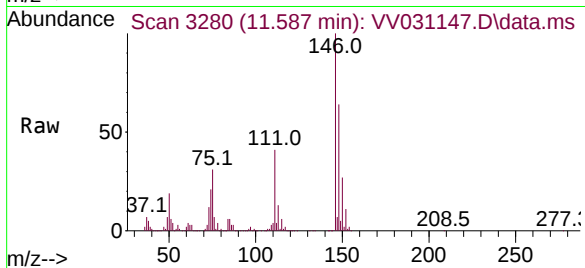
Tgt Ion:146 Resp: 215624

Ion Ratio Lower Upper

146 100

111 40.6 31.4 47.2

148 64.3 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 47.760 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

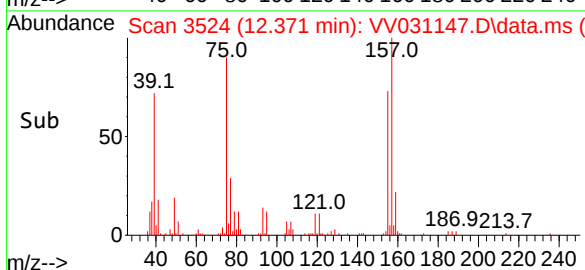
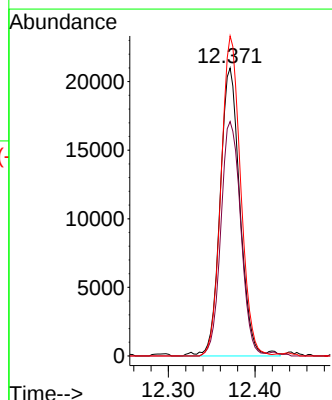
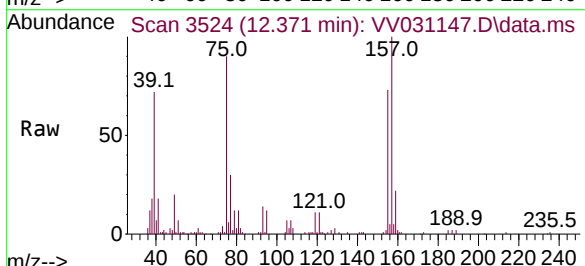
Tgt Ion: 75 Resp: 33478

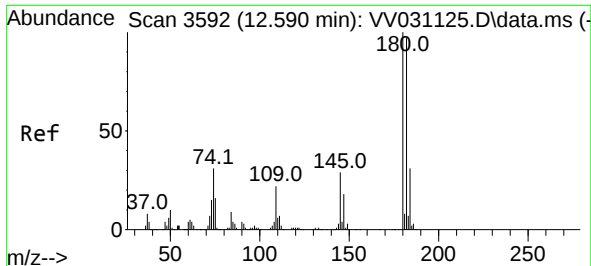
Ion Ratio Lower Upper

75 100

155 81.4 70.9 106.3

157 111.1 88.1 132.1

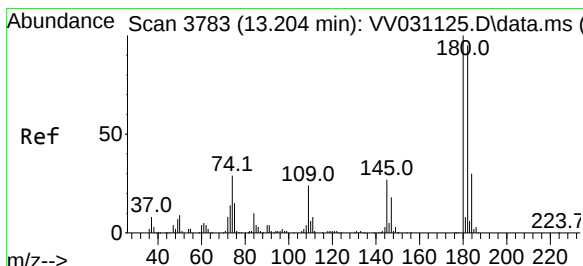
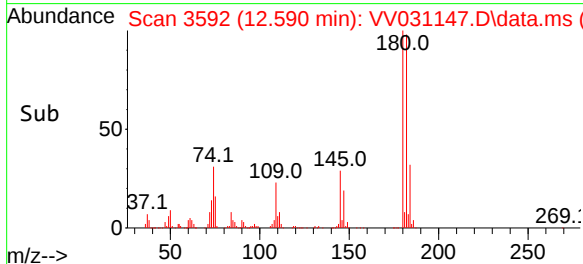
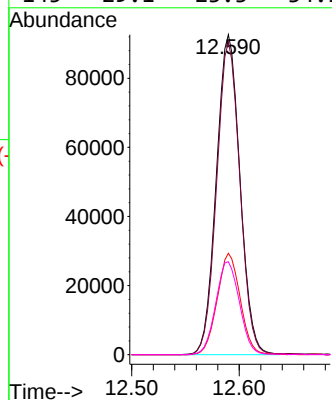
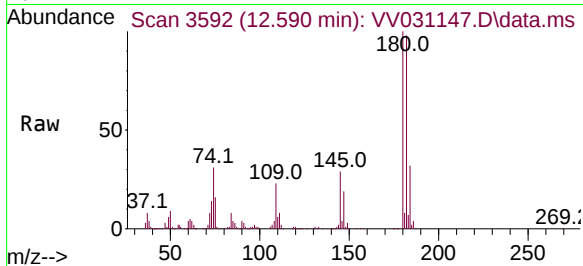




#69
1,3,5-Trichlorobenzene
Concen: 45.040 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.000 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

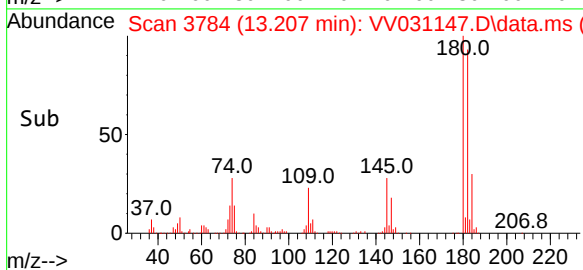
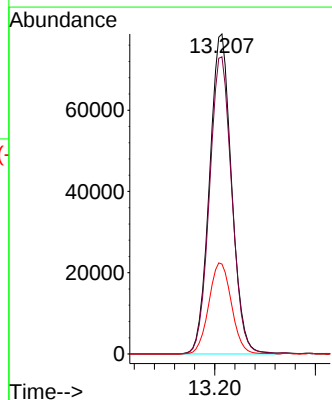
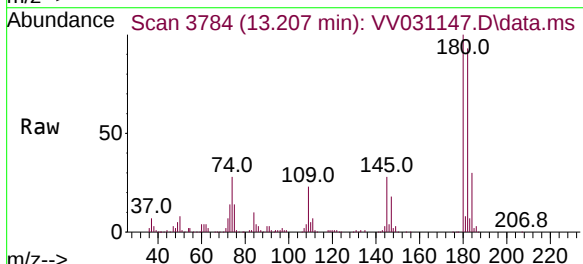
Instrument :
MSVOA_V
ClientSampleId :
GBX75MS

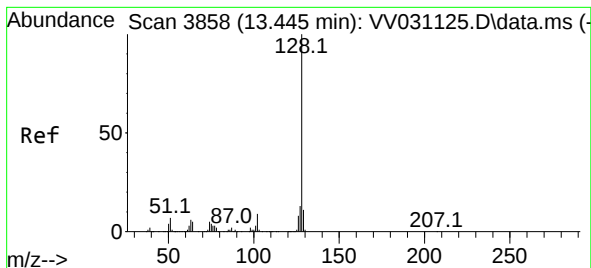
Tgt Ion:180	Resp:	141624	
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	115.0
184	30.8	24.6	37.0
145	29.1	23.3	34.9



#70
1,2,4-trichlorobenzene
Concen: 44.786 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. 0.003 min
Lab File: VV031147.D
Acq: 20 May 2023 08:27

Tgt Ion:180	Resp:	119848	
Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.4	113.2
145	29.2	23.1	34.7





#71

Naphthalene

Concen: 42.322 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Instrument :

MSVOA_V

ClientSampleId :

GBX75MS

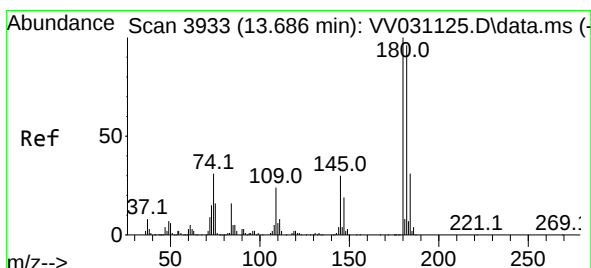
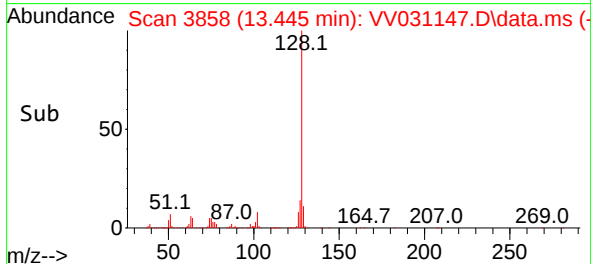
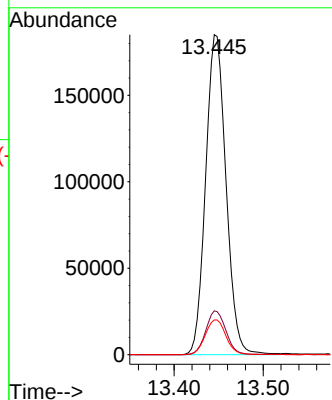
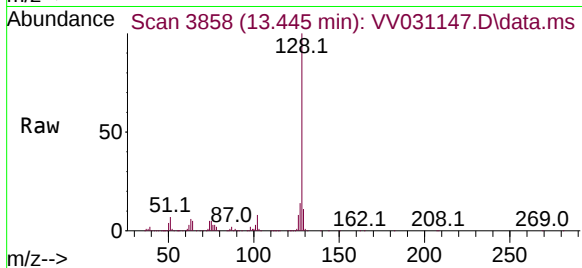
Tgt Ion:128 Resp: 294179

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 45.984 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031147.D

Acq: 20 May 2023 08:27

Tgt Ion:180 Resp: 122967

Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.0

145 30.8 24.2 36.4

