

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030701.D
 Acq On : 20 Apr 2023 06:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 06:55:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	233512	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	226669	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	137985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	55734	32.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.120%
7) Chloroethane-d5	1.535	69	50378	35.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	2.063	65	28979	35.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.400%
21) 2-Butanone-d5	3.796	46	97829	104.047	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.050%
24) Chloroform-d	4.259	84	139073	44.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.660%
26) 1,2-Dichloroethane-d4	4.950	65	92599	46.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
32) Benzene-d6	4.969	84	234275	43.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	5.998	67	75380	45.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	7.249	98	222458	44.212	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.420%
43) trans-1,3-Dichloroprop...	7.558	79	35443	42.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.480%
47) 2-Hexanone-d5	8.034	63	63671	97.092	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.090%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	122211	50.594	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.180%
66) 1,2-Dichlorobenzene-d4	11.570	152	105046	47.896	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	91201	45.426	ug/L	98
3) Chloromethane	1.217	50	114975	43.657	ug/L	100
5) Vinyl chloride	1.288	62	98898	46.578	ug/L	97
6) Bromomethane	1.487	94	41406	49.180	ug/L	100
8) Chloroethane	1.551	64	62678	43.039	ug/L	99
9) Trichlorofluoromethane	1.719	101	166976	48.522	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	84533	46.742	ug/L	98
12) 1,1-Dichloroethene	2.076	96	78815	48.202	ug/L	88
13) Acetone	2.117	43	93517	64.276	ug/L	100
14) Carbon disulfide	2.246	76	211841	45.870	ug/L	100
15) Methyl Acetate	2.378	43	90658	46.693	ug/L	98
16) Methylene chloride	2.455	84	85798	45.854	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	77278	46.817	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	261804	49.517	ug/L	98
19) 1,1-Dichloroethane	3.121	63	159606	47.425	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	86810	48.346	ug/L	99
22) 2-Butanone	3.876	43	118551	78.848	ug/L	96
23) Bromochloromethane	4.159	128	48906	48.767	ug/L	99
25) Chloroform	4.284	83	170314	48.894	ug/L	98

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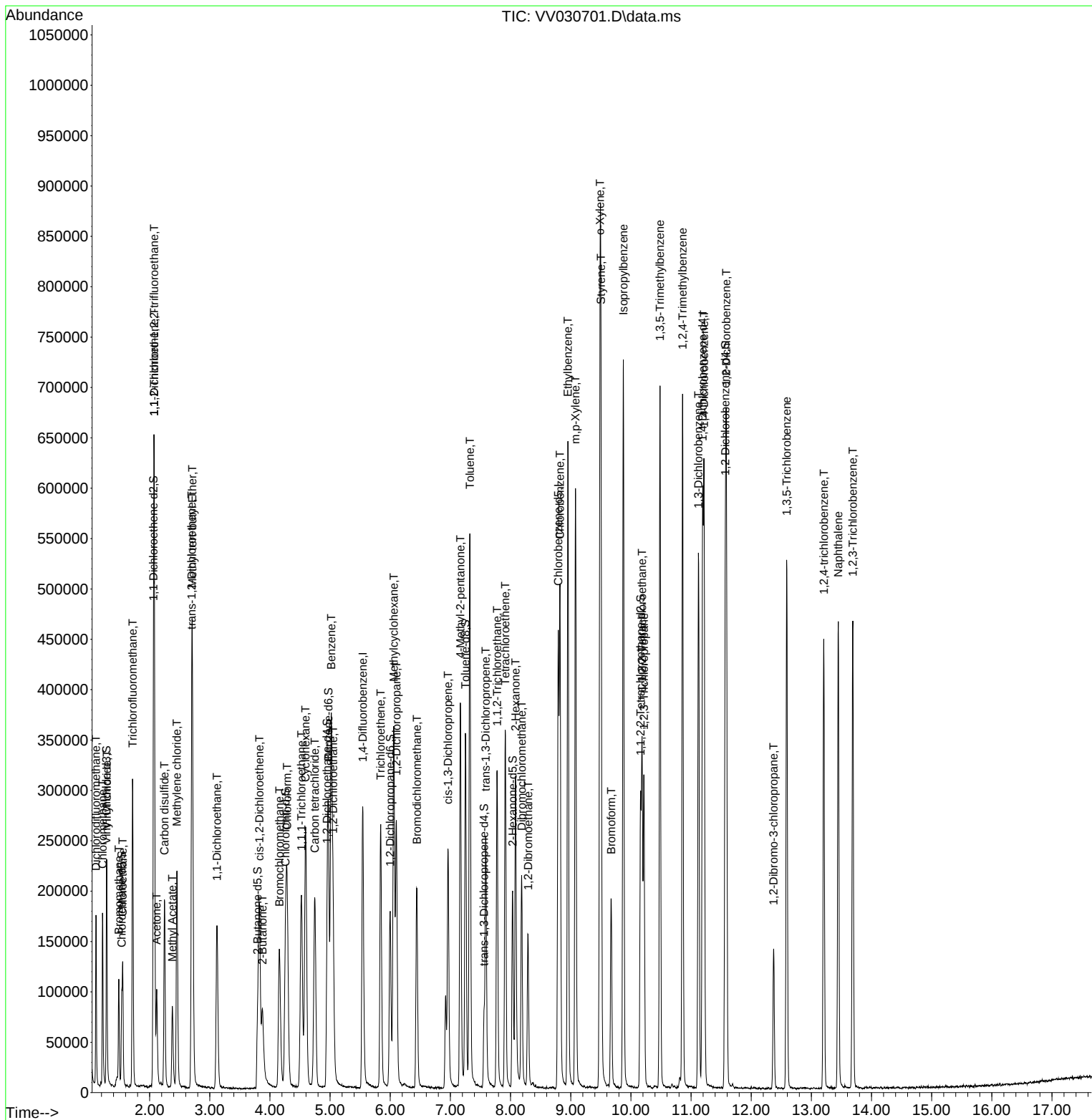
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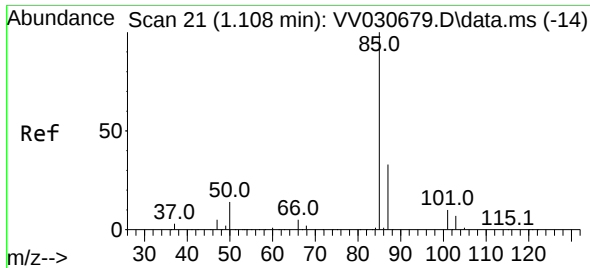
Quant Time: Apr 20 06:55:27 2023
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:25:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	150743	51.123	ug/L	100
29) Cyclohexane	4.593	56	130753	48.069	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	156011	48.983	ug/L	100
31) Carbon tetrachloride	4.744	117	140121	49.206	ug/L	99
33) Benzene	5.018	78	349379	50.758	ug/L	100
34) Trichloroethene	5.841	95	87124	48.662	ug/L	98
35) Methylcyclohexane	6.059	83	134970	48.111	ug/L	98
37) 1,2-Dichloropropane	6.101	63	88568	47.806	ug/L	98
38) Bromodichloromethane	6.442	83	128556	49.397	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	131773	47.390	ug/L	96
40) 4-Methyl-2-pentanone	7.165	43	249028	96.226	ug/L	100
42) Toluene	7.323	91	381752	51.780	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	129973	47.577	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	90664	48.803	ug/L	98
46) Tetrachloroethene	7.911	164	77424	49.404	ug/L	99
48) 2-Hexanone	8.082	43	187855	87.973	ug/L	100
49) Dibromochloromethane	8.185	129	98696	48.165	ug/L	96
50) 1,2-Dibromoethane	8.291	107	92746	48.182	ug/L	100
51) Chlorobenzene	8.821	112	245024	50.181	ug/L	100
52) Ethylbenzene	8.953	91	417596	51.164	ug/L	100
53) m,p-Xylene	9.078	106	160454	52.045	ug/L	99
54) o-Xylene	9.487	106	155973	51.715	ug/L	98
55) Styrene	9.503	104	277797	52.435	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	145958	47.854	ug/L	100
59) Bromoform	9.673	173	81789	47.343	ug/L	99
60) Isopropylbenzene	9.876	105	425869	49.488	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	111876	45.268	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	345764	48.800	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	346667	49.003	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	207667	48.200	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	215059	47.337	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	213672	49.160	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	32524	44.419	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	155953	47.918	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	132470	47.938	ug/L	99
71) Naphthalene	13.448	128	349556	46.243	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	136527	49.825	ug/L	99

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

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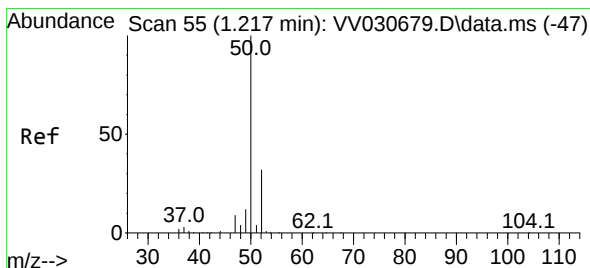
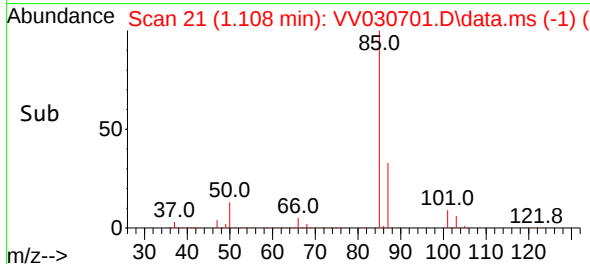
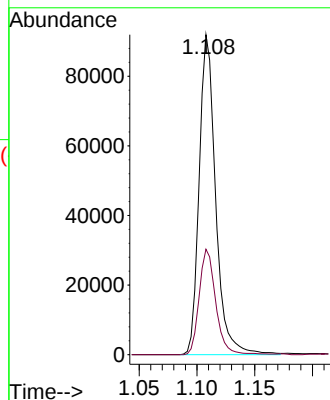
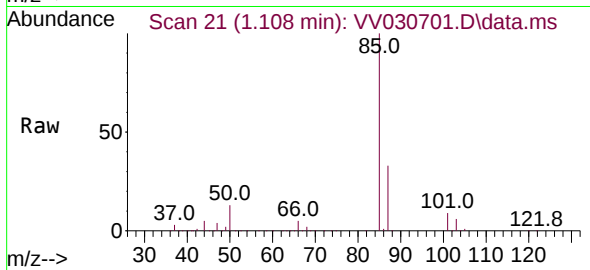




#2
 Dichlorodifluoromethane
 Concen: 45.426 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

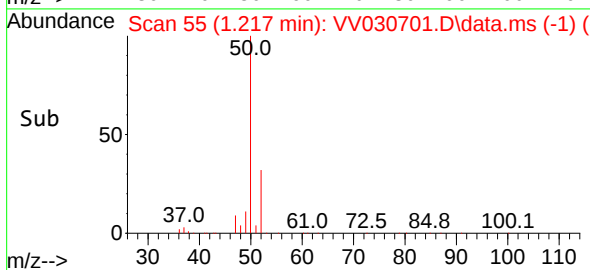
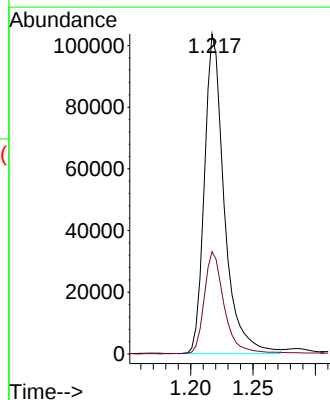
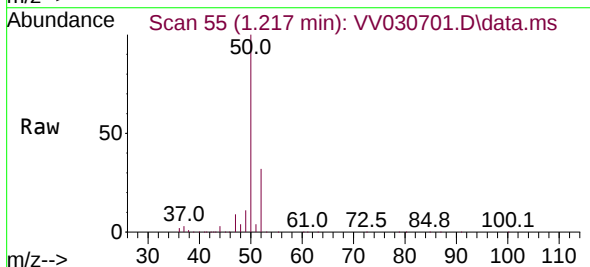
Instrument :
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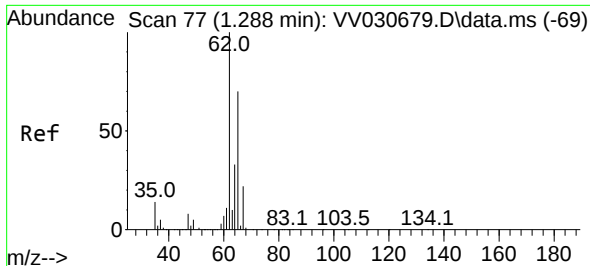
Tgt Ion: 85 Resp: 91201
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.6 38.4



#3
 Chloromethane
 Concen: 43.657 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

Tgt Ion: 50 Resp: 114975
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.5 41.9

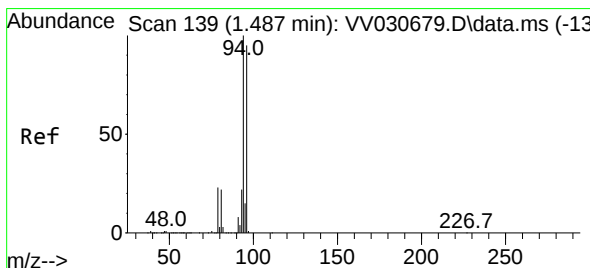
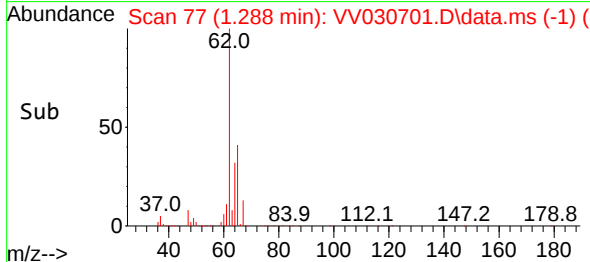
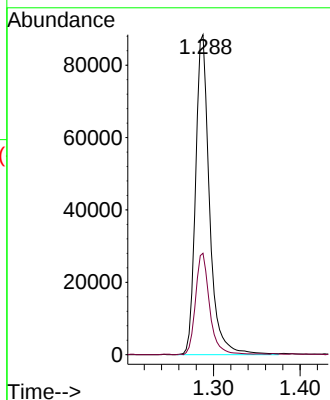
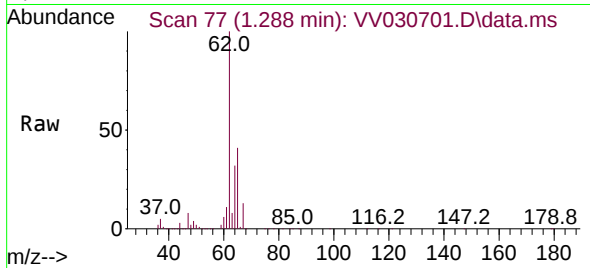




#5
 Vinyl chloride
 Concen: 46.578 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

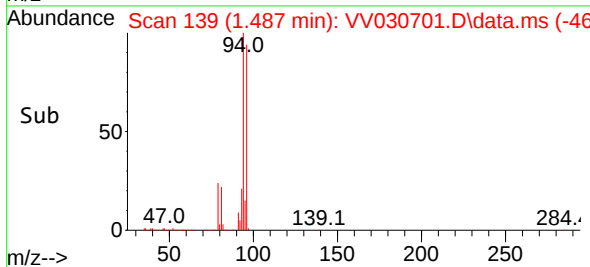
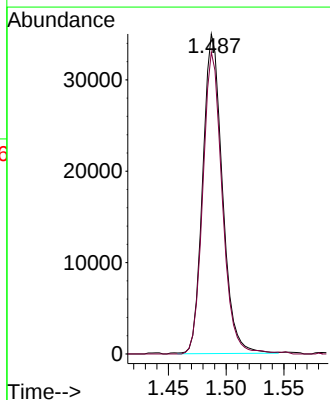
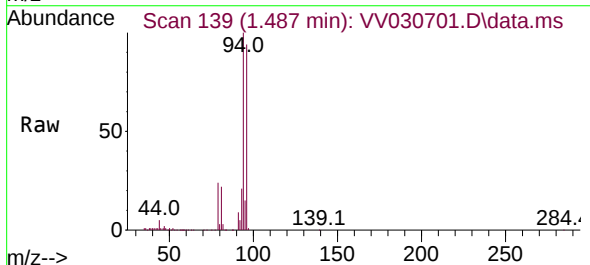
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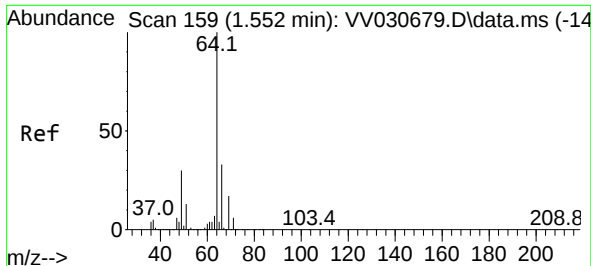
Tgt Ion: 62 Resp: 98898
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.4 43.4



#6
 Bromomethane
 Concen: 49.180 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

Tgt Ion: 94 Resp: 41406
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.3 123.1

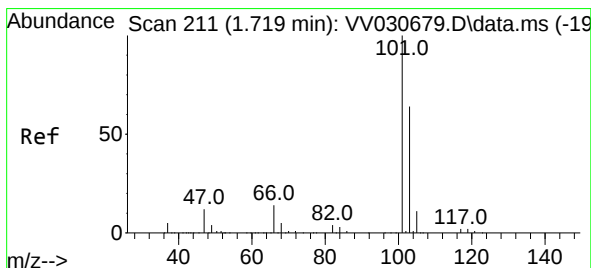
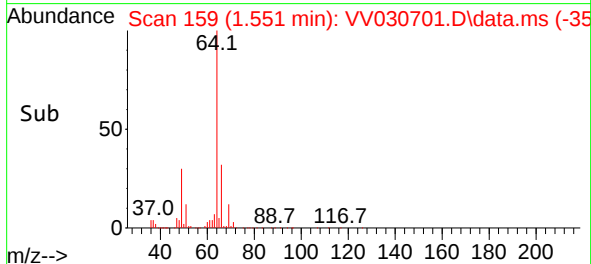
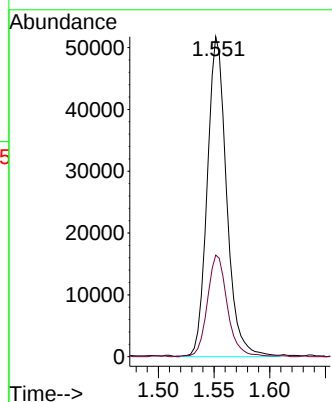
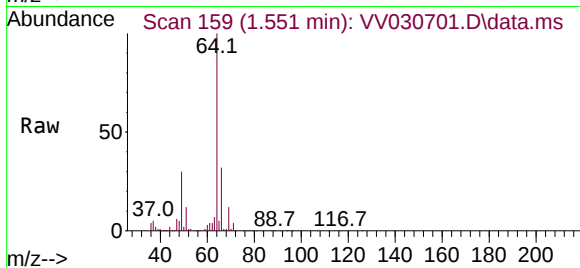




#8
Chloroethane
Concen: 43.039 ug/L
RT: 1.551 min Scan# 159
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

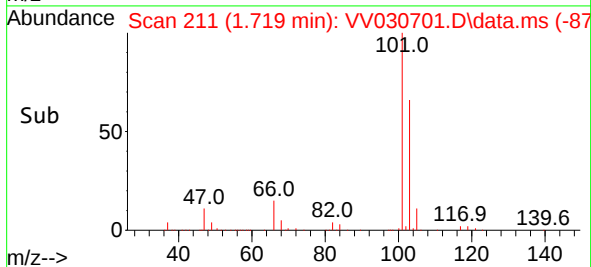
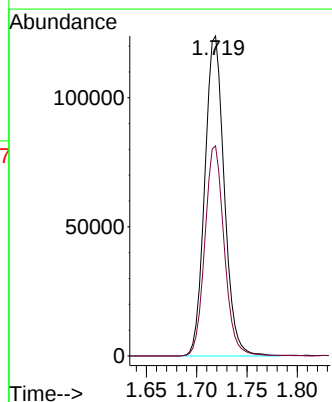
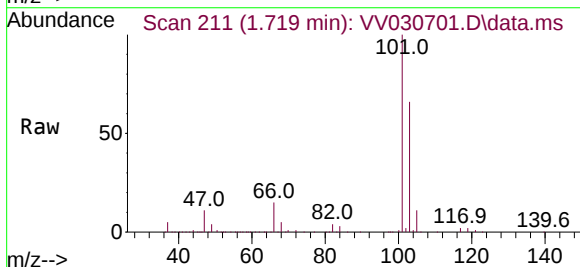
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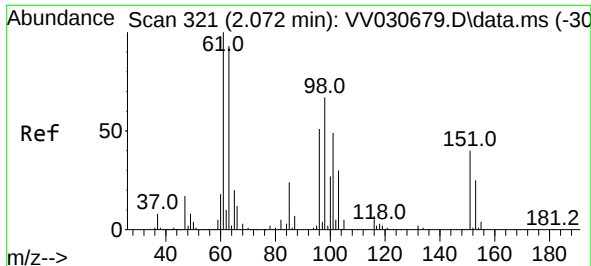
Tgt Ion: 64 Resp: 62678
Ion Ratio Lower Upper
64 100
66 31.7 22.7 42.3



#9
Trichlorofluoromethane
Concen: 48.522 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion:101 Resp: 166976
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

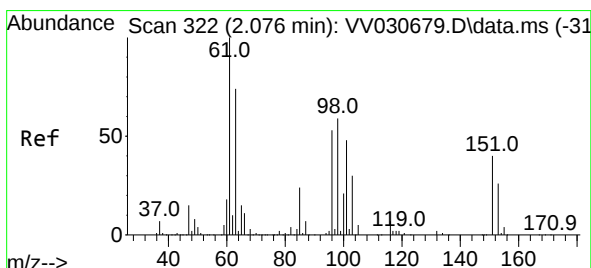
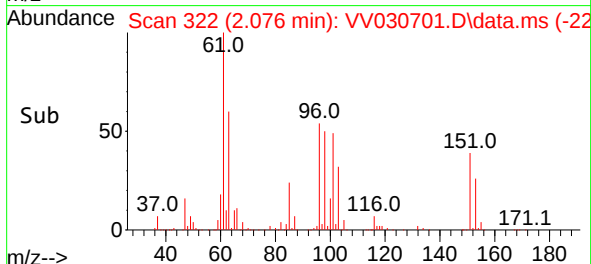
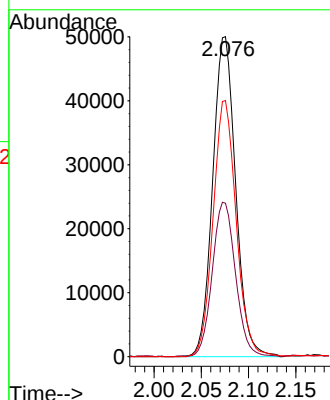
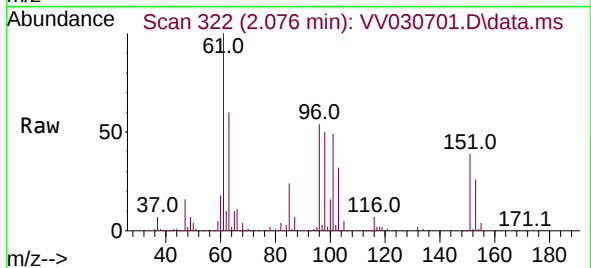




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.742 ug/L
 RT: 2.076 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

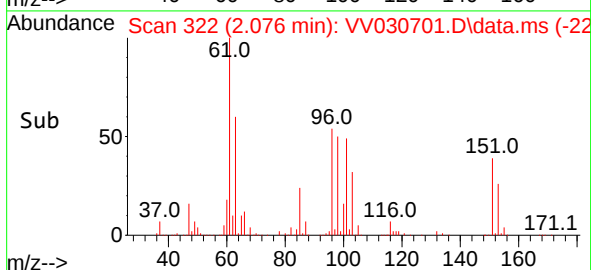
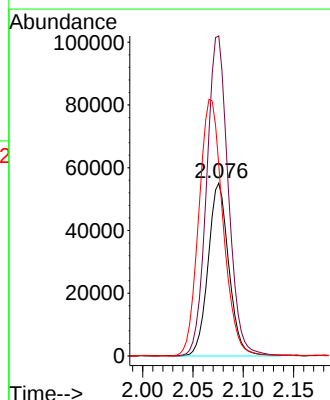
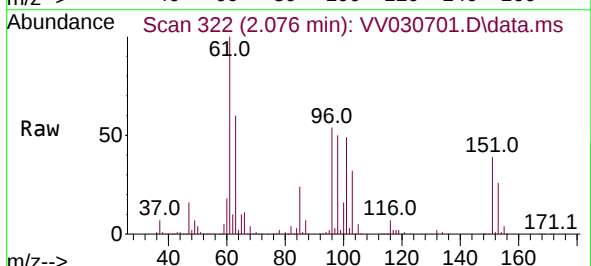
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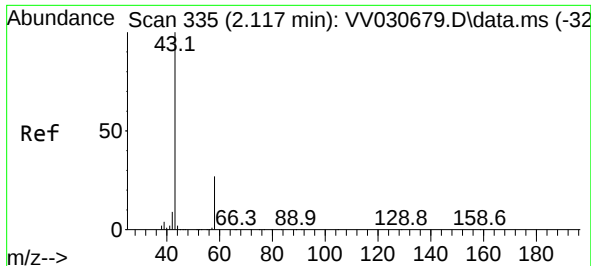
Tgt Ion:101 Resp: 84533
 Ion Ratio Lower Upper
 101 100
 85 48.8 37.5 56.3
 151 80.7 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 48.202 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

Tgt Ion: 96 Resp: 78815
 Ion Ratio Lower Upper
 96 100
 61 185.1 131.9 245.0
 63 110.6 99.8 185.3





#13

Acetone

Concen: 64.276 ug/L

RT: 2.117 min Scan# 311

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

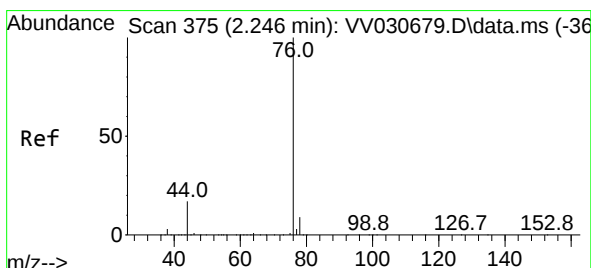
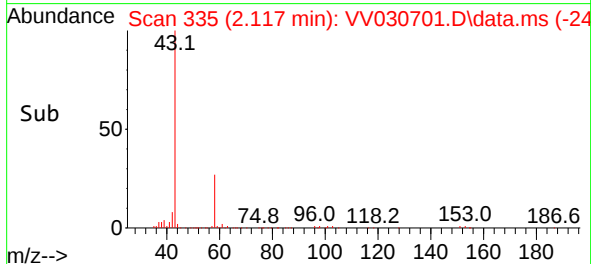
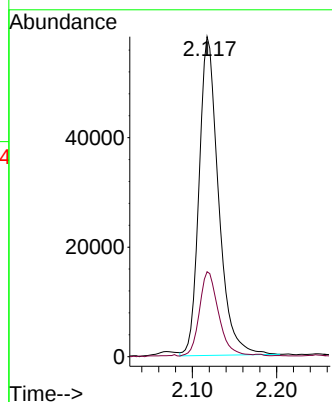
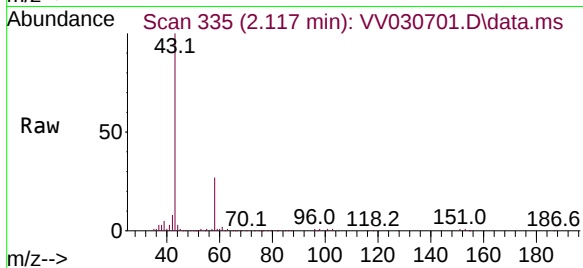
ClientSampleId :

Tgt Ion: 43 Resp: 93517

Ion Ratio Lower Upper

43 100

58 26.2 0.0 52.8



#14

Carbon disulfide

Concen: 45.870 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030701.D

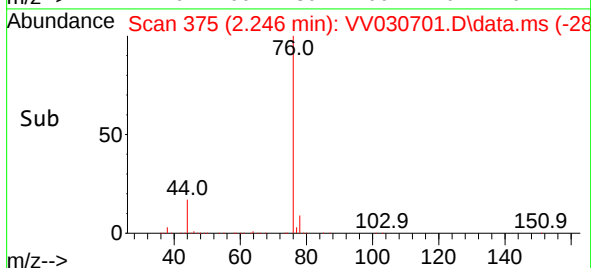
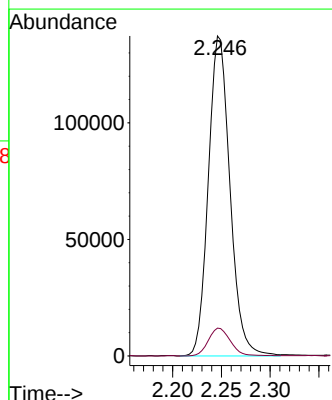
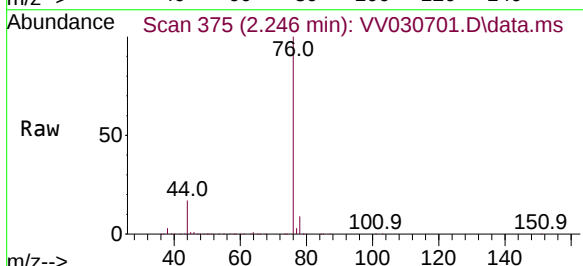
Acq: 20 Apr 2023 06:09

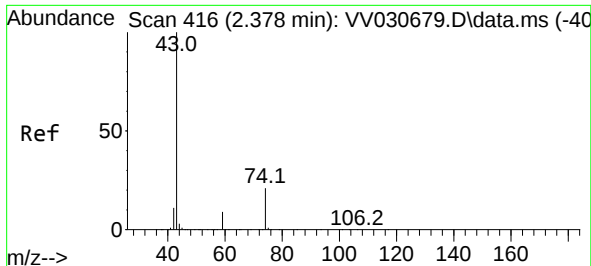
Tgt Ion: 76 Resp: 211841

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

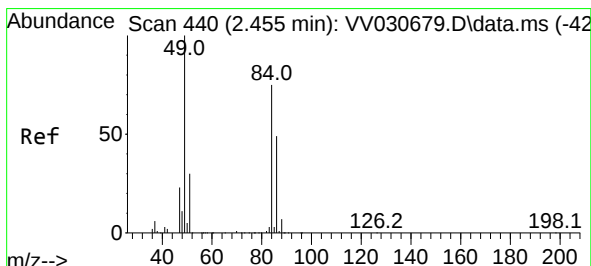
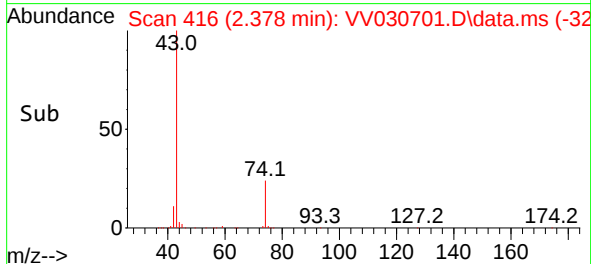
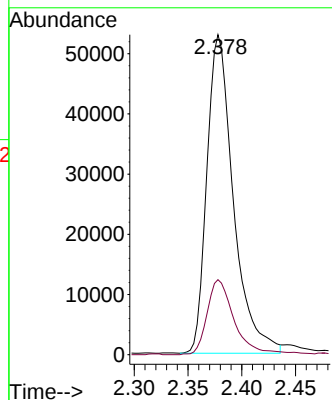
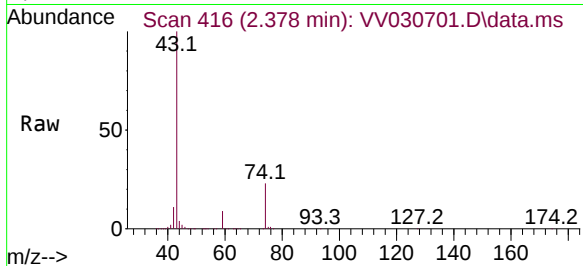




#15
Methyl Acetate
Concen: 46.693 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

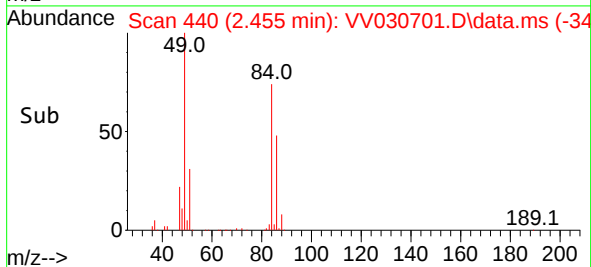
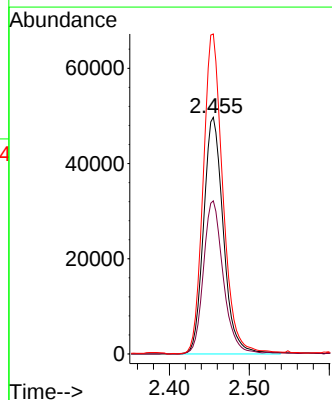
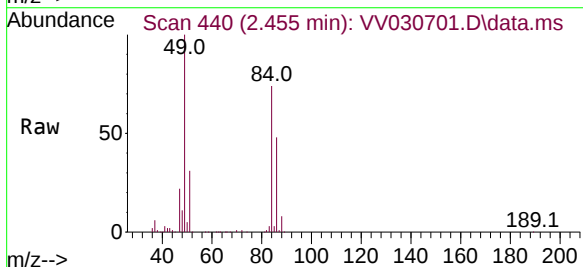
Instrument :
MSVOA_V
ClientSampleId :

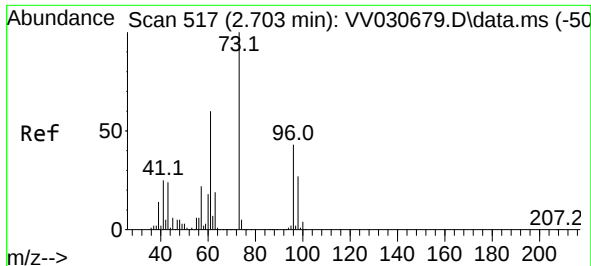
Tgt Ion: 43 Resp: 90658
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5



#16
Methylene chloride
Concen: 45.854 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion: 84 Resp: 85798
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.2
49 135.3 90.4 168.0

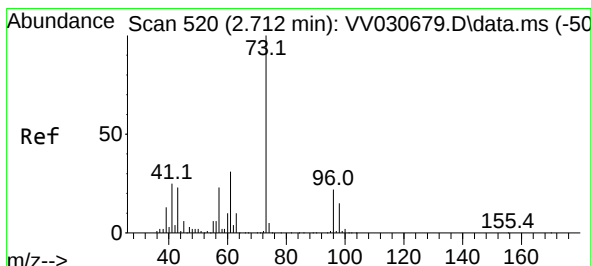
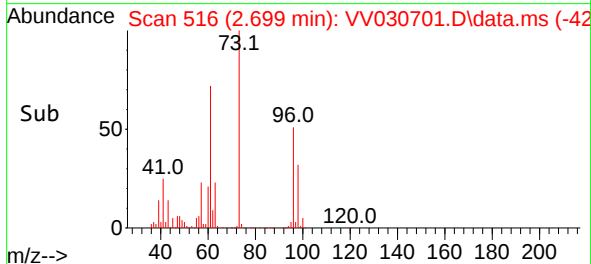
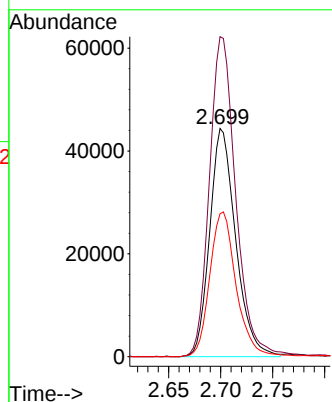
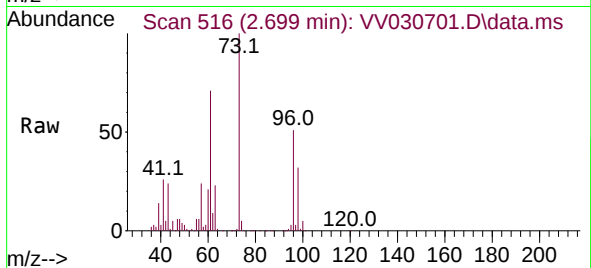




#17
trans-1,2-Dichloroethene
Concen: 46.817 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

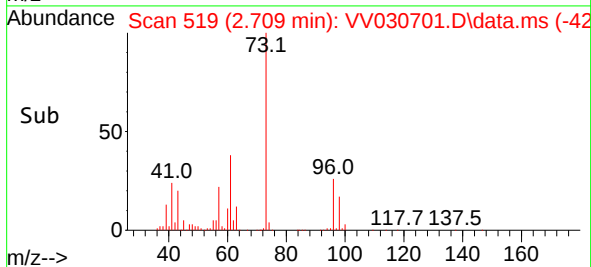
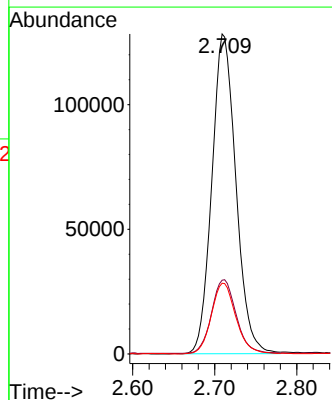
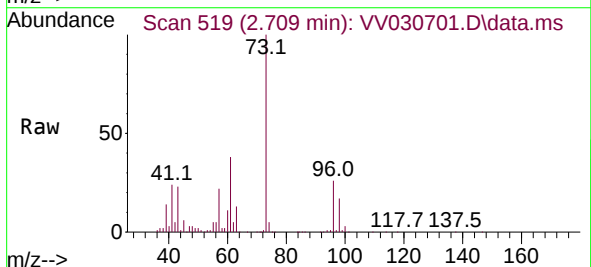
Instrument :
MSVOA_V
ClientSampleId :

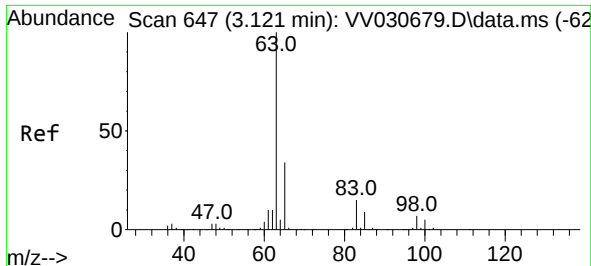
Tgt Ion: 96 Resp: 77278
Ion Ratio Lower Upper
96 100
61 140.3 101.0 187.6
98 62.6 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 49.517 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion: 73 Resp: 261804
Ion Ratio Lower Upper
73 100
43 23.5 17.6 26.4
57 22.7 18.2 27.2





#19

1,1-Dichloroethane

Concen: 47.425 ug/L

RT: 3.121 min Scan# 647

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

ClientSampleId :

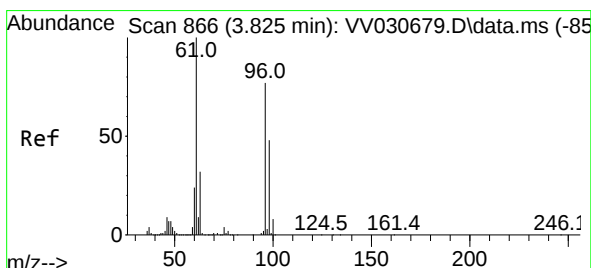
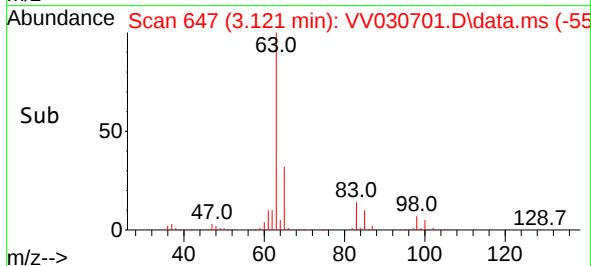
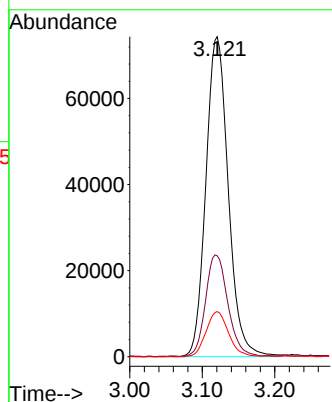
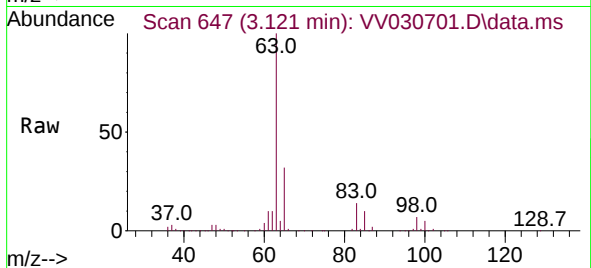
Tgt Ion: 63 Resp: 159606

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 14.1 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 48.346 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

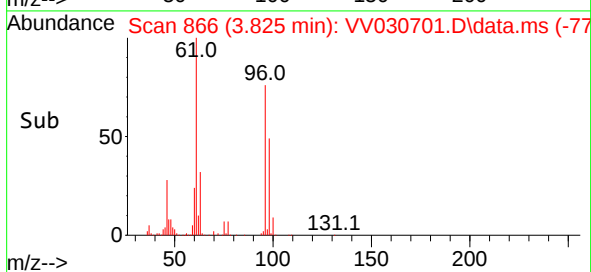
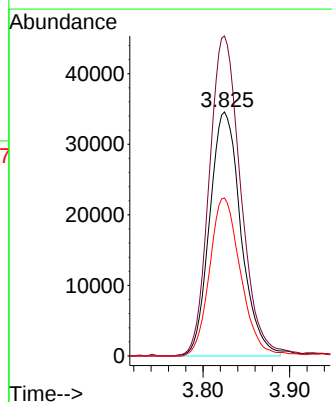
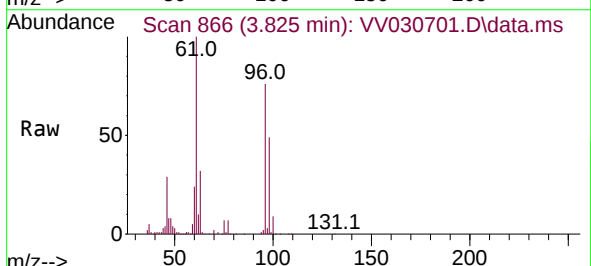
Tgt Ion: 96 Resp: 86810

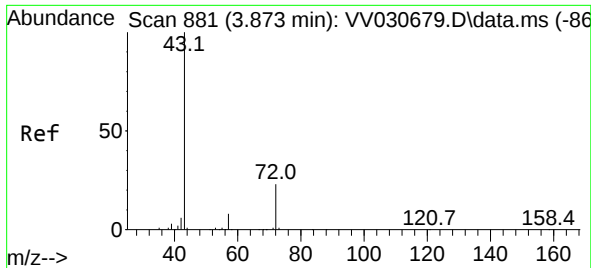
Ion Ratio Lower Upper

96 100

61 131.1 92.3 171.3

98 64.7 45.9 85.3

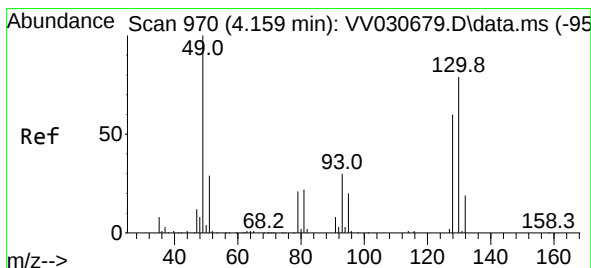
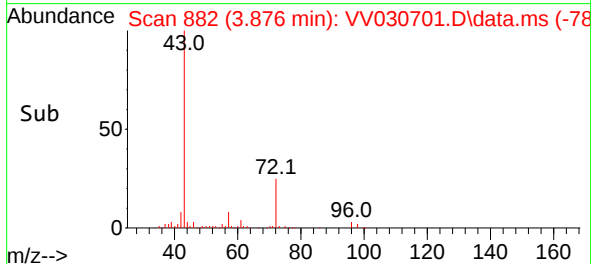
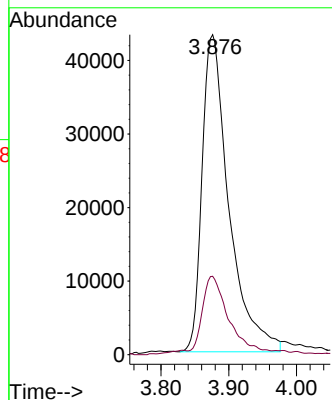
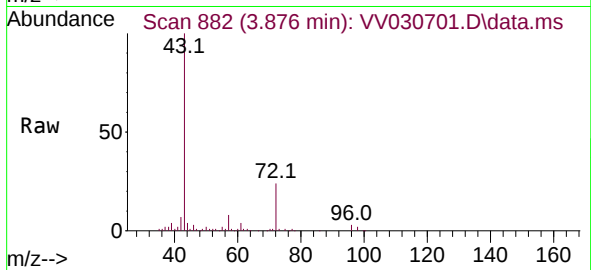




#22
2-Butanone
Concen: 78.848 ug/L
RT: 3.876 min Scan# 881
Delta R.T. 0.003 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

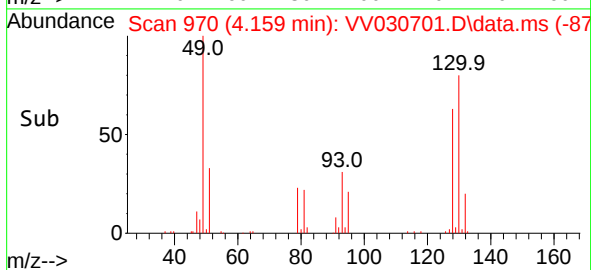
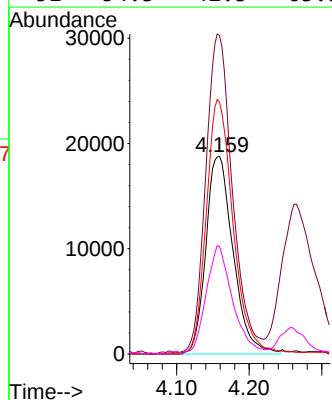
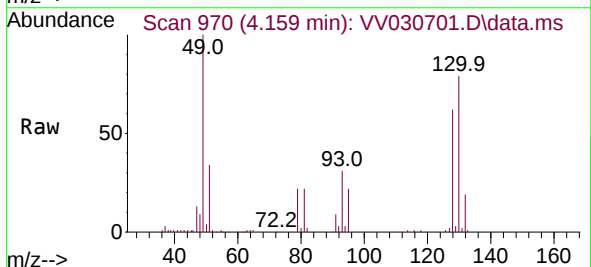
Instrument :
MSVOA_V
ClientSampleId :

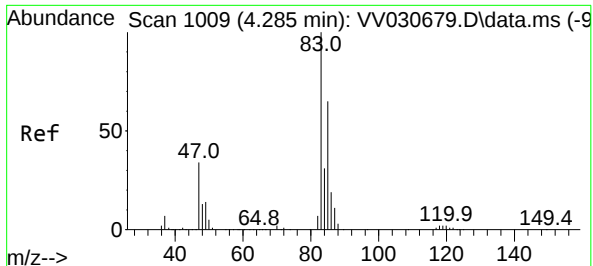
Tgt Ion: 43 Resp: 118551
Ion Ratio Lower Upper
43 100
72 21.1 11.5 34.4



#23
Bromochloromethane
Concen: 48.767 ug/L
RT: 4.159 min Scan# 970
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion: 128 Resp: 48906
Ion Ratio Lower Upper
128 100
49 161.2 114.7 213.1
130 127.4 89.0 165.2
51 54.3 42.3 63.5

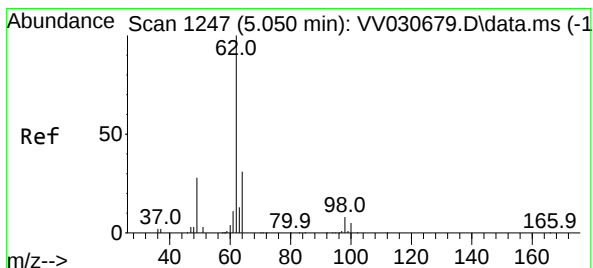
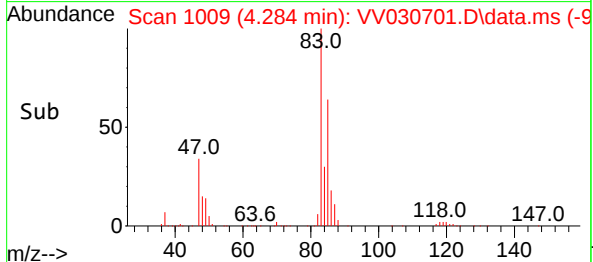
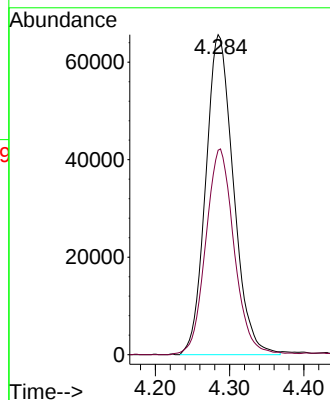
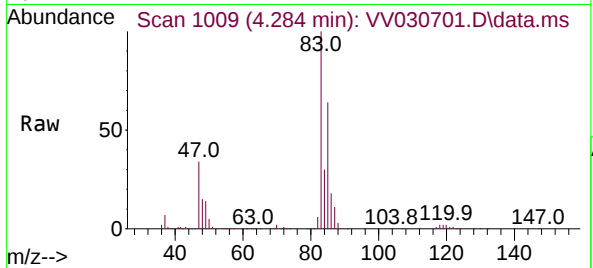




#25
Chloroform
Concen: 48.894 ug/L
RT: 4.284 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

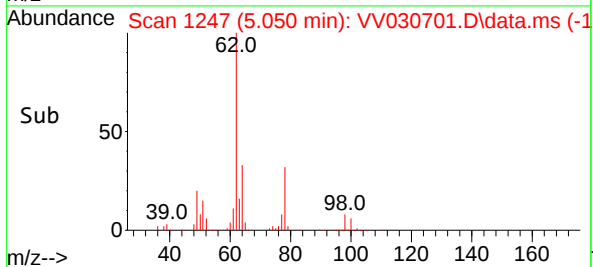
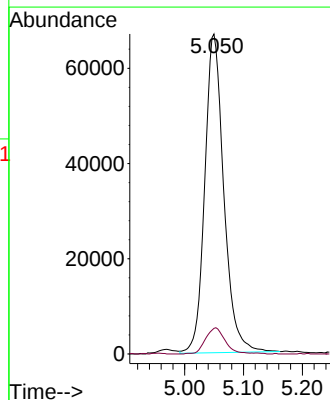
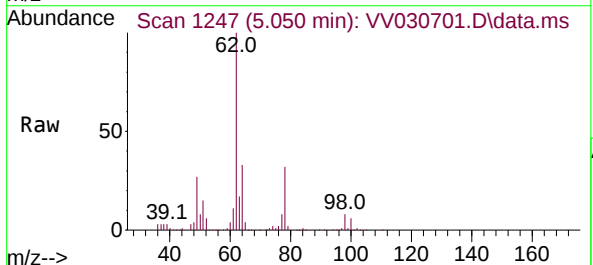
Instrument :
MSVOA_V
ClientSampleId :

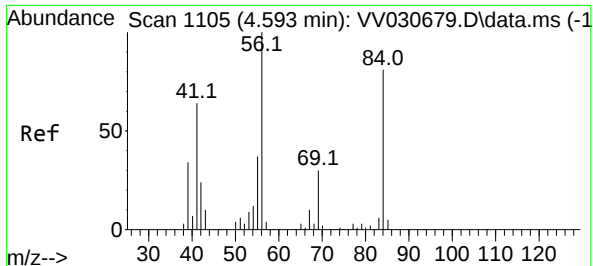
Tgt Ion: 83 Resp: 170314
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.2



#27
1,2-Dichloroethane
Concen: 51.123 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion: 62 Resp: 150743
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6





#29

Cyclohexane

Concen: 48.069 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

ClientSampleId :

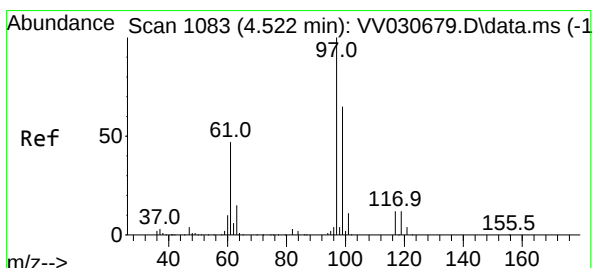
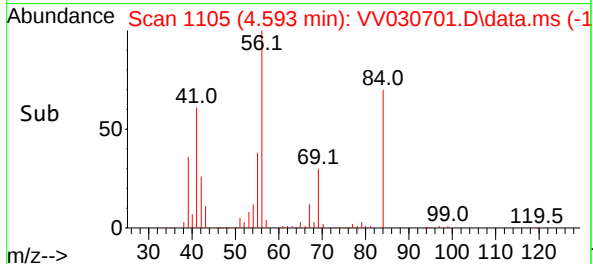
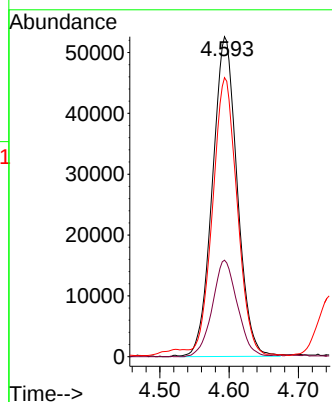
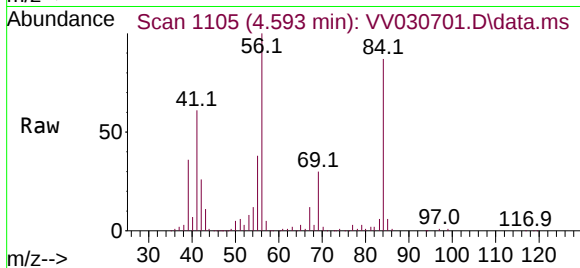
Tgt Ion: 56 Resp: 130753

Ion Ratio Lower Upper

56 100

69 30.5 24.0 36.0

84 85.9 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 48.983 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

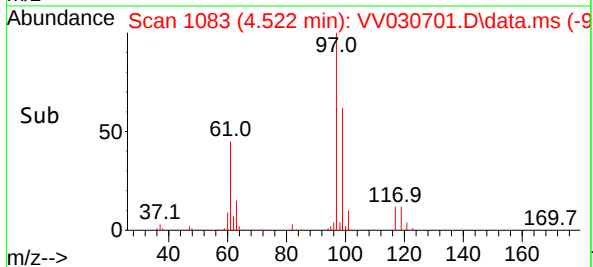
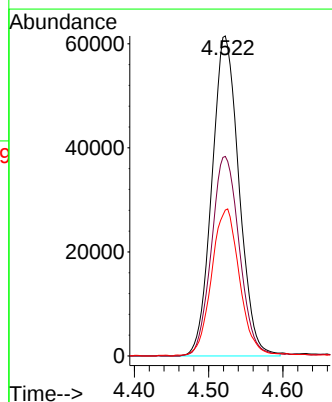
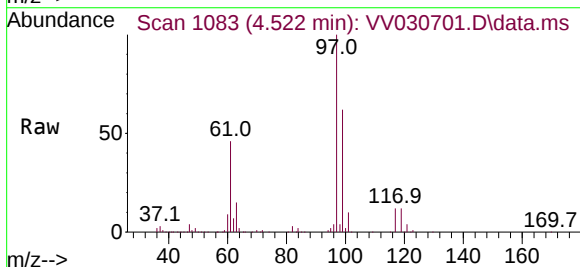
Tgt Ion: 97 Resp: 156011

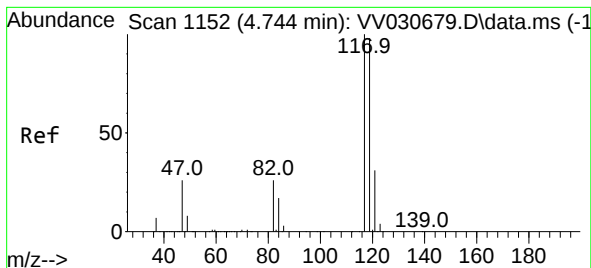
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 46.8 37.0 55.6





#31

Carbon tetrachloride

Concen: 49.206 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

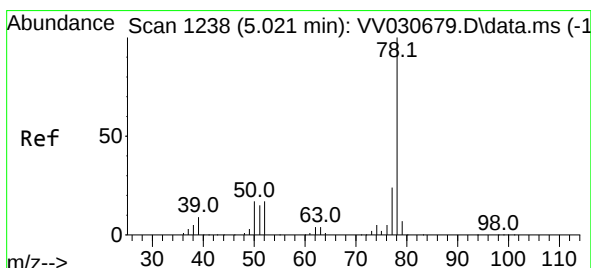
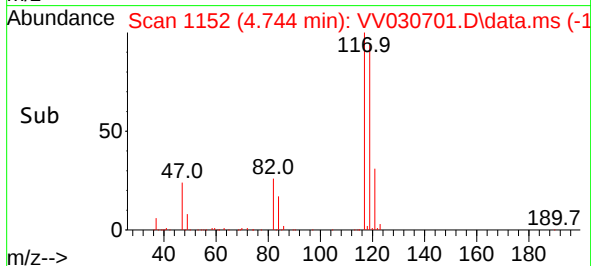
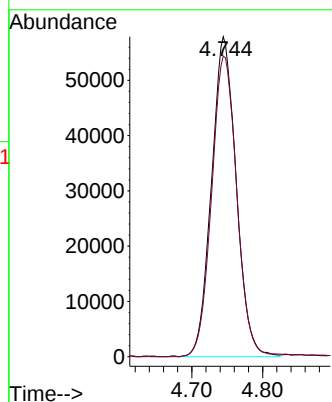
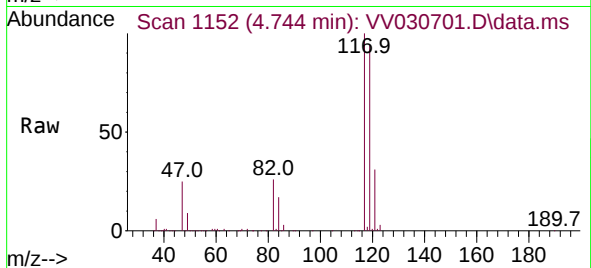
ClientSampleId :

Tgt Ion:117 Resp: 140121

Ion Ratio Lower Upper

117 100

119 95.5 75.9 113.9



#33

Benzene

Concen: 50.758 ug/L

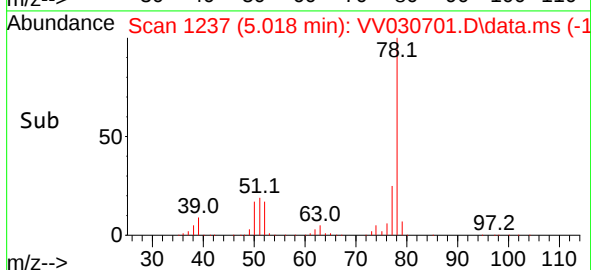
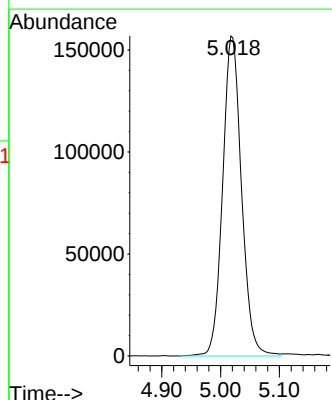
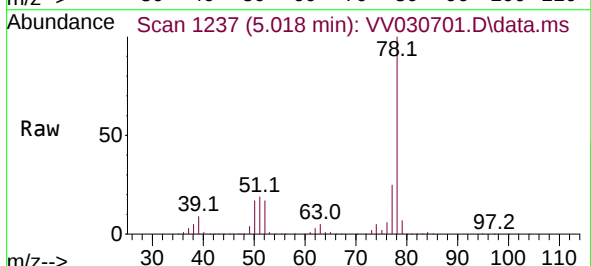
RT: 5.018 min Scan# 1237

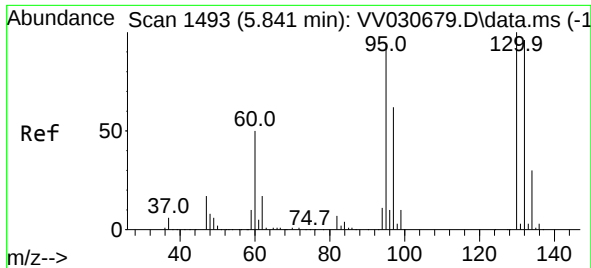
Delta R.T. -0.003 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

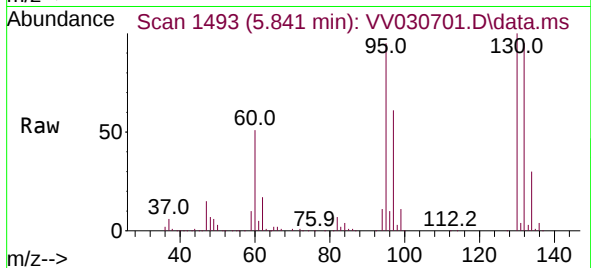
Tgt Ion: 78 Resp: 349379



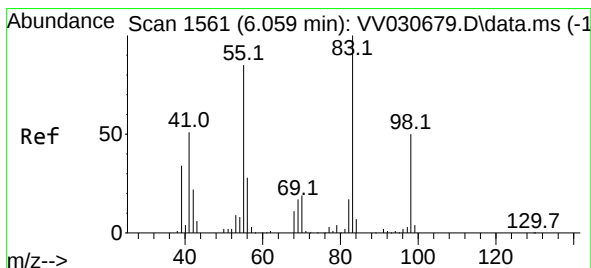
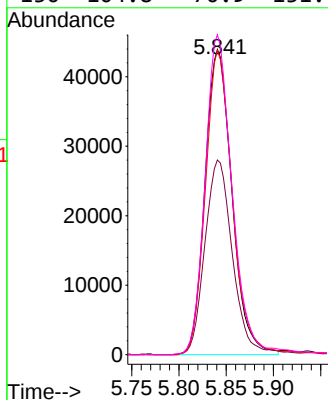
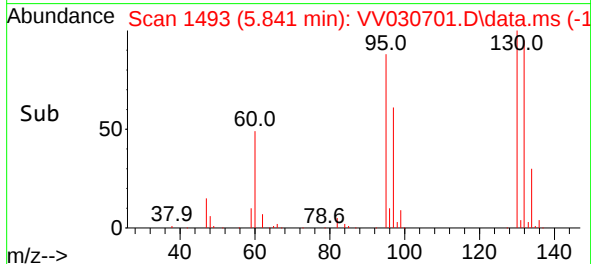


#34
Trichloroethene
Concen: 48.662 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

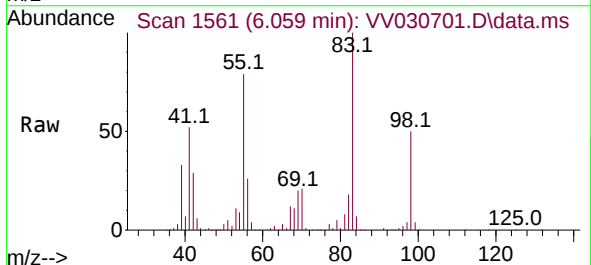
Instrument :
MSVOA_V
ClientSampleId :



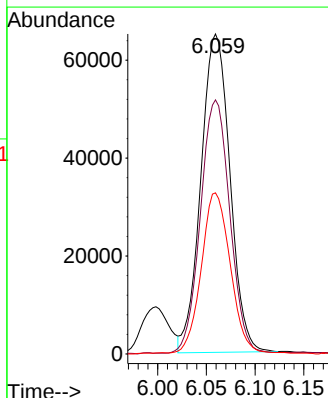
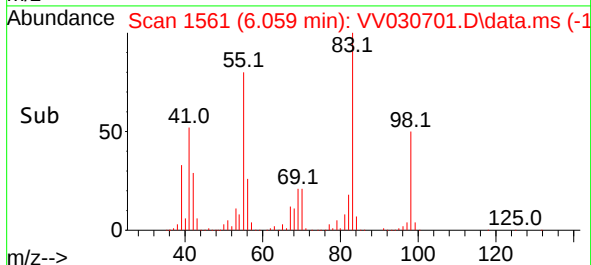
Tgt Ion: 95 Resp: 87124
Ion Ratio Lower Upper
95 100
97 63.8 45.8 85.2
132 99.7 70.6 131.2
130 104.8 70.9 131.7

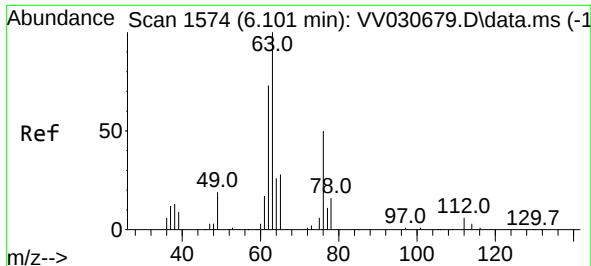


#35
Methylcyclohexane
Concen: 48.111 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09



Tgt Ion: 83 Resp: 134970
Ion Ratio Lower Upper
83 100
55 80.5 65.5 98.3
98 50.1 38.7 58.1





#37

1,2-Dichloropropane

Concen: 47.806 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

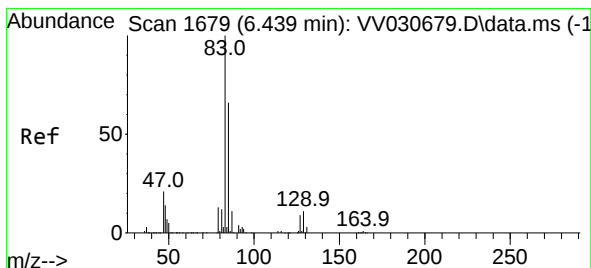
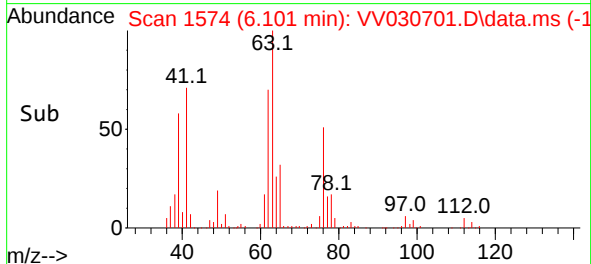
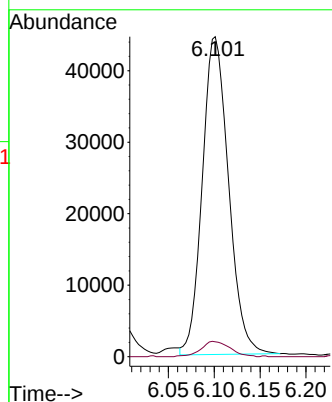
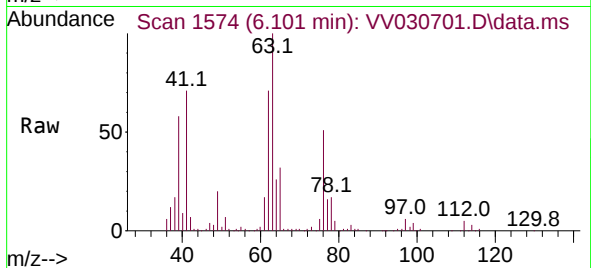
ClientSampleId :

Tgt Ion: 63 Resp: 88568

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 49.397 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

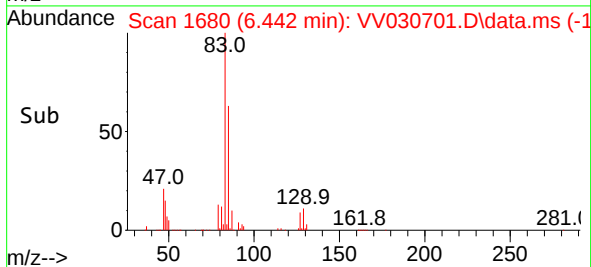
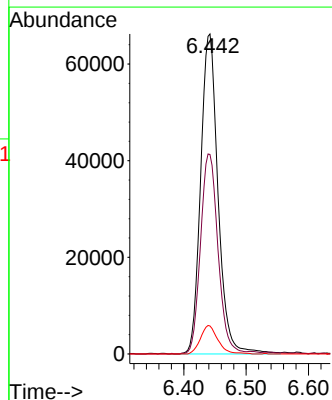
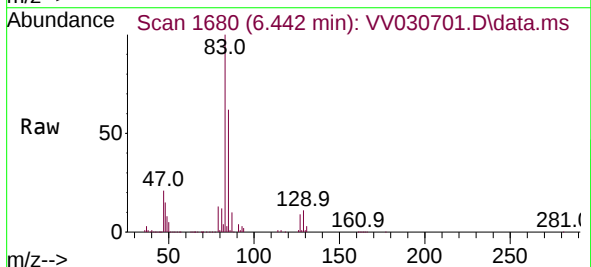
Tgt Ion: 83 Resp: 128556

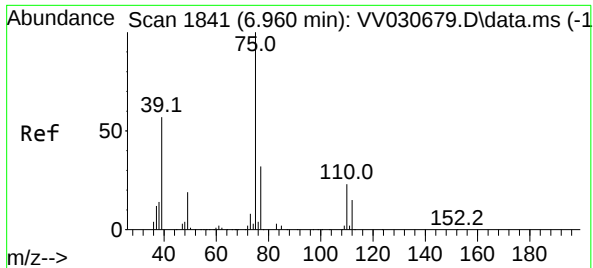
Ion Ratio Lower Upper

83 100

85 62.4 45.4 84.4

127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 47.390 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

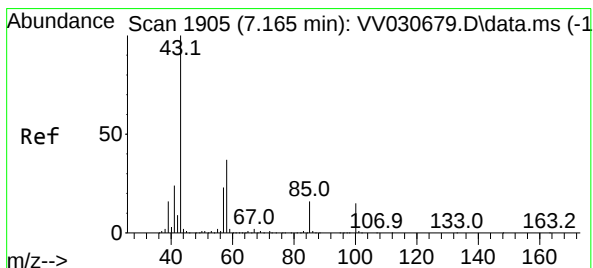
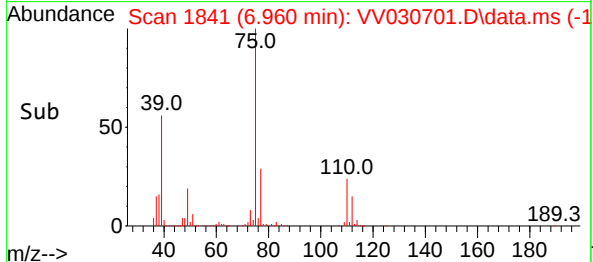
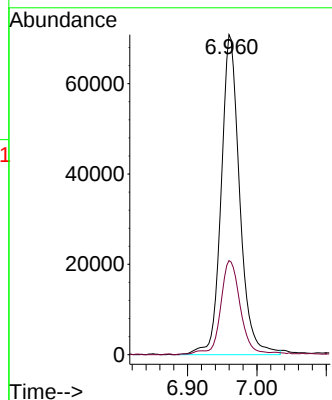
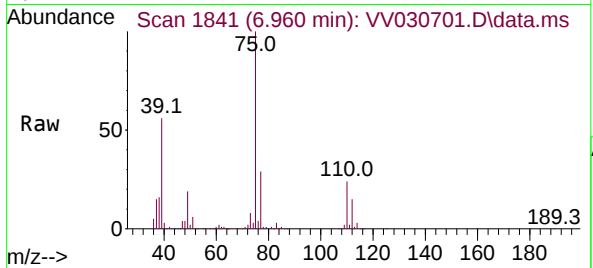
ClientSampleId :

Tgt Ion: 75 Resp: 131773

Ion Ratio Lower Upper

75 100

77 29.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 96.226 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

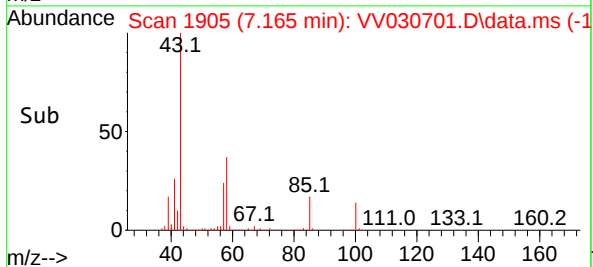
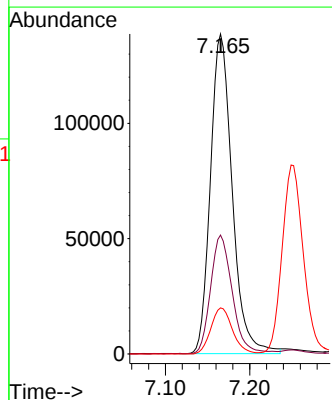
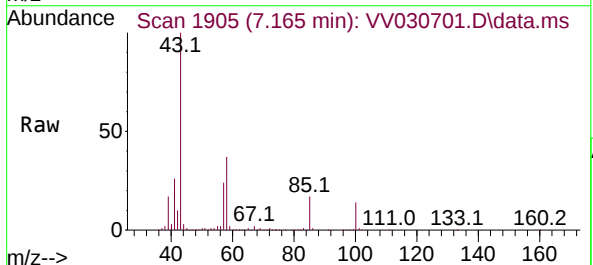
Tgt Ion: 43 Resp: 249028

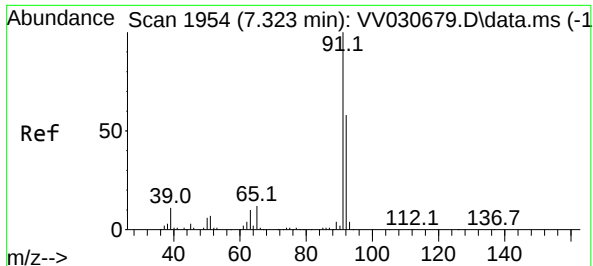
Ion Ratio Lower Upper

43 100

58 36.6 29.2 43.8

100 14.3 11.3 16.9

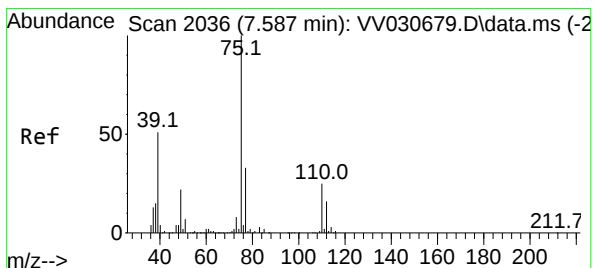
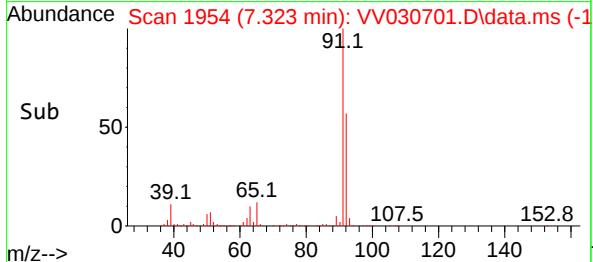
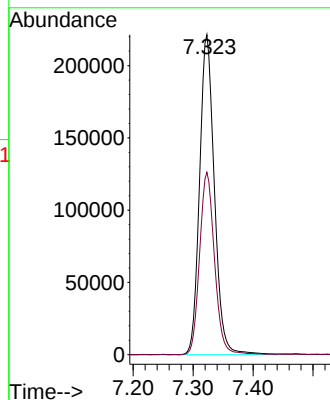
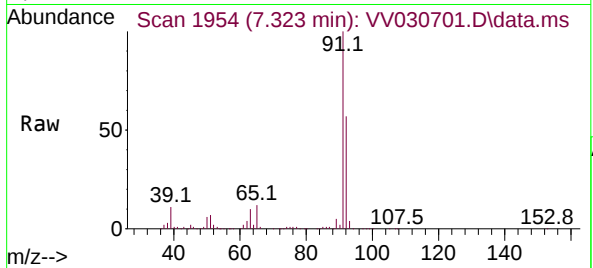




#42
Toluene
Concen: 51.780 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

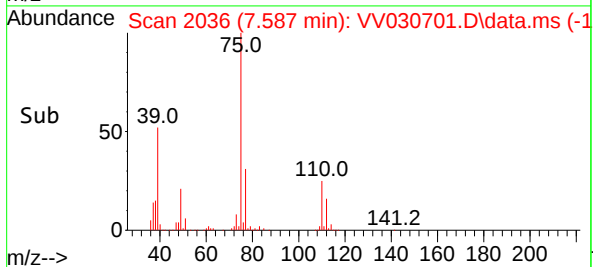
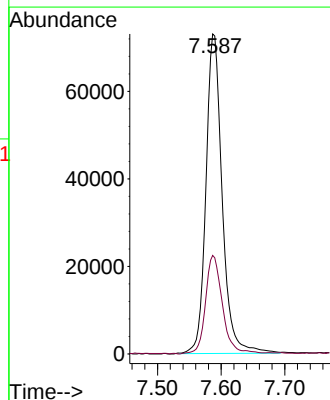
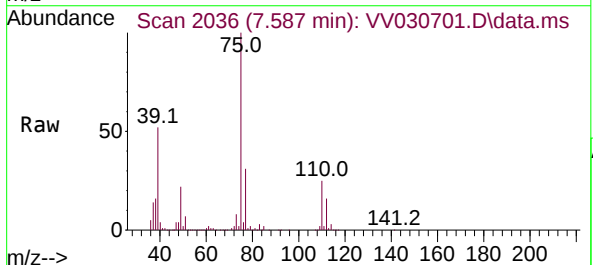
Instrument :
MSVOA_V
ClientSampleId :

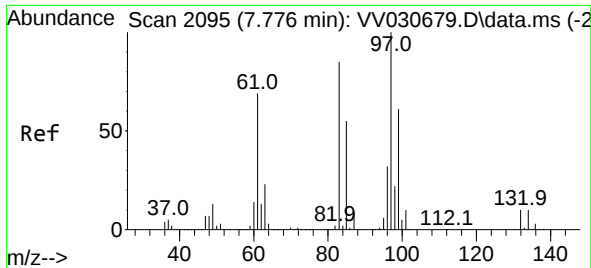
Tgt Ion: 91 Resp: 381752
Ion Ratio Lower Upper
91 100
92 57.0 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 47.577 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion: 75 Resp: 129973
Ion Ratio Lower Upper
75 100
77 30.8 22.1 41.1

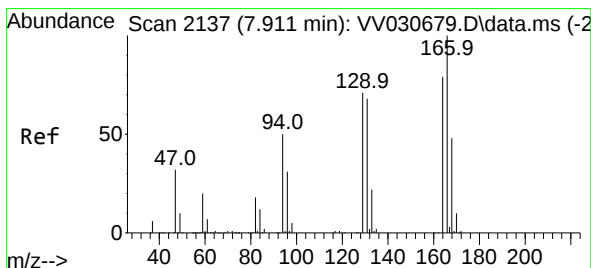
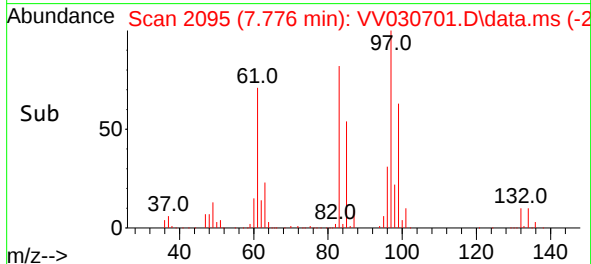
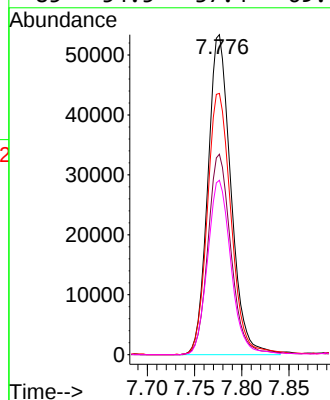
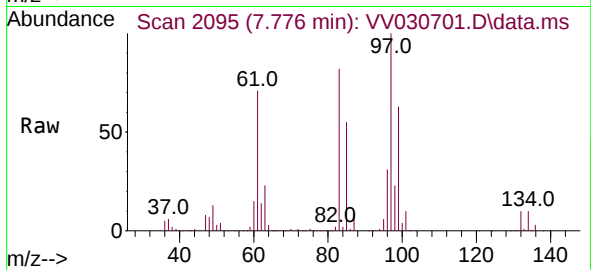




#45
1,1,2-Trichloroethane
Concen: 48.803 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

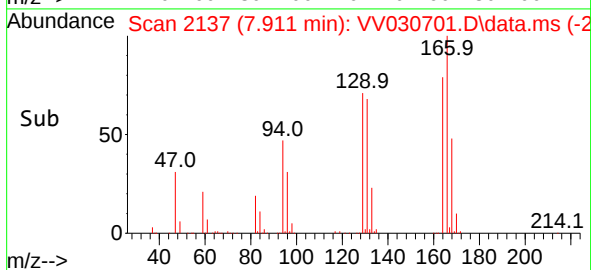
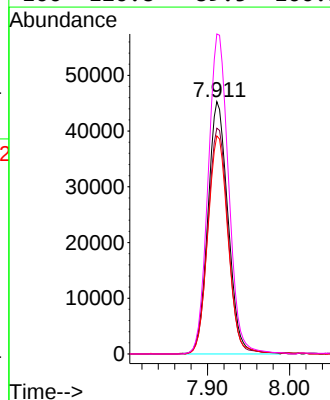
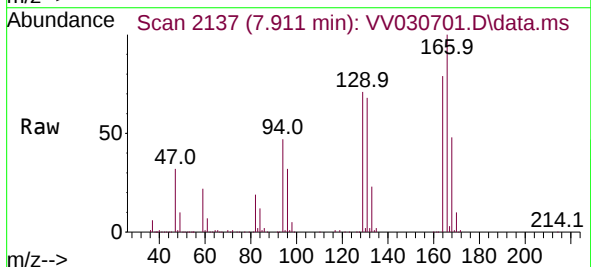
Instrument :
MSVOA_V
ClientSampleId :

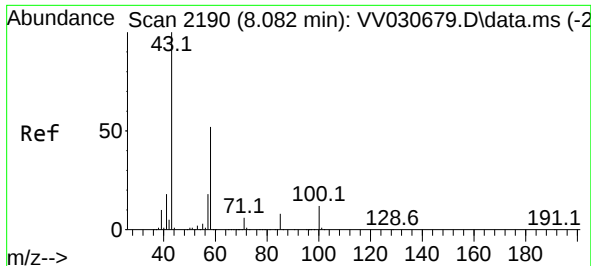
Tgt Ion:	97	Resp:	90664
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.4
83	81.6	59.6	110.6
85	54.5	37.4	69.4



#46
Tetrachloroethene
Concen: 49.404 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion:	164	Resp:	77424
Ion	Ratio	Lower	Upper
164	100		
129	89.5	63.8	118.6
131	86.4	60.3	111.9
166	126.8	89.5	166.1

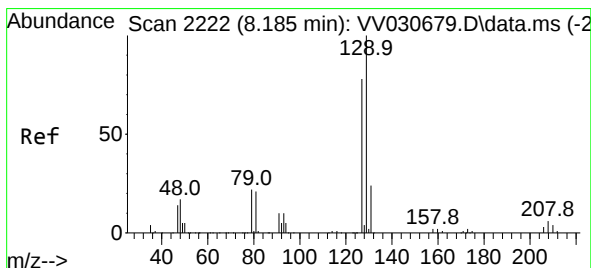
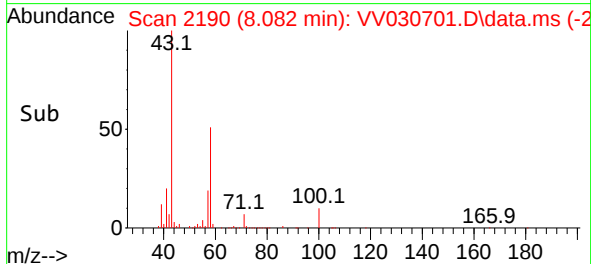
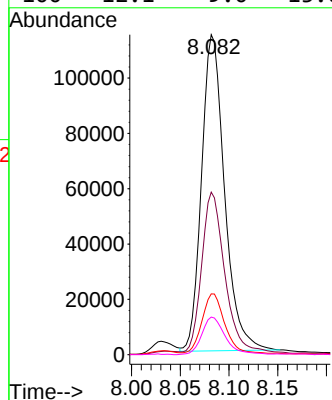
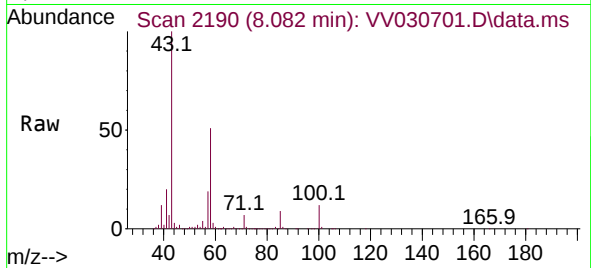




#48
2-Hexanone
Concen: 87.973 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

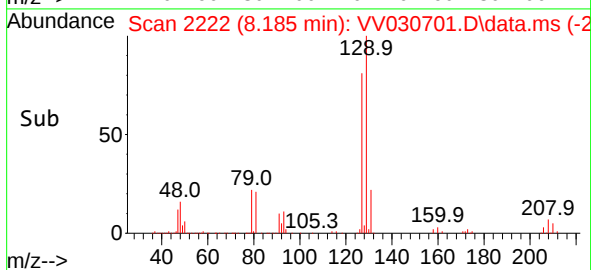
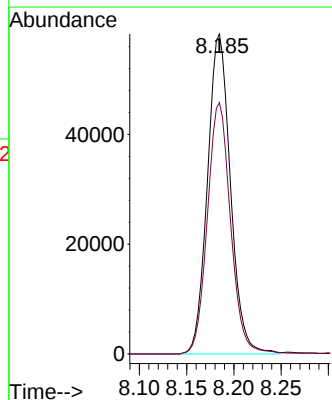
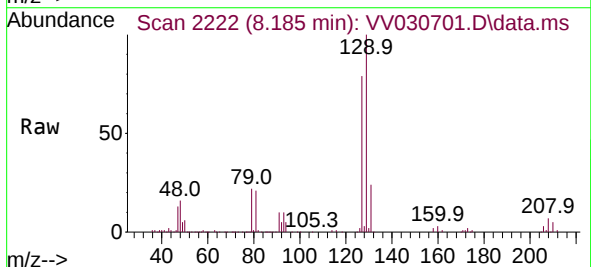
Instrument :
MSVOA_V
ClientSampleId :

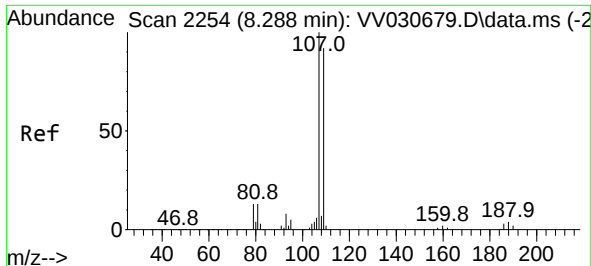
Tgt Ion: 43 Resp: 187855
Ion Ratio Lower Upper
43 100
58 51.8 41.4 62.0
57 18.6 14.9 22.3
100 12.1 9.0 13.6



#49
Dibromochloromethane
Concen: 48.165 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion: 129 Resp: 98696
Ion Ratio Lower Upper
129 100
127 78.6 52.8 98.2





#50

1,2-Dibromoethane

Concen: 48.182 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030701.D

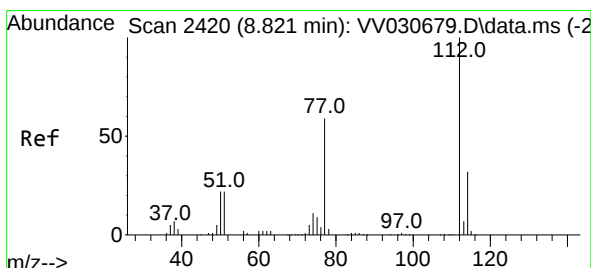
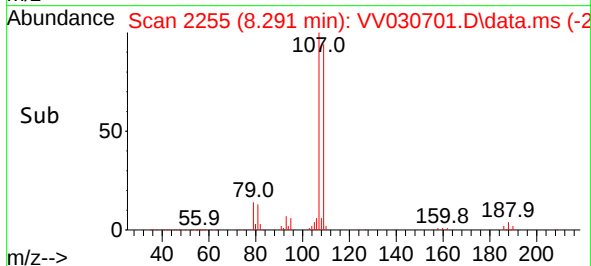
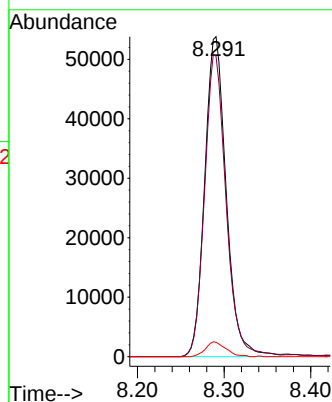
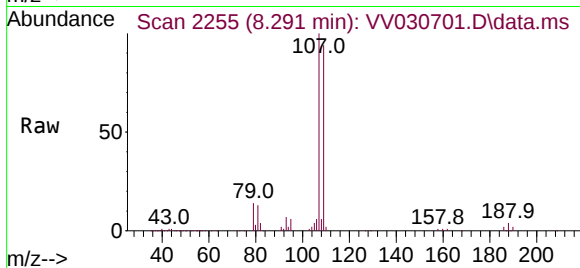
Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	92746
Ion	Ratio	Lower	Upper
107	100		
109	93.9	65.7	121.9
188	4.5	3.2	4.8



#51

Chlorobenzene

Concen: 50.181 ug/L

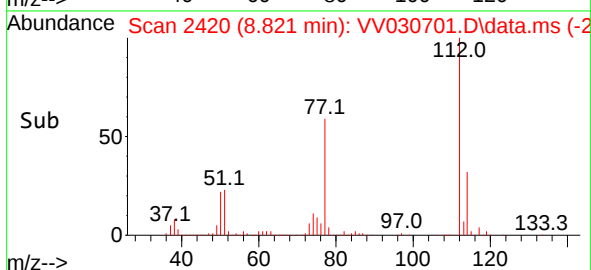
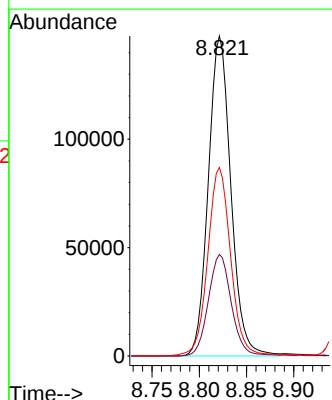
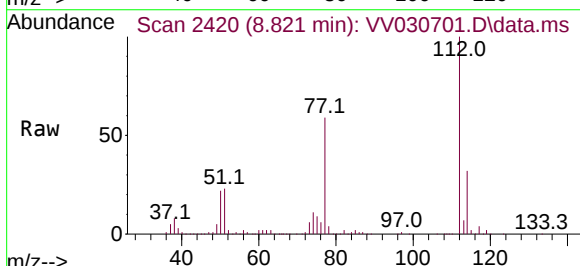
RT: 8.821 min Scan# 2420

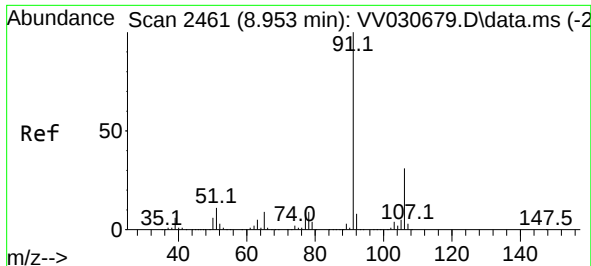
Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Tgt Ion:	112	Resp:	245024
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.4	41.6
77	58.9	47.4	71.0





#52

Ethylbenzene

Concen: 51.164 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

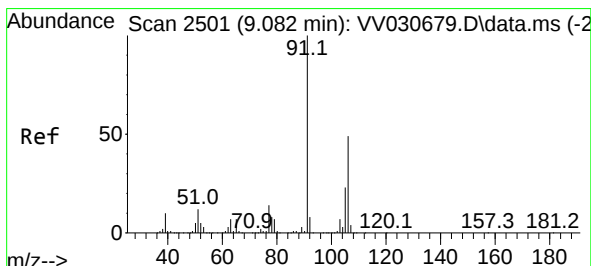
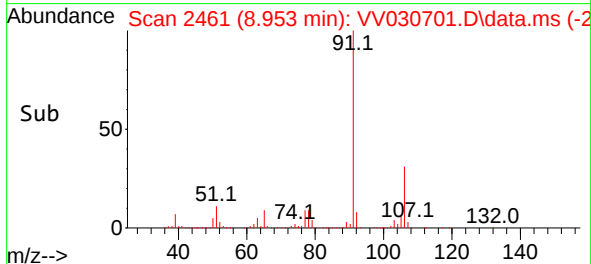
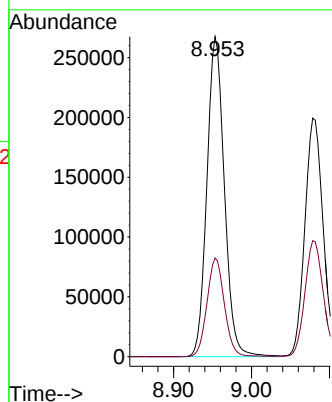
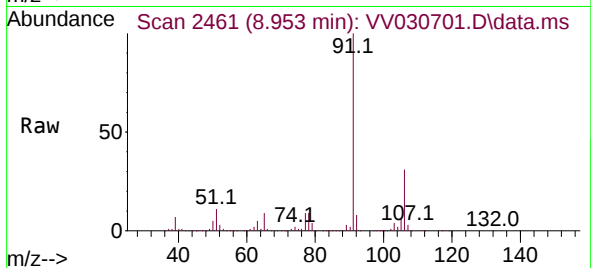
ClientSampleId :

Tgt Ion: 91 Resp: 417596

Ion Ratio Lower Upper

91 100

106 30.9 21.8 40.4



#53

m,p-Xylene

Concen: 52.045 ug/L

RT: 9.078 min Scan# 2500

Delta R.T. -0.003 min

Lab File: VV030701.D

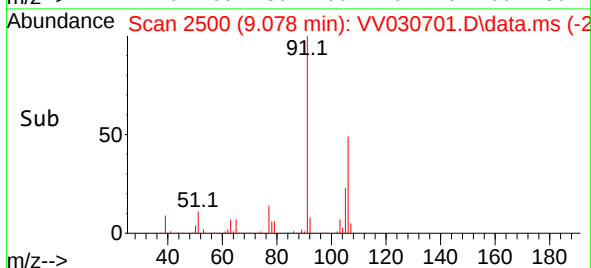
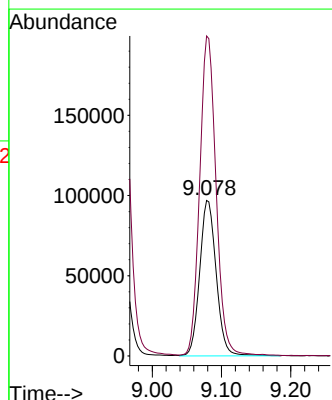
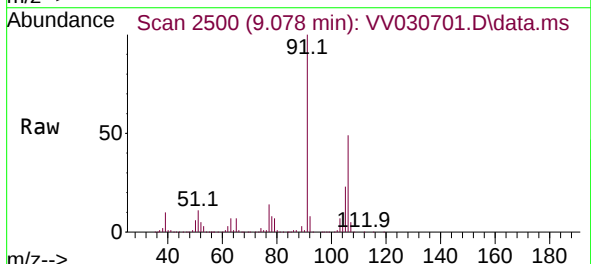
Acq: 20 Apr 2023 06:09

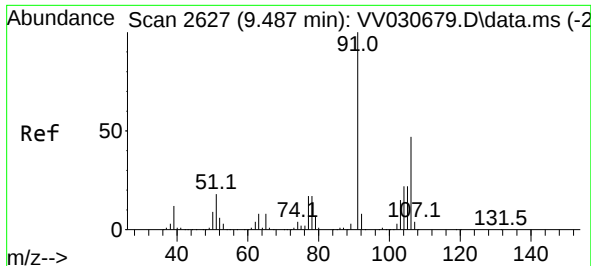
Tgt Ion:106 Resp: 160454

Ion Ratio Lower Upper

106 100

91 205.8 144.7 268.7

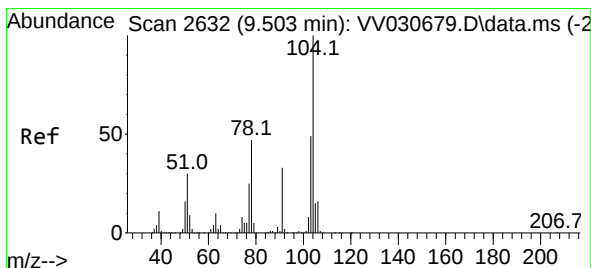
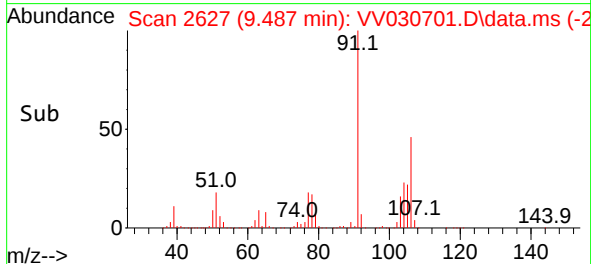
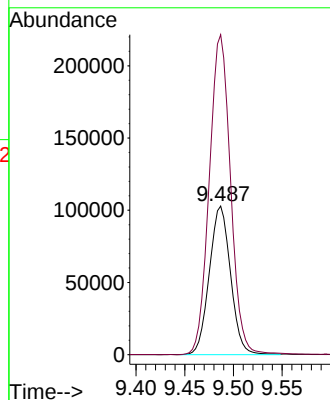
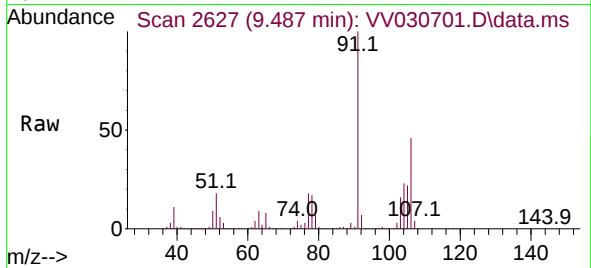




#54
o-Xylene
Concen: 51.715 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

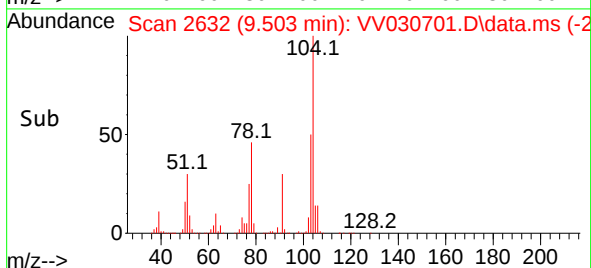
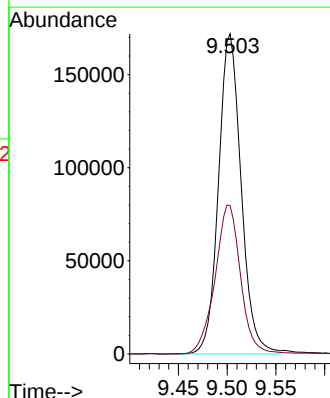
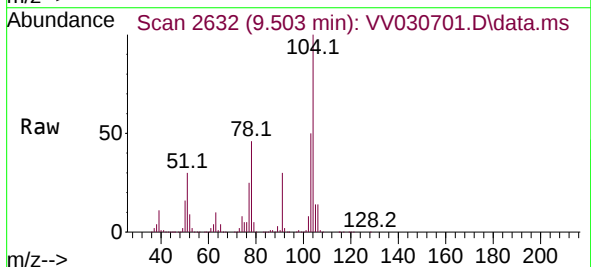
Instrument :
MSVOA_V
ClientSampleId :

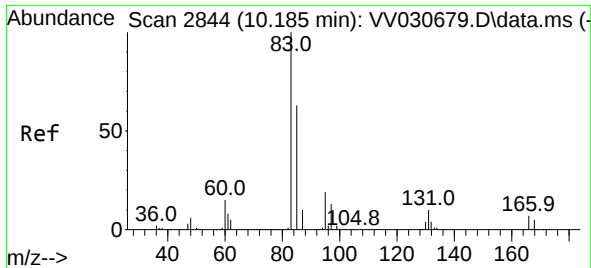
Tgt Ion:106 Resp: 155973
Ion Ratio Lower Upper
106 100
91 215.3 152.6 283.4



#55
Styrene
Concen: 52.435 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion:104 Resp: 277797
Ion Ratio Lower Upper
104 100
78 46.4 32.3 59.9

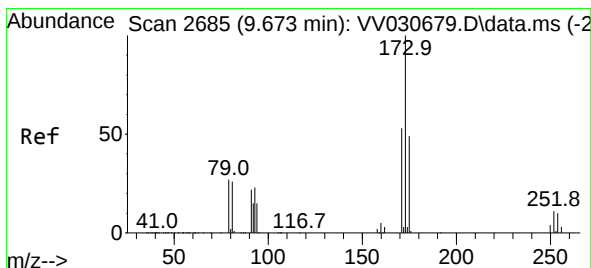
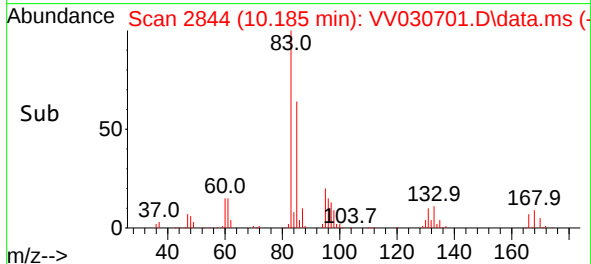
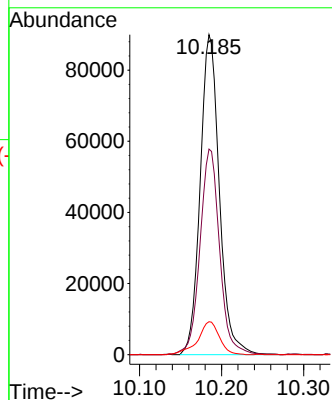
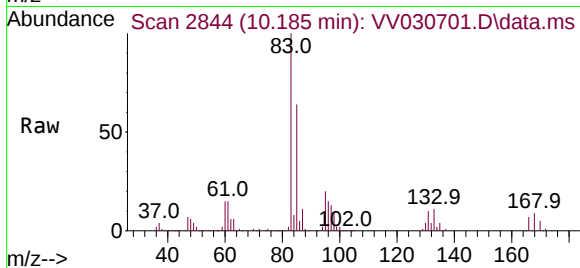




#57
1,1,2,2-Tetrachloroethane
Concen: 47.854 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

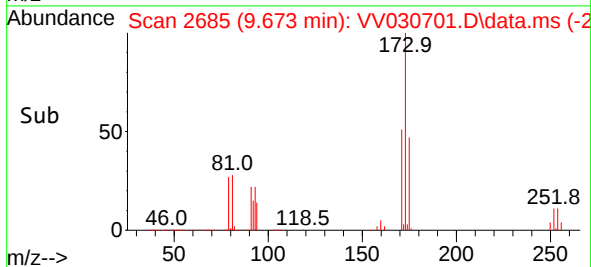
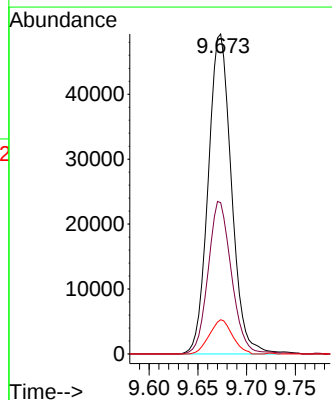
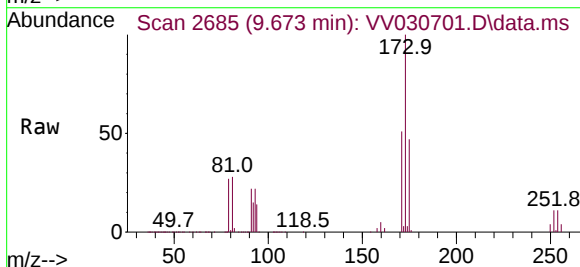
Instrument :
MSVOA_V
ClientSampleId :

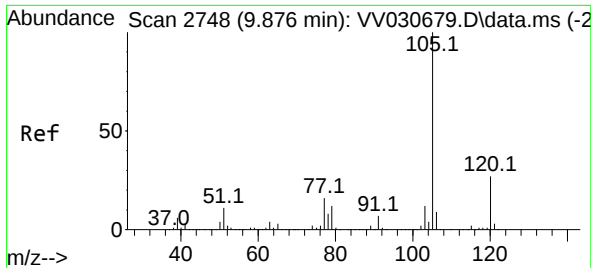
Tgt Ion: 83 Resp: 145958
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7
131 10.3 8.0 12.0



#59
Bromoform
Concen: 47.343 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion: 173 Resp: 81789
Ion Ratio Lower Upper
173 100
175 48.1 38.8 58.2
254 10.6 8.2 12.4

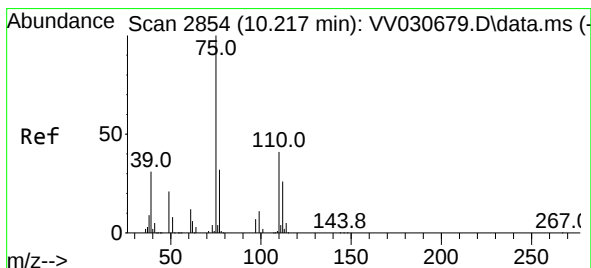
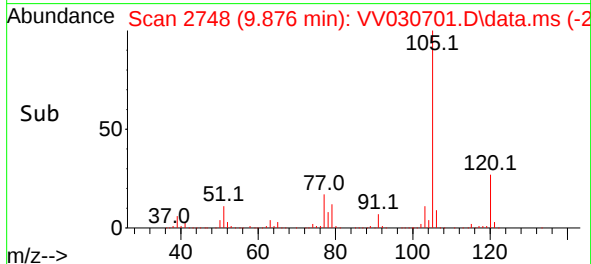
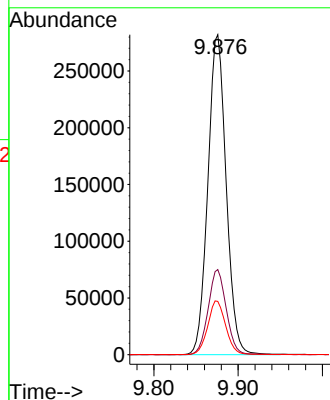
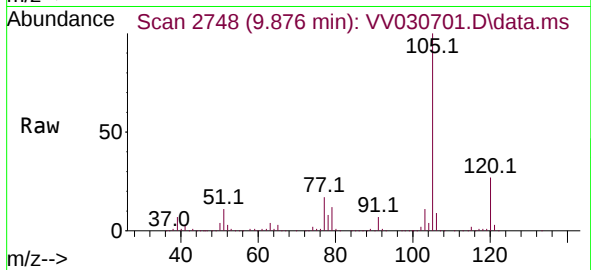




#60
Isopropylbenzene
Concen: 49.488 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

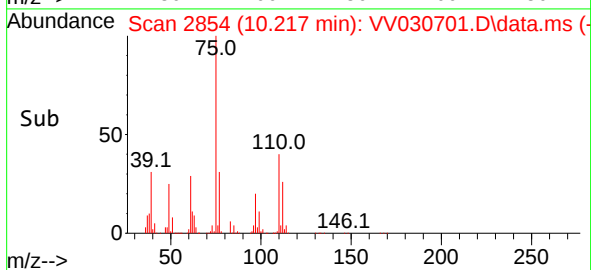
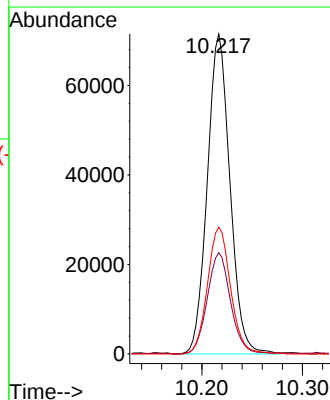
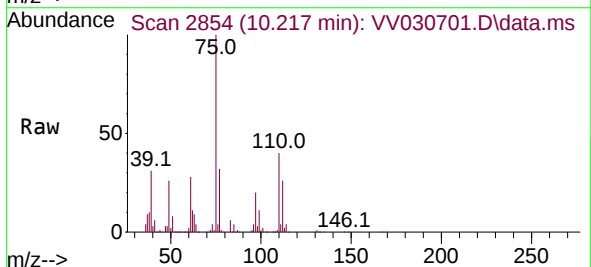
Instrument :
MSVOA_V
ClientSampleId :

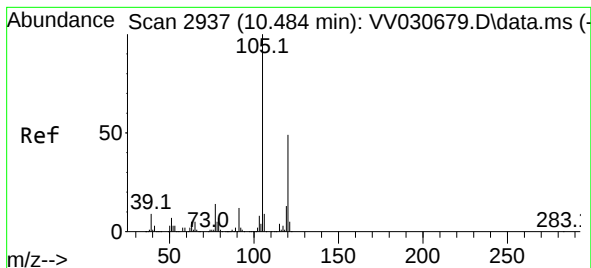
Tgt Ion:105 Resp: 425869
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 45.268 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion: 75 Resp: 111876
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
110 40.4 32.8 49.2

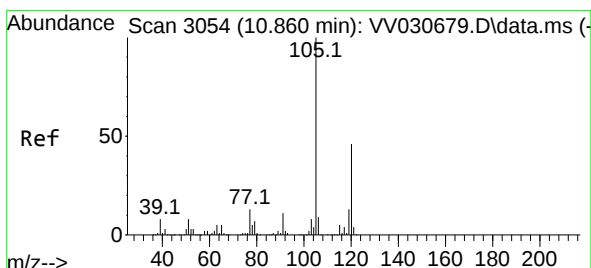
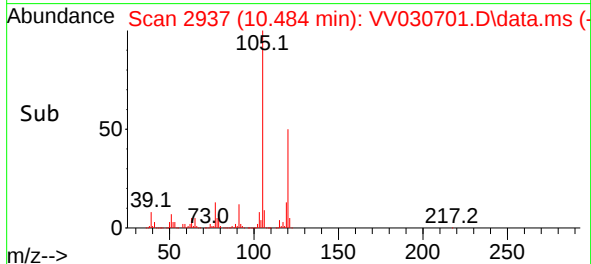
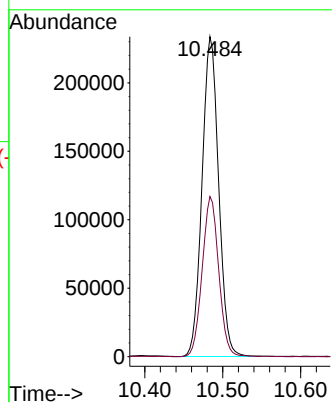
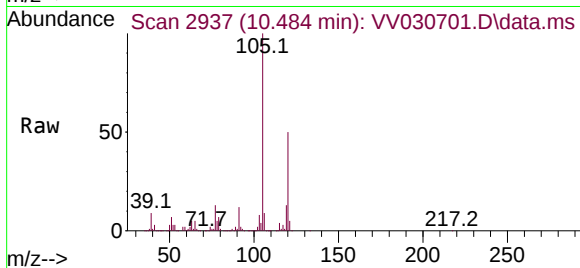




#62
 1,3,5-Trimethylbenzene
 Concen: 48.800 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

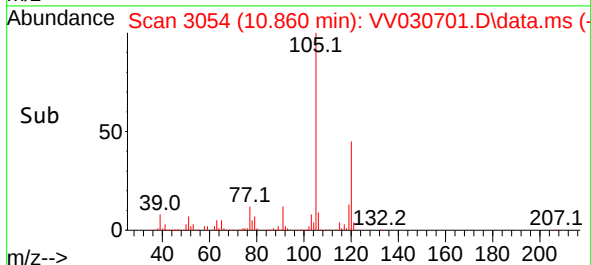
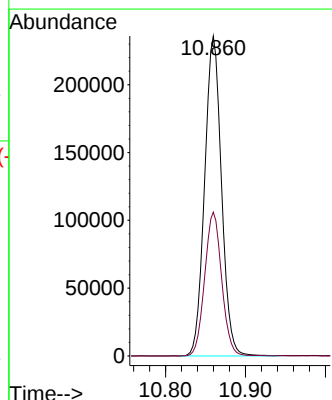
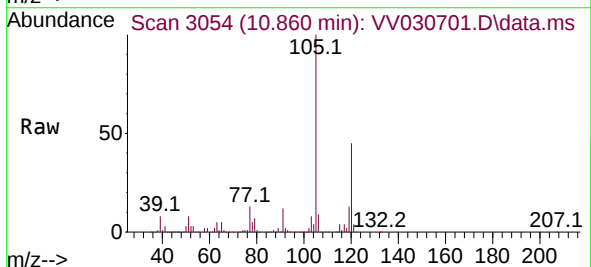
Instrument :
 MSVOA_V
 ClientSampleId :

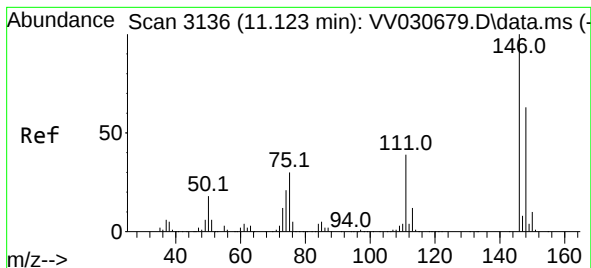
Tgt Ion:105 Resp: 345764
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 49.003 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

Tgt Ion:105 Resp: 346667
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 48.200 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

Instrument :

MSVOA_V

ClientSampleId :

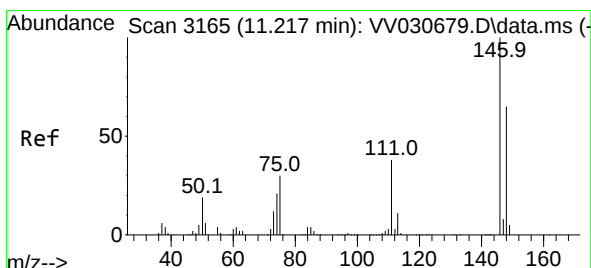
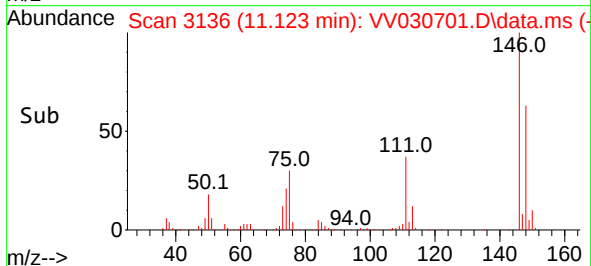
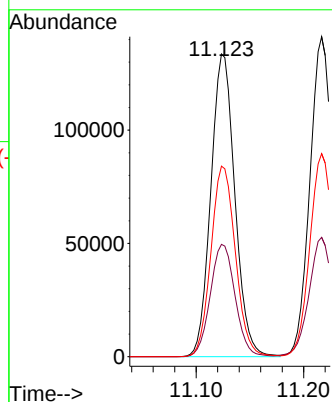
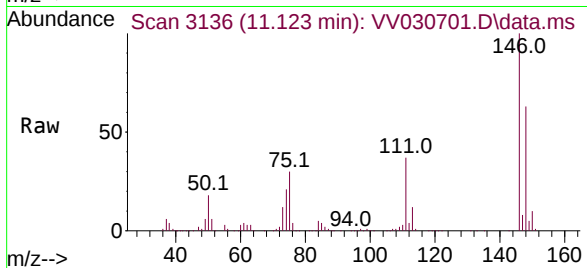
Tgt Ion:146 Resp: 207667

Ion Ratio Lower Upper

146 100

111 37.1 27.0 50.2

148 62.9 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 47.337 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV030701.D

Acq: 20 Apr 2023 06:09

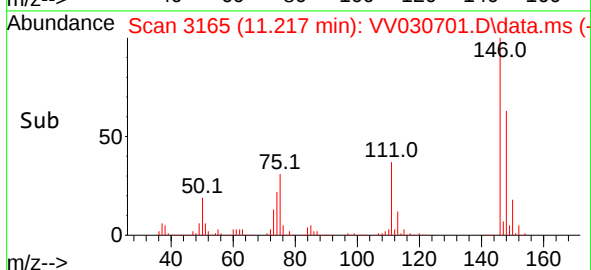
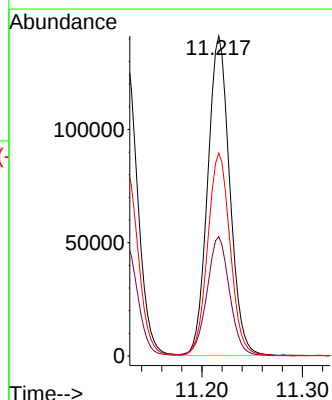
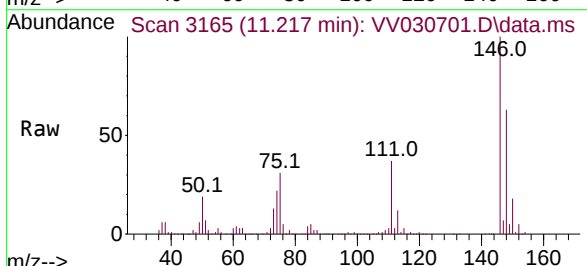
Tgt Ion:146 Resp: 215059

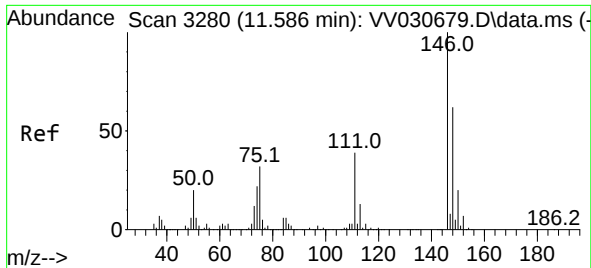
Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.1

148 63.4 44.7 83.1

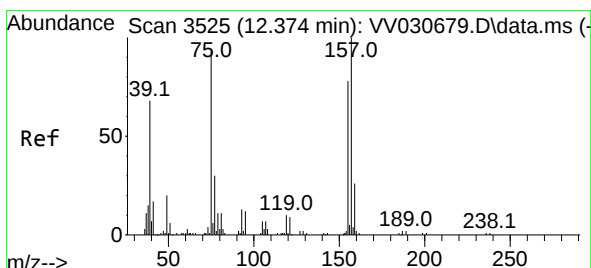
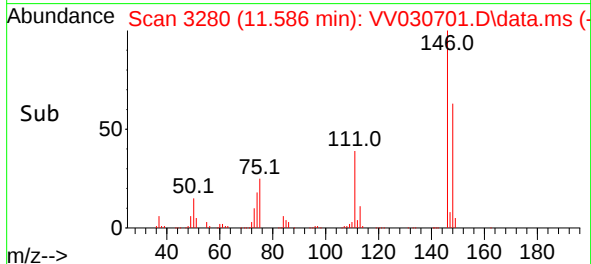
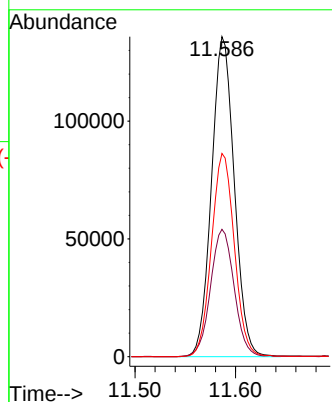
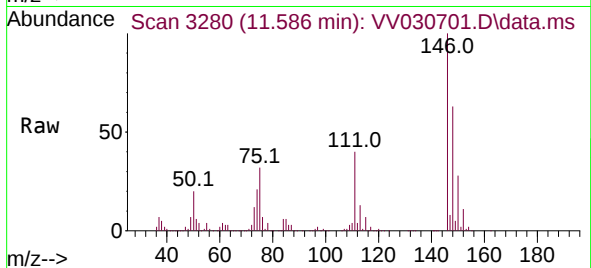




#67
1,2-Dichlorobenzene
Concen: 49.160 ug/L
RT: 11.586 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

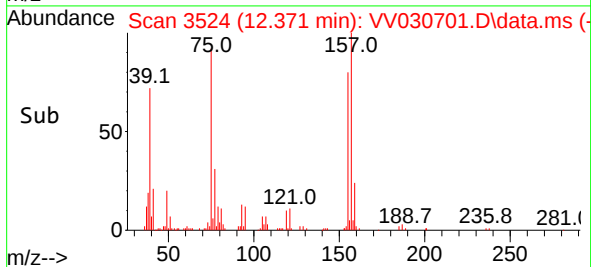
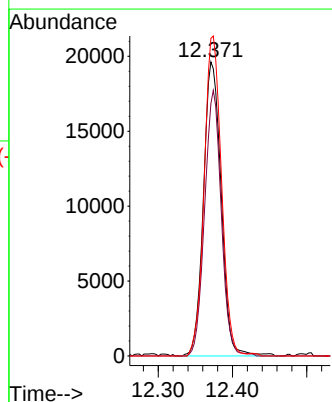
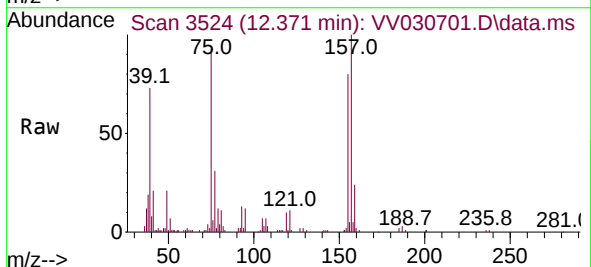
Instrument :
MSVOA_V
ClientSampleId :

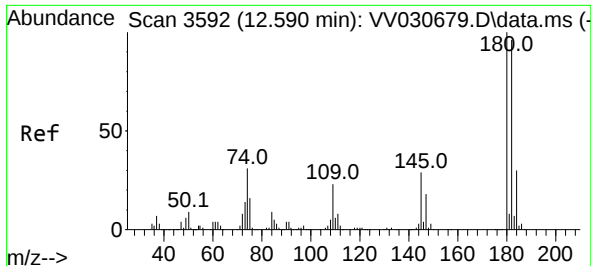
Tgt Ion:146 Resp: 213672
Ion Ratio Lower Upper
146 100
111 39.8 32.0 48.0
148 63.5 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 44.419 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

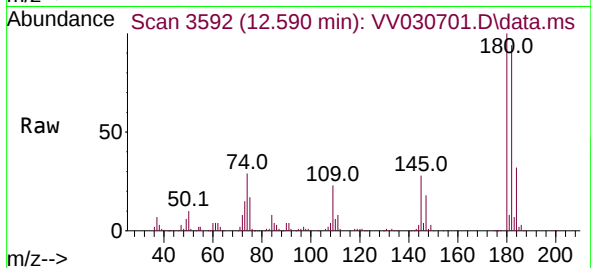
Tgt Ion: 75 Resp: 32524
Ion Ratio Lower Upper
75 100
155 85.9 65.0 97.6
157 108.0 84.4 126.6



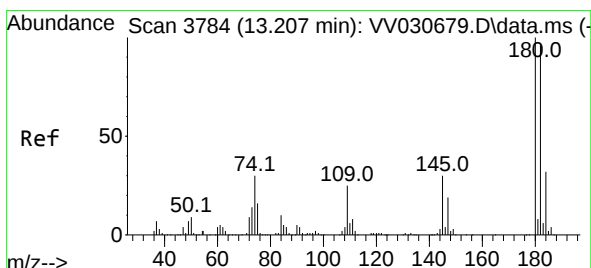
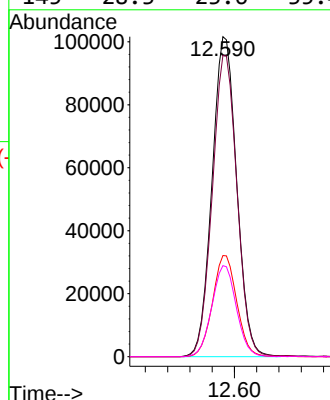
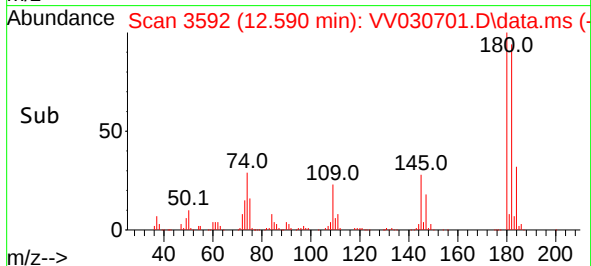


#69
 1,3,5-Trichlorobenzene
 Concen: 47.918 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09

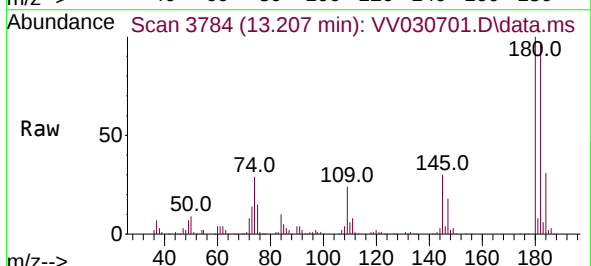
Instrument :
 MSVOA_V
 ClientSampleId :



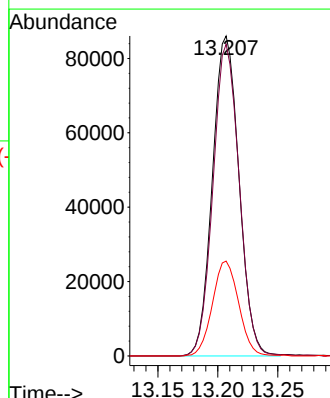
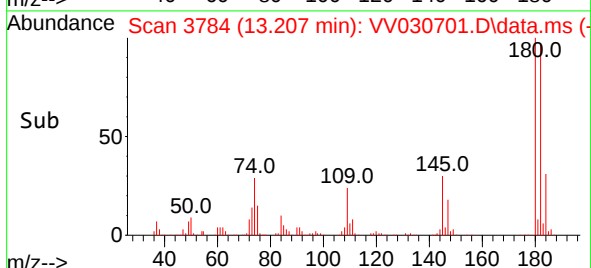
Tgt Ion:180 Resp: 155953
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.4 114.6
 184 31.1 24.1 36.1
 145 28.3 23.6 35.4

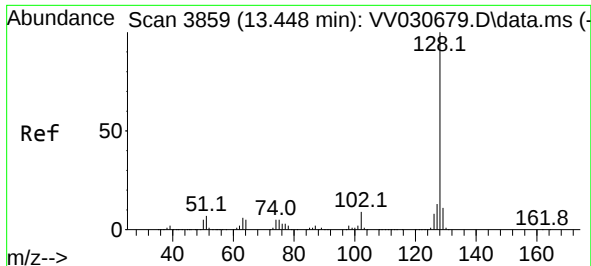


#70
 1,2,4-trichlorobenzene
 Concen: 47.938 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030701.D
 Acq: 20 Apr 2023 06:09



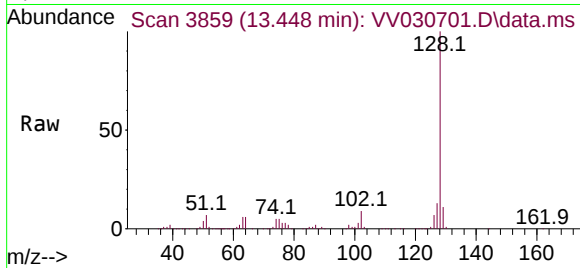
Tgt Ion:180 Resp: 132470
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.9 113.9
 145 29.3 23.4 35.2



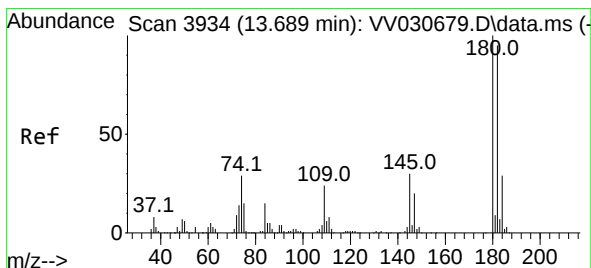
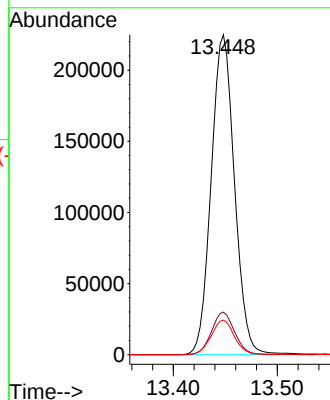
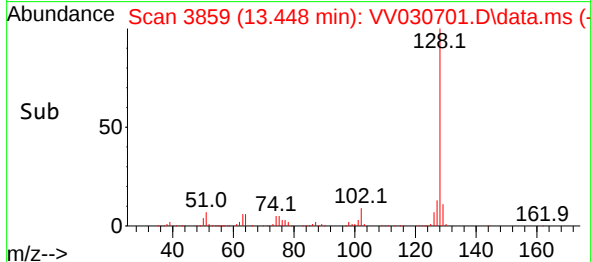


#71
Naphthalene
Concen: 46.243 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 349556
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.825 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030701.D
Acq: 20 Apr 2023 06:09

Tgt Ion:180 Resp: 136527
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 30.5 25.1 37.7

