

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022323\
 Data File : VW030089.D
 Acq On : 23 Feb 2023 12:30
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV227

Quant Time: Feb 23 21:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:31:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	195949	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	177974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	100443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	67474	5.322	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.400%	
7) Chloroethane-d5	1.535	69	63013	5.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.800%	
11) 1,1-Dichloroethene-d2	2.066	63	137322	5.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 105.400%	
20) 2-Butanone-d5	3.841	46	113653	48.619	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 97.240%	
24) Chloroform-d	4.259	84	135392	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.600%	
26) 1,2-Dichloroethane-d4	4.953	65	55986	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.000%	
32) Benzene-d6	4.966	84	265207	5.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.800%	
36) 1,2-Dichloropropane-d6	5.995	67	79258	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 110.000%	
41) Toluene-d8	7.249	98	251877	5.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.000%	
43) trans-1,3-Dichloroprop...	7.558	79	28076	5.696	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 114.000%	
46) 2-Hexanone-d5	8.037	63	114647	56.221	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 112.440%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	53727	5.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 104.800%	
66) 1,2-Dichlorobenzene-d4	11.570	152	91802	5.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 108.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	81285	5.099	ug/L	99
3) Chloromethane	1.217	50	117455	4.675	ug/L	100
5) Vinyl chloride	1.285	62	85391	5.114	ug/L	99
6) Bromomethane	1.490	94	15526	5.181	ug/L	99
8) Chloroethane	1.551	64	51935	5.105	ug/L	98
9) Trichlorofluoromethane	1.719	101	123278	5.146	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	75571	5.087	ug/L	99
12) 1,1-Dichloroethene	2.072	96	67271	5.116	ug/L	89
13) Acetone	2.397	43	14327	8.292	ug/L	80
14) Carbon disulfide	2.246	76	181740	5.165	ug/L	98
15) Methyl Acetate	2.397	43	16584	4.110	ug/L	94
16) Methylene chloride	2.452	84	92382	5.751	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	131329	5.107	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	64174	5.130	ug/L	97
19) 1,1-Dichloroethane	3.117	63	118726	5.095	ug/L	99
21) 2-Butanone	3.915	43	106222	45.714	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	69904	5.056	ug/L	98
23) Bromochloromethane	4.159	128	29935	5.066	ug/L	99
25) Chloroform	4.284	83	123641	5.100	ug/L	96

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 Response via : Initial Calibration

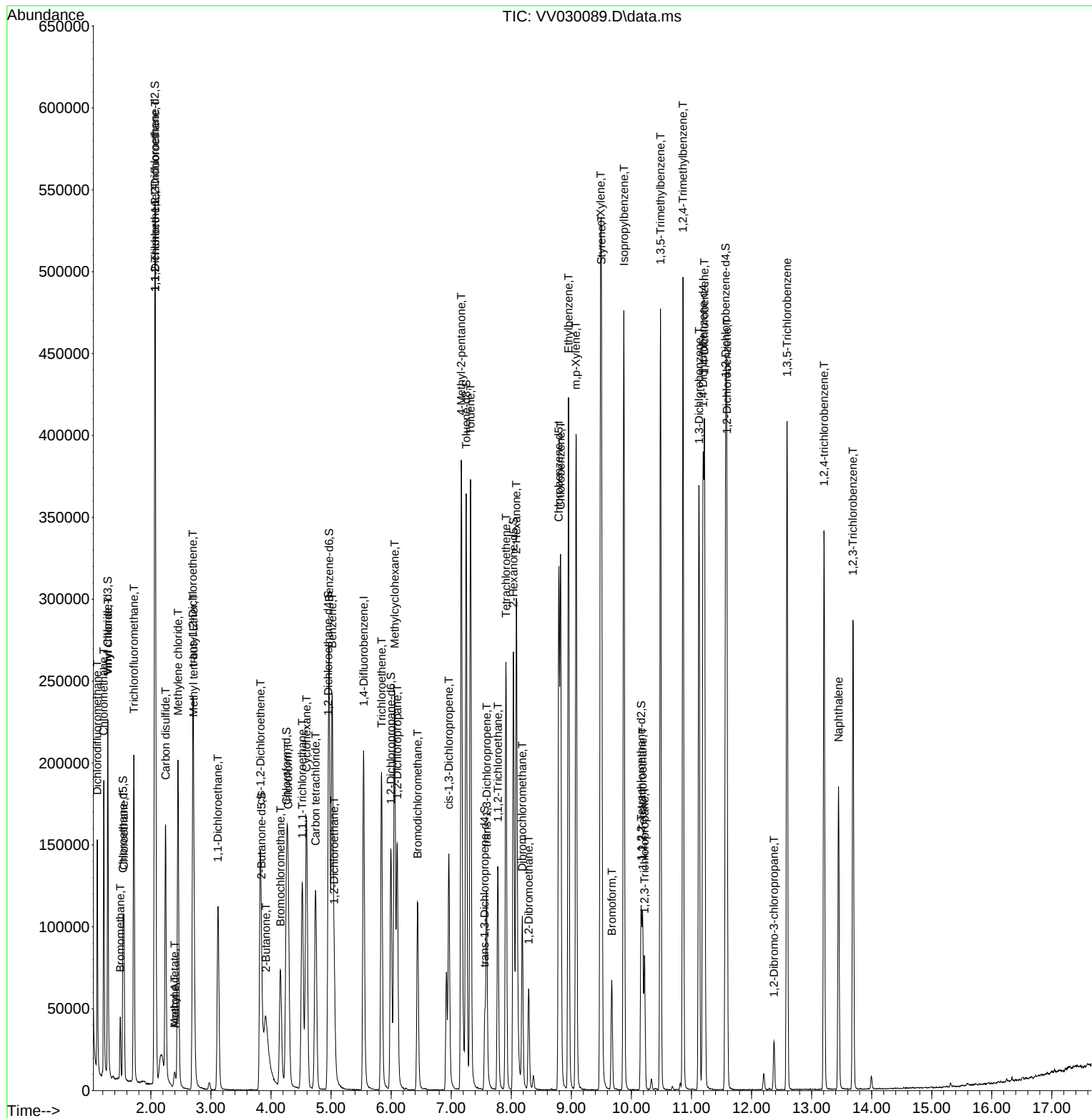
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	63020	4.970	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	111194	5.319	ug/L	99
30) Cyclohexane	4.590	56	97735	5.410	ug/L	99
31) Carbon tetrachloride	4.741	117	98747	5.255	ug/L	99
33) Benzene	5.018	78	257217	5.292	ug/L	100
34) Trichloroethene	5.841	95	72349	5.312	ug/L	98
35) Methylcyclohexane	6.059	83	112933	5.479	ug/L	99
37) 1,2-Dichloropropane	6.101	63	64695	5.232	ug/L	100
38) Bromodichloromethane	6.442	83	82922	5.253	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	98275	5.429	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	275492	53.990	ug/L	98
42) Toluene	7.323	91	284101	5.397	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	77935	5.515	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	46760	5.285	ug/L	98
47) Tetrachloroethene	7.911	164	61950	5.299	ug/L	98
48) 2-Hexanone	8.085	43	199500	54.613	ug/L	98
49) Dibromochloromethane	8.185	129	55111	5.323	ug/L	99
50) 1,2-Dibromoethane	8.291	107	42976	5.206	ug/L	96
51) Chlorobenzene	8.821	112	184044	5.184	ug/L	99
52) Ethylbenzene	8.953	91	305589	5.334	ug/L	99
53) m,p-Xylene	9.079	106	117321	5.328	ug/L	98
54) o-Xylene	9.487	106	111629	5.307	ug/L	100
55) Styrene	9.503	104	190790	5.455	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	50709	5.123	ug/L	99
59) Bromoform	9.673	173	31900	5.299	ug/L	98
60) Isopropylbenzene	9.876	105	314357	5.439	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	34067	5.067	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	259681	5.470	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	268917	5.537	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	158617	5.271	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	158435	5.218	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	141822	5.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7407	4.933	ug/L	93
69) 1,3,5-Trichlorobenzene	12.593	180	131884	5.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	108401	5.409	ug/L	98
71) Naphthalene	13.448	128	146113	5.579	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	91383	5.539	ug/L	99

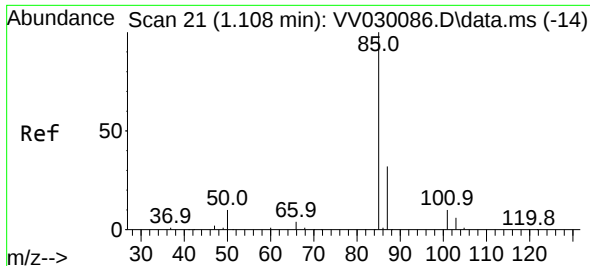
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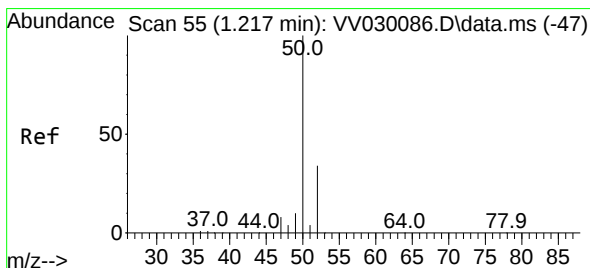
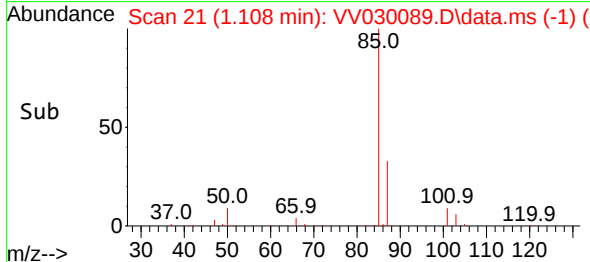
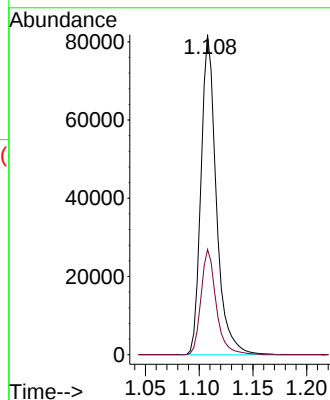
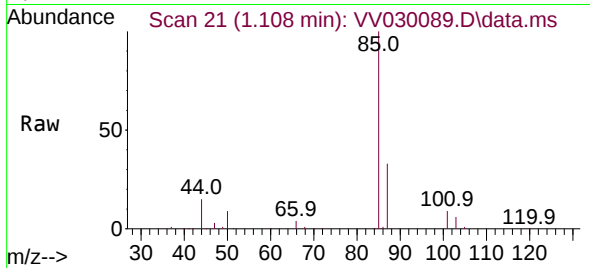




#2
 Dichlorodifluoromethane
 Concen: 5.099 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

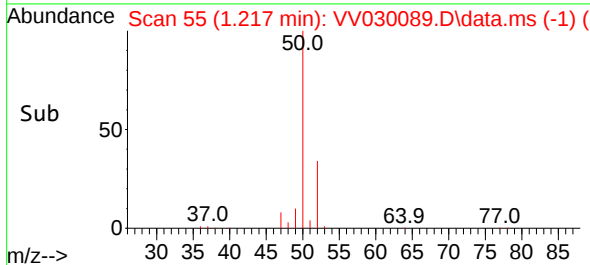
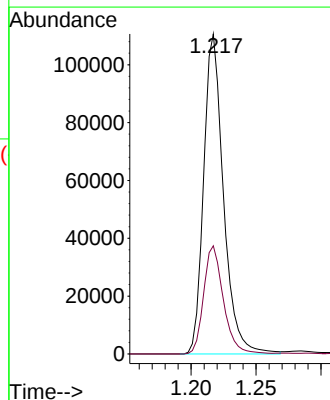
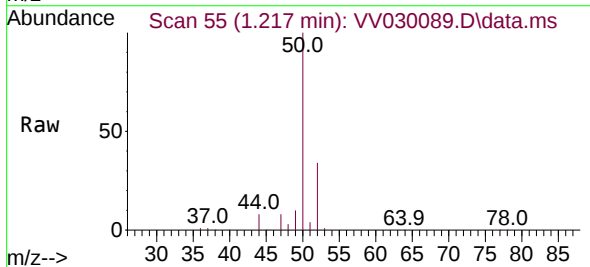
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV227

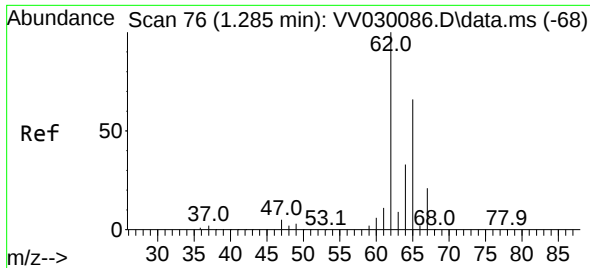
Tgt Ion: 85 Resp: 81285
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.6 39.8



#3
 Chloromethane
 Concen: 4.675 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

Tgt Ion: 50 Resp: 117455
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.6 43.8

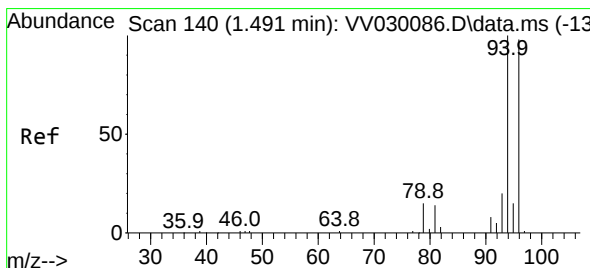
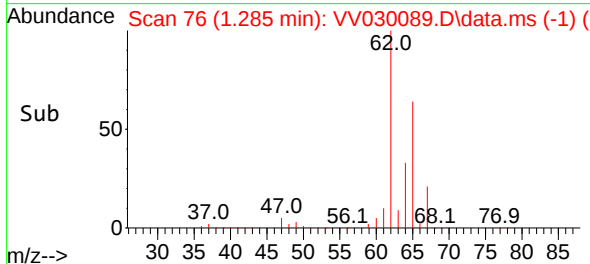
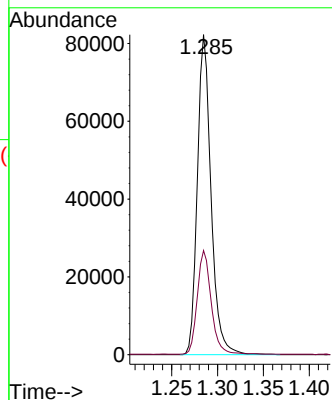
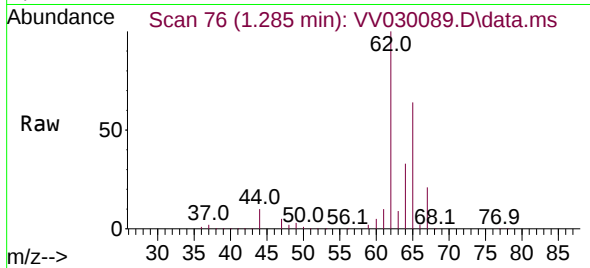




#5
 Vinyl chloride
 Concen: 5.114 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

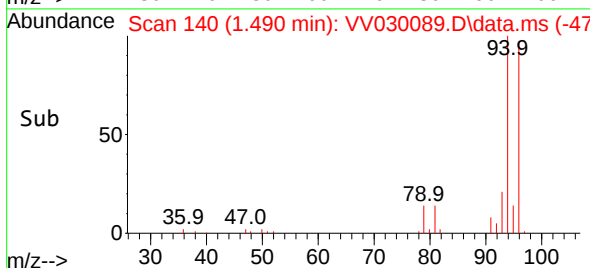
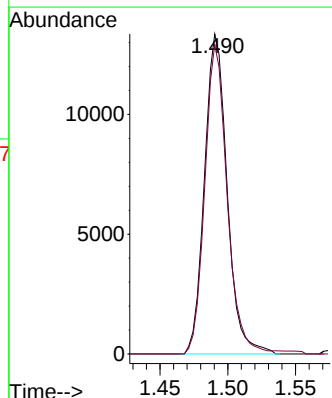
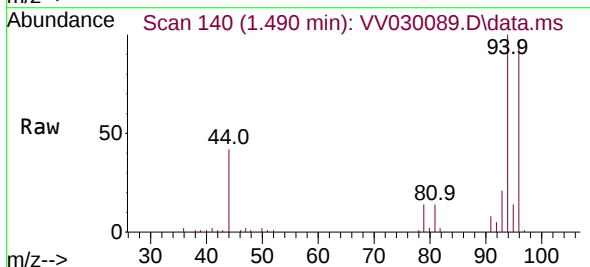
Instrument :
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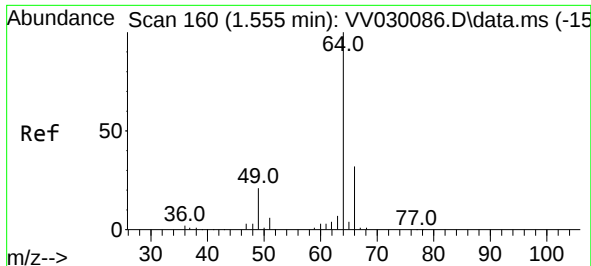
Tgt Ion: 62 Resp: 85391
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.1 42.9



#6
 Bromomethane
 Concen: 5.181 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

Tgt Ion: 94 Resp: 15526
 Ion Ratio Lower Upper
 94 100
 96 96.7 68.4 127.0

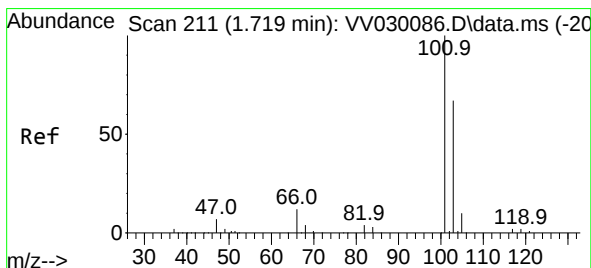
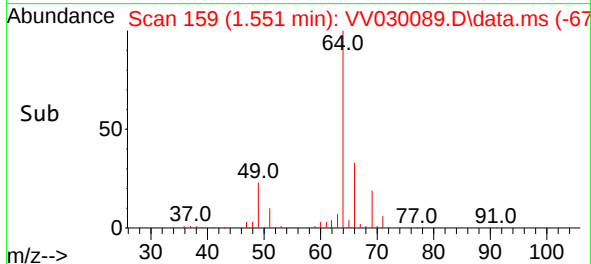
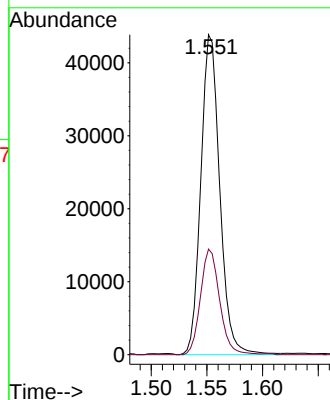
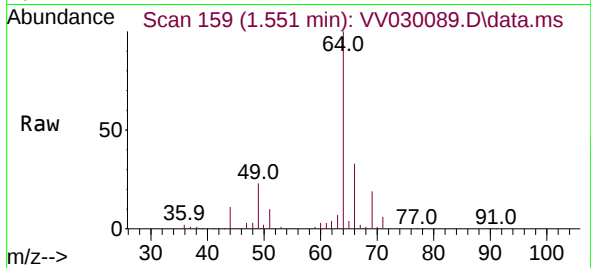




#8
Chloroethane
Concen: 5.105 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

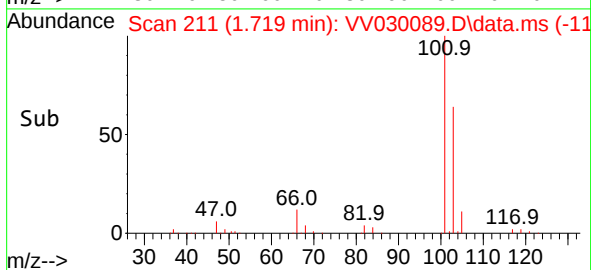
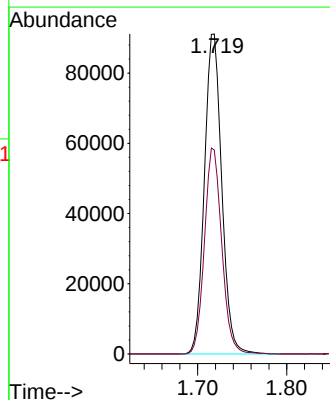
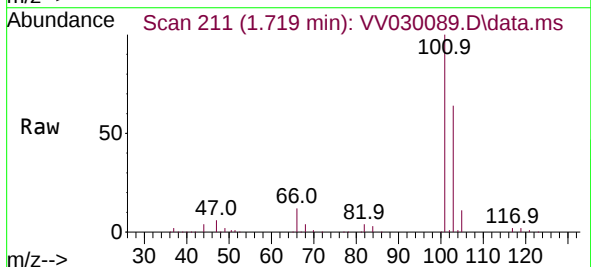
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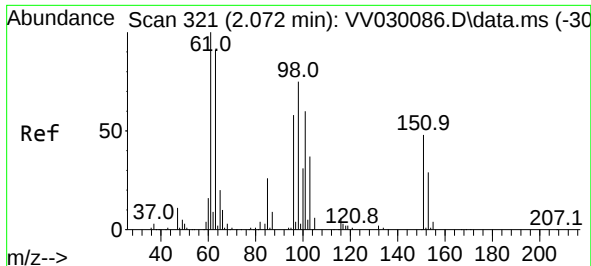
Tgt Ion: 64 Resp: 51935
Ion Ratio Lower Upper
64 100
66 33.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.146 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion:101 Resp: 123278
Ion Ratio Lower Upper
101 100
103 64.1 52.7 79.1

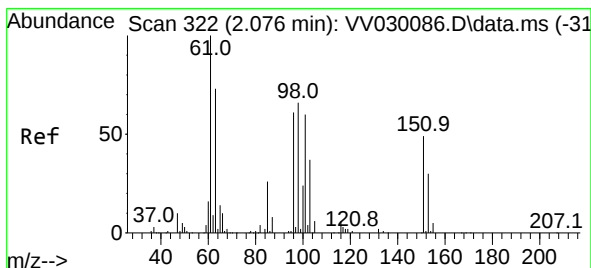
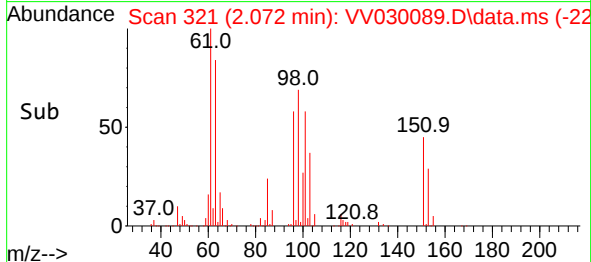
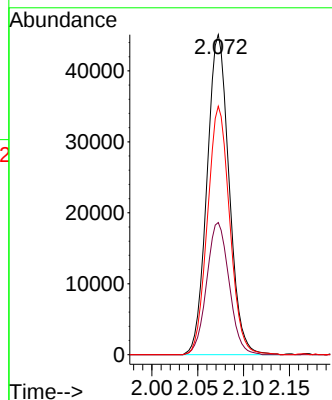
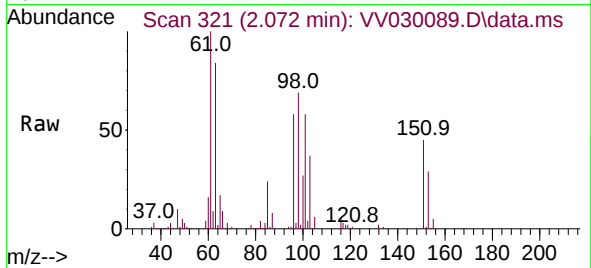




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.087 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

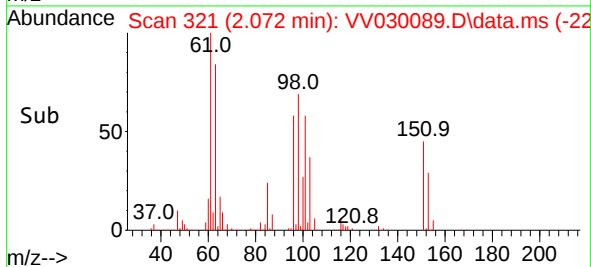
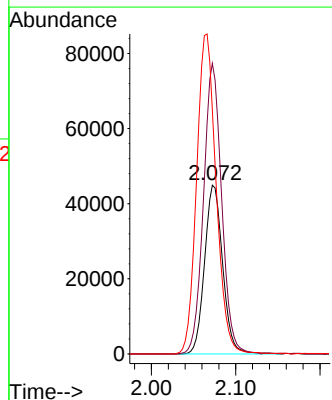
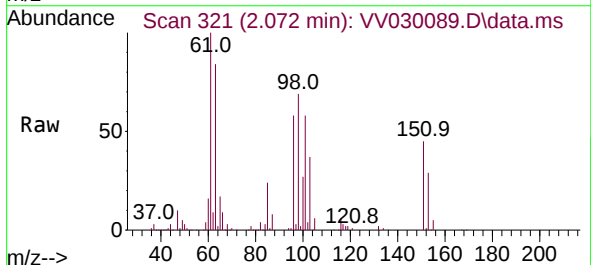
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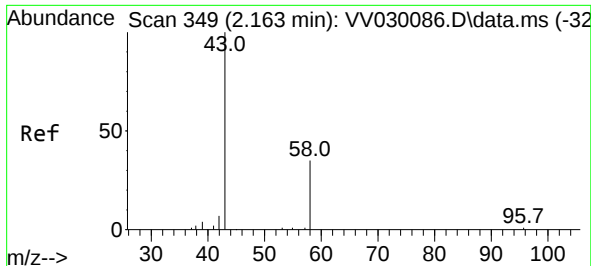
Tgt Ion:101 Resp: 75571
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.5 50.3
 151 78.1 61.6 92.4



#12
 1,1-Dichloroethene
 Concen: 5.116 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

Tgt Ion: 96 Resp: 67271
 Ion Ratio Lower Upper
 96 100
 61 172.0 115.6 214.6
 63 144.3 85.6 159.0





#13

Acetone

Concen: 8.292 ug/L

RT: 2.397 min Scan# 41

Delta R.T. 0.235 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

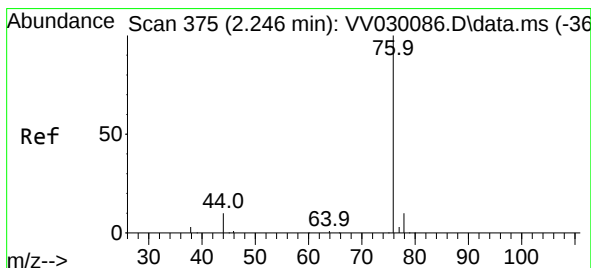
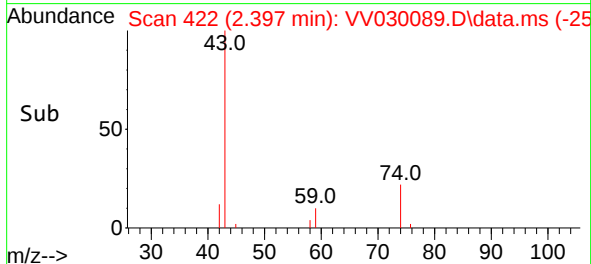
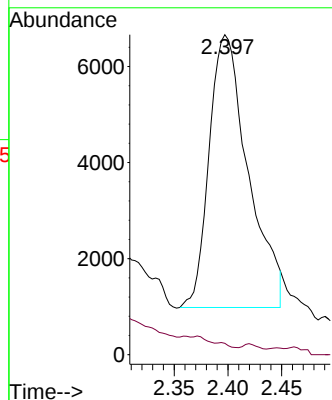
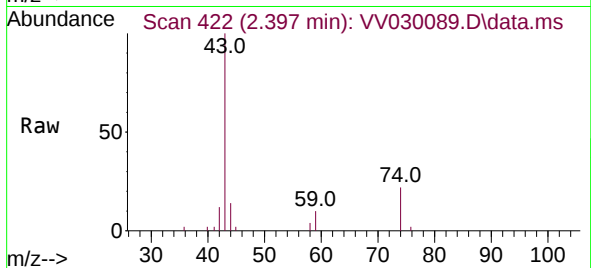
VICV227

Tgt Ion: 43 Resp: 14327

Ion Ratio Lower Upper

43 100

58 6.4 0.0 29.4



#14

Carbon disulfide

Concen: 5.165 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030089.D

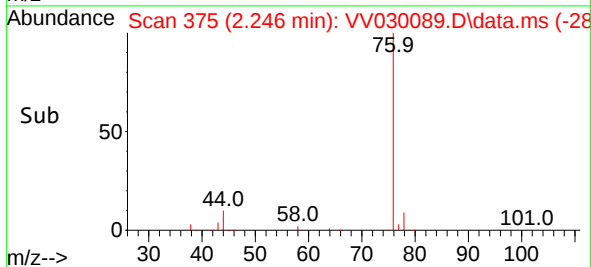
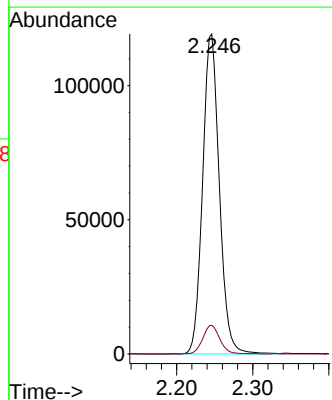
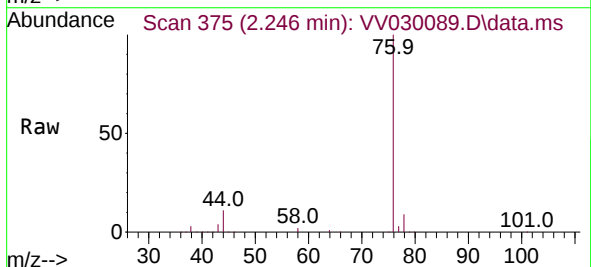
Acq: 23 Feb 2023 12:30

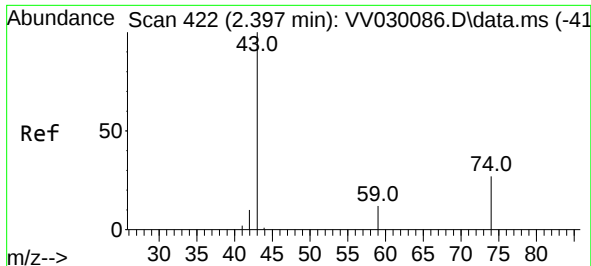
Tgt Ion: 76 Resp: 181740

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

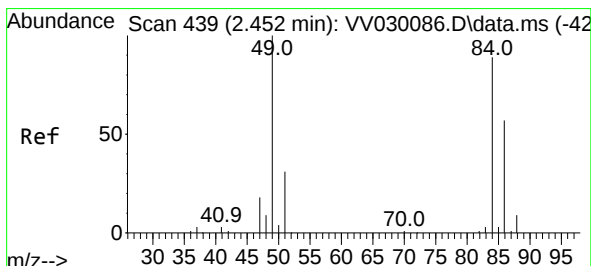
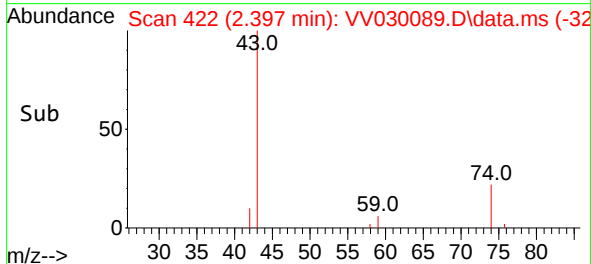
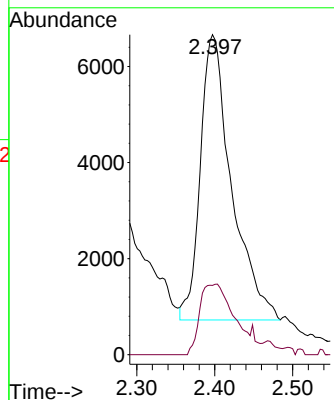
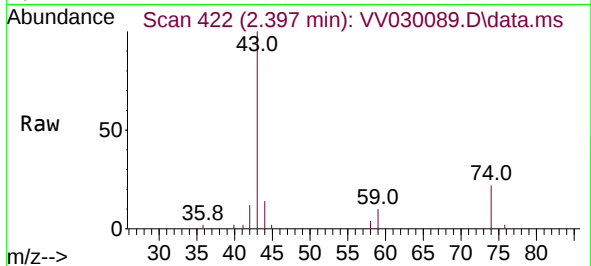




#15
Methyl Acetate
Concen: 4.110 ug/L
RT: 2.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

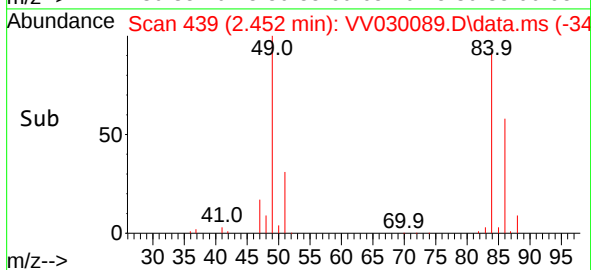
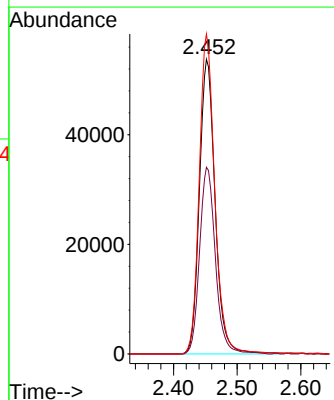
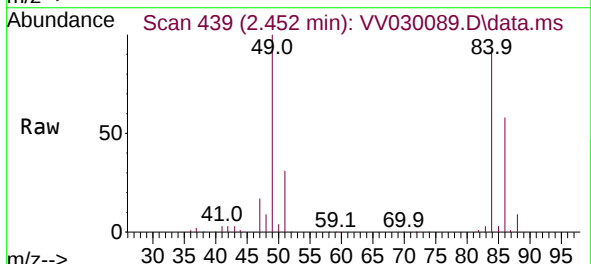
Instrument :
MSVOA_V
ClientSampleId :
VICV227

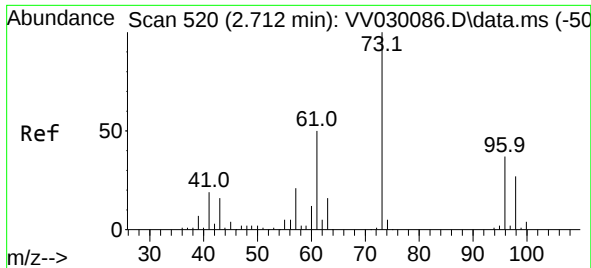
Tgt Ion: 43 Resp: 16584
Ion Ratio Lower Upper
43 100
74 28.2 20.1 30.1



#16
Methylene chloride
Concen: 5.751 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion: 84 Resp: 92382
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 108.6 78.8 146.3



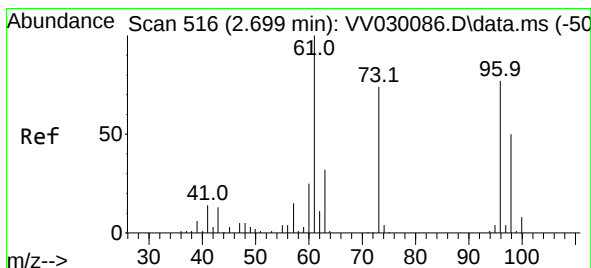
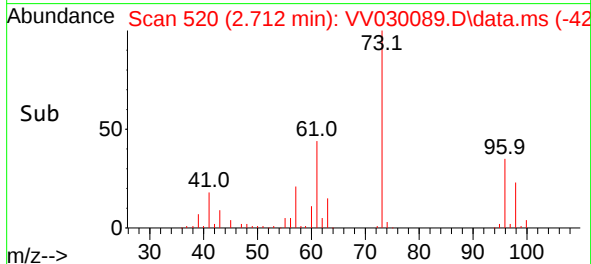
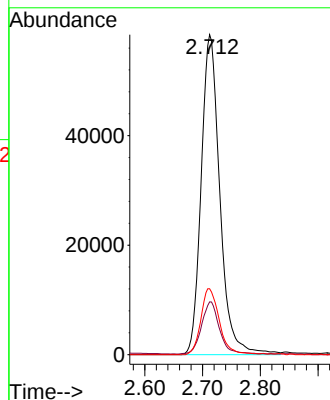
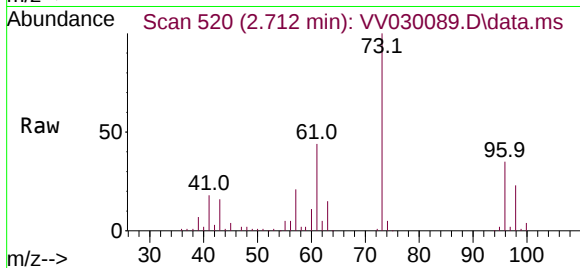


#17
Methyl tert-butyl Ether
Concen: 5.107 ug/L
RT: 2.712 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Instrument :
MSVOA_V
ClientSampleId :
VICV227

Tgt Ion: 73 Resp: 131329

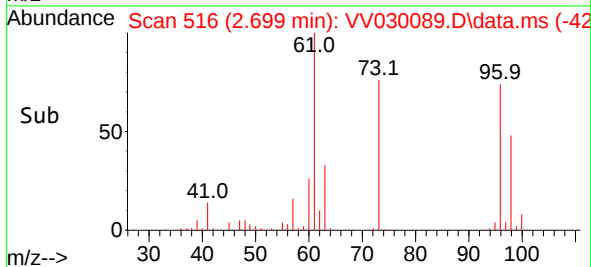
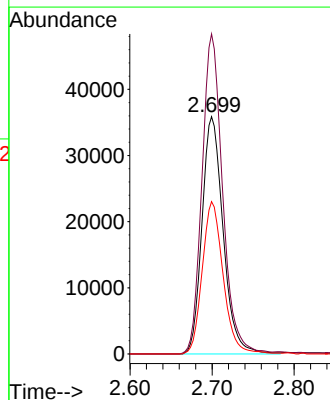
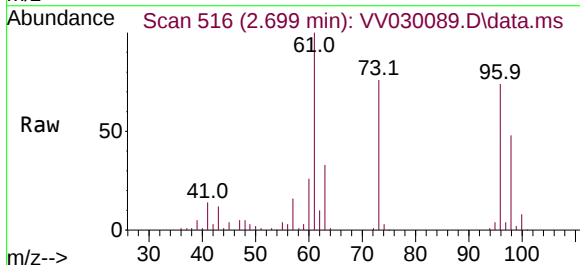
Ion	Ratio	Lower	Upper
73	100		
43	15.6	13.4	20.2
57	20.4	16.8	25.2

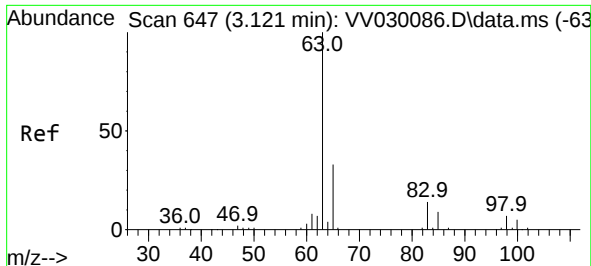


#18
trans-1,2-Dichloroethene
Concen: 5.130 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion: 96 Resp: 64174

Ion	Ratio	Lower	Upper
96	100		
61	134.8	91.0	169.0
98	64.2	45.2	84.0





#19

1,1-Dichloroethane

Concen: 5.095 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV227

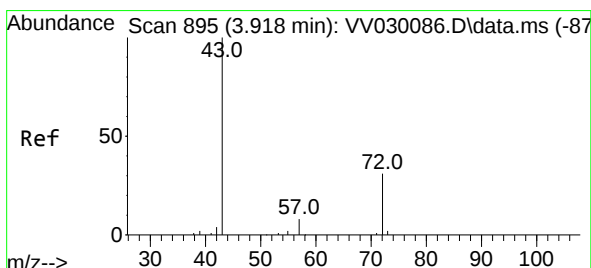
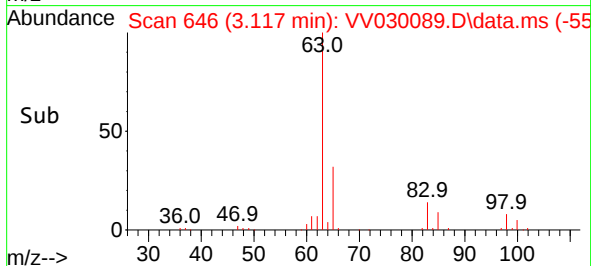
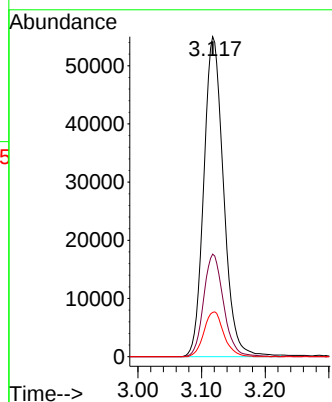
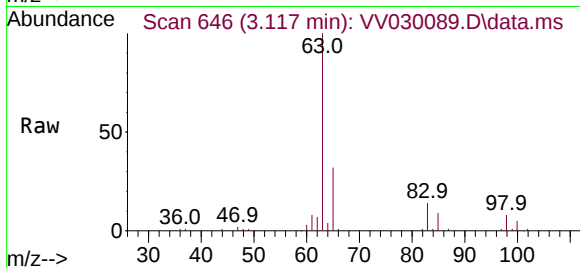
Tgt Ion: 63 Resp: 118726

Ion Ratio Lower Upper

63 100

65 32.0 23.0 42.8

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 45.714 ug/L

RT: 3.915 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV030089.D

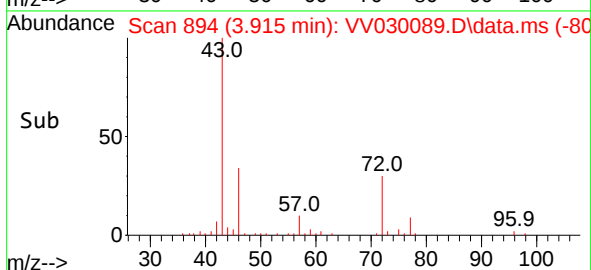
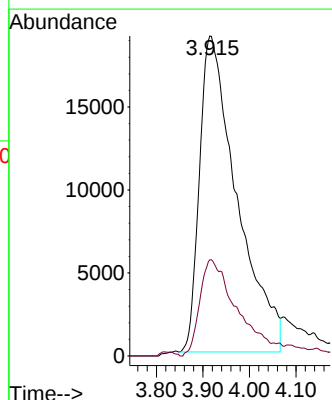
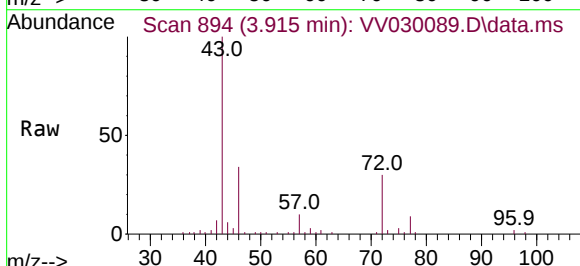
Acq: 23 Feb 2023 12:30

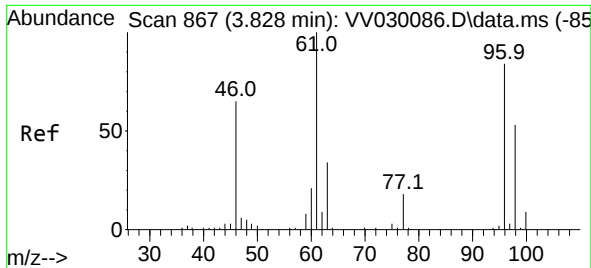
Tgt Ion: 43 Resp: 106222

Ion Ratio Lower Upper

43 100

72 30.3 15.1 45.3

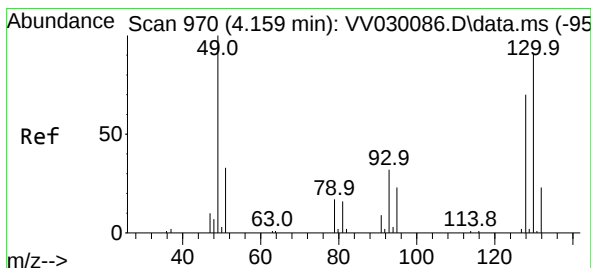
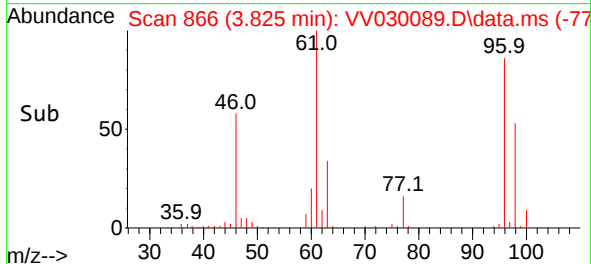
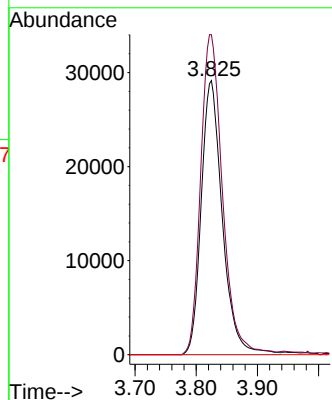
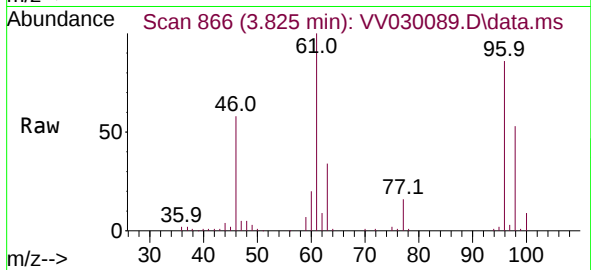




#22
 cis-1,2-Dichloroethene
 Concen: 5.056 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.003 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

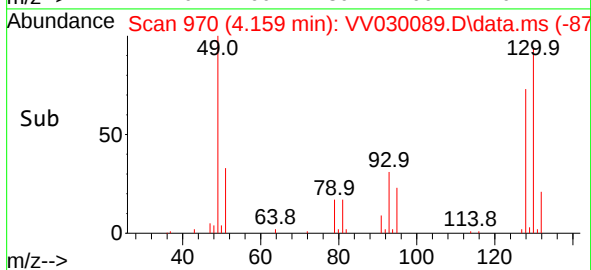
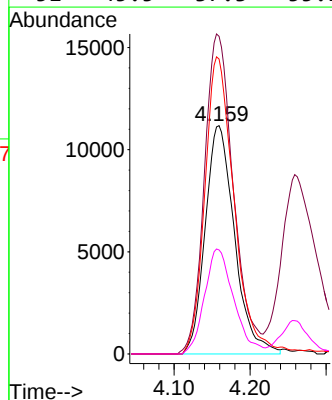
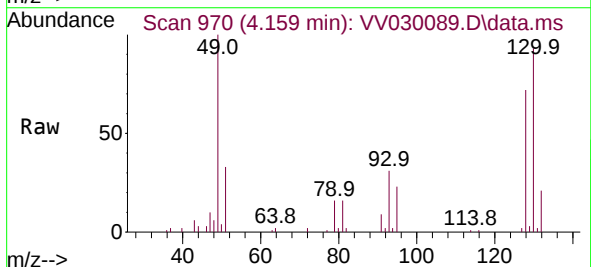
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV227

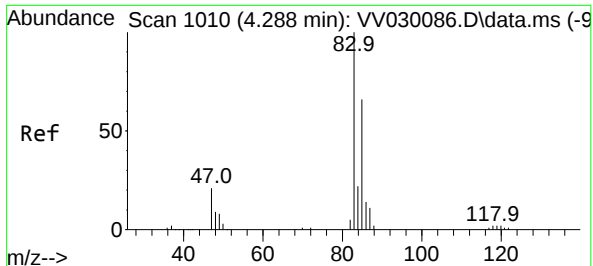
Tgt Ion: 96 Resp: 69904
 Ion Ratio Lower Upper
 96 100
 61 116.8 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.066 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

Tgt Ion: 128 Resp: 29935
 Ion Ratio Lower Upper
 128 100
 49 139.0 99.5 184.9
 130 129.1 90.5 168.1
 51 45.5 37.3 55.9





#25

Chloroform

Concen: 5.100 ug/L

RT: 4.284 min Scan# 1010

Delta R.T. -0.003 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

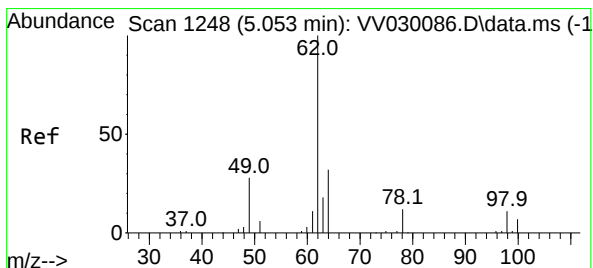
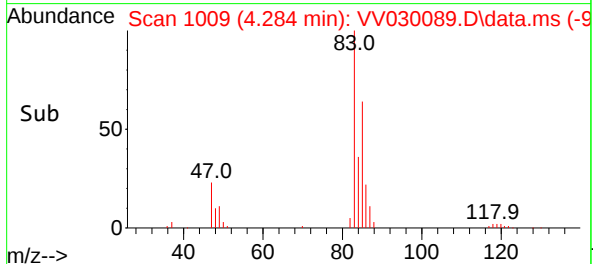
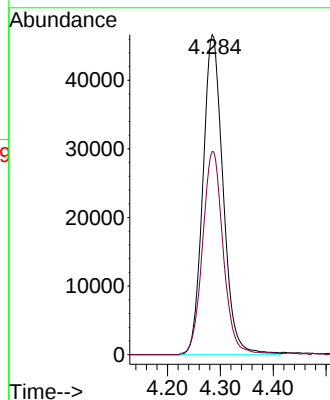
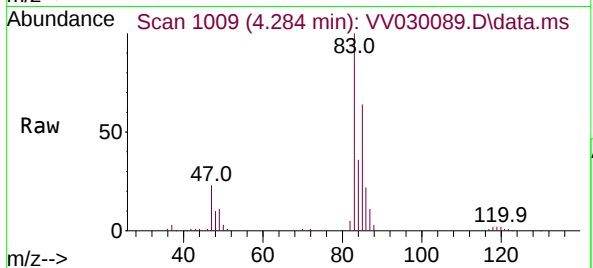
VICV227

Tgt Ion: 83 Resp: 123641

Ion Ratio Lower Upper

83 100

85 63.5 46.5 86.5



#27

1,2-Dichloroethane

Concen: 4.970 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VV030089.D

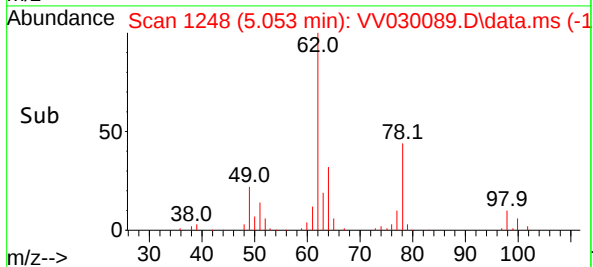
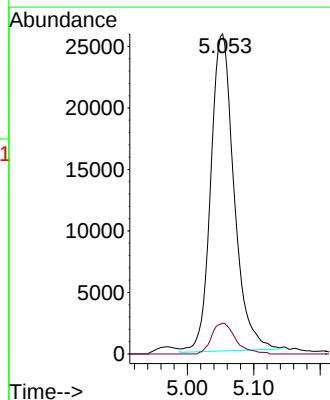
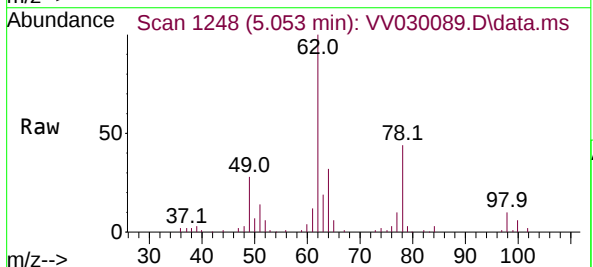
Acq: 23 Feb 2023 12:30

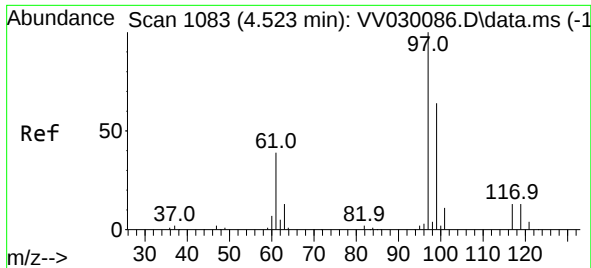
Tgt Ion: 62 Resp: 63020

Ion Ratio Lower Upper

62 100

98 9.6 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.319 ug/L

RT: 4.519 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV227

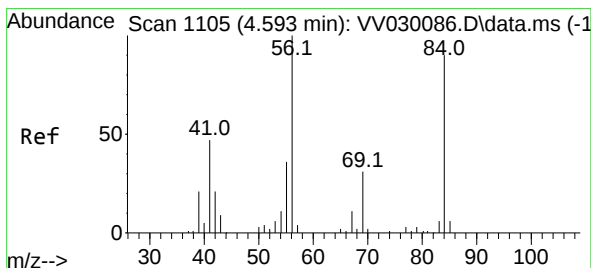
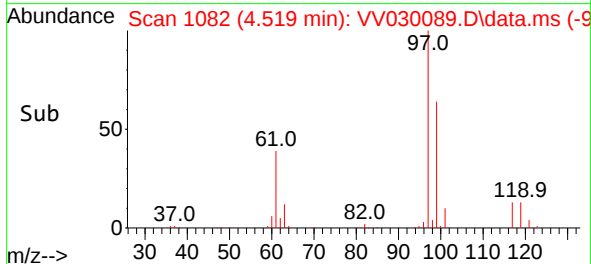
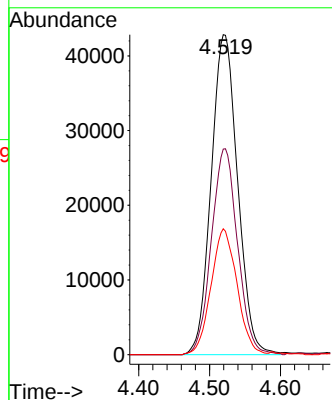
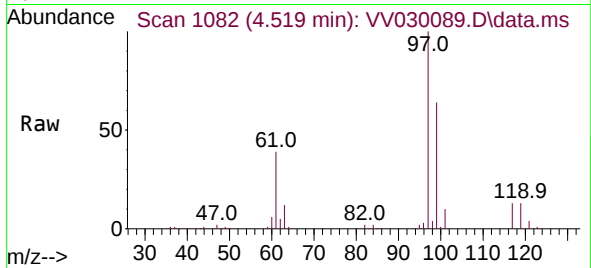
Tgt Ion: 97 Resp: 111194

Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 38.7 31.5 47.3



#30

Cyclohexane

Concen: 5.410 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

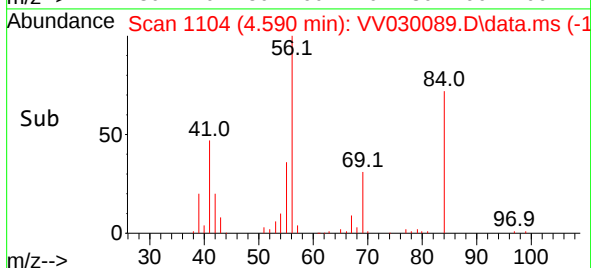
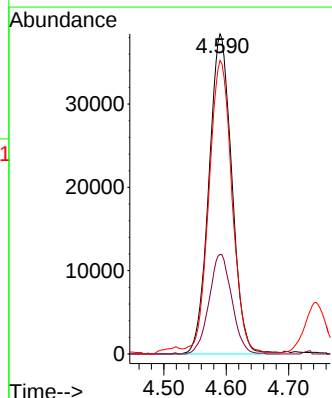
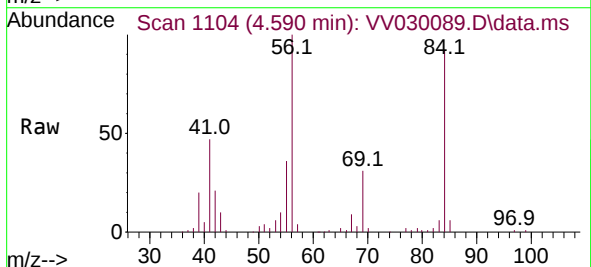
Tgt Ion: 56 Resp: 97735

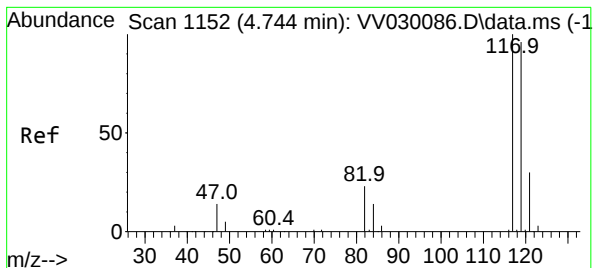
Ion Ratio Lower Upper

56 100

69 30.9 25.1 37.7

84 91.8 74.6 111.8





#31

Carbon tetrachloride

Concen: 5.255 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. -0.003 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

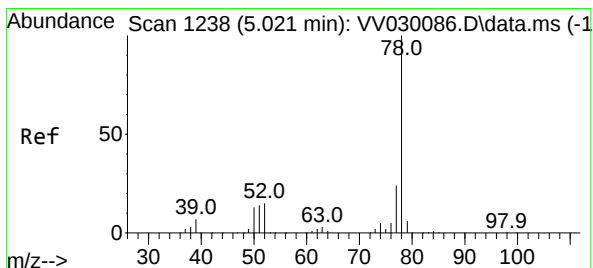
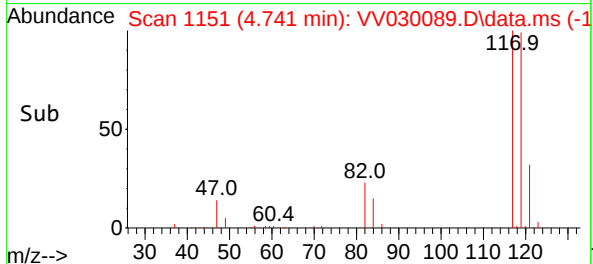
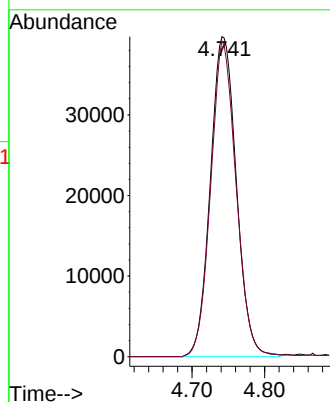
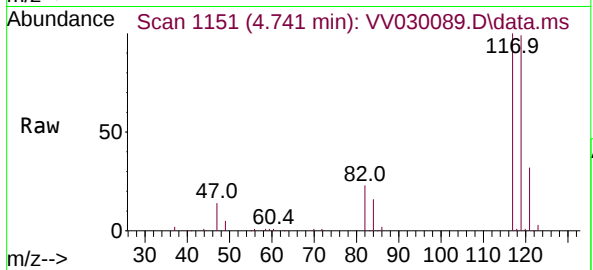
VICV227

Tgt Ion:117 Resp: 98747

Ion Ratio Lower Upper

117 100

119 96.2 76.1 114.1



#33

Benzene

Concen: 5.292 ug/L

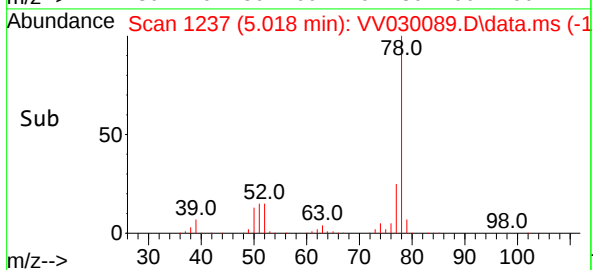
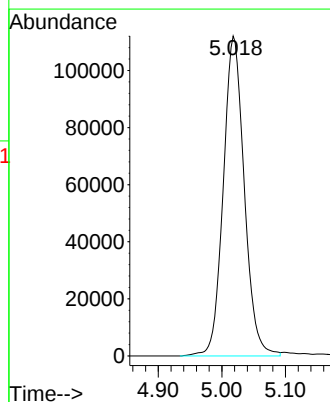
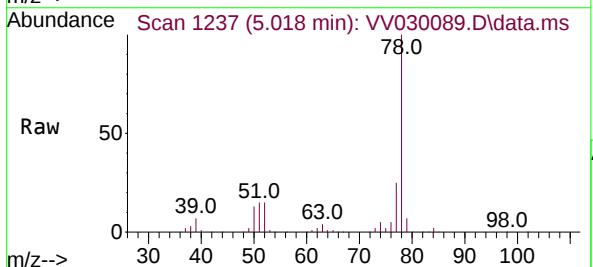
RT: 5.018 min Scan# 1237

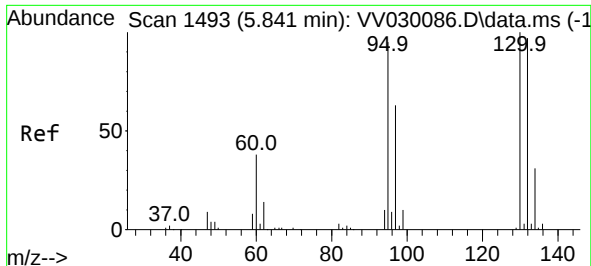
Delta R.T. -0.003 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Tgt Ion: 78 Resp: 257217





#34

Trichloroethene

Concen: 5.312 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV227

Tgt Ion: 95 Resp: 72349

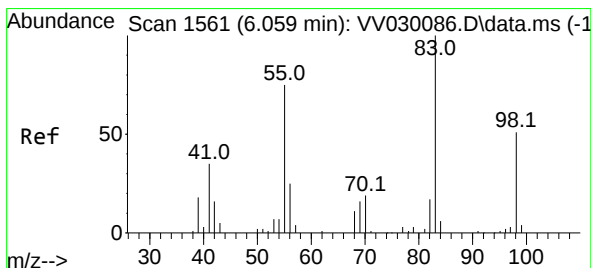
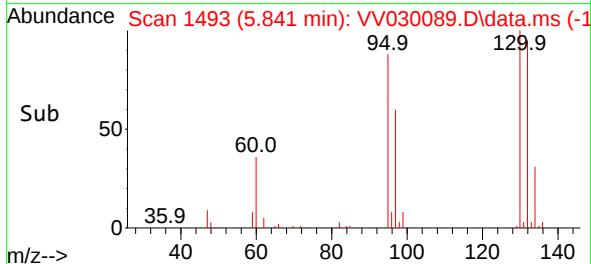
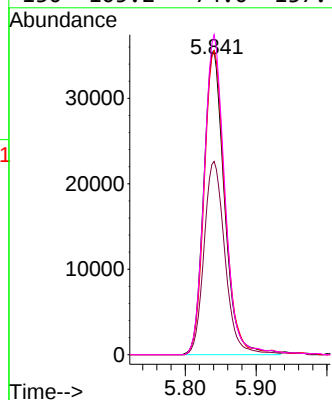
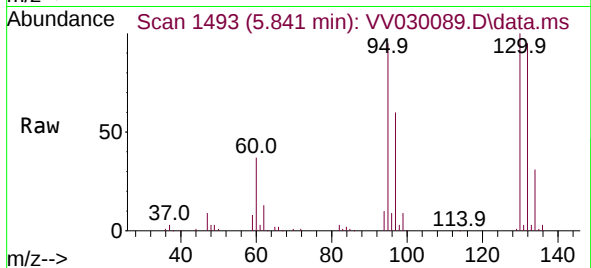
Ion Ratio Lower Upper

95 100

97 63.6 46.5 86.5

132 100.0 71.7 133.3

130 105.2 74.0 137.4



#35

Methylcyclohexane

Concen: 5.479 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

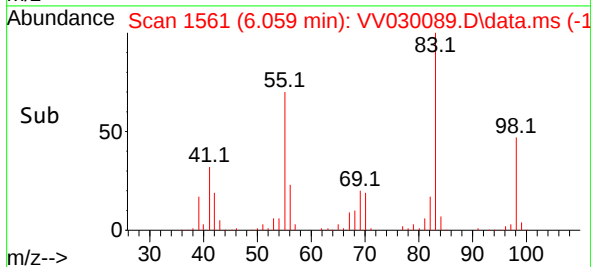
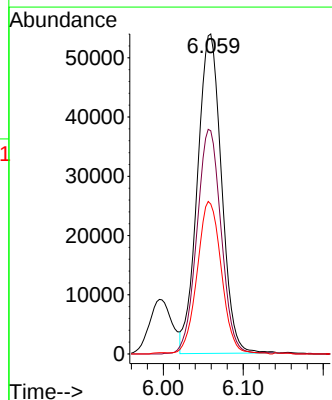
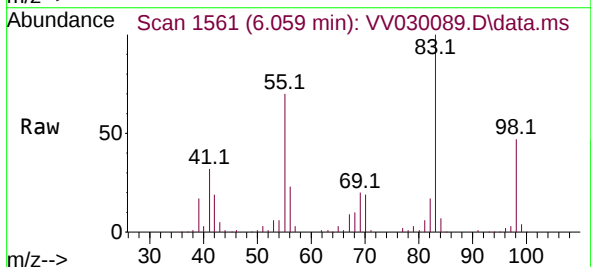
Tgt Ion: 83 Resp: 112933

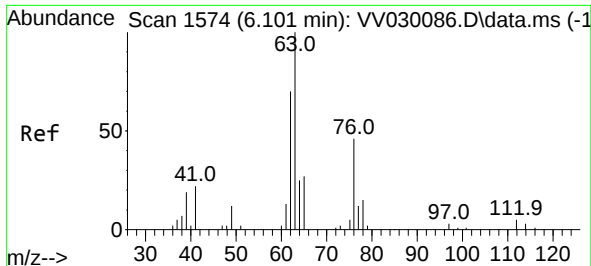
Ion Ratio Lower Upper

83 100

55 71.0 57.6 86.4

98 48.2 38.8 58.2





#37

1,2-Dichloropropane

Concen: 5.232 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

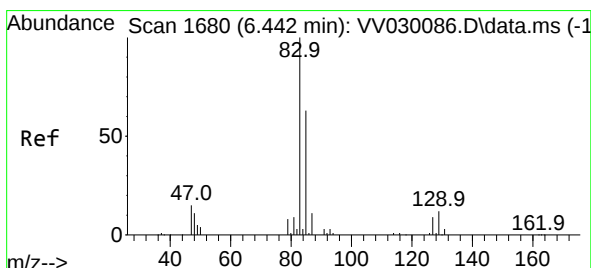
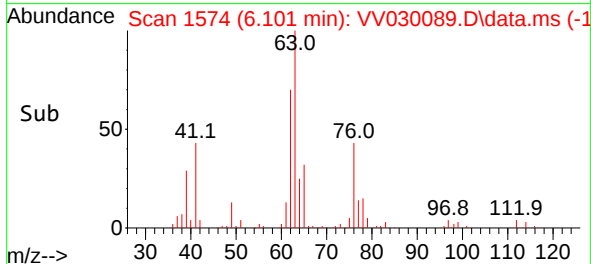
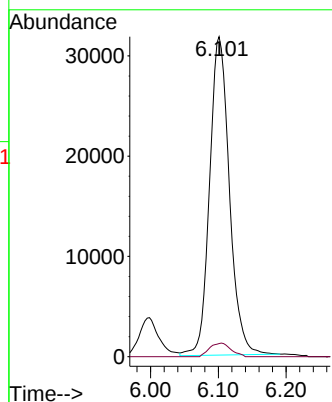
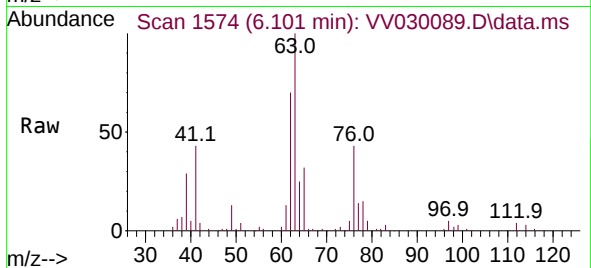
VICV227

Tgt Ion: 63 Resp: 64695

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.253 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. -0.000 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

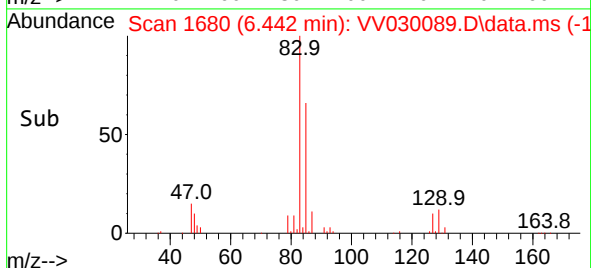
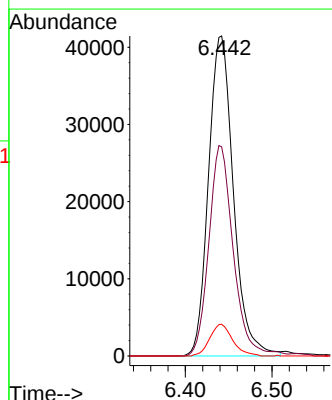
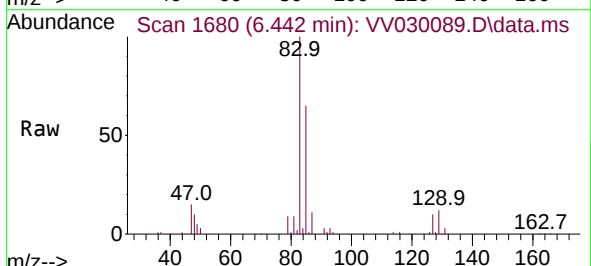
Tgt Ion: 83 Resp: 82922

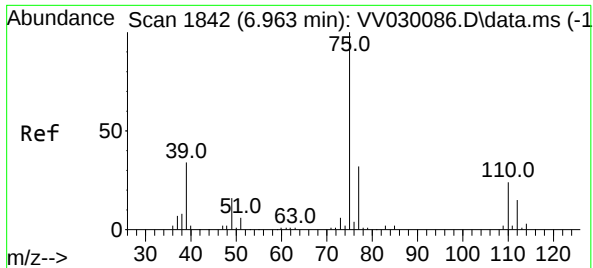
Ion Ratio Lower Upper

83 100

85 65.4 44.3 82.3

127 9.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.429 ug/L

RT: 6.960 min Scan# 1842

Delta R.T. -0.003 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

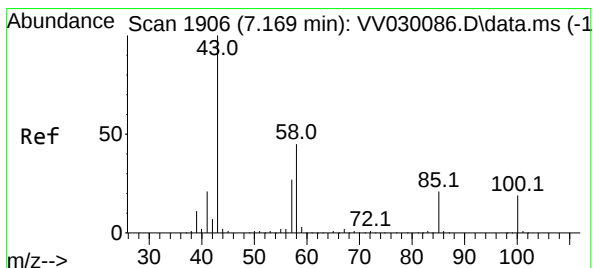
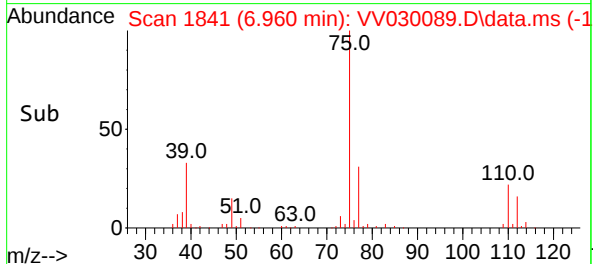
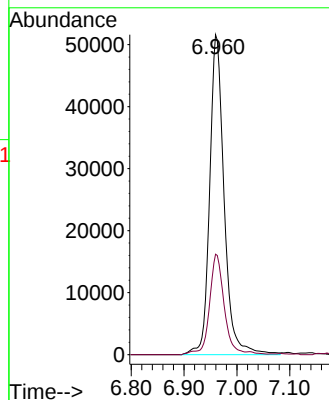
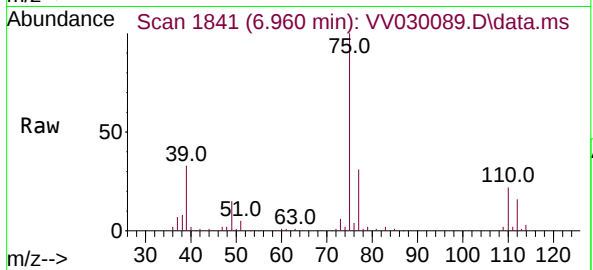
VICV227

Tgt Ion: 75 Resp: 98275

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 53.990 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

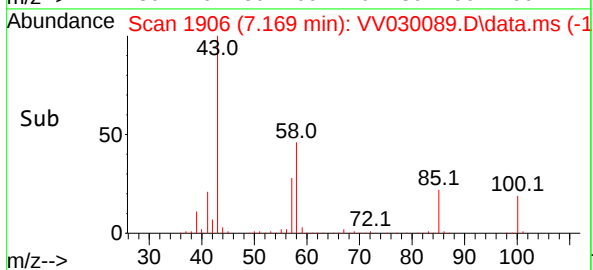
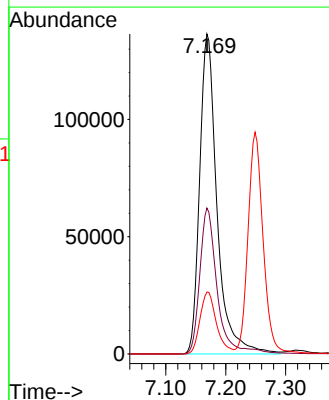
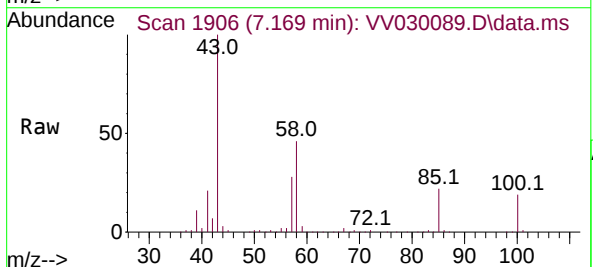
Tgt Ion: 43 Resp: 275492

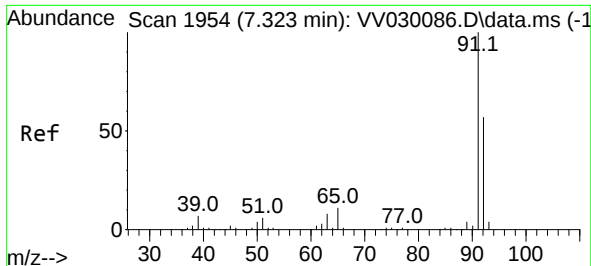
Ion Ratio Lower Upper

43 100

58 45.9 35.3 52.9

100 18.4 14.7 22.1





#42

Toluene

Concen: 5.397 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

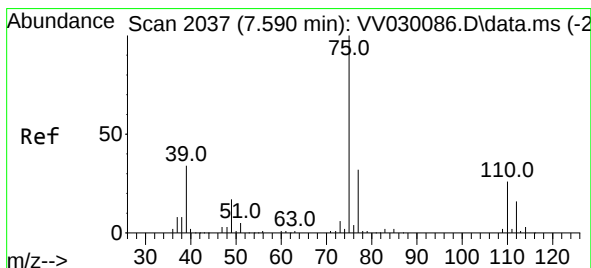
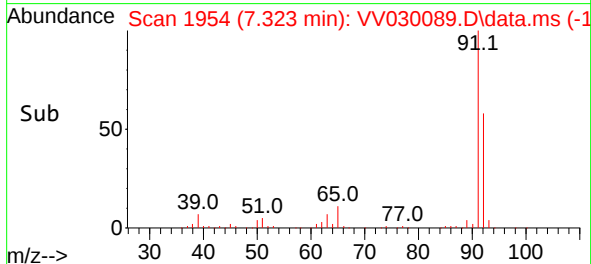
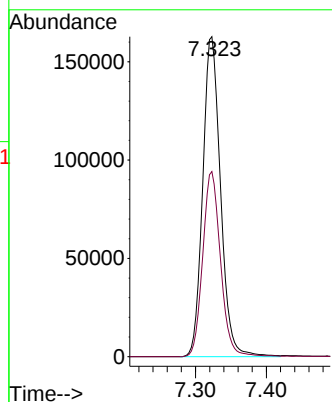
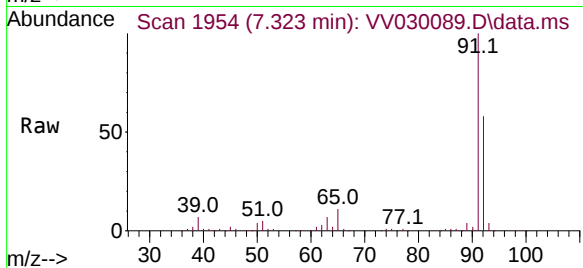
VICV227

Tgt Ion: 91 Resp: 284101

Ion Ratio Lower Upper

91 100

92 57.8 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 5.515 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV030089.D

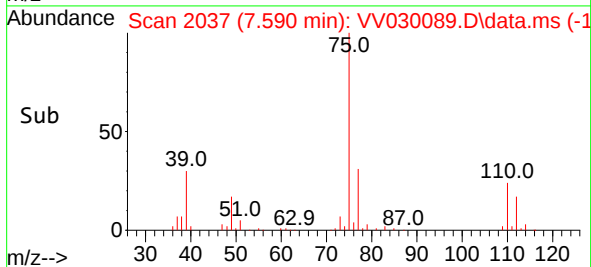
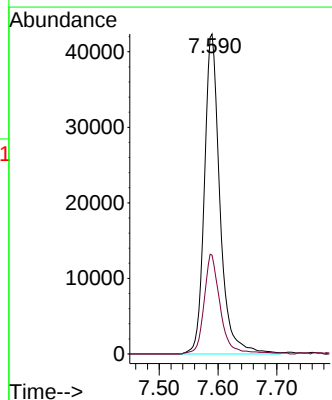
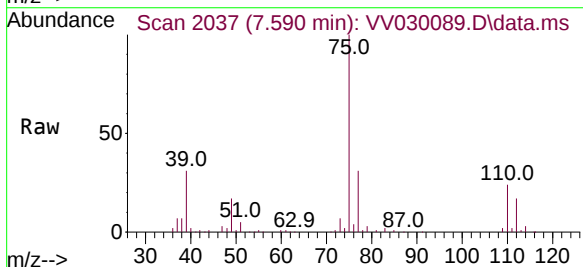
Acq: 23 Feb 2023 12:30

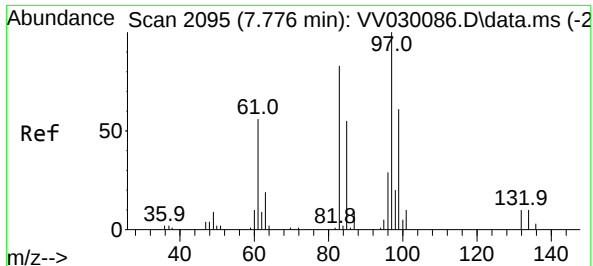
Tgt Ion: 75 Resp: 77935

Ion Ratio Lower Upper

75 100

77 30.9 22.1 41.1

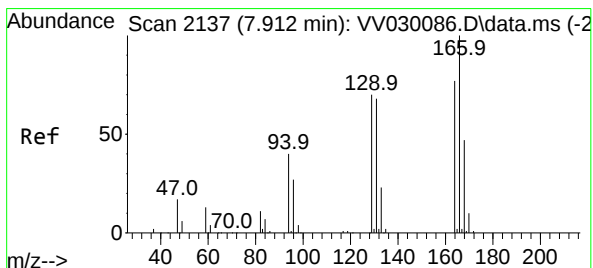
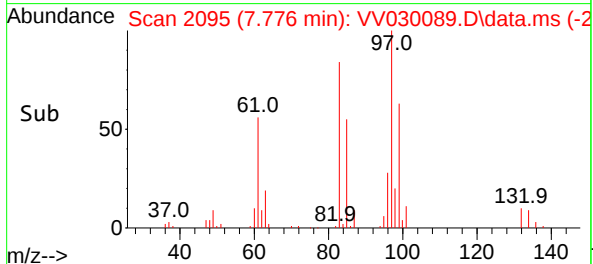
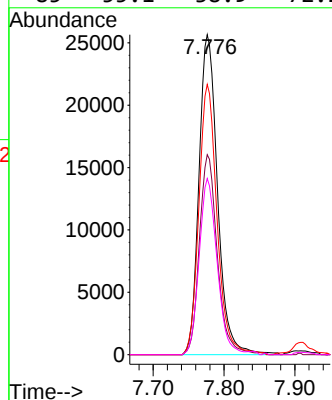
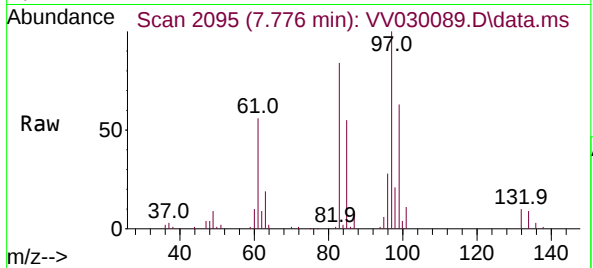




#45
1,1,2-Trichloroethane
Concen: 5.285 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

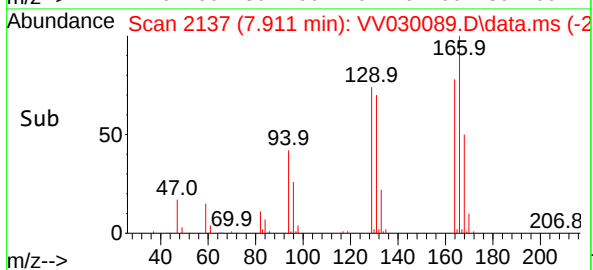
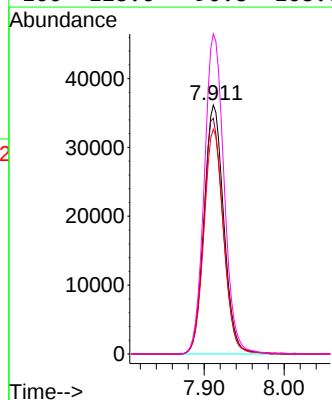
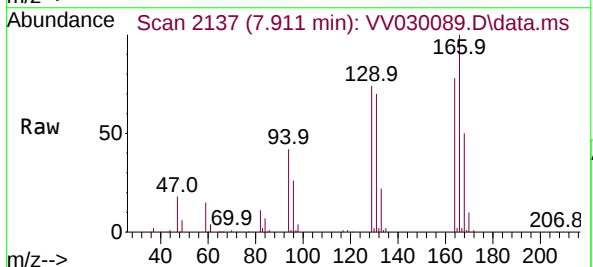
Instrument : MSVOA_V
ClientSampleId : VICV227

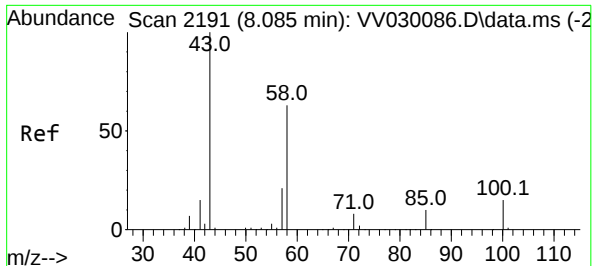
Tgt Ion: 97	Resp: 46760
Ion Ratio	Lower Upper
97 100	
99 62.5	42.6 79.2
83 84.4	57.7 107.3
85 55.1	38.9 72.2



#47
Tetrachloroethene
Concen: 5.299 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion:164	Resp: 61950		
Ion	Ratio	Lower	Upper
164	100		
129	94.7	63.6	118.2
131	90.3	61.7	114.7
166	128.6	90.8	168.6

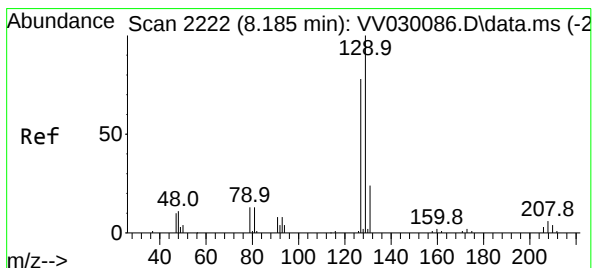
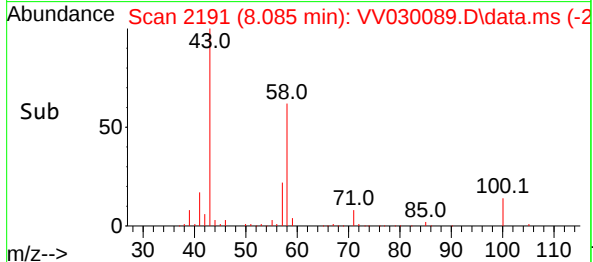
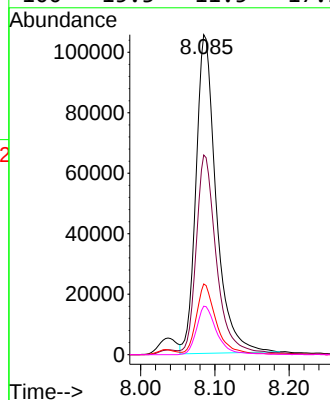
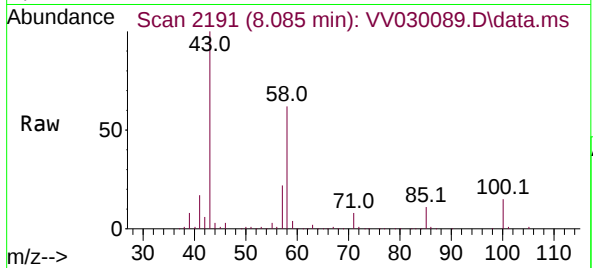




#48
2-Hexanone
Concen: 54.613 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

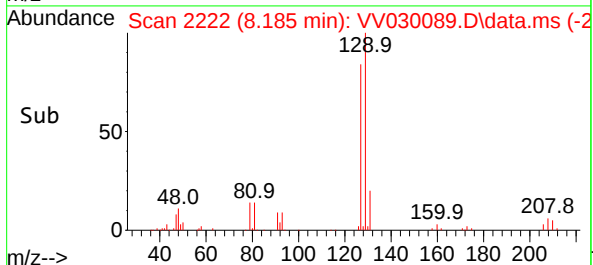
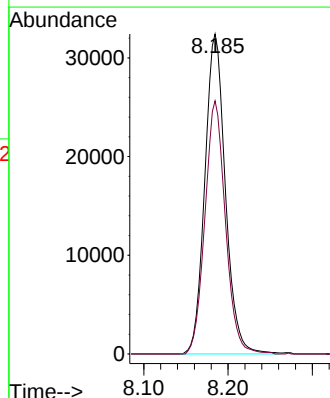
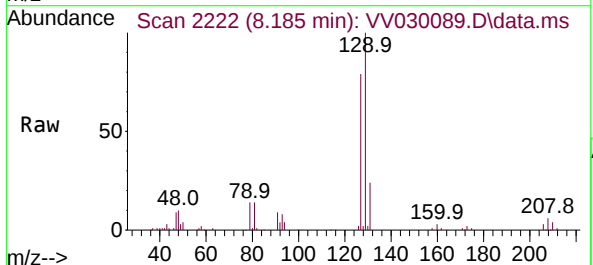
Instrument :
MSVOA_V
ClientSampleId :
VICV227

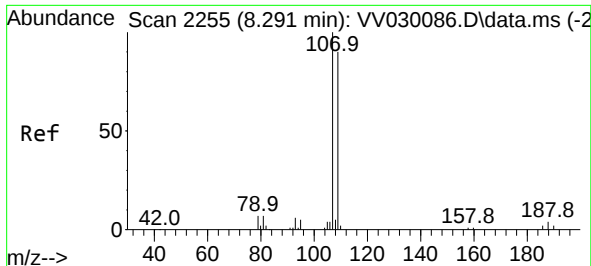
Tgt Ion: 43	Resp: 199500
Ion Ratio	Lower Upper
43 100	
58 63.3	49.8 74.8
57 21.9	16.6 24.8
100 15.3	11.5 17.3



#49
Dibromochloromethane
Concen: 5.323 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion:129	Resp:	55111	
Ion	Ratio	Lower	Upper
129	100		
127	79.1	54.7	101.5

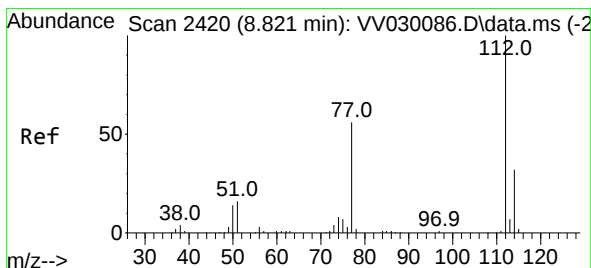
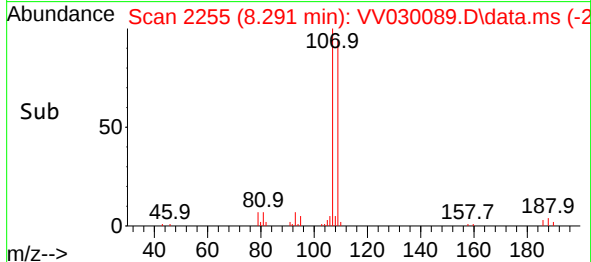
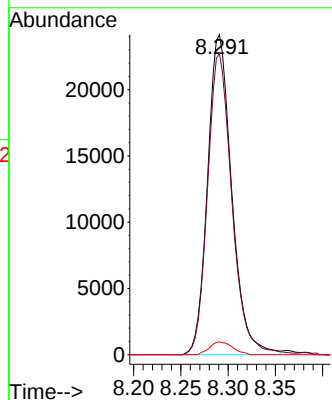
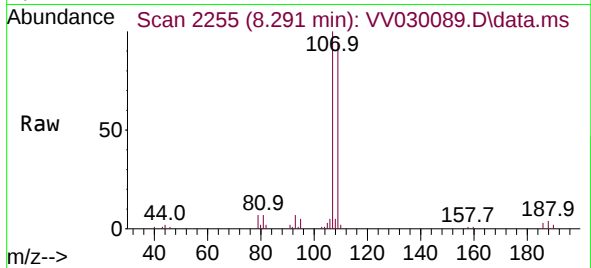




#50
1,2-Dibromoethane
Concen: 5.206 ug/L
RT: 8.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

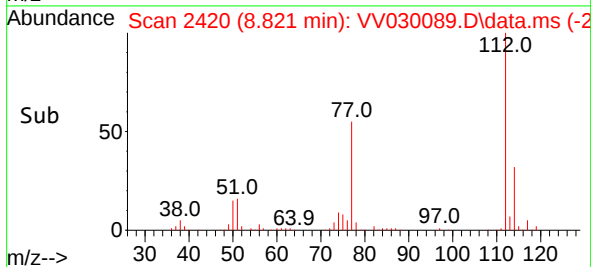
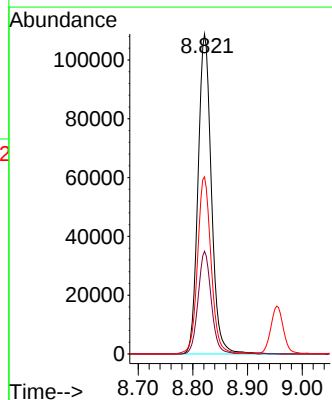
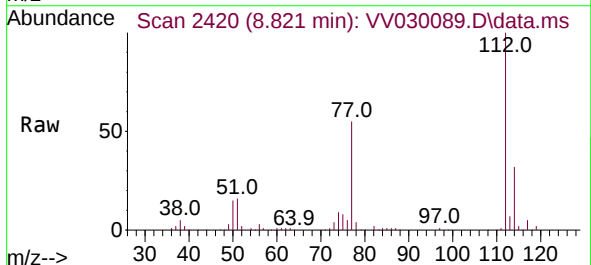
Instrument :
MSVOA_V
ClientSampleId :
VICV227

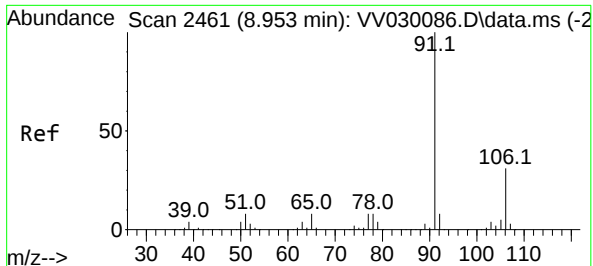
Tgt Ion:107 Resp: 42976
Ion Ratio Lower Upper
107 100
109 94.2 63.3 117.7
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 5.184 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion:112 Resp: 184044
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 55.3 45.3 67.9





#52

Ethylbenzene

Concen: 5.334 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

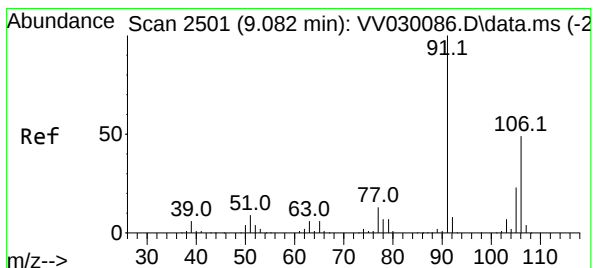
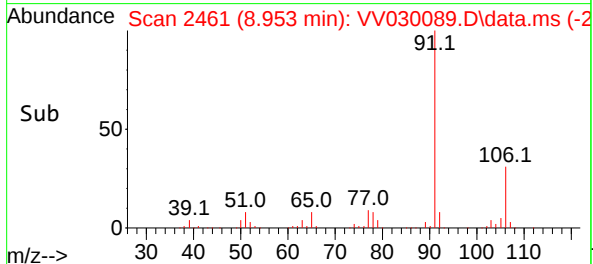
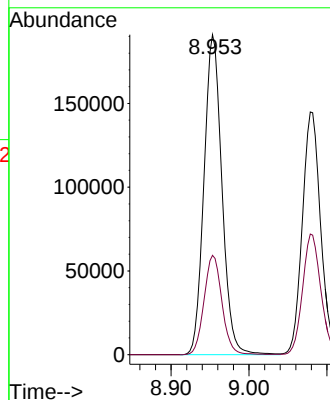
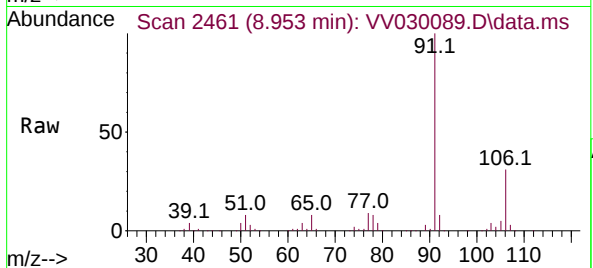
VICV227

Tgt Ion: 91 Resp: 305589

Ion Ratio Lower Upper

91 100

106 31.1 22.0 40.8



#53

m,p-Xylene

Concen: 5.328 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.003 min

Lab File: VV030089.D

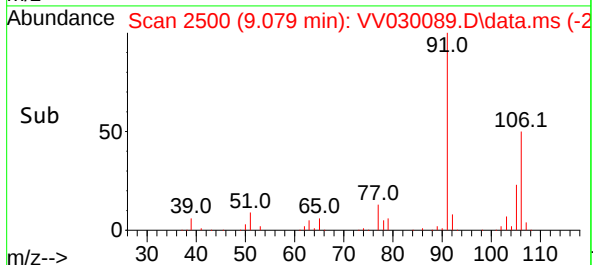
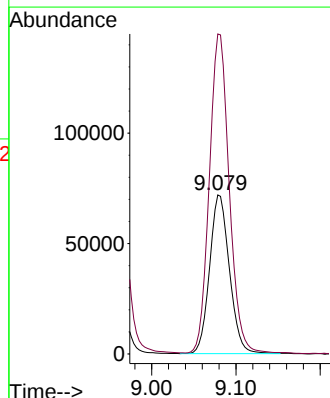
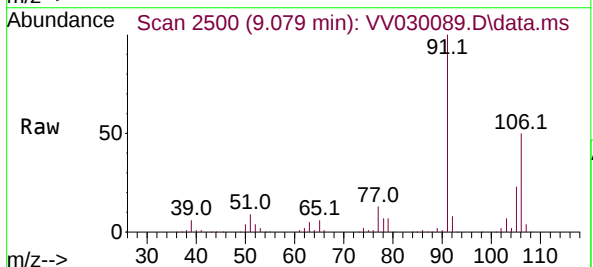
Acq: 23 Feb 2023 12:30

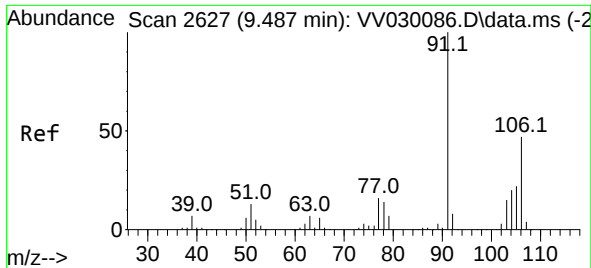
Tgt Ion:106 Resp: 117321

Ion Ratio Lower Upper

106 100

91 201.3 142.5 264.7

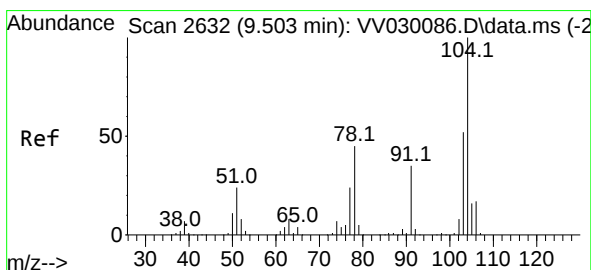
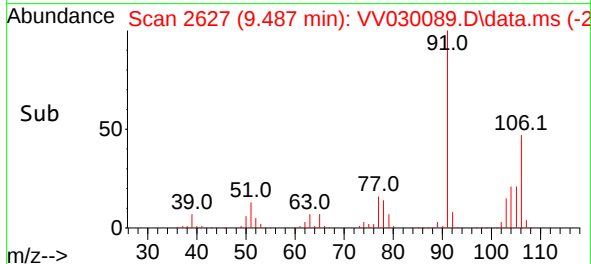
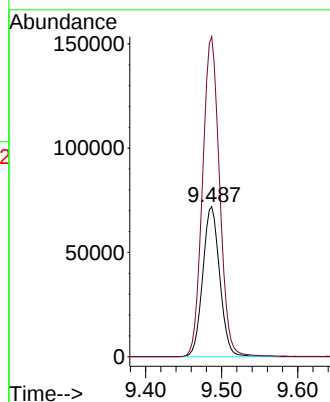
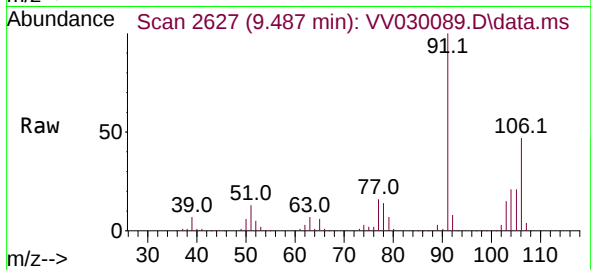




#54
o-Xylene
Concen: 5.307 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

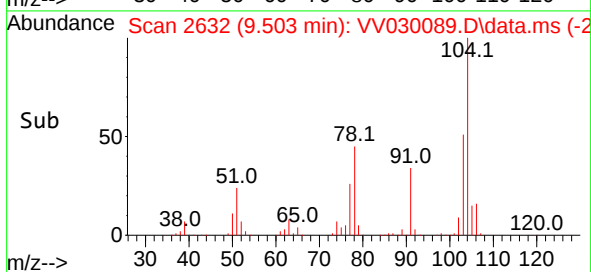
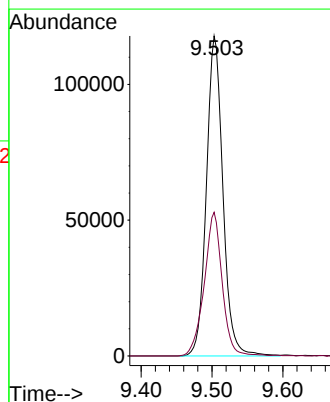
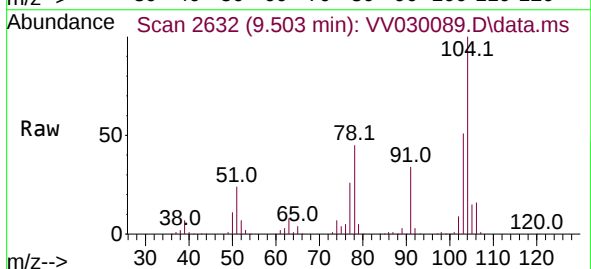
Instrument :
MSVOA_V
ClientSampleId :
VICV227

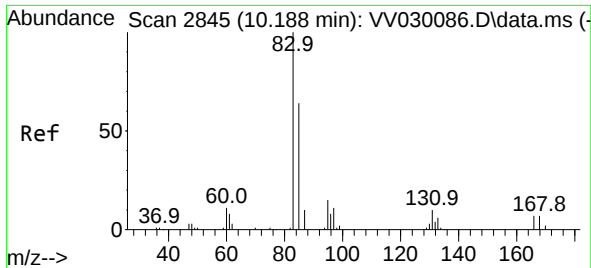
Tgt Ion:106 Resp: 111629
Ion Ratio Lower Upper
106 100
91 213.1 148.8 276.4



#55
Styrene
Concen: 5.455 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion:104 Resp: 190790
Ion Ratio Lower Upper
104 100
78 44.9 31.1 57.9

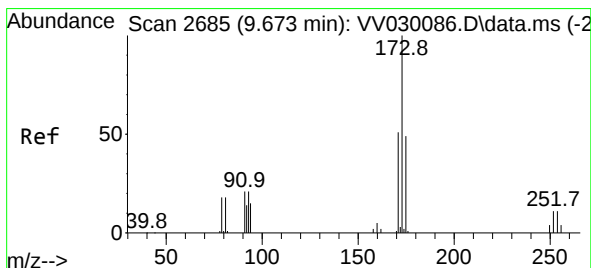
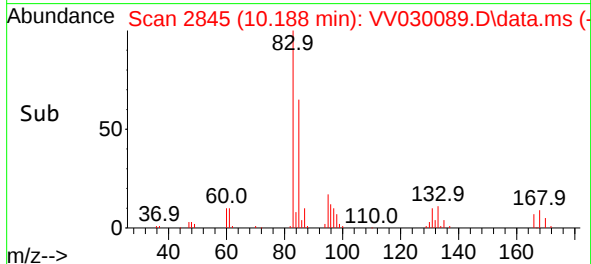
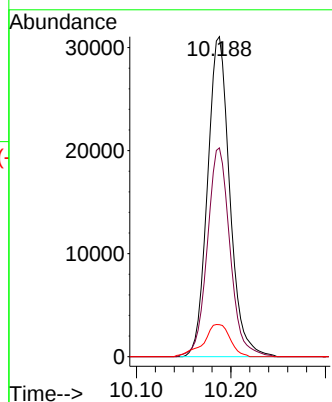
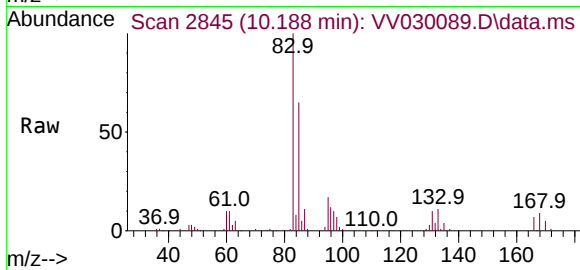




#57
1,1,2,2-Tetrachloroethane
Concen: 5.123 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

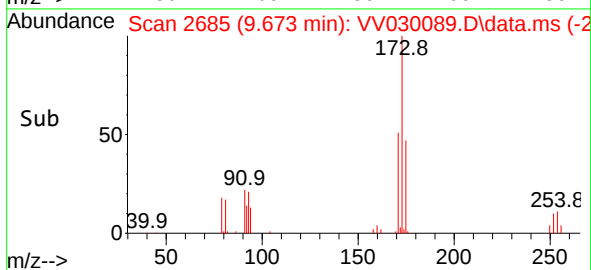
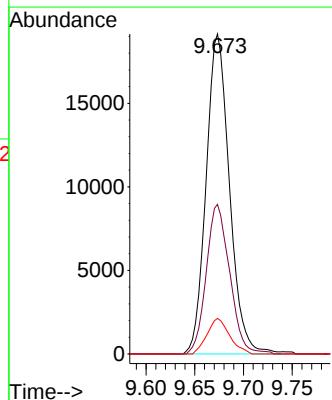
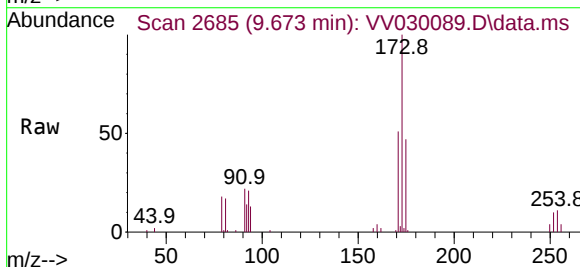
Instrument :
MSVOA_V
ClientSampleId :
VICV227

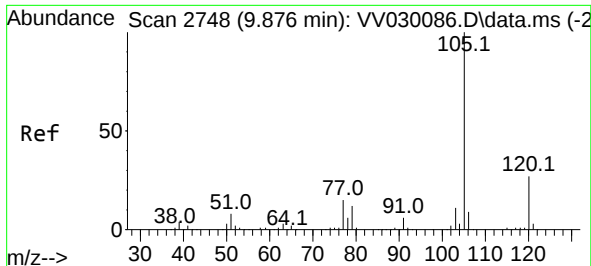
Tgt Ion:	83	Resp:	50709
Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.0	83.6
131	10.0	8.2	12.4



#59
Bromoform
Concen: 5.299 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion:	173	Resp:	31900
Ion	Ratio	Lower	Upper
173	100		
175	46.9	38.5	57.7
254	10.7	8.6	13.0

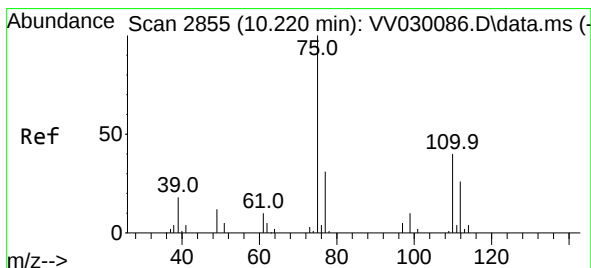
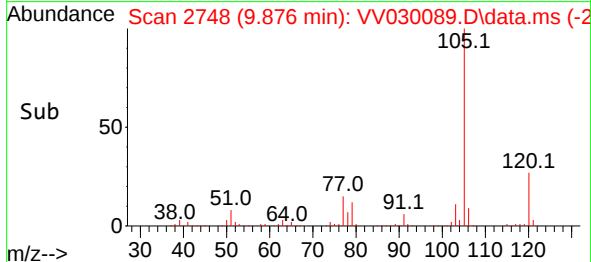
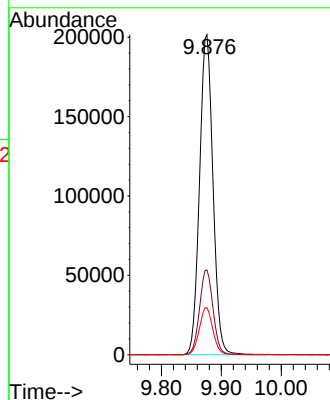
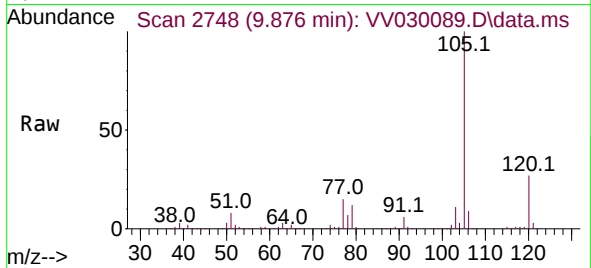




#60
Isopropylbenzene
Concen: 5.439 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

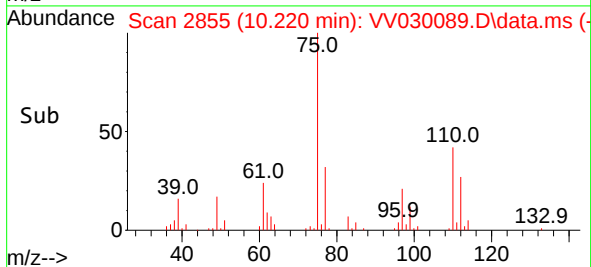
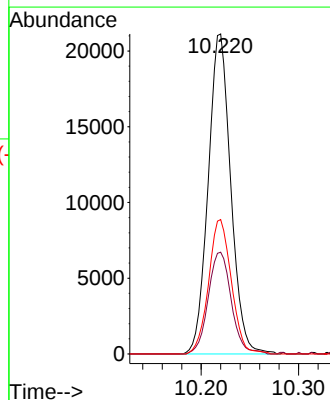
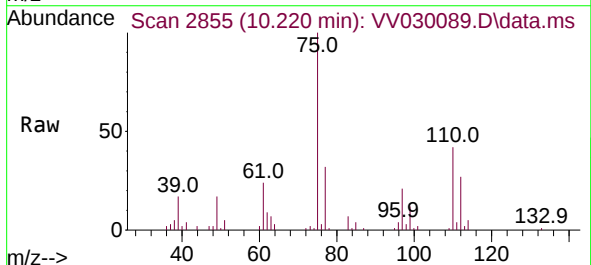
Instrument :
MSVOA_V
ClientSampleId :
VICV227

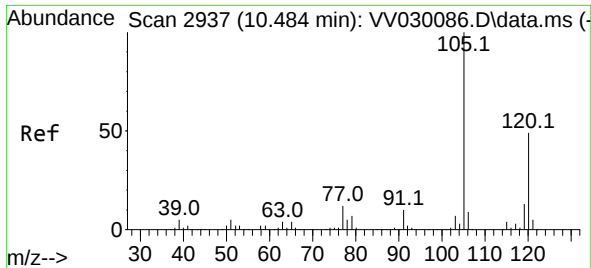
Tgt Ion:105 Resp: 314357
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 14.8 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.067 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion: 75 Resp: 34067
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7
110 42.4 31.8 47.6

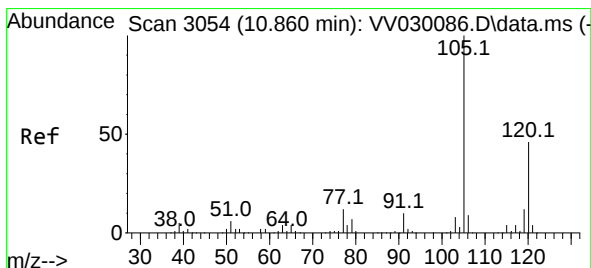
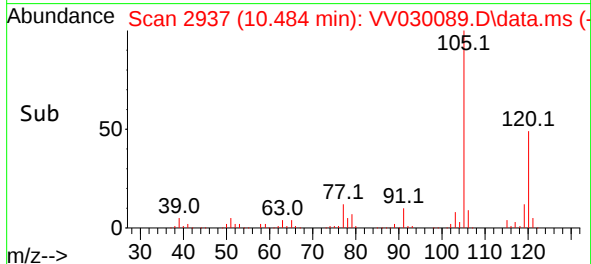
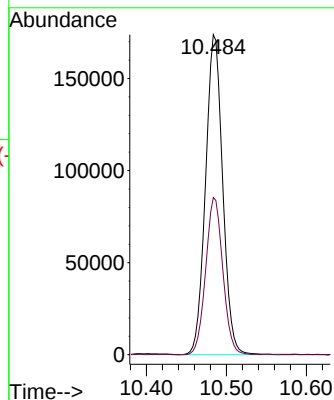
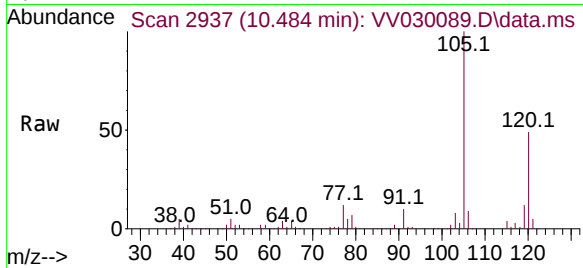




#62
 1,3,5-Trimethylbenzene
 Concen: 5.470 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

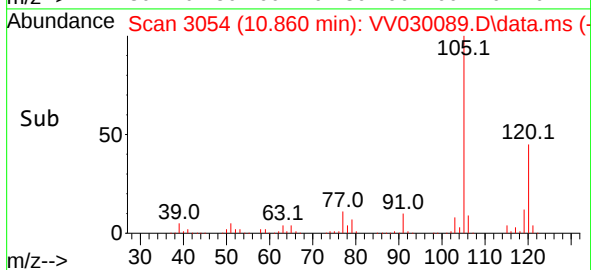
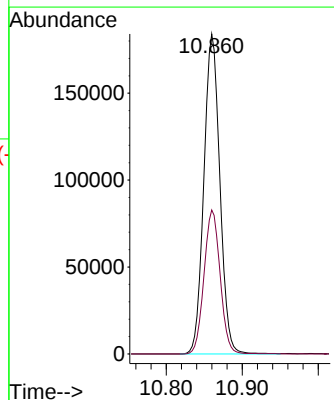
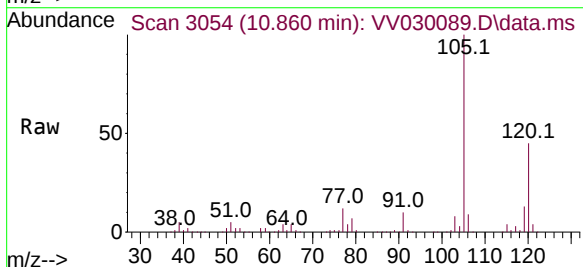
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV227

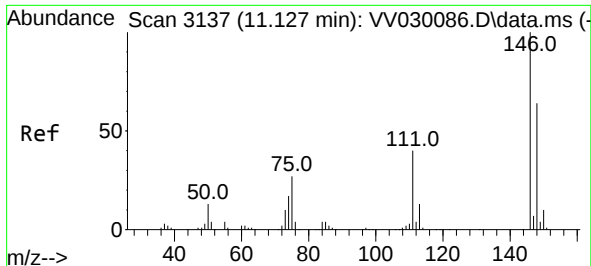
Tgt Ion:105 Resp: 259681
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.537 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

Tgt Ion:105 Resp: 268917
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.2 54.4

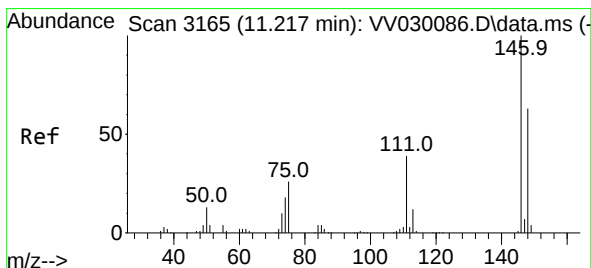
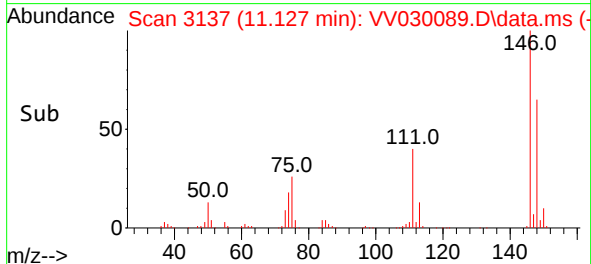
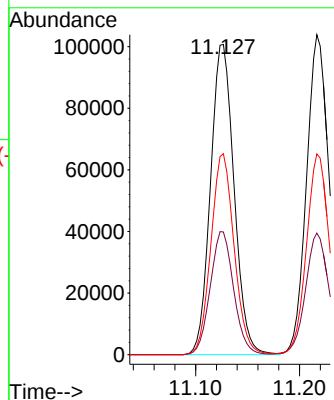
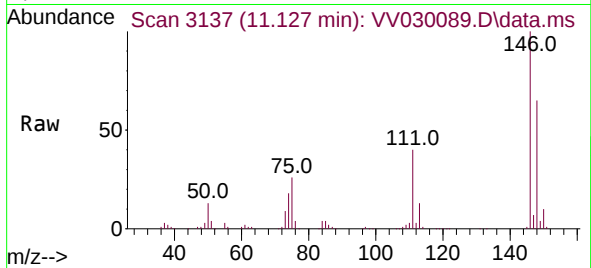




#64
1,3-Dichlorobenzene
Concen: 5.271 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

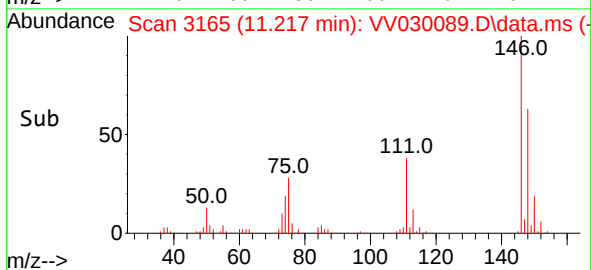
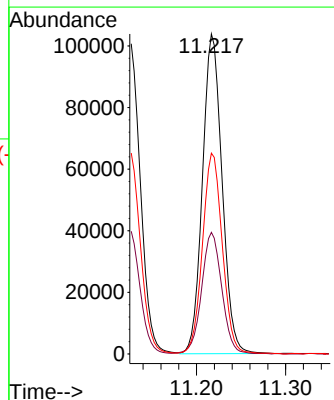
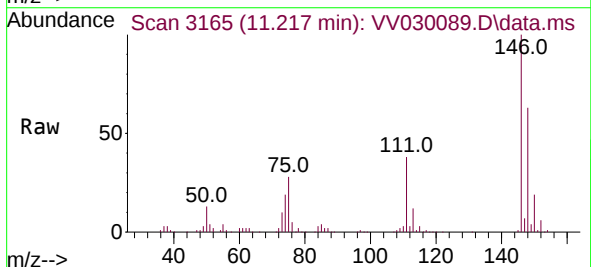
Instrument :
MSVOA_V
ClientSampleId :
VICV227

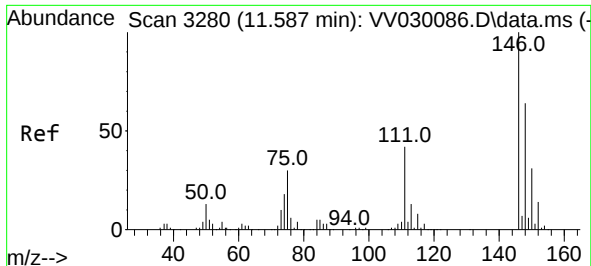
Tgt Ion:146 Resp: 158617
Ion Ratio Lower Upper
146 100
111 39.6 27.7 51.5
148 64.7 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.218 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion:146 Resp: 158435
Ion Ratio Lower Upper
146 100
111 38.0 27.4 51.0
148 62.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.337 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV227

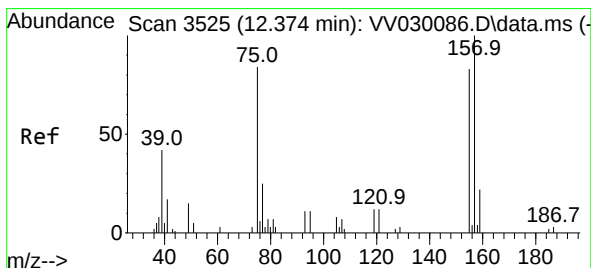
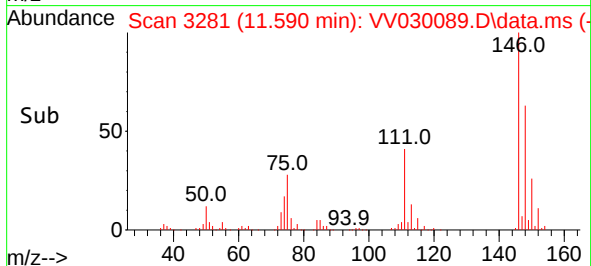
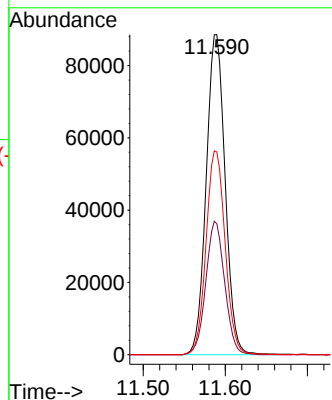
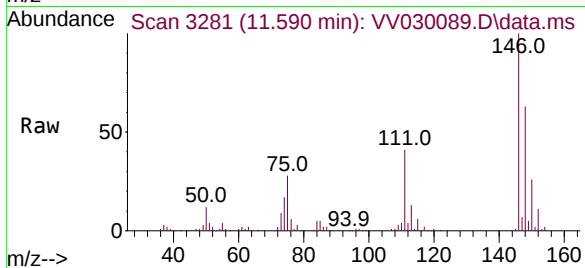
Tgt Ion:146 Resp: 141822

Ion Ratio Lower Upper

146 100

111 40.9 33.5 50.3

148 63.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.933 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. -0.000 min

Lab File: VV030089.D

Acq: 23 Feb 2023 12:30

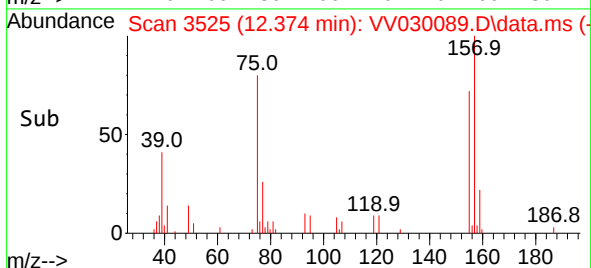
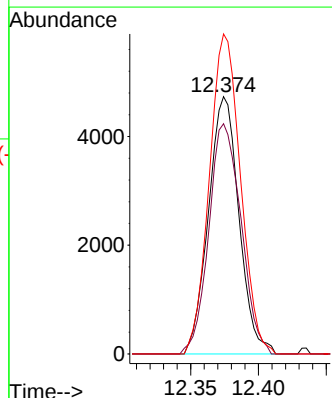
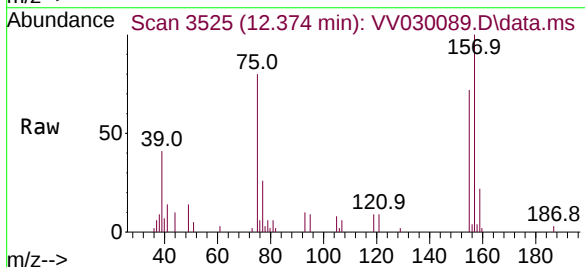
Tgt Ion: 75 Resp: 7407

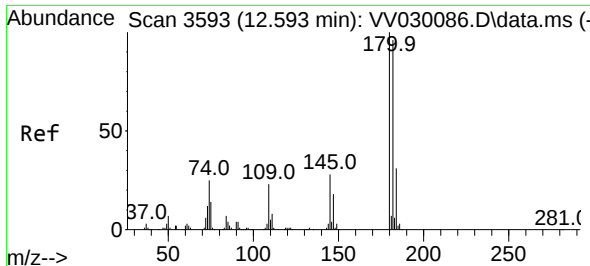
Ion Ratio Lower Upper

75 100

155 89.5 79.1 118.7

157 124.4 95.5 143.3

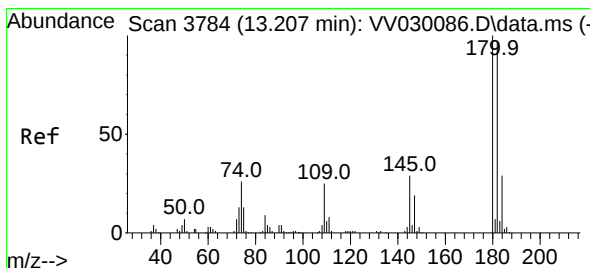
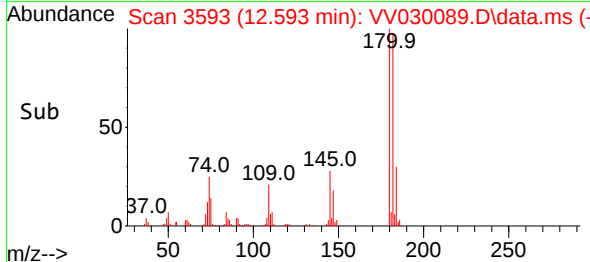
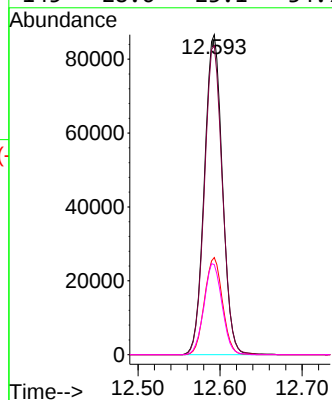
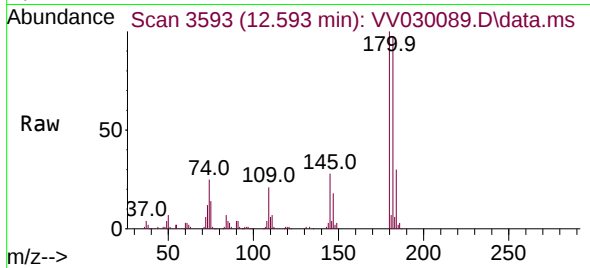




#69
 1,3,5-Trichlorobenzene
 Concen: 5.331 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

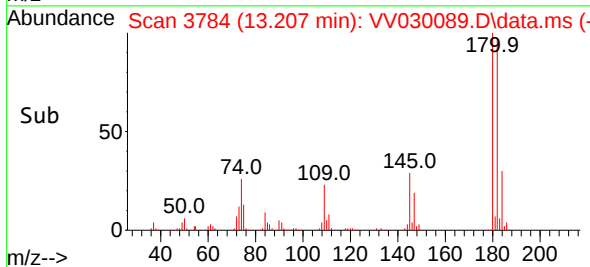
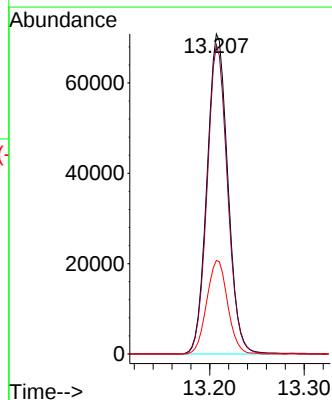
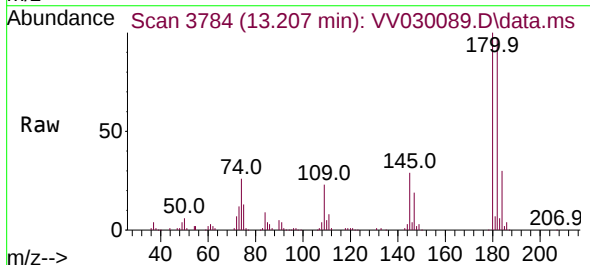
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV227

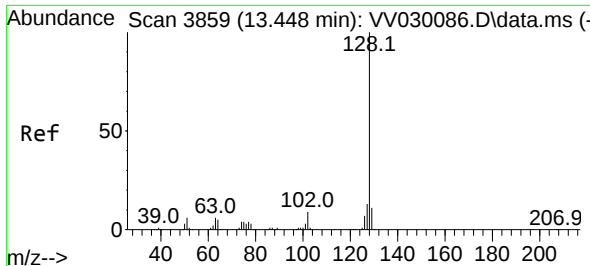
Tgt Ion:180	Resp:	131884
Ion Ratio	Lower	Upper
180	100	
182	96.6	76.5 114.7
184	30.3	24.3 36.5
145	28.6	23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.409 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030089.D
 Acq: 23 Feb 2023 12:30

Tgt Ion:180	Resp:	108401
Ion Ratio	Lower	Upper
180	100	
182	94.8	77.3 115.9
145	29.4	23.1 34.7

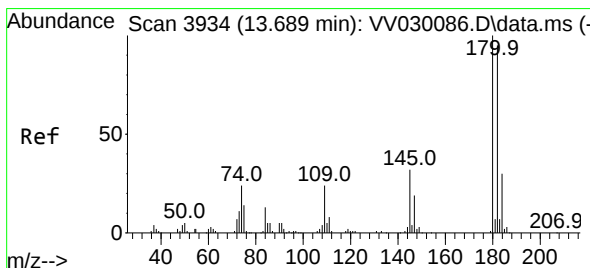
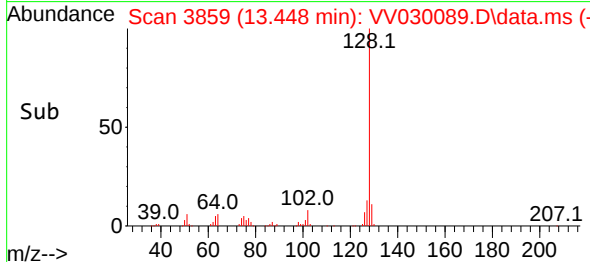
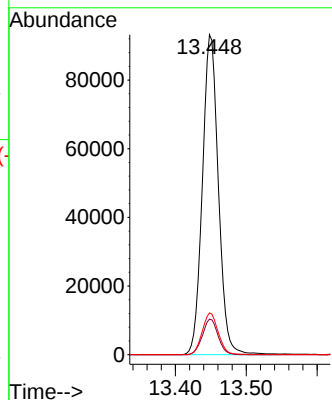
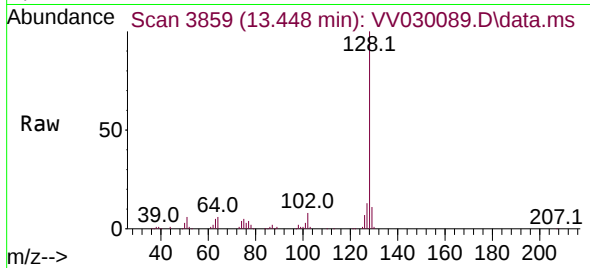




#71
Naphthalene
Concen: 5.579 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Instrument :
MSVOA_V
ClientSampleId :
VICV227

Tgt Ion:128 Resp: 146113
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.539 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030089.D
Acq: 23 Feb 2023 12:30

Tgt Ion:180 Resp: 91383
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.2
145 31.0 25.1 37.7

