

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112223\
 Data File : VW033057.D
 Acq On : 22 Nov 2023 14:10
 Operator : SY/MD
 Sample : 05438-07MSME
 Misc : 4.99G/5mL/100uL/5.00ML/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY1G7MSME

Quant Time: Nov 23 05:51:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	328362	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	331656	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	206925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67485	39.308	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.620%
7) Chloroethane-d5	1.506	69	57892	43.844	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.680%
11) 1,1-Dichloroethene-d2	2.040	65	25176	35.838	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.680%
21) 2-Butanone-d5	3.796	46	104023	95.231	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.230%
24) Chloroform-d	4.249	84	187897	44.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.820%
26) 1,2-Dichloroethane-d4	4.940	65	117179	44.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.800%
32) Benzene-d6	4.953	84	320773	41.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.060%
36) 1,2-Dichloropropane-d6	5.989	67	93585	42.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.460%
41) Toluene-d8	7.243	98	296226	40.178	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.360%
43) trans-1,3-Dichloroprop...	7.554	79	57608	45.056	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.120%
47) 2-Hexanone-d5	8.037	63	91127	100.549	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.550%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	157977	47.387	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.780%
66) 1,2-Dichlorobenzene-d4	11.564	152	163552	44.323	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	147846	41.676	ug/L	99
3) Chloromethane	1.214	50	110784	41.846	ug/L	98
5) Vinyl chloride	1.281	62	103290	42.058	ug/L	98
6) Bromomethane	1.465	94	79775	49.158	ug/L	100
8) Chloroethane	1.523	64	59111	43.517	ug/L	95
9) Trichlorofluoromethane	1.674	101	171772	43.203	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.047	101	78875	40.233	ug/L	94
12) 1,1-Dichloroethene	2.050	96	72985	40.320	ug/L	89
13) Acetone	2.124	43	77543	72.554	ug/L	100
14) Carbon disulfide	2.220	76	234945	39.025	ug/L	99
15) Methyl Acetate	2.375	43	83738	44.692	ug/L	99
16) Methylene chloride	2.439	84	101982	39.766	ug/L	98
17) trans-1,2-Dichloroethene	2.683	96	96168	41.513	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	331522	45.621	ug/L	100
19) 1,1-Dichloroethane	3.104	63	170758	41.264	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	112333	43.248	ug/L	98
22) 2-Butanone	3.876	43	113028	81.676	ug/L	99
23) Bromochloromethane	4.140	128	61772	43.238	ug/L	97
25) Chloroform	4.272	83	205088	44.033	ug/L	100

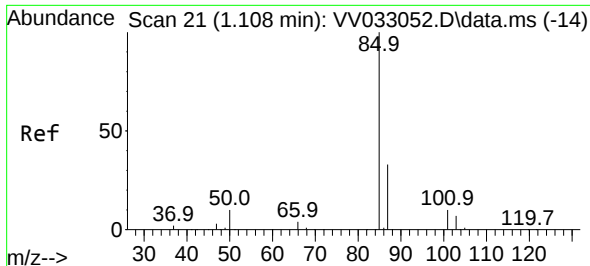
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112223\
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 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	167307	46.046	ug/L	97
29) Cyclohexane	4.574	56	141254	44.144	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	194717	44.950	ug/L	99
31) Carbon tetrachloride	4.728	117	179806	44.542	ug/L	100
33) Benzene	5.005	78	407291	44.150	ug/L	100
34) Trichloroethene	5.828	95	114099	43.880	ug/L	99
35) Methylcyclohexane	6.046	83	174104	46.067	ug/L	97
37) 1,2-Dichloropropane	6.091	63	95552	42.199	ug/L	100
38) Bromodichloromethane	6.436	83	155295	44.141	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	175880	45.118	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	226283	91.362	ug/L	95
42) Toluene	7.313	91	468093	45.794	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	183031	46.726	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	113936	44.680	ug/L	98
46) Tetrachloroethene	7.905	164	100956	44.553	ug/L	99
48) 2-Hexanone	8.088	43	176569	90.112	ug/L #	91
49) Dibromochloromethane	8.178	129	136827	46.555	ug/L	98
50) 1,2-Dibromoethane	8.284	107	120752	45.213	ug/L	97
51) Chlorobenzene	8.815	112	323628	44.617	ug/L	100
52) Ethylbenzene	8.947	91	538619	45.901	ug/L	100
53) m,p-Xylene	9.075	106	212392	46.069	ug/L	98
54) o-Xylene	9.480	106	211124	47.573	ug/L	99
55) Styrene	9.500	104	378385	47.797	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	167635	46.535	ug/L	99
59) Bromoform	9.670	173	116194	48.183	ug/L	99
60) Isopropylbenzene	9.869	105	576466	45.954	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	130767	43.807	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	471793	46.877	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	495277	46.974	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	308013	45.831	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	318149	44.535	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	304374	45.134	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	38285	44.087	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	236883	45.336	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	216065	45.122	ug/L	99
71) Naphthalene	13.442	128	551623	46.576	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	214738	46.254	ug/L	99

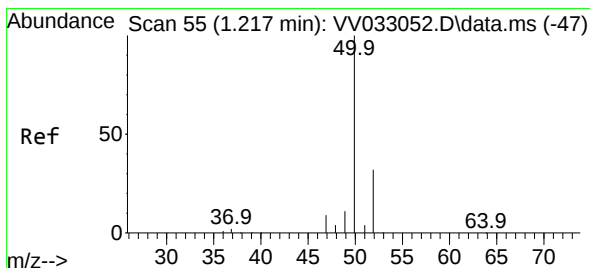
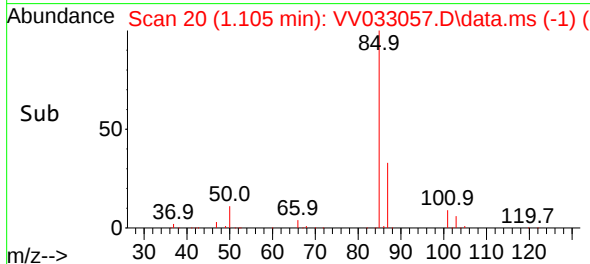
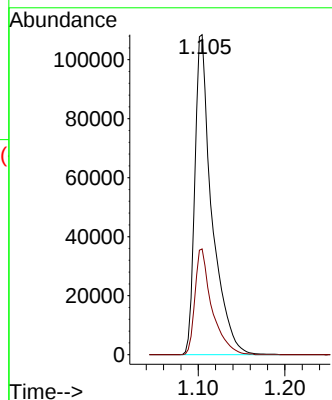
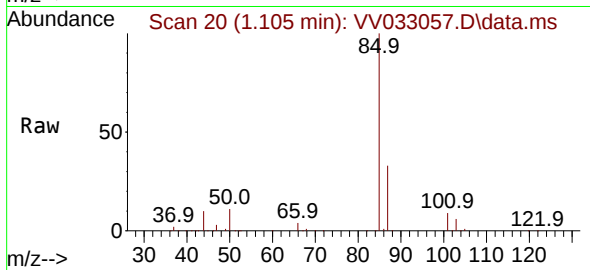
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 41.676 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033057.D
 Acq: 22 Nov 2023 14:10

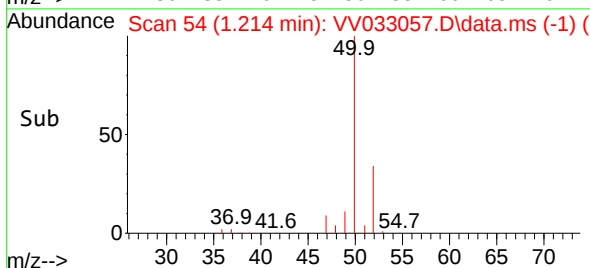
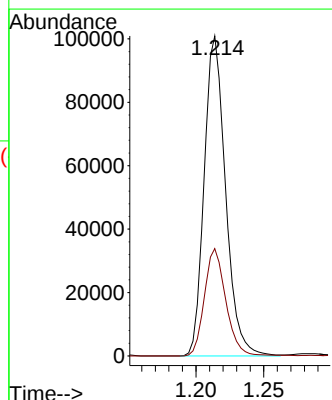
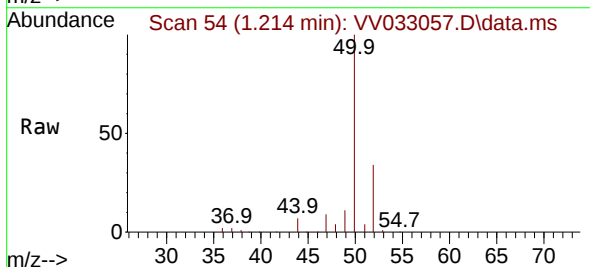
Instrument :
 MSVOA_V
 ClientSampleId :
 EY1G7MSME

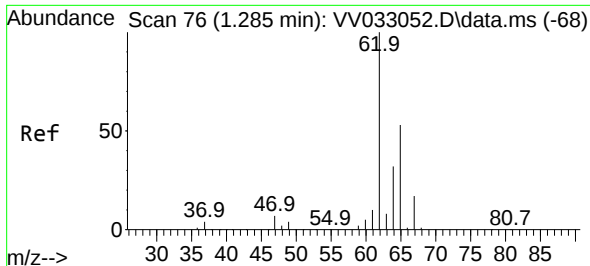
Tgt Ion: 85 Resp: 147846
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.8 40.2



#3
 Chloromethane
 Concen: 41.846 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033057.D
 Acq: 22 Nov 2023 14:10

Tgt Ion: 50 Resp: 110784
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.3

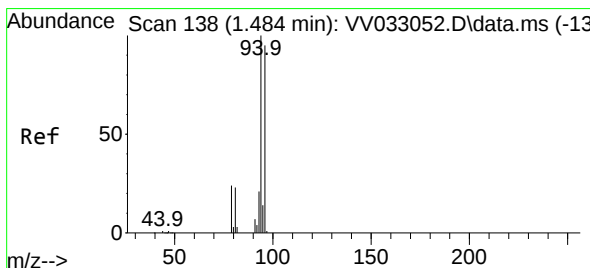
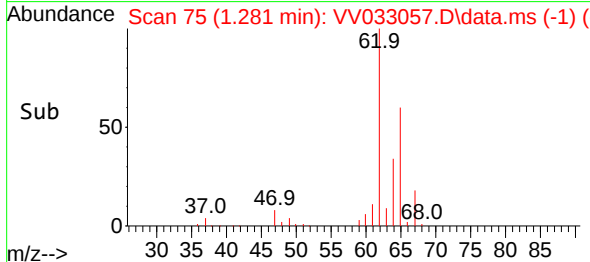
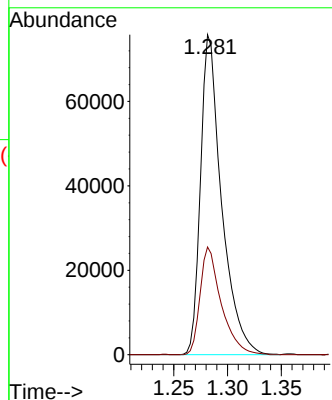
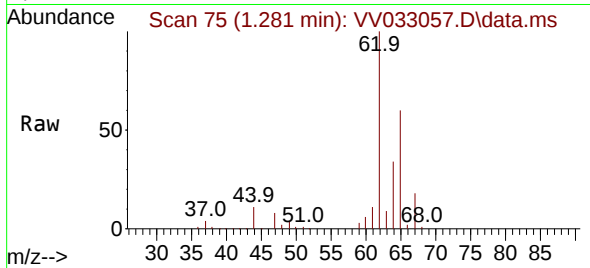




#5
 Vinyl chloride
 Concen: 42.058 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV033057.D
 Acq: 22 Nov 2023 14:10

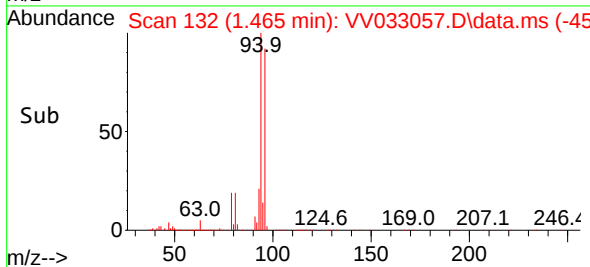
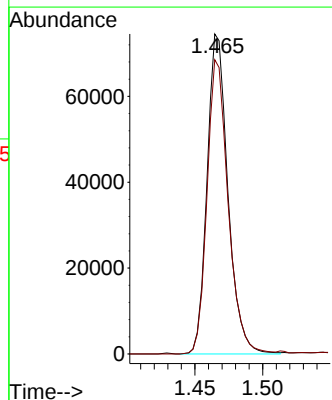
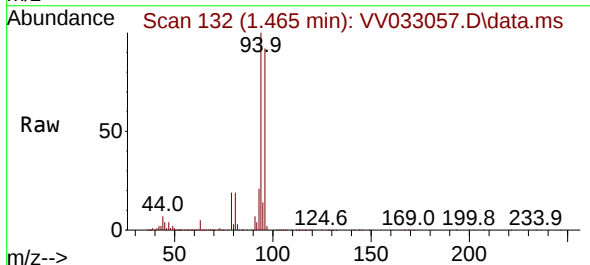
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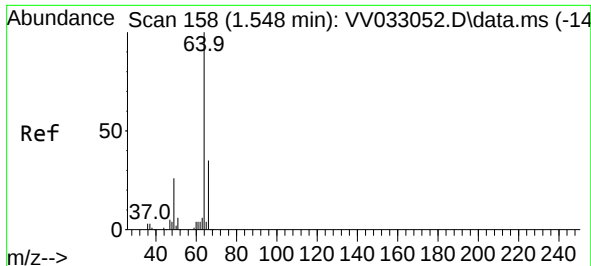
Tgt Ion: 62 Resp: 103290
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.7 42.1



#6
 Bromomethane
 Concen: 49.158 ug/L
 RT: 1.465 min Scan# 132
 Delta R.T. -0.019 min
 Lab File: VV033057.D
 Acq: 22 Nov 2023 14:10

Tgt Ion: 94 Resp: 79775
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.4 119.6

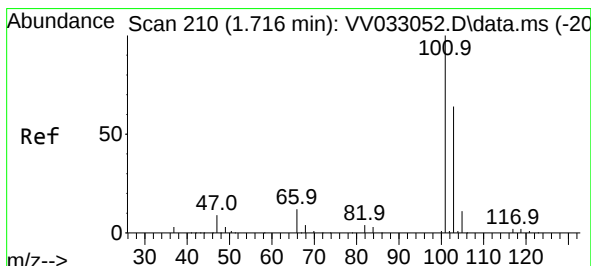
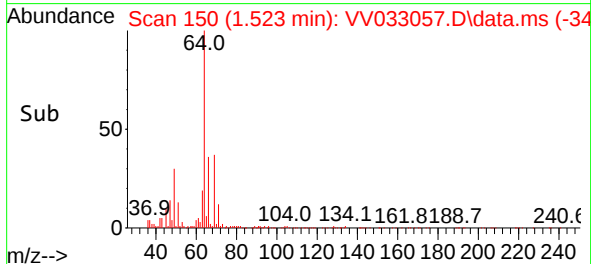
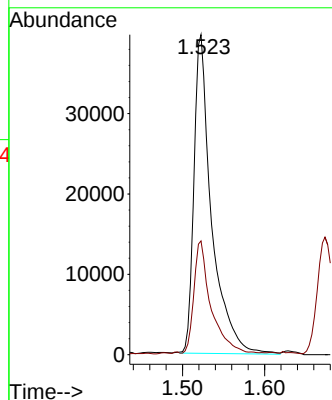
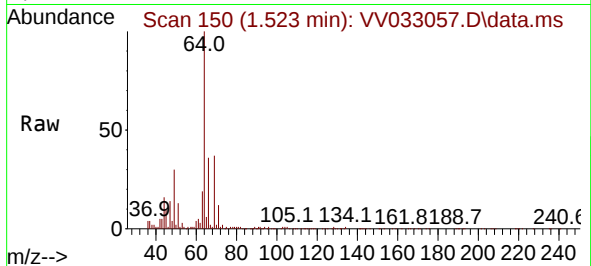




#8
Chloroethane
Concen: 43.517 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.026 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

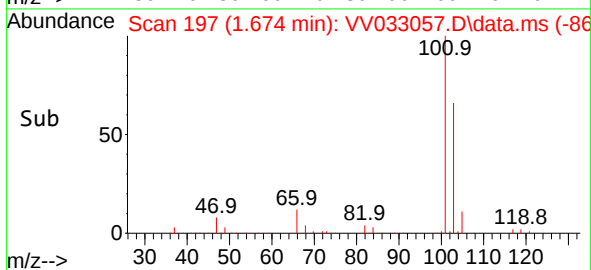
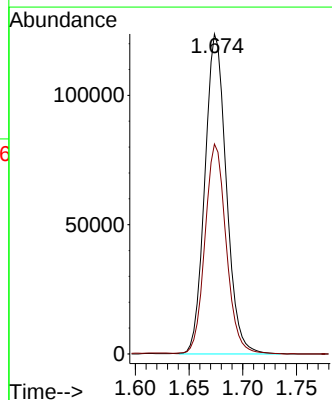
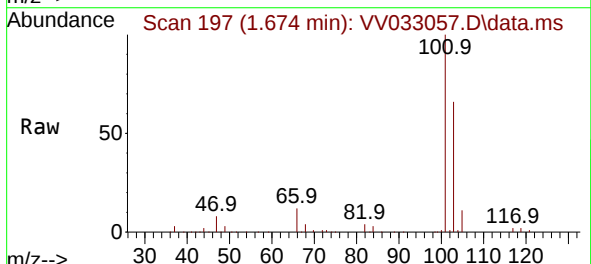
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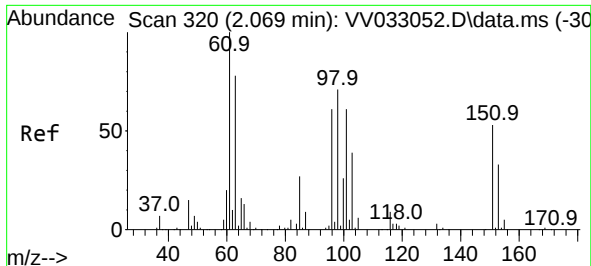
Tgt Ion: 64 Resp: 59111
Ion Ratio Lower Upper
64 100
66 35.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 43.203 ug/L
RT: 1.674 min Scan# 197
Delta R.T. -0.042 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion: 101 Resp: 171772
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1

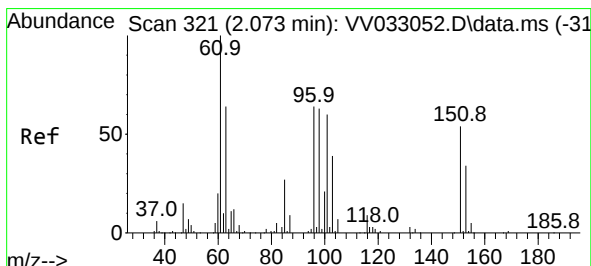
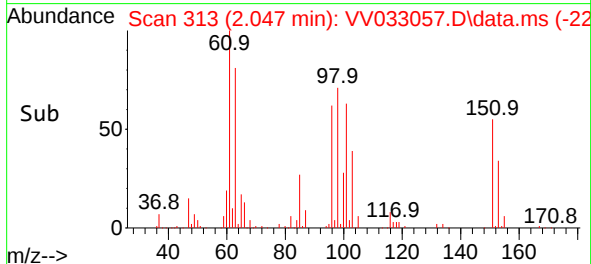
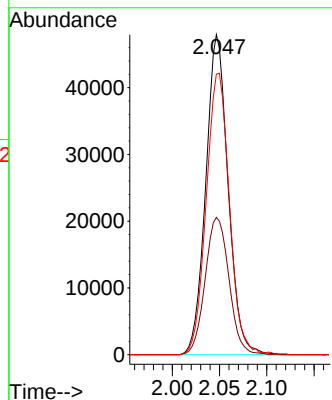
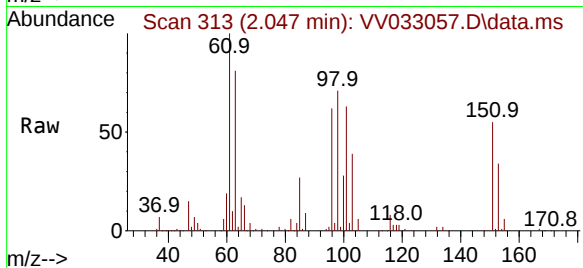




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 40.233 ug/L
RT: 2.047 min Scan# 313
Delta R.T. -0.023 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

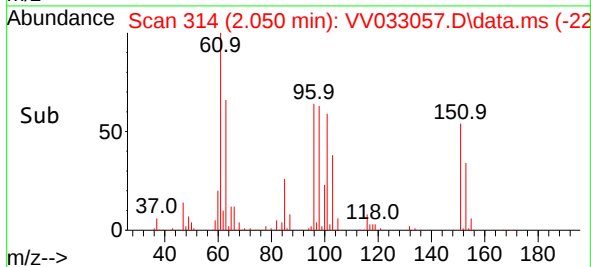
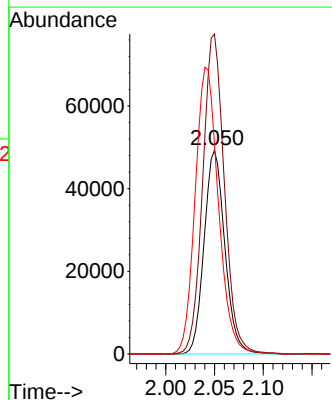
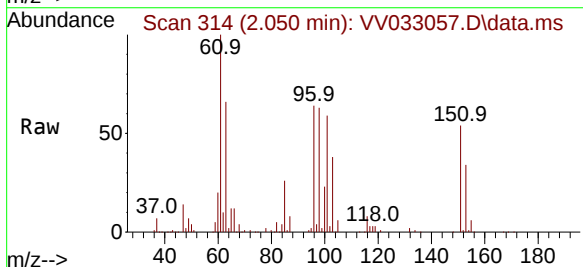
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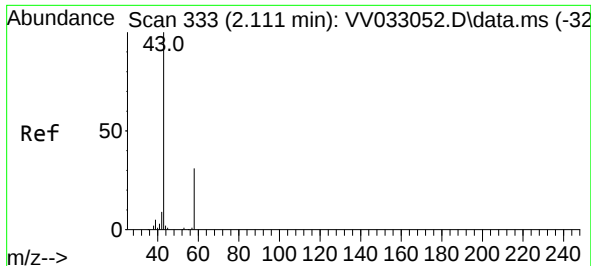
Tgt Ion:101 Resp: 78875
Ion Ratio Lower Upper
101 100
85 45.6 35.5 53.3
151 91.1 67.0 100.4



#12
1,1-Dichloroethene
Concen: 40.320 ug/L
RT: 2.050 min Scan# 314
Delta R.T. -0.019 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion: 96 Resp: 72985
Ion Ratio Lower Upper
96 100
61 157.2 116.6 216.6
63 103.7 84.8 157.4





#13

Acetone

Concen: 72.554 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

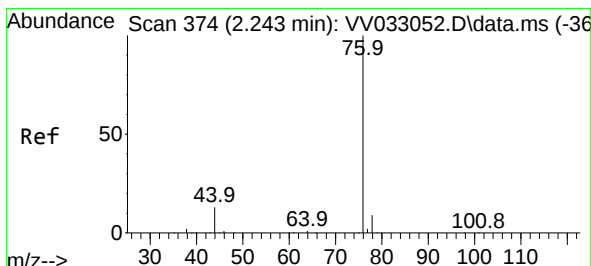
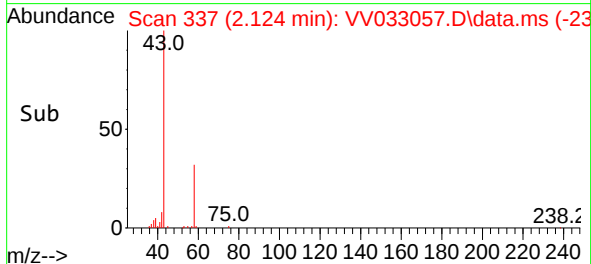
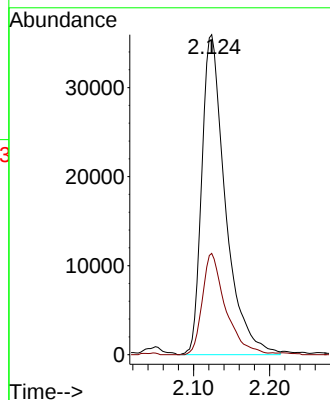
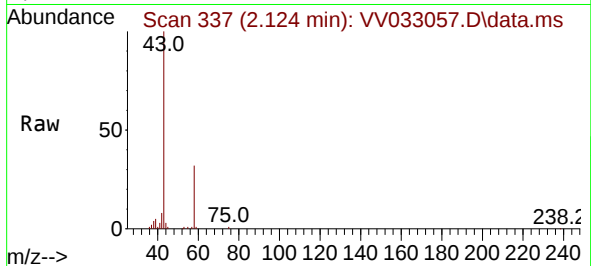
EY1G7MSME

Tgt Ion: 43 Resp: 77543

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.6



#14

Carbon disulfide

Concen: 39.025 ug/L

RT: 2.220 min Scan# 367

Delta R.T. -0.023 min

Lab File: VV033057.D

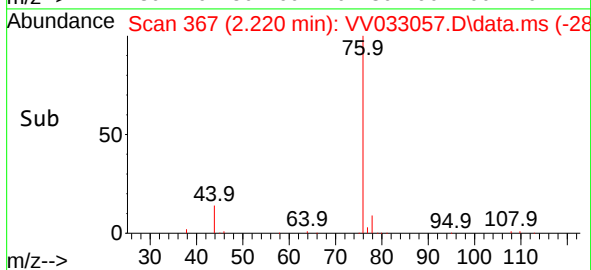
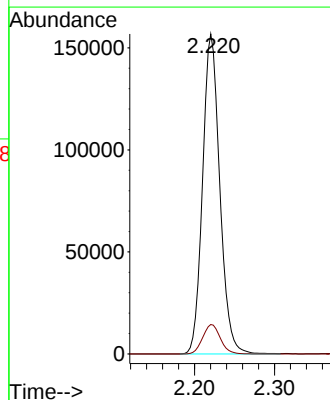
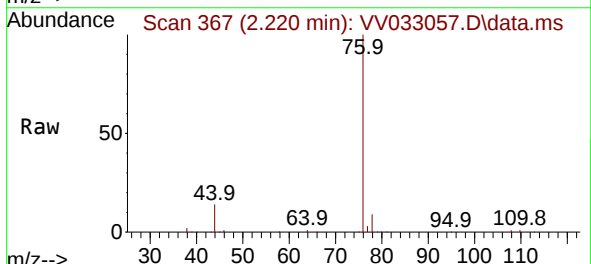
Acq: 22 Nov 2023 14:10

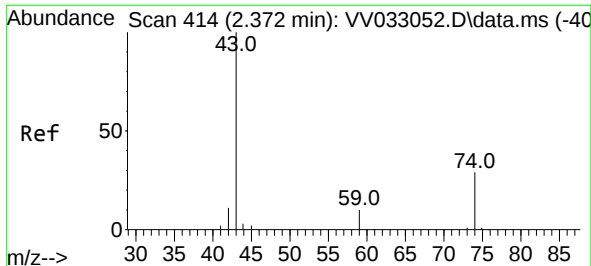
Tgt Ion: 76 Resp: 234945

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

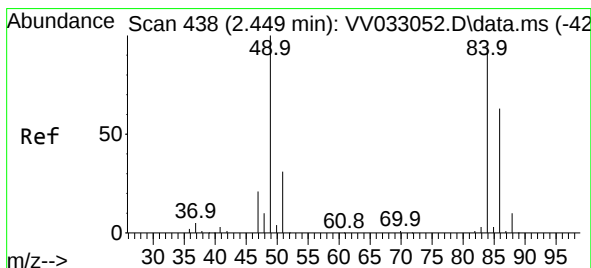
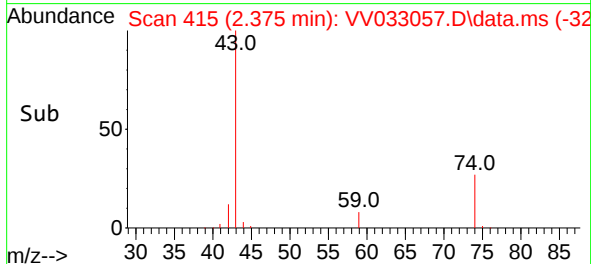
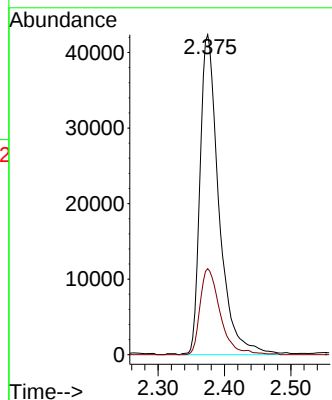
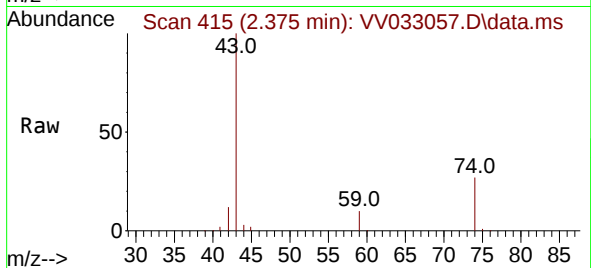




#15
Methyl Acetate
Concen: 44.692 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.006 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

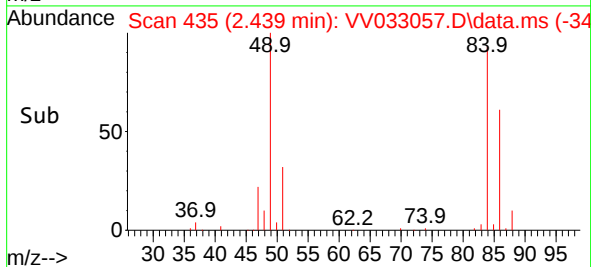
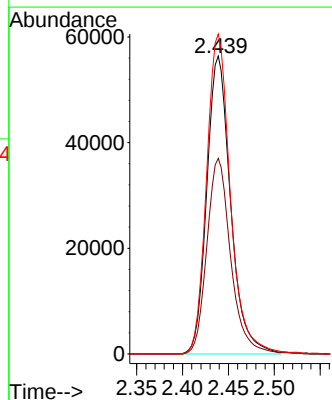
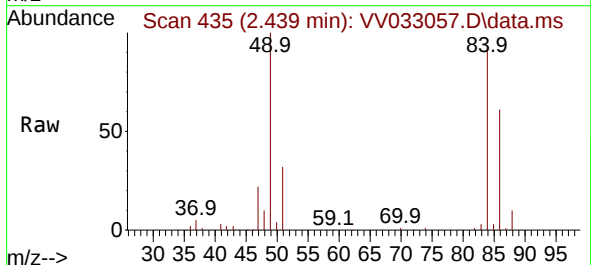
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

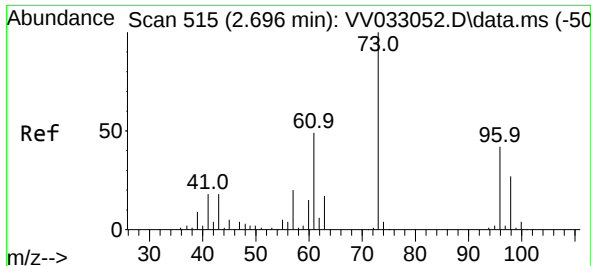
Tgt Ion: 43 Resp: 83738
Ion Ratio Lower Upper
43 100
74 27.7 22.7 34.1



#16
Methylene chloride
Concen: 39.766 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.007 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion: 84 Resp: 101982
Ion Ratio Lower Upper
84 100
86 65.6 44.7 83.1
49 107.4 76.6 142.3

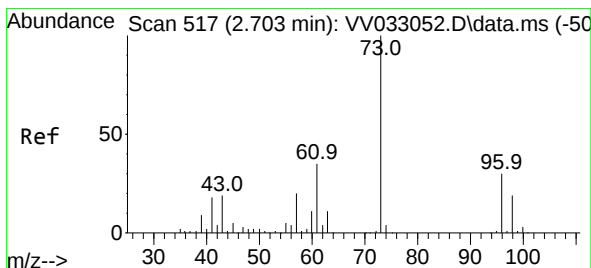
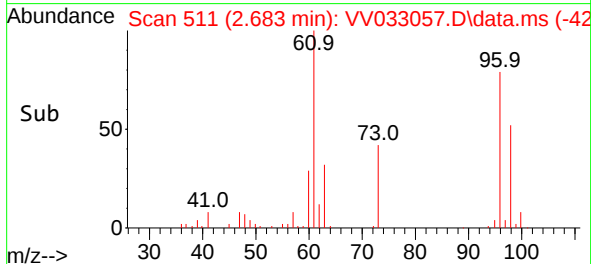
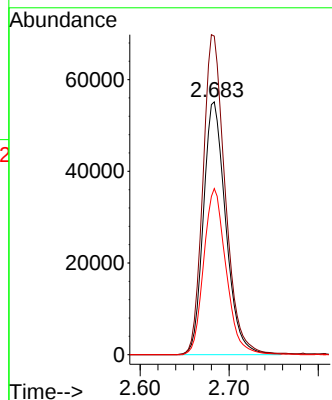
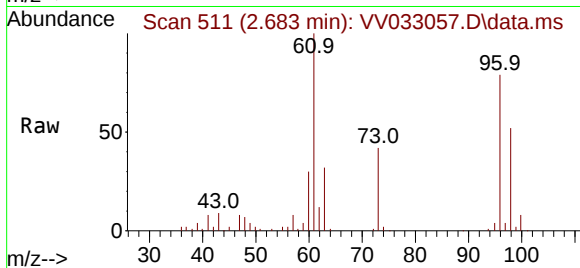




#17
trans-1,2-Dichloroethene
Concen: 41.513 ug/L
RT: 2.683 min Scan# 511
Delta R.T. -0.010 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

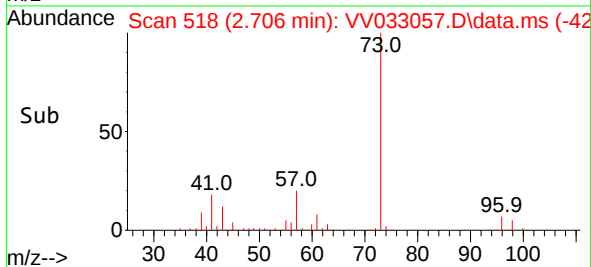
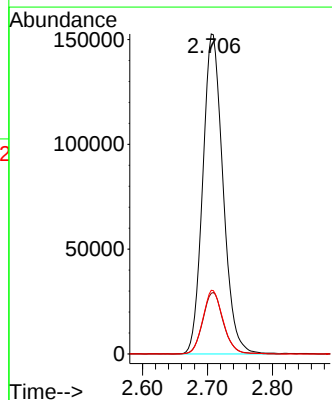
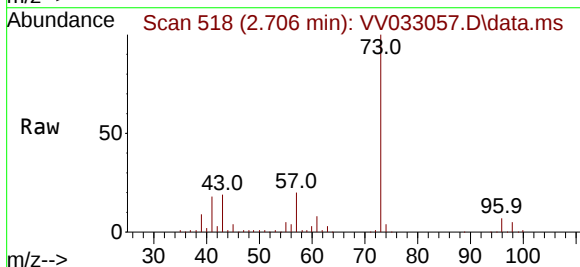
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

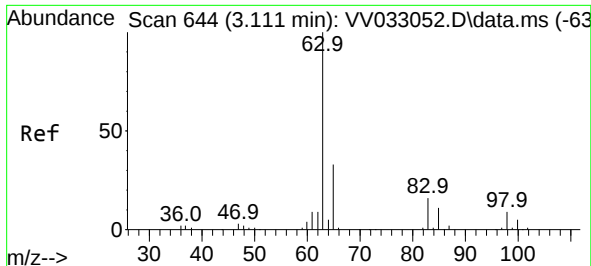
Tgt Ion: 96 Resp: 96168
Ion Ratio Lower Upper
96 100
61 126.0 89.5 166.3
98 65.7 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 45.621 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion: 73 Resp: 331522
Ion Ratio Lower Upper
73 100
43 19.1 15.2 22.8
57 19.8 15.8 23.8





#19

1,1-Dichloroethane

Concen: 41.264 ug/L

RT: 3.104 min Scan# 64

Delta R.T. -0.007 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

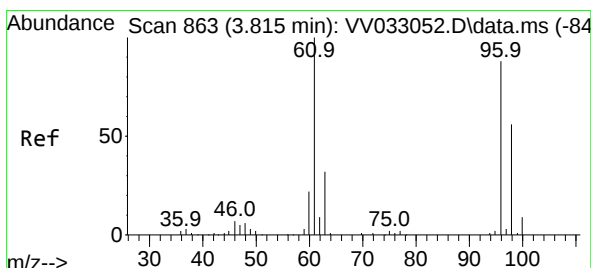
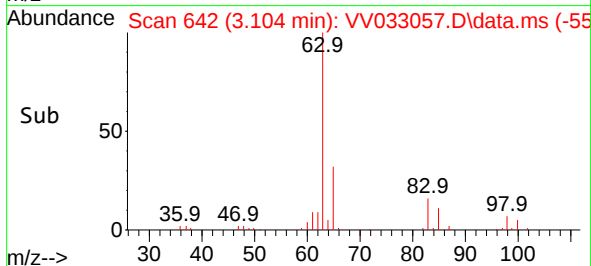
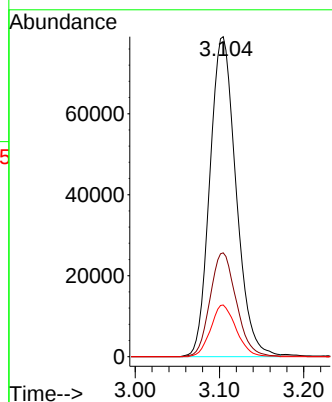
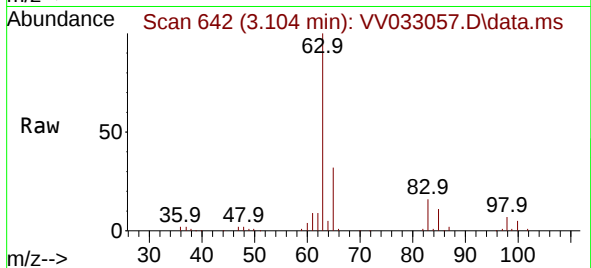
Tgt Ion: 63 Resp: 170758

Ion Ratio Lower Upper

63 100

65 32.5 22.4 41.6

83 16.1 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 43.248 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

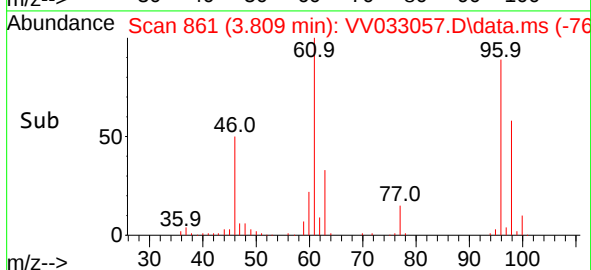
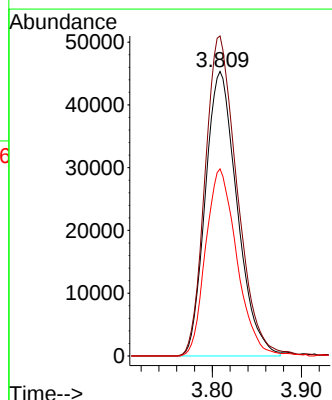
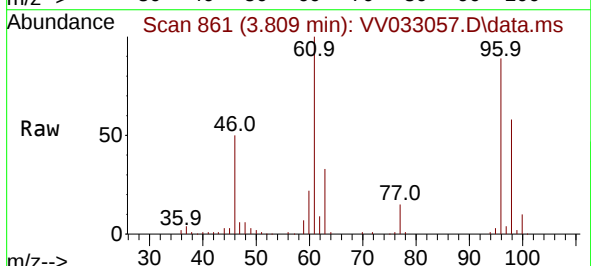
Tgt Ion: 96 Resp: 112333

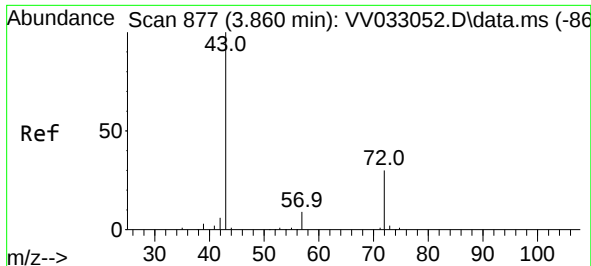
Ion Ratio Lower Upper

96 100

61 112.5 80.2 149.0

98 65.8 45.1 83.7

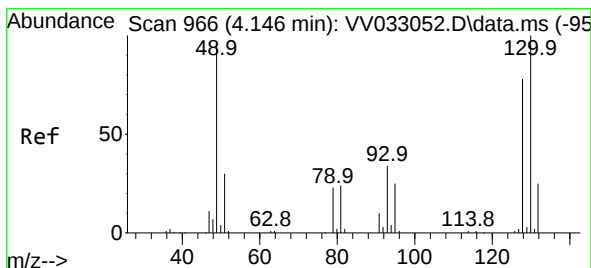
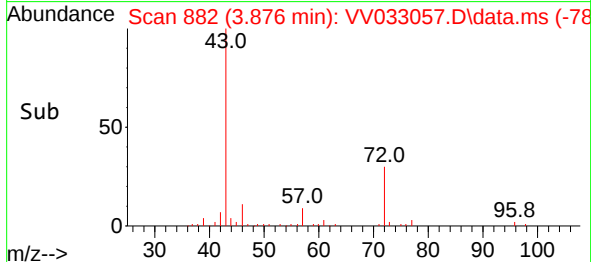
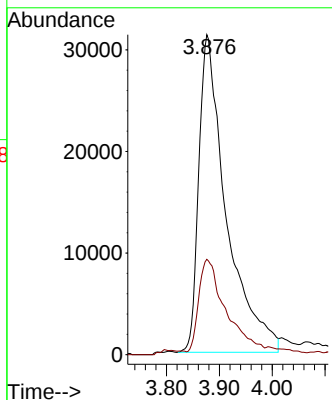
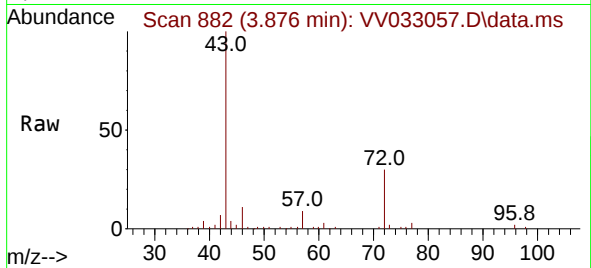




#22
2-Butanone
Concen: 81.676 ug/L
RT: 3.876 min Scan# 81
Delta R.T. 0.016 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

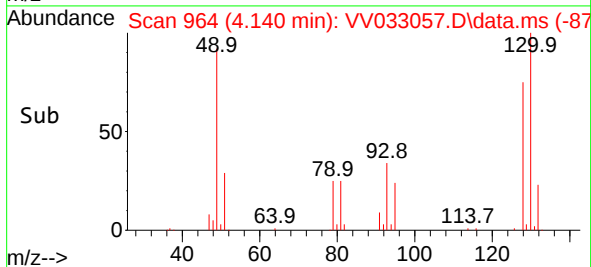
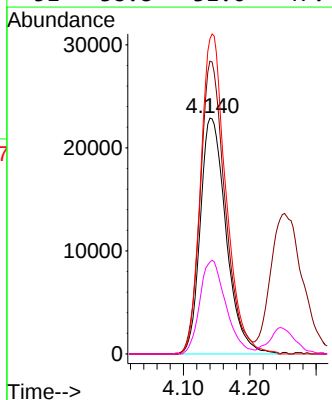
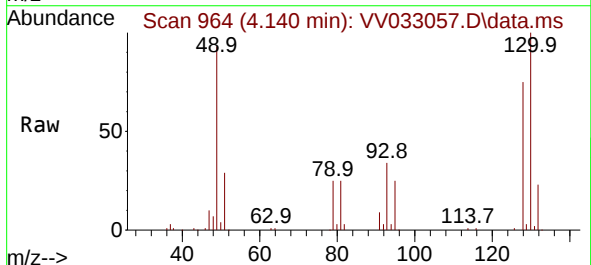
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

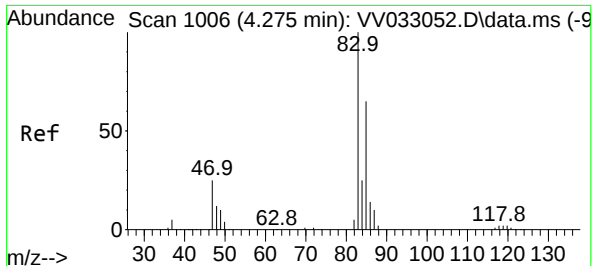
Tgt Ion: 43 Resp: 113028
Ion Ratio Lower Upper
43 100
72 28.1 13.9 41.7



#23
Bromochloromethane
Concen: 43.238 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.007 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion: 128 Resp: 61772
Ion Ratio Lower Upper
128 100
49 124.1 87.1 161.7
130 133.4 88.1 163.5
51 38.8 31.6 47.4





#25

Chloroform

Concen: 44.033 ug/L

RT: 4.272 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

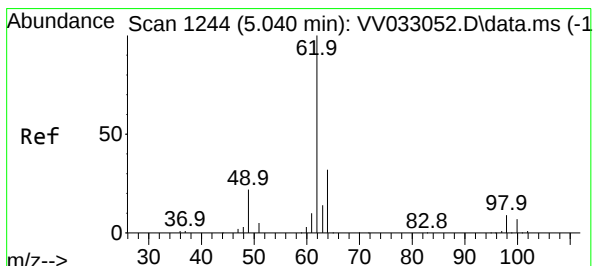
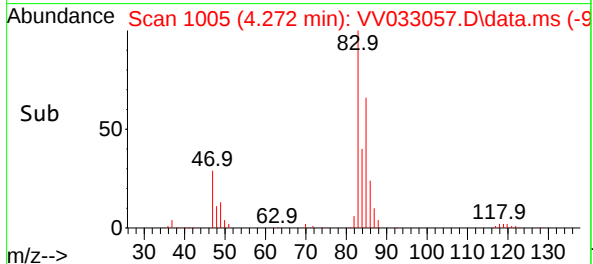
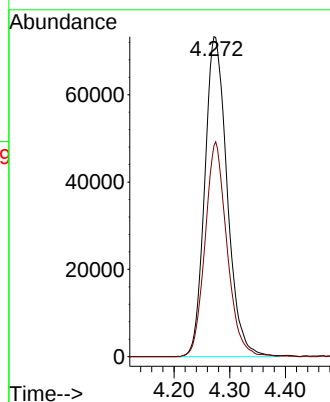
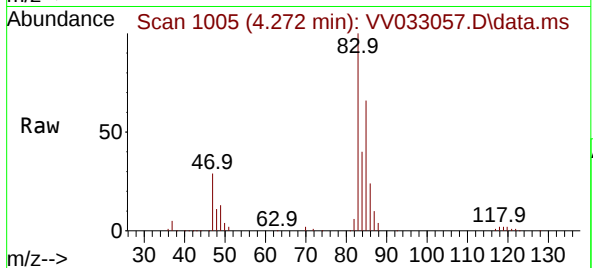
EY1G7MSME

Tgt Ion: 83 Resp: 205088

Ion Ratio Lower Upper

83 100

85 65.9 46.2 85.8



#27

1,2-Dichloroethane

Concen: 46.046 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033057.D

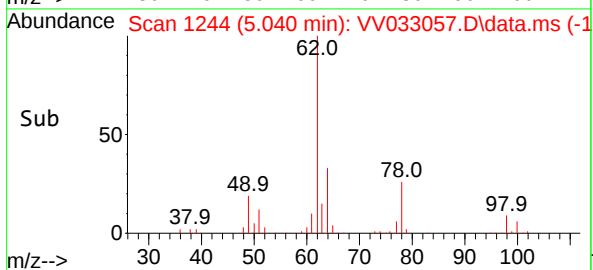
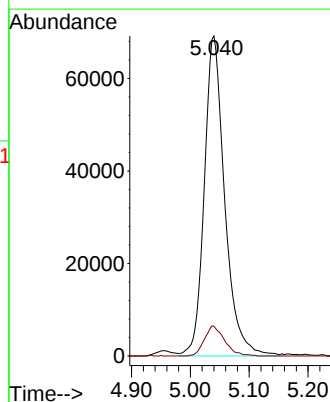
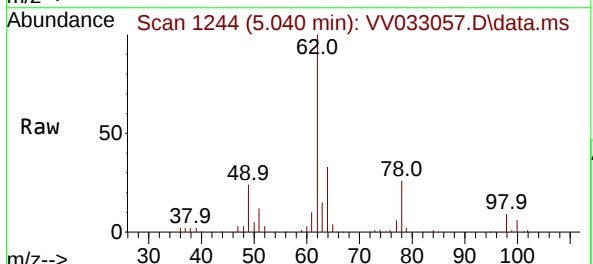
Acq: 22 Nov 2023 14:10

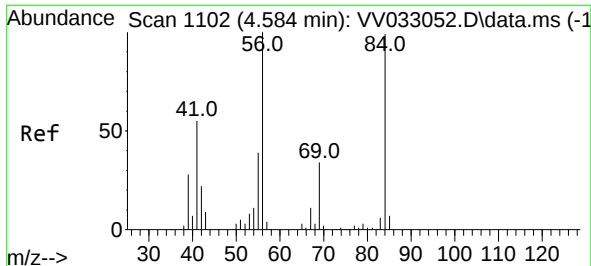
Tgt Ion: 62 Resp: 167307

Ion Ratio Lower Upper

62 100

98 9.3 8.3 12.5





#29

Cyclohexane

Concen: 44.144 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.010 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

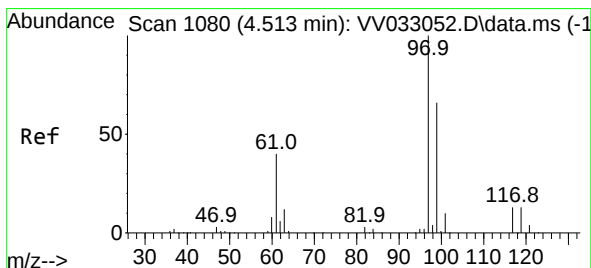
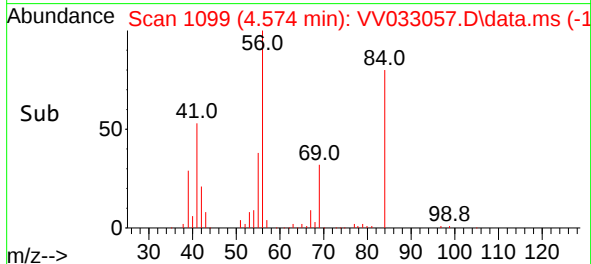
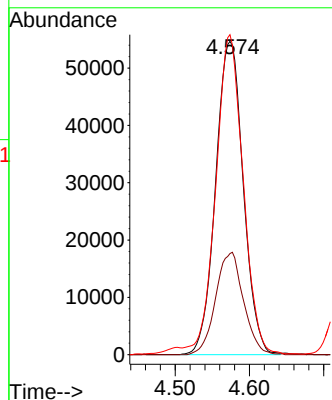
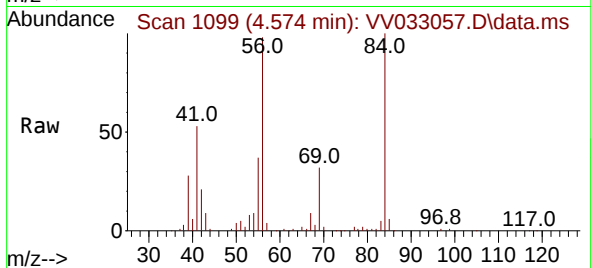
Tgt Ion: 56 Resp: 141254

Ion Ratio Lower Upper

56 100

69 32.9 26.7 40.1

84 100.0 78.1 117.1



#30

1,1,1-Trichloroethane

Concen: 44.950 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

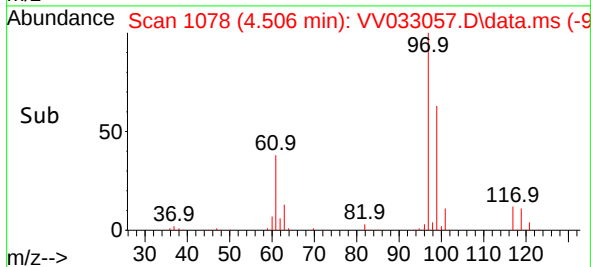
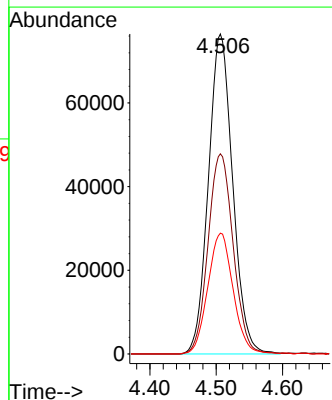
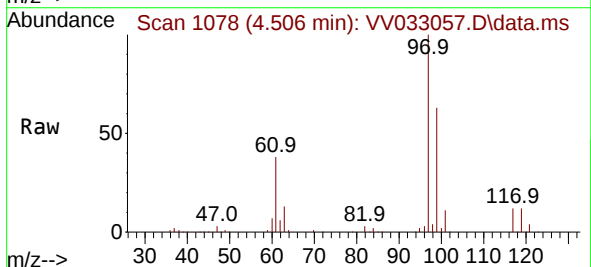
Tgt Ion: 97 Resp: 194717

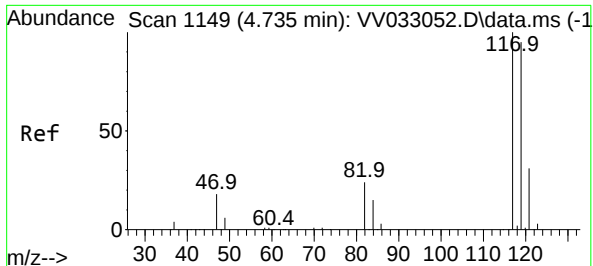
Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 39.4 32.1 48.1

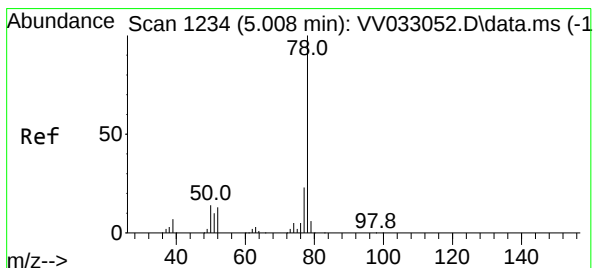
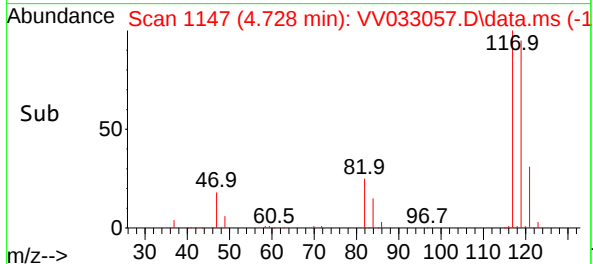
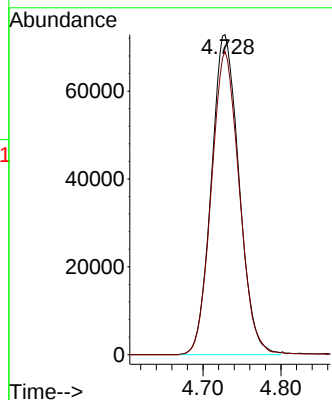
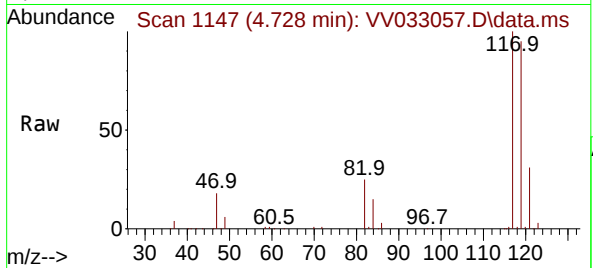




#31
Carbon tetrachloride
Concen: 44.542 ug/L
RT: 4.728 min Scan# 1149
Delta R.T. -0.007 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

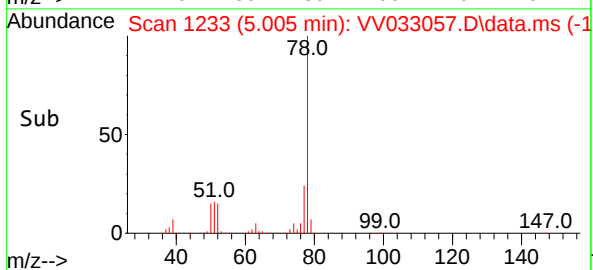
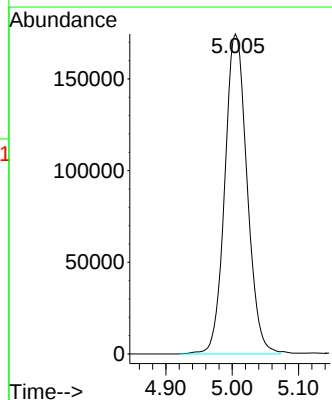
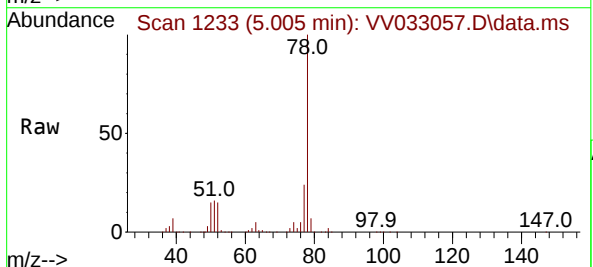
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

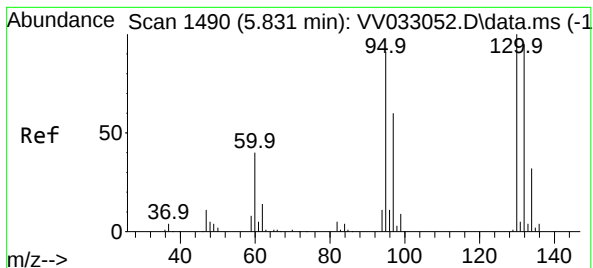
Tgt Ion:117 Resp: 179806
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7



#33
Benzene
Concen: 44.150 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion: 78 Resp: 407291





#34

Trichloroethene

Concen: 43.880 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

Tgt Ion: 95 Resp: 114099

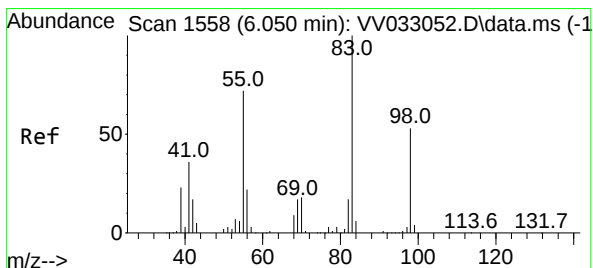
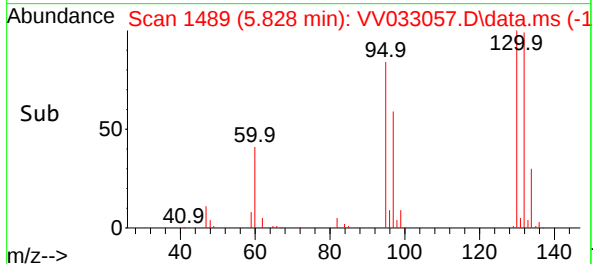
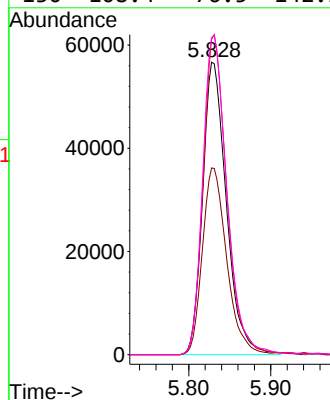
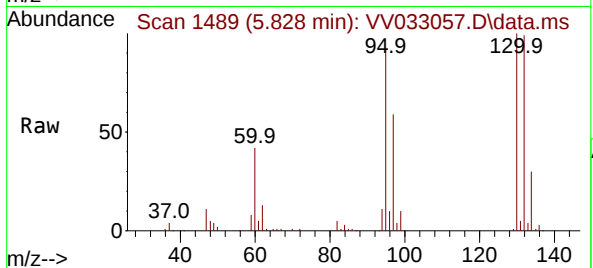
Ion Ratio Lower Upper

95 100

97 63.8 46.0 85.4

132 107.8 76.0 141.2

130 108.4 76.5 142.1



#35

Methylcyclohexane

Concen: 46.067 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

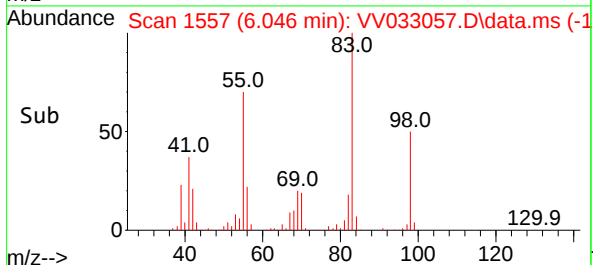
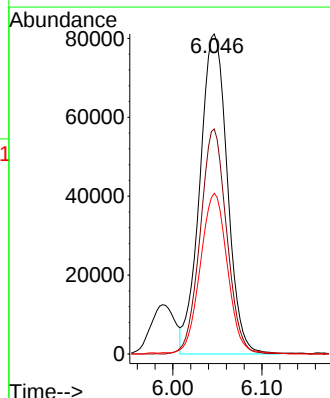
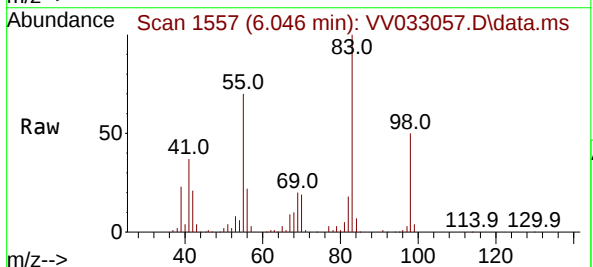
Tgt Ion: 83 Resp: 174104

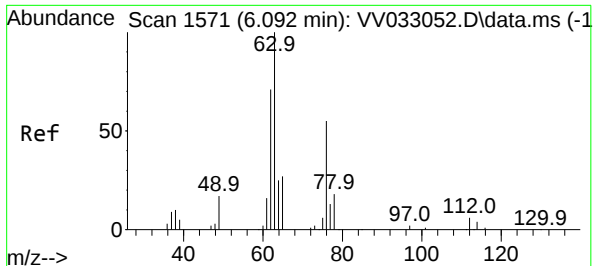
Ion Ratio Lower Upper

83 100

55 67.5 56.3 84.5

98 49.7 40.5 60.7





#37

1,2-Dichloropropane

Concen: 42.199 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

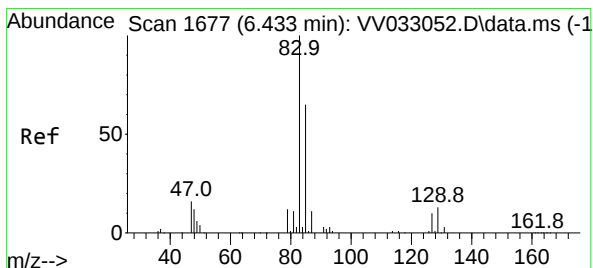
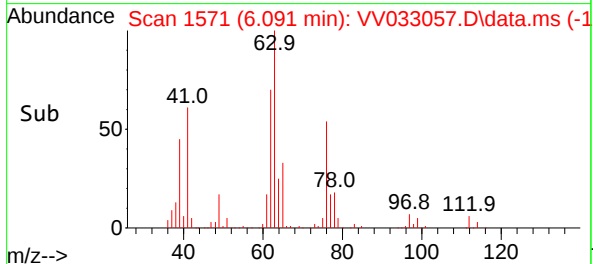
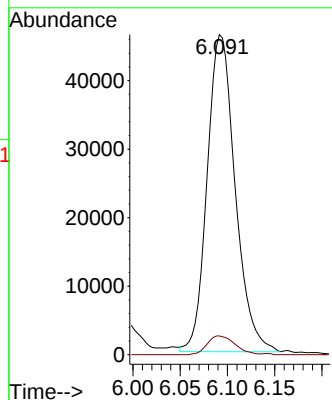
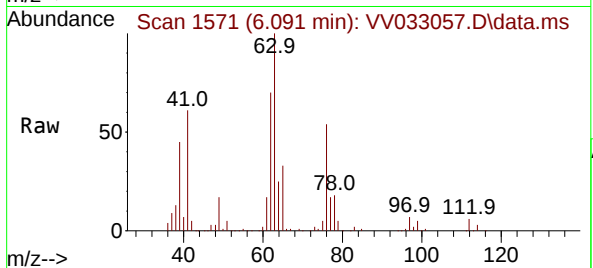
EY1G7MSME

Tgt Ion: 63 Resp: 95552

Ion Ratio Lower Upper

63 100

112 5.9 4.6 7.0



#38

Bromodichloromethane

Concen: 44.141 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

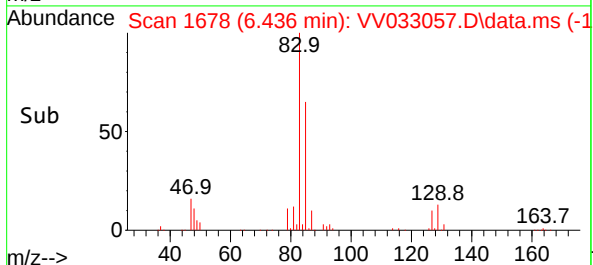
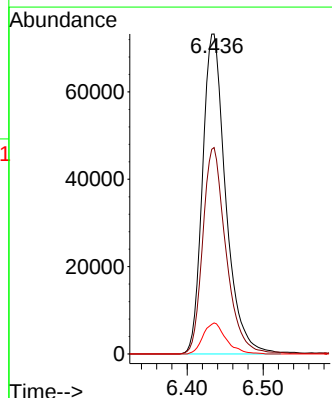
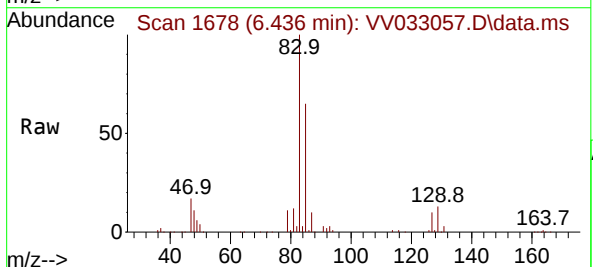
Tgt Ion: 83 Resp: 155295

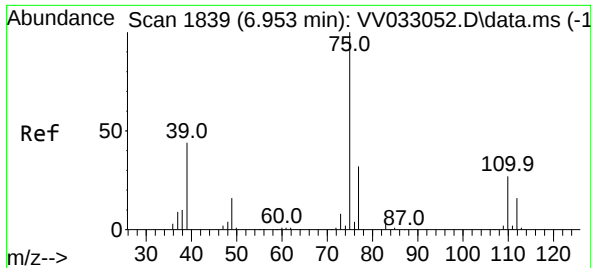
Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1

127 10.8 7.3 10.9

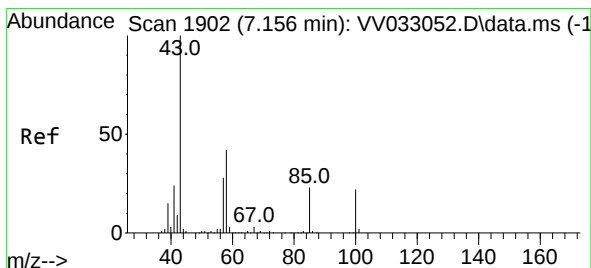
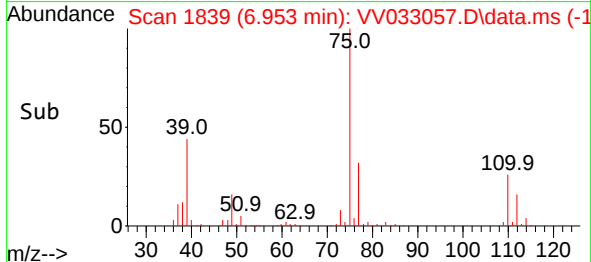
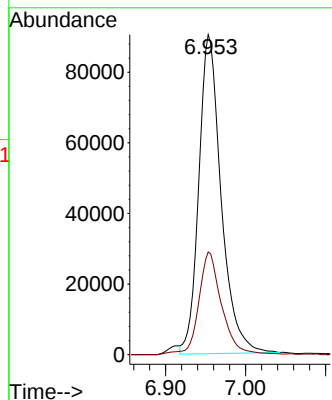
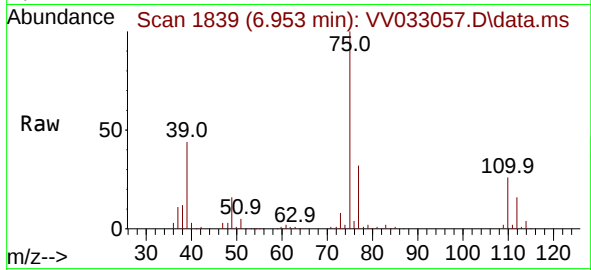




#39
 cis-1,3-Dichloropropene
 Concen: 45.118 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV033057.D
 Acq: 22 Nov 2023 14:10

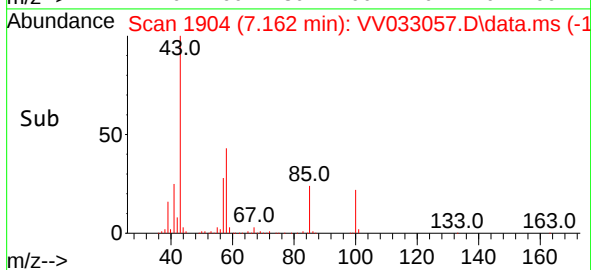
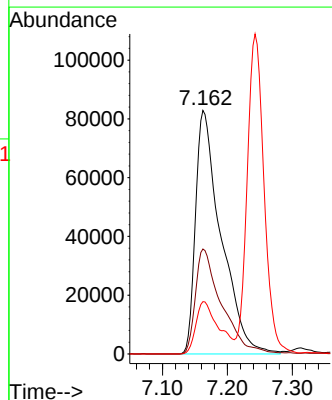
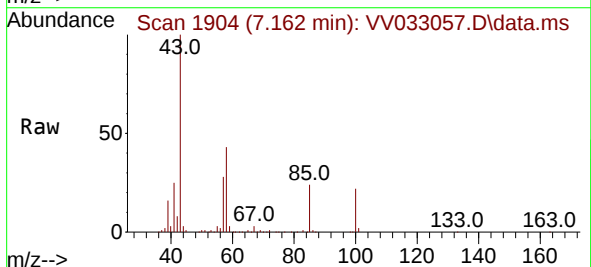
Instrument :
 MSVOA_V
 ClientSampleId :
 EY1G7MSME

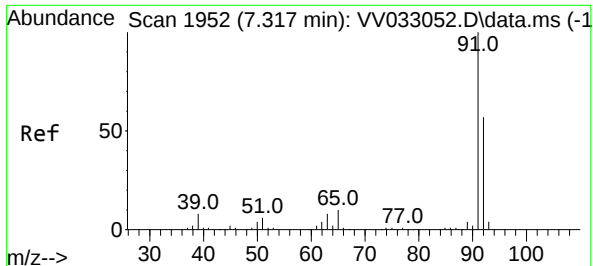
Tgt Ion: 75 Resp: 175880
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 91.362 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.009 min
 Lab File: VV033057.D
 Acq: 22 Nov 2023 14:10

Tgt Ion: 43 Resp: 226283
 Ion Ratio Lower Upper
 43 100
 58 44.1 33.2 49.8
 100 16.1 14.9 22.3





#42

Toluene

Concen: 45.794 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

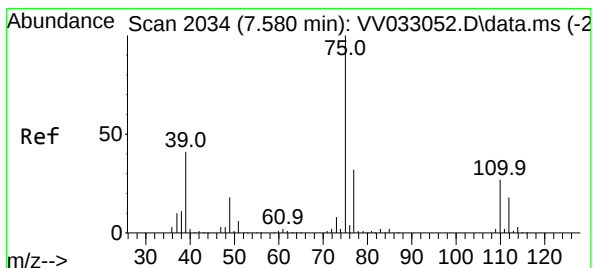
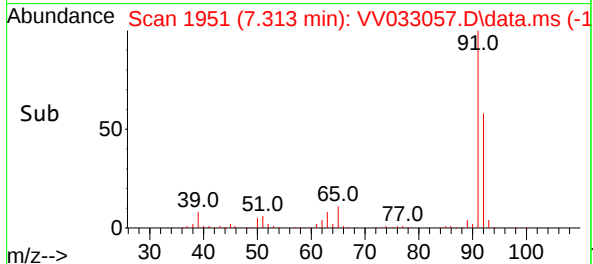
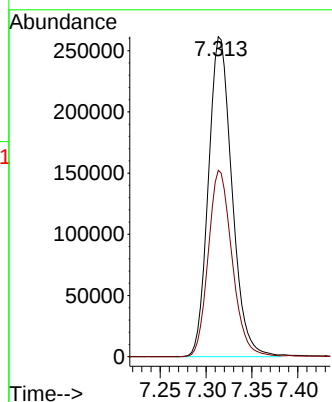
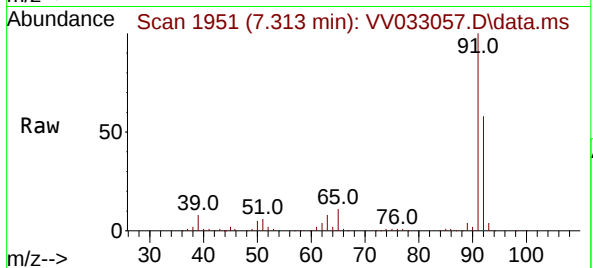
EY1G7MSME

Tgt Ion: 91 Resp: 468093

Ion Ratio Lower Upper

91 100

92 58.3 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 46.726 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.006 min

Lab File: VV033057.D

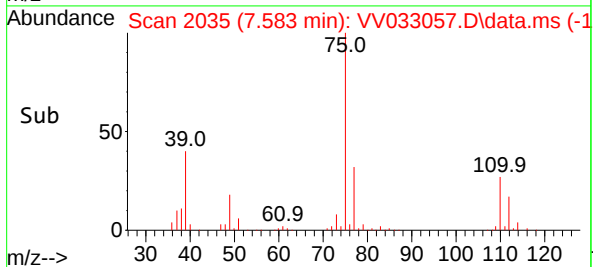
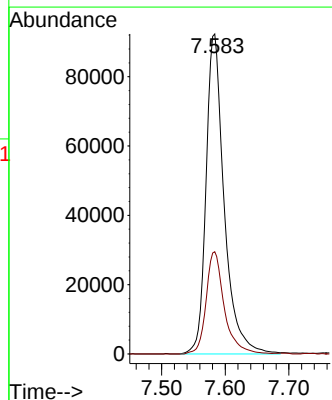
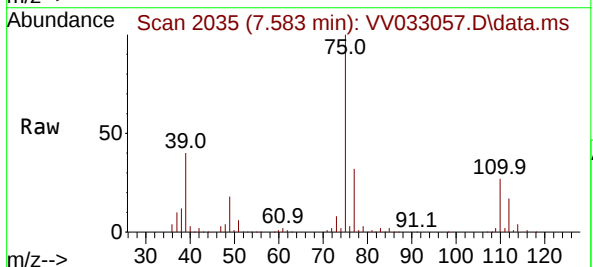
Acq: 22 Nov 2023 14:10

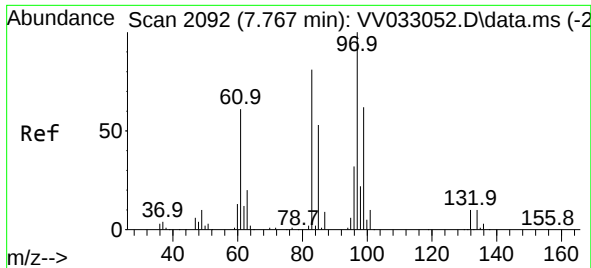
Tgt Ion: 75 Resp: 183031

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7

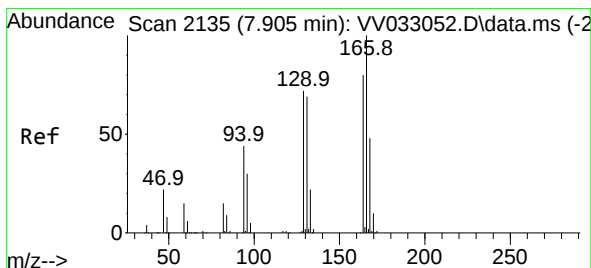
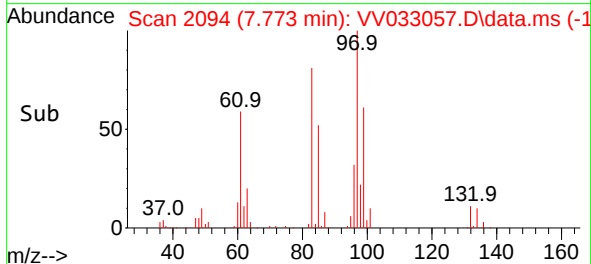
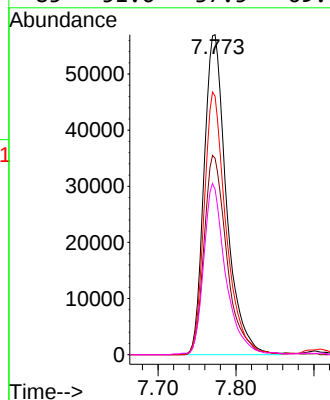
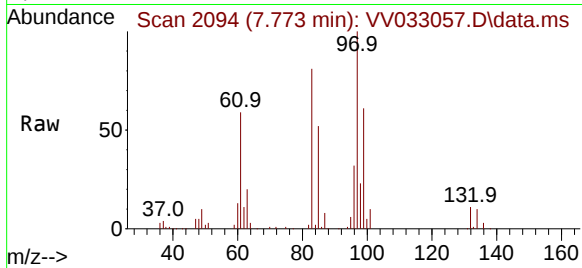




#45
1,1,2-Trichloroethane
Concen: 44.680 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.006 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

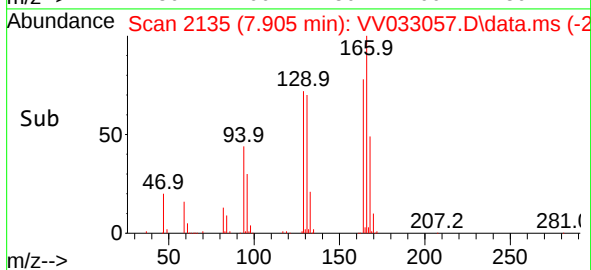
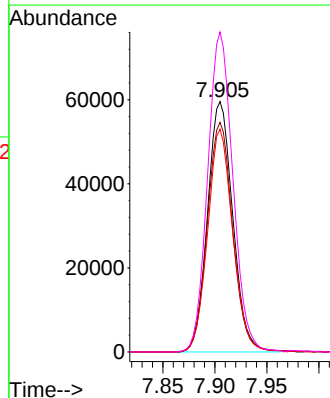
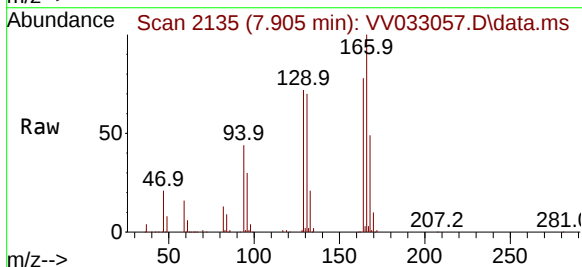
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

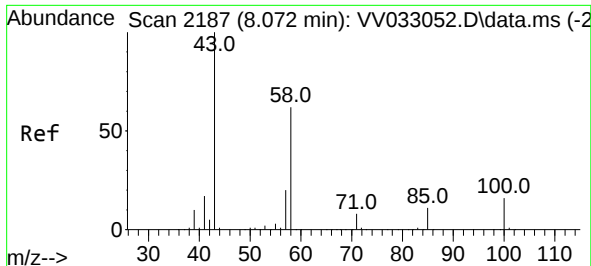
Tgt Ion: 97	Resp: 113936
Ion Ratio	Lower Upper
97 100	
99 61.4	43.5 80.9
83 80.8	55.6 103.2
85 51.6	37.5 69.6



#46
Tetrachloroethene
Concen: 44.553 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt	Ion:164	Resp:	100956
Ion	Ratio	Lower	Upper
164	100		
129	91.7	65.7	122.1
131	88.9	62.5	116.1
166	127.8	89.8	166.8

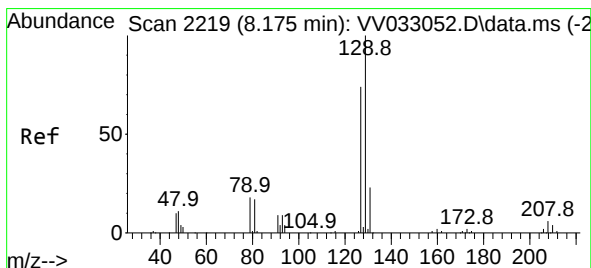
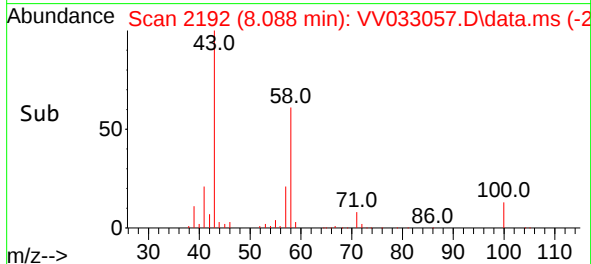
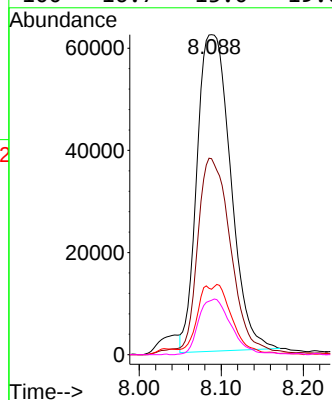
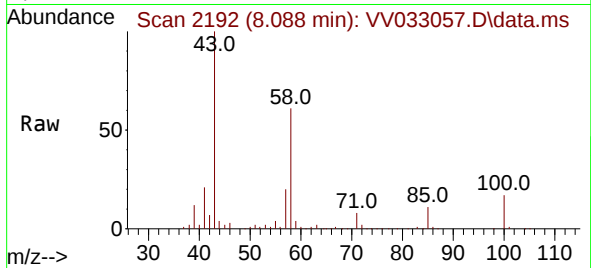




#48
2-Hexanone
Concen: 90.112 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

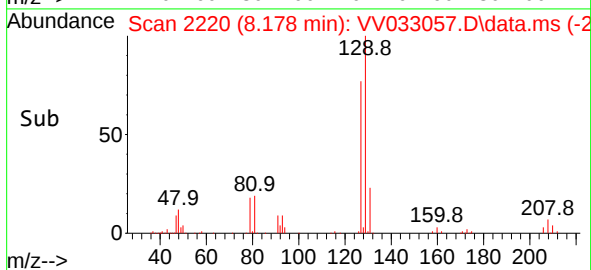
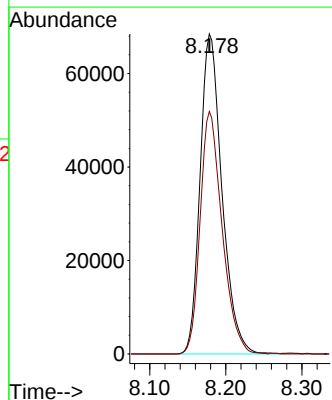
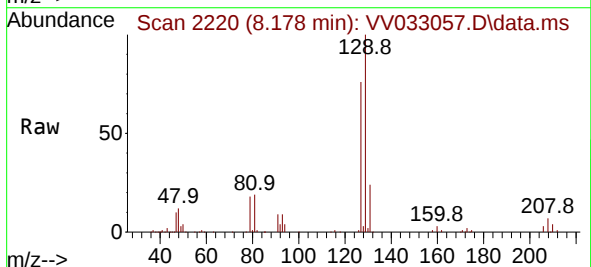
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

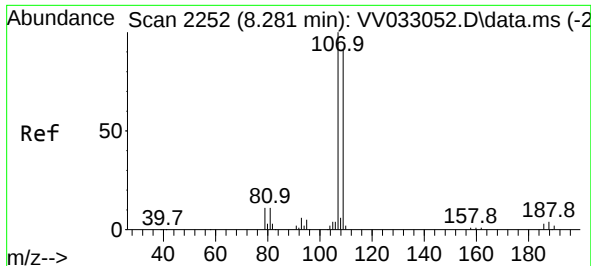
Tgt Ion: 43	Resp: 176569
Ion Ratio	Lower Upper
43 100	
58 62.2	47.0 70.6
57 8.6	17.0 25.6#
100 16.7	13.0 19.6



#49
Dibromochloromethane
Concen: 46.555 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt	Ion:129	Resp:	136827
Ion	Ratio	Lower	Upper
129	100		
127	75.8	54.4	101.0





#50

1,2-Dibromoethane

Concen: 45.213 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

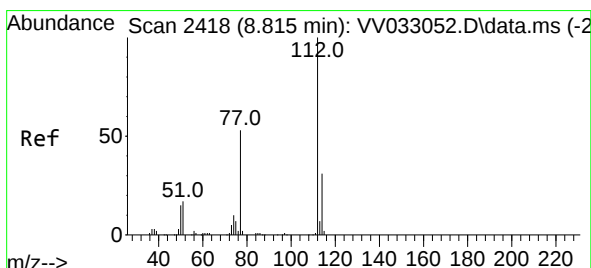
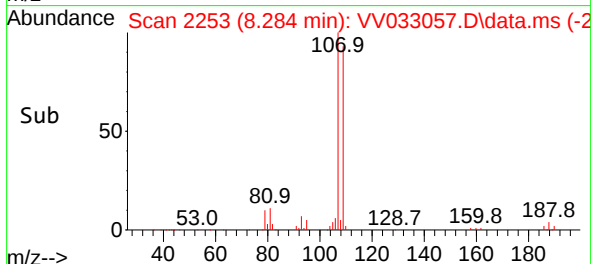
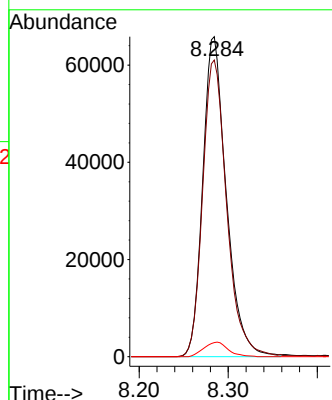
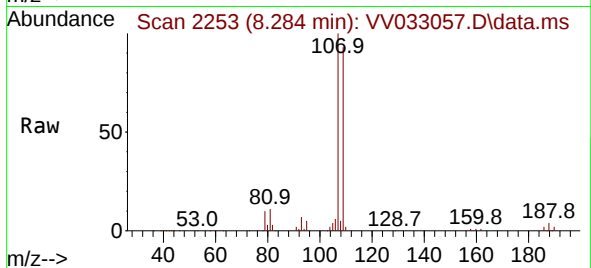
Tgt Ion:107 Resp: 120752

Ion Ratio Lower Upper

107 100

109 92.7 67.3 125.1

188 4.4 3.3 4.9



#51

Chlorobenzene

Concen: 44.617 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

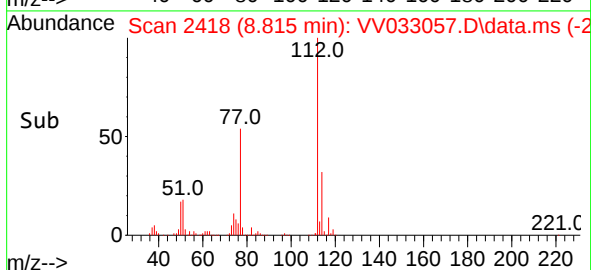
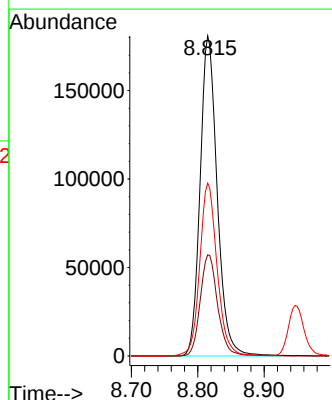
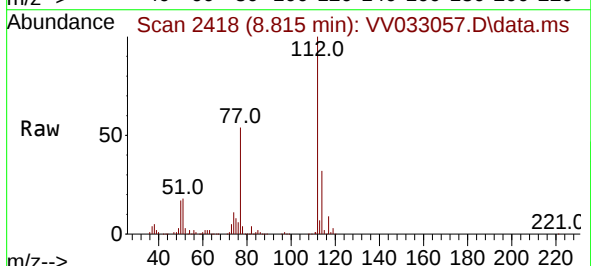
Tgt Ion:112 Resp: 323628

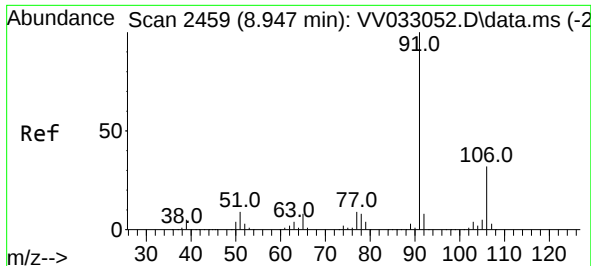
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 54.0 43.0 64.6

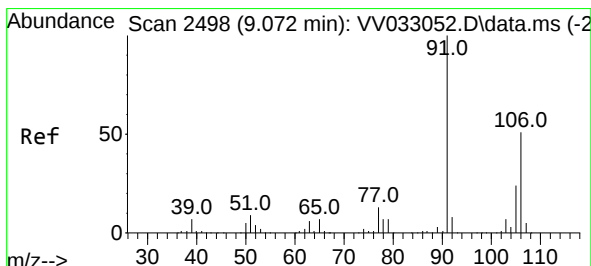
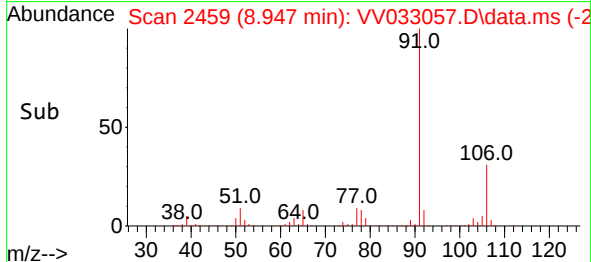
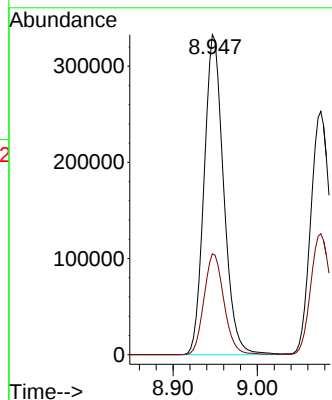
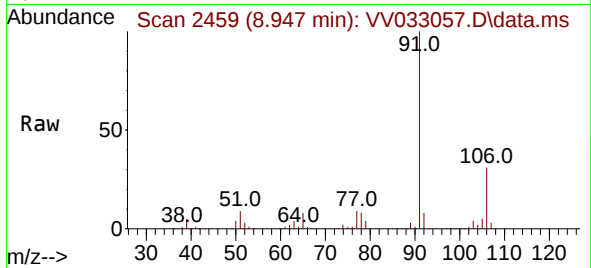




#52
Ethylbenzene
Concen: 45.901 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

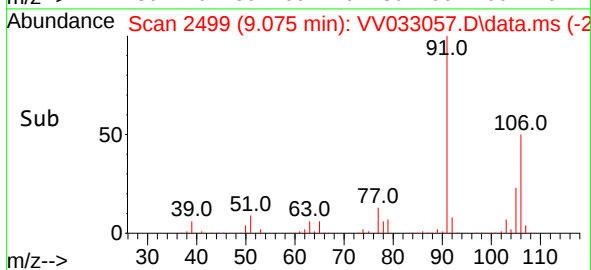
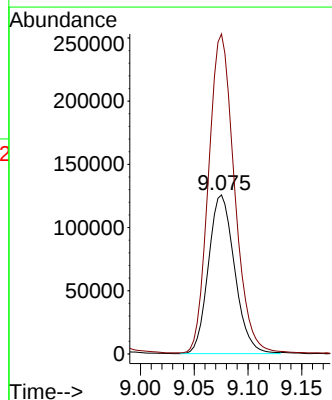
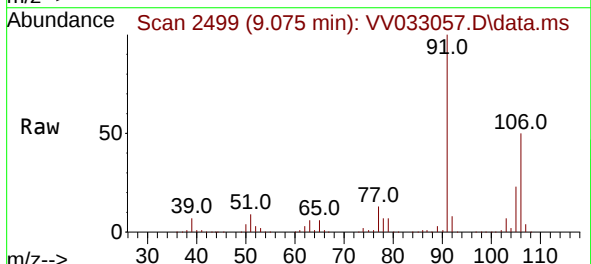
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

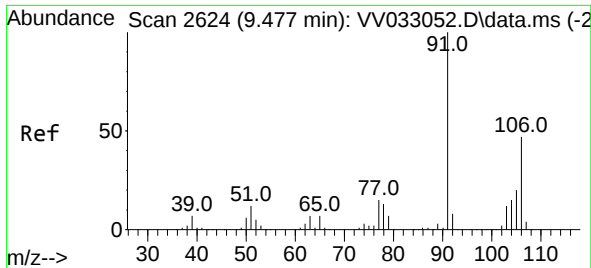
Tgt Ion: 91 Resp: 538619
Ion Ratio Lower Upper
91 100
106 31.5 22.1 41.1



#53
m,p-Xylene
Concen: 46.069 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion: 106 Resp: 212392
Ion Ratio Lower Upper
106 100
91 201.2 138.6 257.4

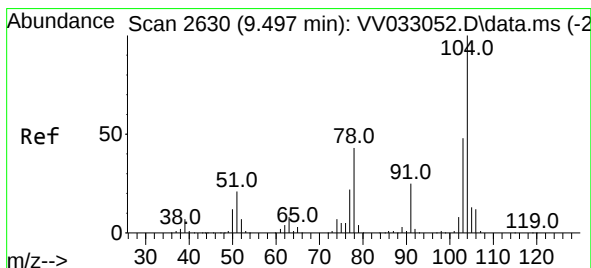
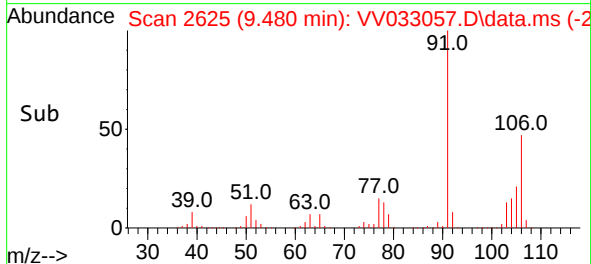
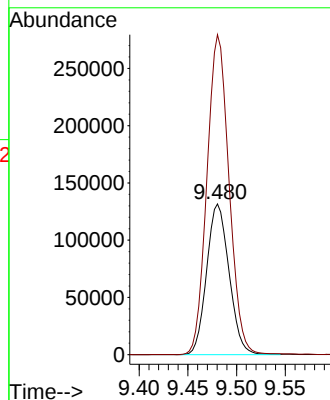
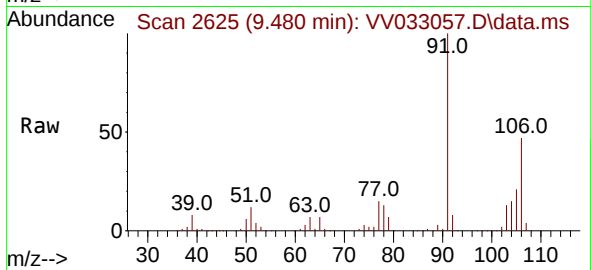




#54
o-Xylene
Concen: 47.573 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

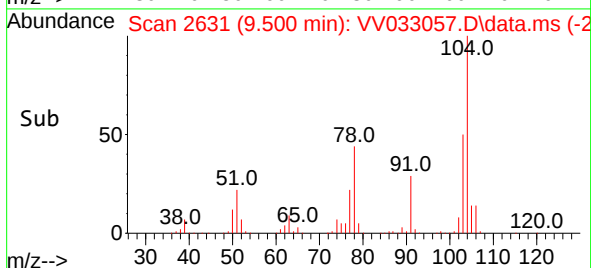
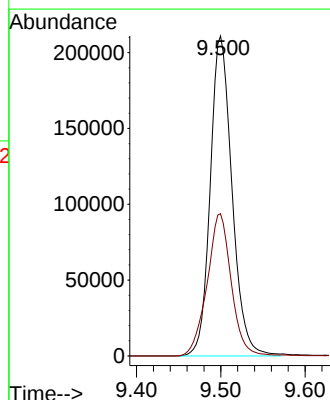
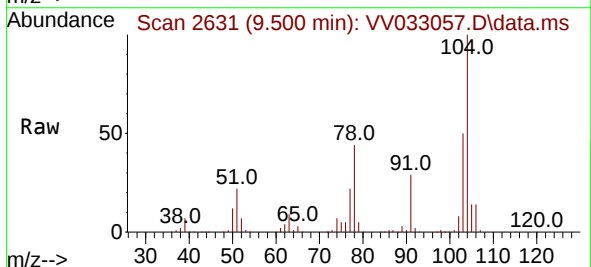
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

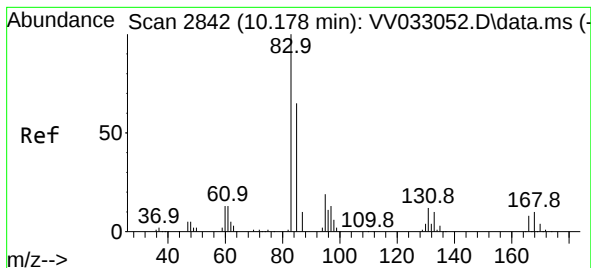
Tgt Ion:106 Resp: 211124
Ion Ratio Lower Upper
106 100
91 212.2 147.3 273.5



#55
Styrene
Concen: 47.797 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.006 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion:104 Resp: 378385
Ion Ratio Lower Upper
104 100
78 44.4 30.2 56.2

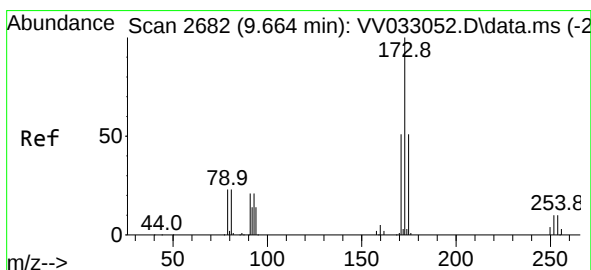
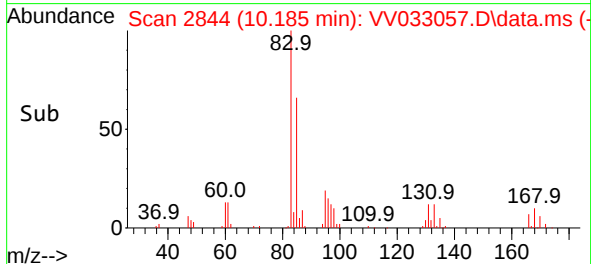
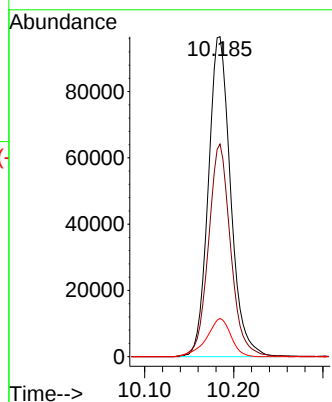
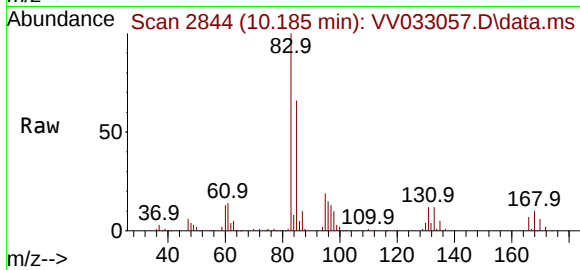




#57
1,1,2-Tetrachloroethane
Concen: 46.535 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.006 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

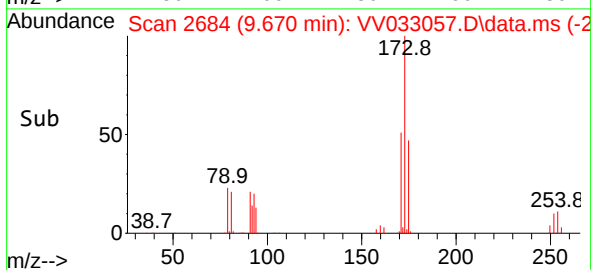
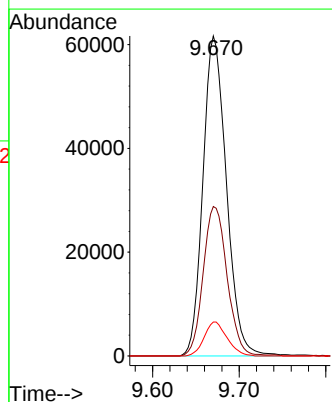
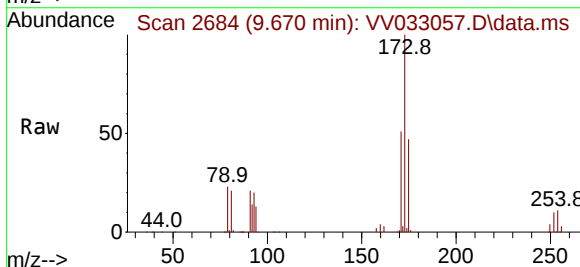
Instrument :
MSVOA_V
ClientSampleId :
EY1G7MSME

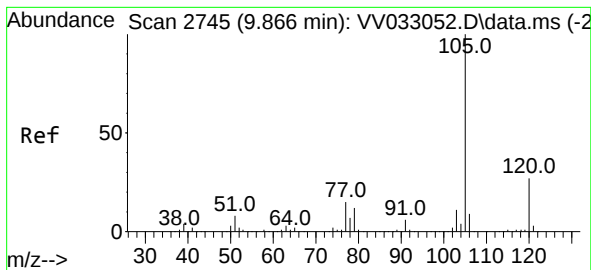
Tgt Ion: 83 Resp: 167635
Ion Ratio Lower Upper
83 100
85 66.5 45.8 85.2
131 11.9 9.4 14.0



#59
Bromoform
Concen: 48.183 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.006 min
Lab File: VV033057.D
Acq: 22 Nov 2023 14:10

Tgt Ion: 173 Resp: 116194
Ion Ratio Lower Upper
173 100
175 47.5 38.7 58.1
254 10.3 7.9 11.9





#60

Isopropylbenzene

Concen: 45.954 ug/L

RT: 9.869 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

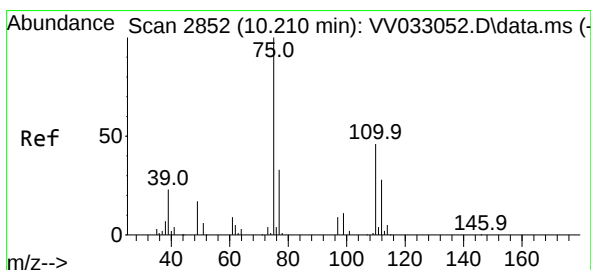
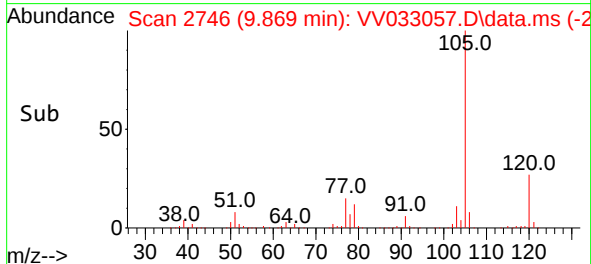
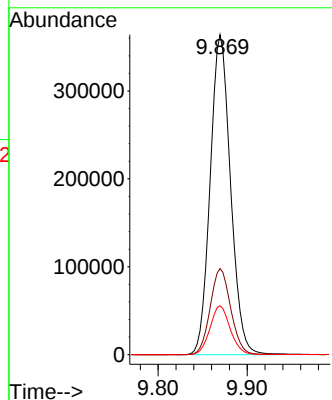
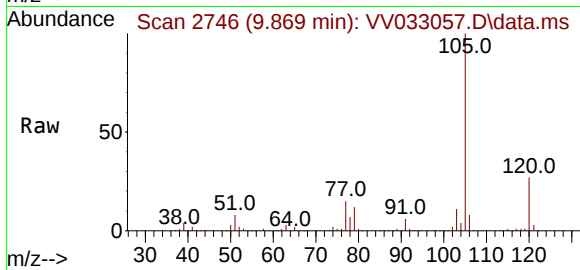
Tgt Ion:105 Resp: 576466

Ion Ratio Lower Upper

105 100

120 27.2 21.4 32.2

77 15.2 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 43.807 ug/L

RT: 10.213 min Scan# 2853

Delta R.T. 0.006 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

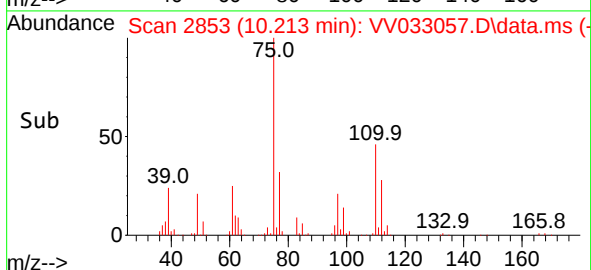
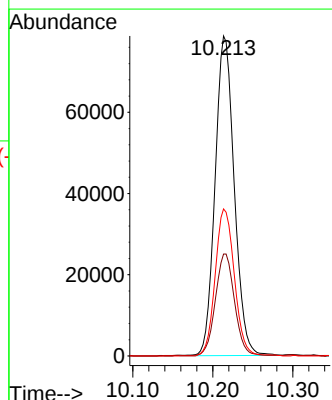
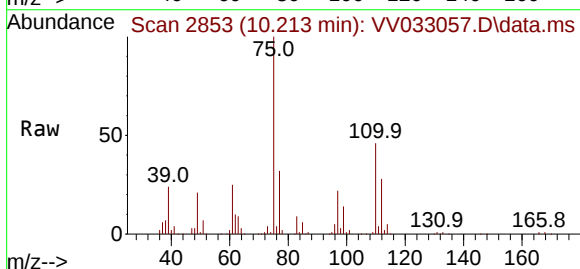
Tgt Ion: 75 Resp: 130767

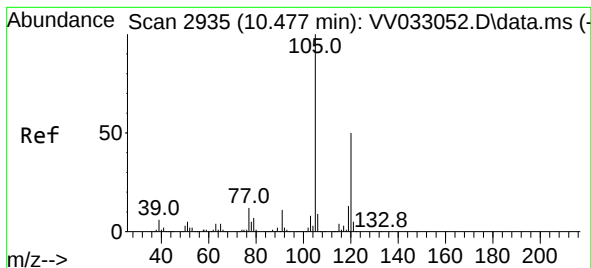
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

110 45.9 36.2 54.4





#62

1,3,5-Trimethylbenzene

Concen: 46.877 ug/L

RT: 10.480 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

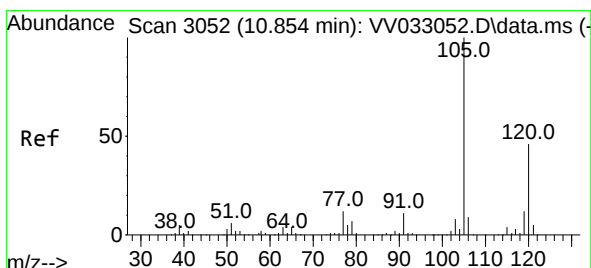
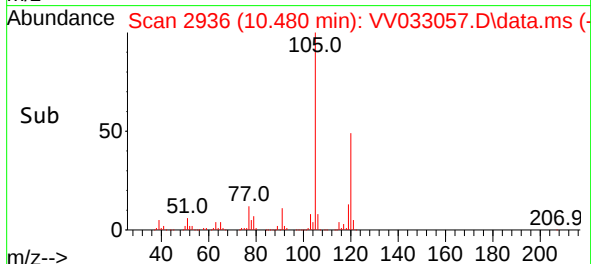
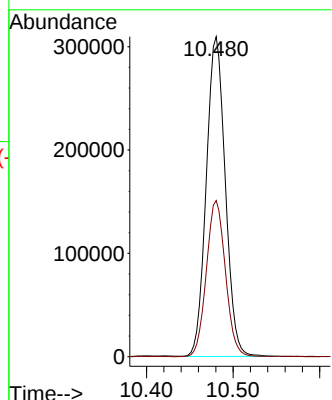
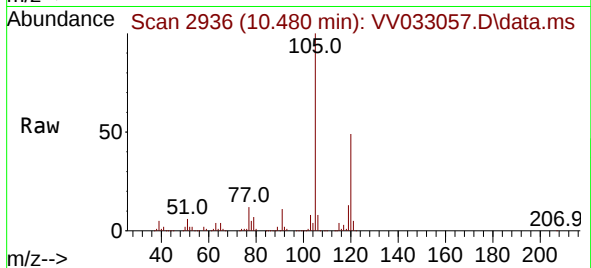
EY1G7MSME

Tgt Ion:105 Resp: 471793

Ion Ratio Lower Upper

105 100

120 49.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 46.974 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV033057.D

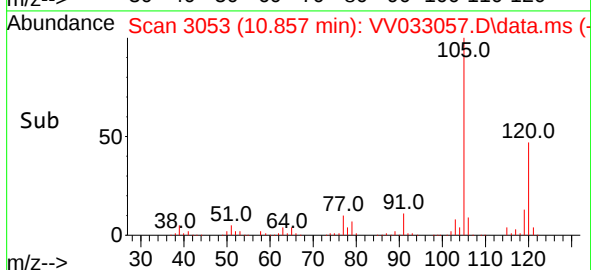
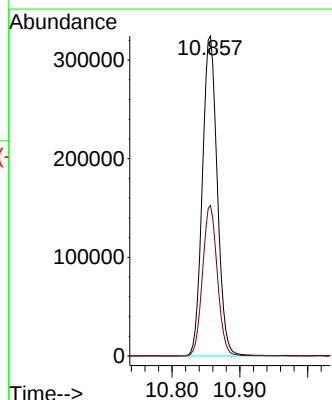
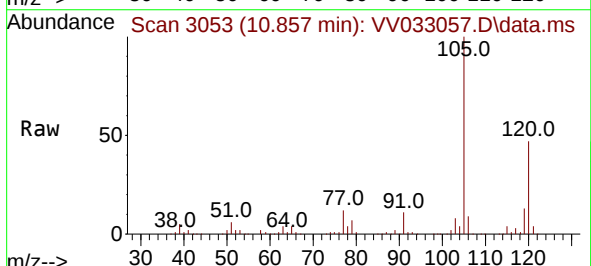
Acq: 22 Nov 2023 14:10

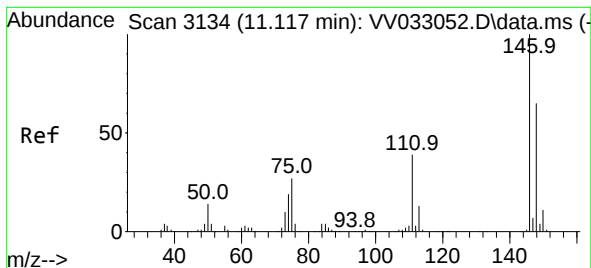
Tgt Ion:105 Resp: 495277

Ion Ratio Lower Upper

105 100

120 46.7 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 45.831 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

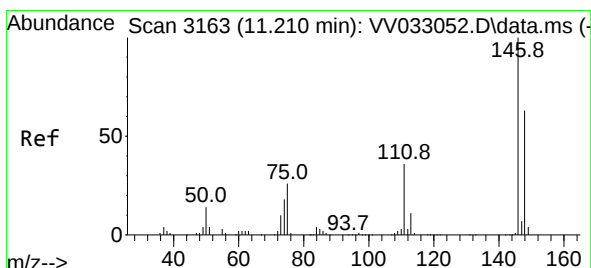
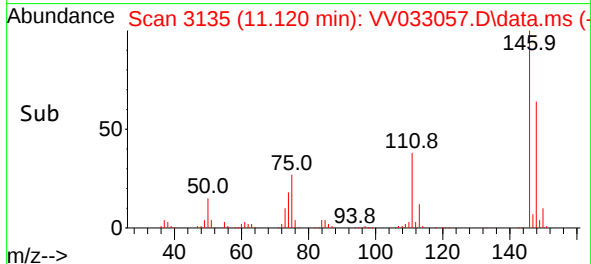
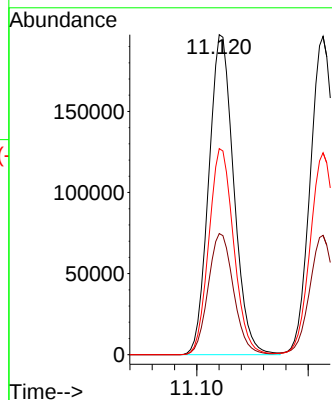
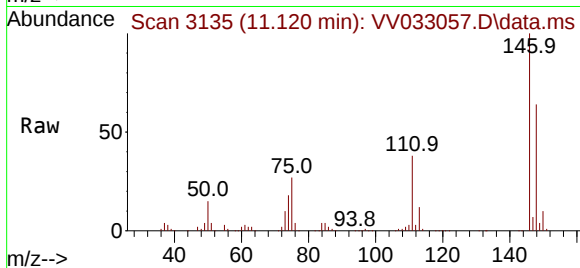
Tgt Ion:146 Resp: 308013

Ion Ratio Lower Upper

146 100

111 37.9 26.5 49.1

148 64.4 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 44.535 ug/L

RT: 11.213 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

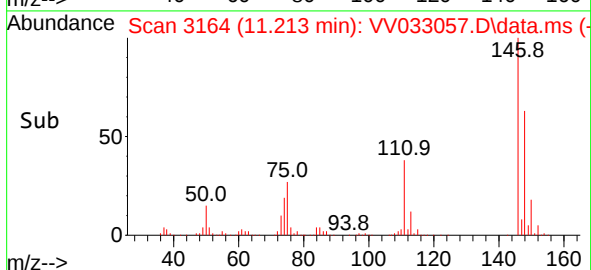
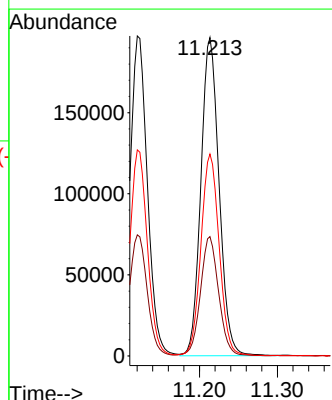
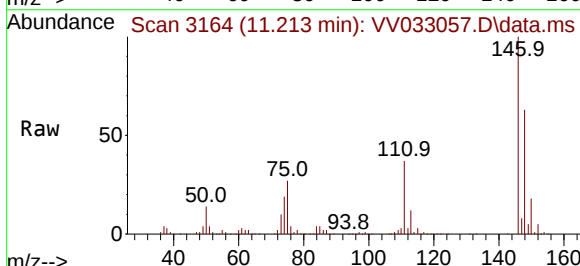
Tgt Ion:146 Resp: 318149

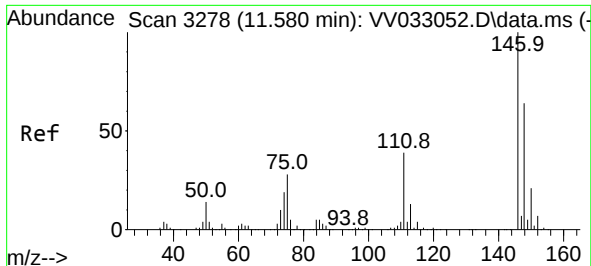
Ion Ratio Lower Upper

146 100

111 37.5 25.1 46.7

148 63.4 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 45.134 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

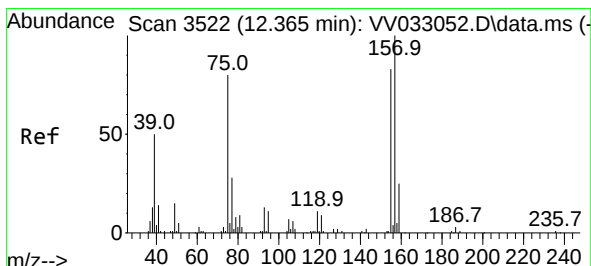
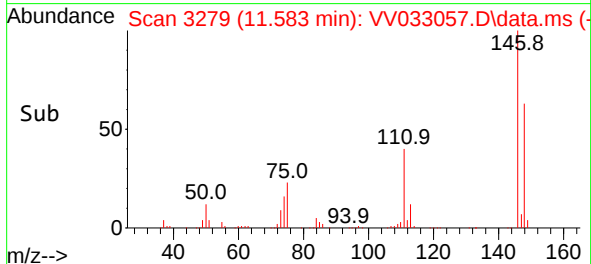
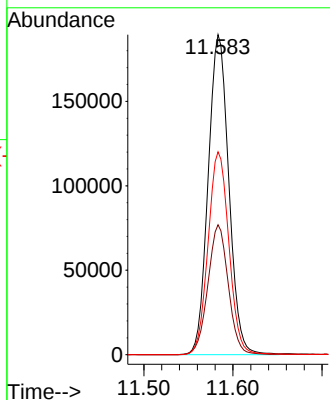
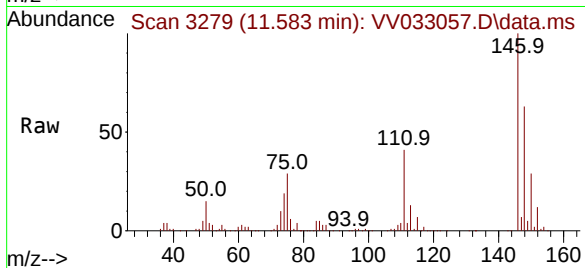
Tgt Ion:146 Resp: 304374

Ion Ratio Lower Upper

146 100

111 40.6 31.8 47.6

148 63.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 44.087 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

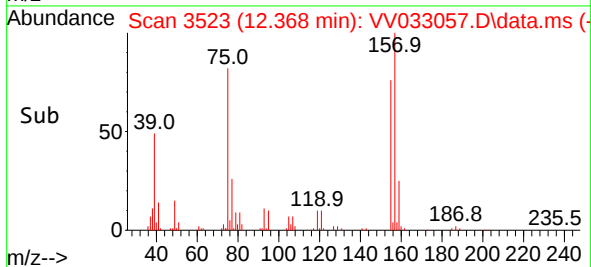
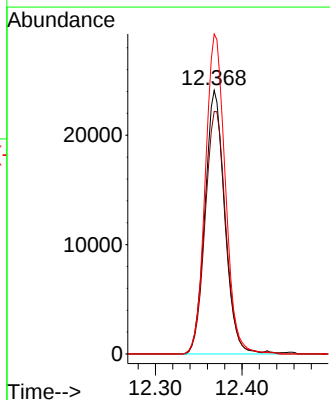
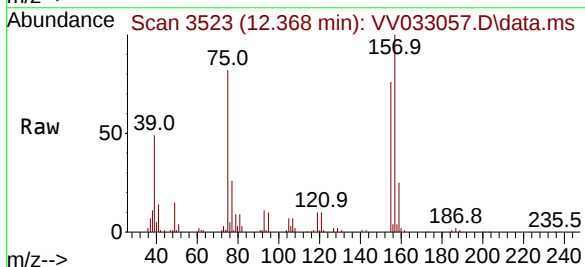
Tgt Ion: 75 Resp: 38285

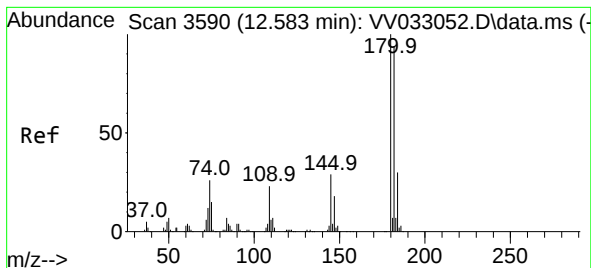
Ion Ratio Lower Upper

75 100

155 92.0 79.8 119.8

157 121.4 102.5 153.7





#69

1,3,5-Trichlorobenzene

Concen: 45.336 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

Tgt Ion:180 Resp: 236883

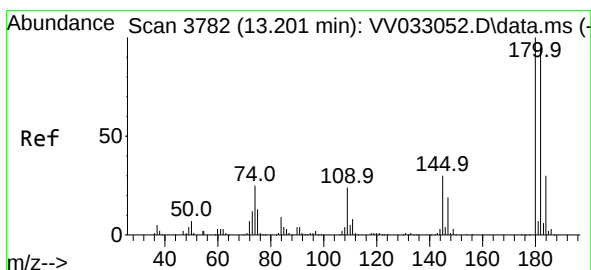
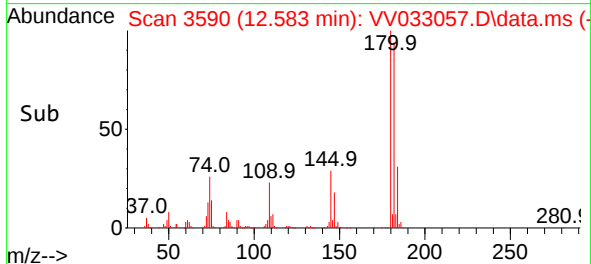
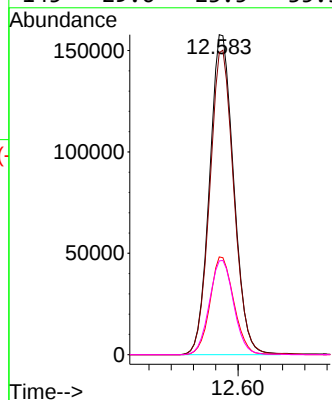
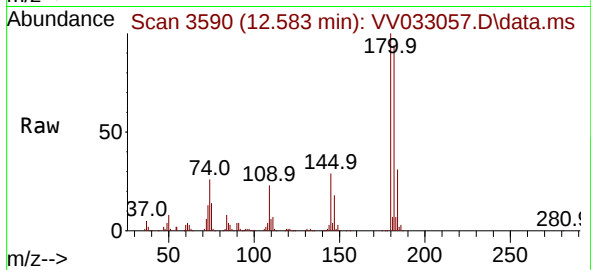
Ion Ratio Lower Upper

180 100

182 95.2 76.6 115.0

184 30.1 24.5 36.7

145 29.6 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 45.122 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

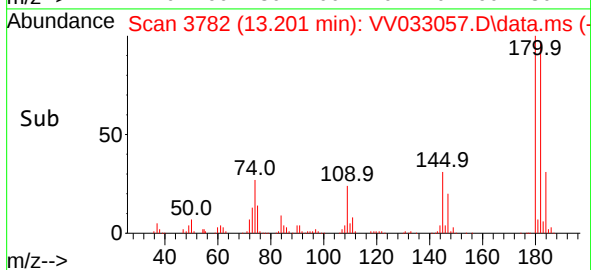
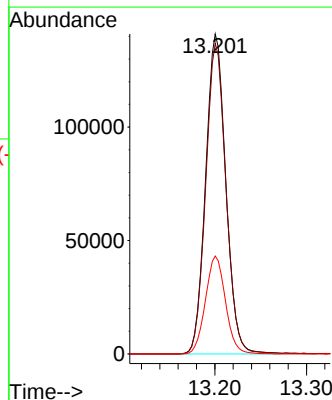
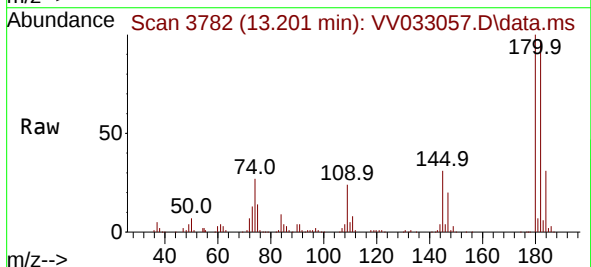
Tgt Ion:180 Resp: 216065

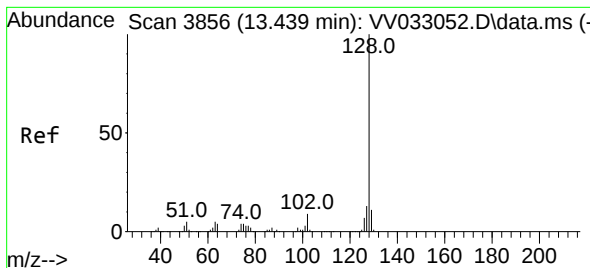
Ion Ratio Lower Upper

180 100

182 97.0 76.8 115.2

145 30.3 23.2 34.8





#71

Naphthalene

Concen: 46.576 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

EY1G7MSME

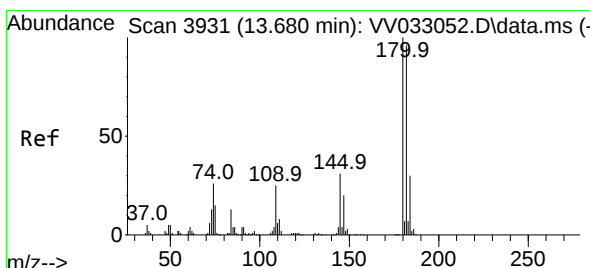
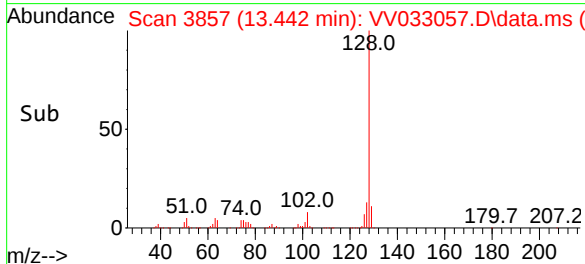
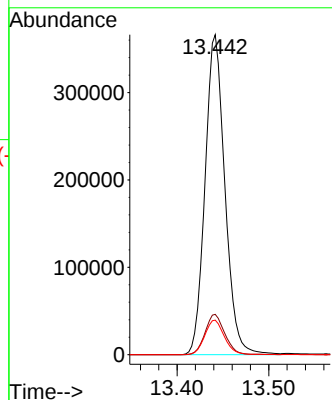
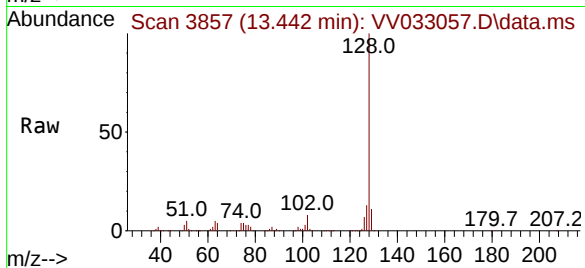
Tgt Ion:128 Resp: 551623

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 46.254 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033057.D

Acq: 22 Nov 2023 14:10

Tgt Ion:180 Resp: 214738

Ion Ratio Lower Upper

180 100

182 94.5 76.6 114.8

145 31.6 25.5 38.3

