

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042721\
 Data File : VW021188.D
 Acq On : 27 Apr 2021 20:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 03:33:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 28 03:28:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	678492	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	676088	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	391609	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	233341	41.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.70%		
7) Chloroethane-d5	1.571	69	177842	43.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.72%		
11) 1,1-Dichloroethene-d2	2.111	63	459002	44.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.28%		
21) 2-Butanone-d5	3.905	46	272073	99.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.94%		
24) Chloroform-d	4.352	84	460701	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.70%		
26) 1,2-Dichloroethane-d4	5.037	65	302814	47.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.86%		
32) Benzene-d6	5.053	84	822035	45.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.30%		
36) 1,2-Dichloropropane-d6	6.072	67	240619	44.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.54%		
41) Toluene-d8	7.320	98	816683	46.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.72%		
43) trans-1,3-Dichloroprop...	7.625	79	137667	46.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.74%		
47) 2-Hexanone-d5	8.091	63	217160	101.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.87%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	369877	45.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.26%		
66) 1,2-Dichlorobenzene-d4	11.632	152	362920	46.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.82%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	309515	45.18	ug/L	100
3) Chloromethane	1.243	50	259513	44.01	ug/L	99
5) Vinyl chloride	1.314	62	274155	45.42	ug/L	99
6) Bromomethane	1.526	94	188821	46.43	ug/L	99
8) Chloroethane	1.587	64	167809	47.12	ug/L	97
9) Trichlorofluoromethane	1.754	101	528218	49.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	254341	47.67	ug/L	98
12) 1,1-Dichloroethene	2.121	96	236324	48.79	ug/L	86
13) Acetone	2.201	43	219962	86.50	ug/L	65
14) Carbon disulfide	2.294	76	617927	46.51	ug/L	100
15) Methyl Acetate	2.442	43	217421	51.70	ug/L	98
16) Methylene chloride	2.510	84	247769	49.05	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	231041	49.64	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	746314	52.24	ug/L	99
19) 1,1-Dichloroethane	3.195	63	422211	50.27	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	250474	50.43	ug/L	97
22) 2-Butanone	3.986	43	306355	104.02	ug/L #	70
23) Bromochloromethane	4.252	128	144611	50.52	ug/L	99
25) Chloroform	4.381	83	491753	52.02	ug/L	99

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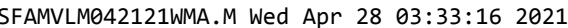
Instrument :
 MSVOA_V
 ClientSampleId :

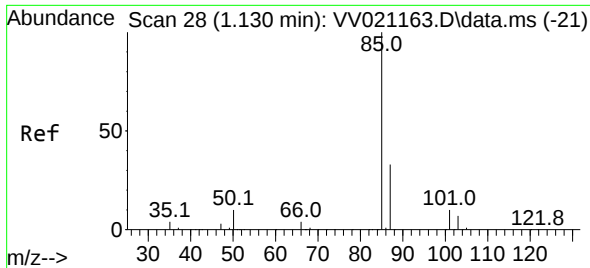
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	388182	51.58	ug/L	97
29) Cyclohexane	4.680	56	335337	48.74	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	475005	52.45	ug/L	99
31) Carbon tetrachloride	4.831	117	420856	50.31	ug/L	96
33) Benzene	5.104	78	951146	50.47	ug/L	100
34) Trichloroethene	5.918	95	266657	51.12	ug/L	97
35) Methylcyclohexane	6.137	83	377902	48.21	ug/L	100
37) 1,2-Dichloropropane	6.178	63	228473	49.35	ug/L #	96
38) Bromodichloromethane	6.513	83	366954	50.87	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	380248	50.36	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	608975	108.83	ug/L	99
42) Toluene	7.391	91	1072929	51.85	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	402545	51.52	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	254194	50.55	ug/L	99
46) Tetrachloroethene	7.979	164	235185	50.41	ug/L	97
48) 2-Hexanone	8.143	43	475343	107.87	ug/L	98
49) Dibromochloromethane	8.249	129	318199	51.38	ug/L	98
50) 1,2-Dibromoethane	8.355	107	281514	51.79	ug/L	99
51) Chlorobenzene	8.886	112	715849	50.31	ug/L	98
52) Ethylbenzene	9.018	91	1203392	52.46	ug/L	100
53) m,p-Xylene	9.143	106	452833	51.80	ug/L	98
54) o-Xylene	9.548	106	451986	52.63	ug/L	96
55) Styrene	9.564	104	793094	54.67	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	392691	49.14	ug/L	98
59) Bromoform	9.738	173	241519	50.31	ug/L	98
60) Isopropylbenzene	9.937	105	1241451	53.03	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	339452	51.41	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1059720	53.31	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	1082810	54.62	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	607044	52.06	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	615574	51.38	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	613836	50.99	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	103128	52.11	ug/L	99
69) 1,3,5-Trichlorobenzene	12.651	180	449760	49.59	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	386766	52.03	ug/L	97
71) Naphthalene	13.509	128	1139315	55.02	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	399154	52.62	ug/L	99

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

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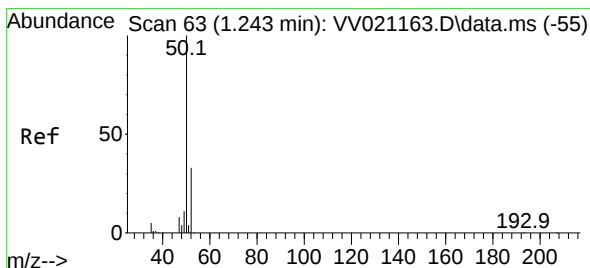
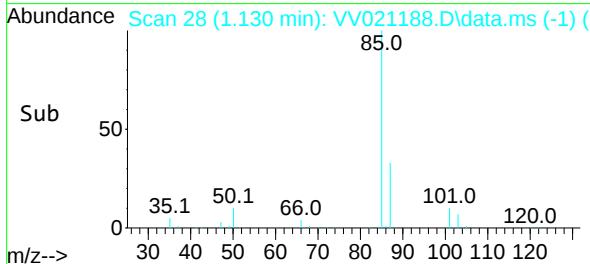
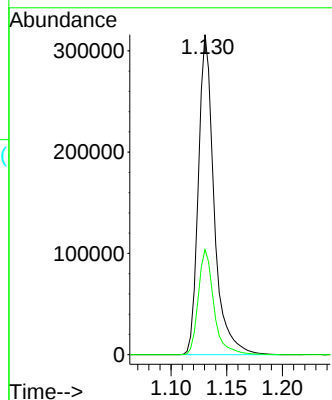
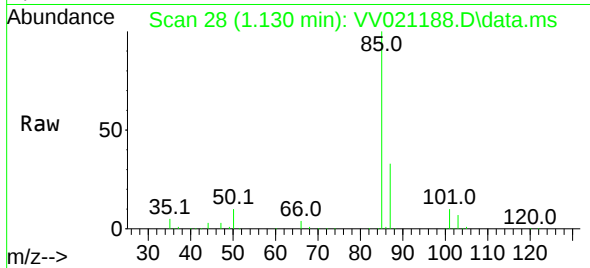




#2
 Dichlorodifluoromethane
 Concen: 45.18 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV021188.D
 Acq: 27 Apr 2021 20:59

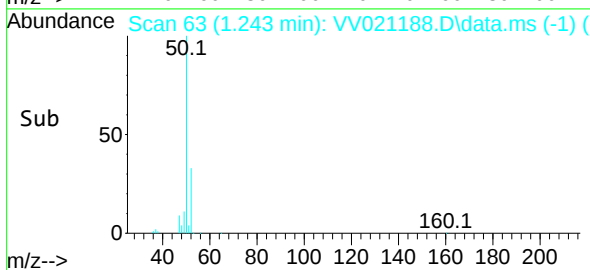
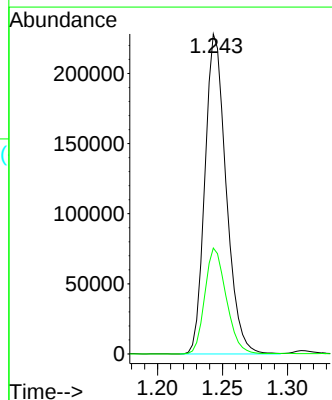
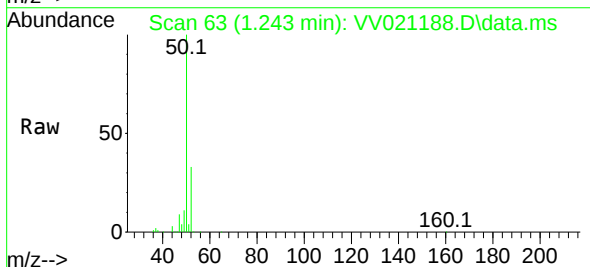
Instrument :
 MSVOA_V
 ClientSampled :

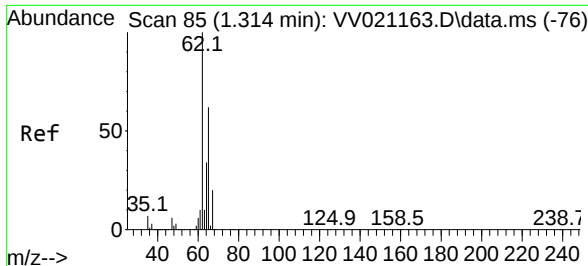
Tgt Ion: 85 Resp: 309515
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 44.01 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV021188.D
 Acq: 27 Apr 2021 20:59

Tgt Ion: 50 Resp: 259513
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.1

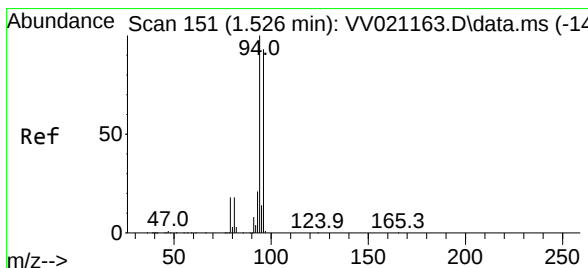
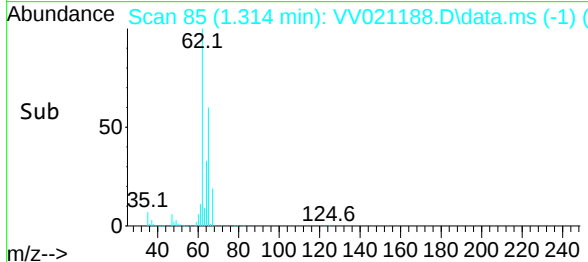
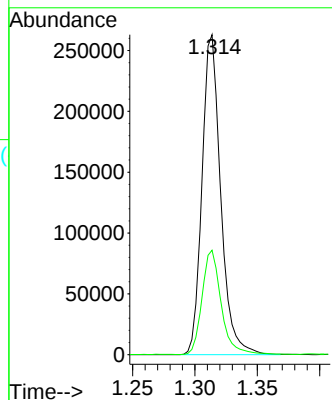
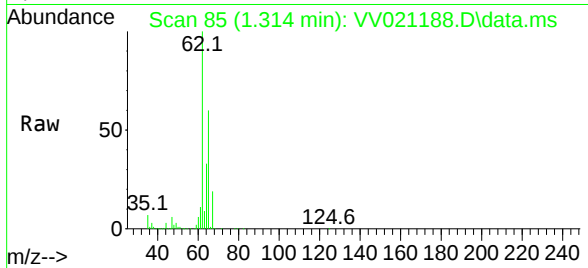




#5
 Vinyl chloride
 Concen: 45.42 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV021188.D
 Acq: 27 Apr 2021 20:59

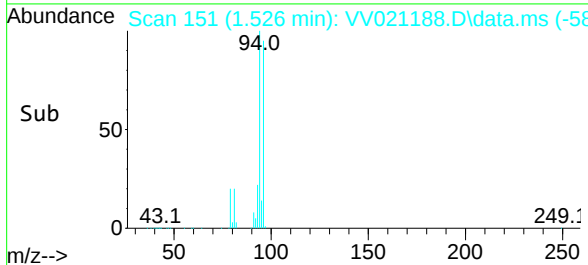
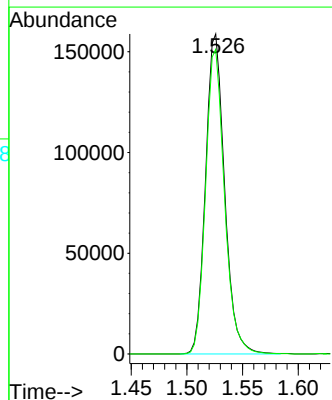
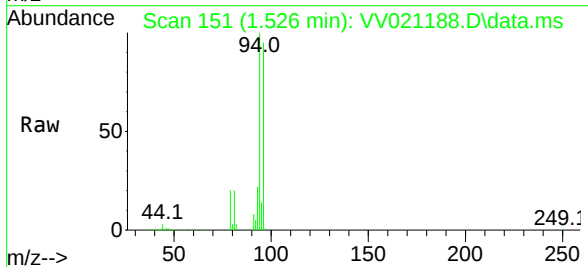
Instrument :
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 ClientSampled :

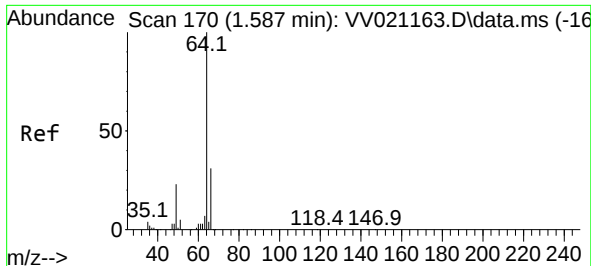
Tgt Ion: 62 Resp: 274155
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 46.43 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV021188.D
 Acq: 27 Apr 2021 20:59

Tgt Ion: 94 Resp: 188821
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.7 122.1

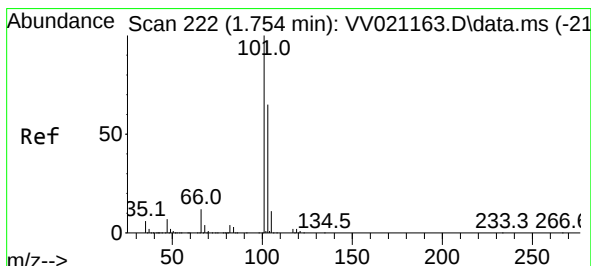
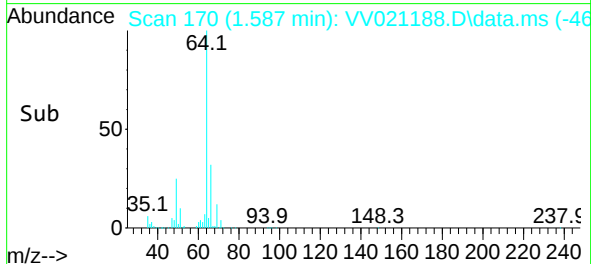
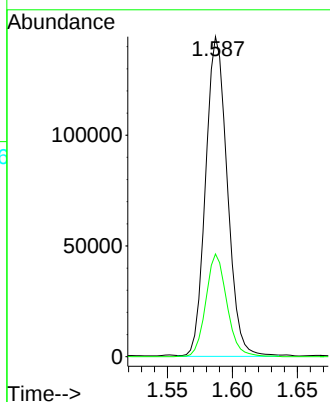
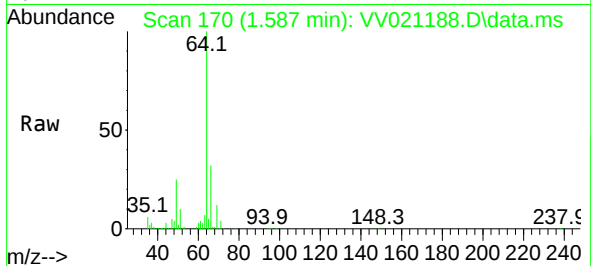




#8
Chloroethane
Concen: 47.12 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

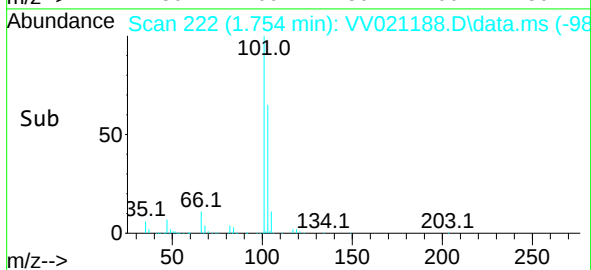
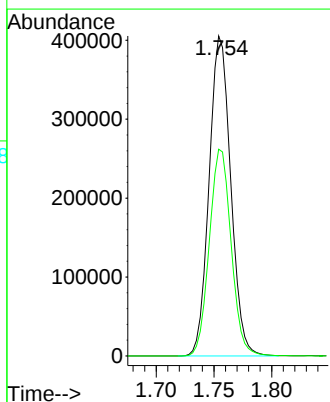
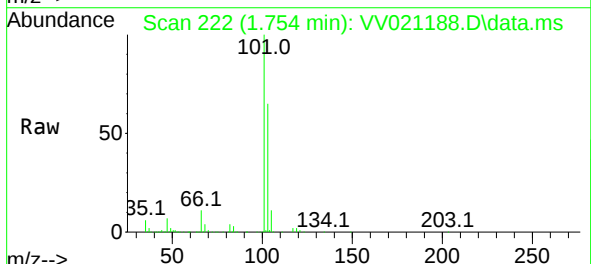
Instrument :
MSVOA_V
ClientSampled :

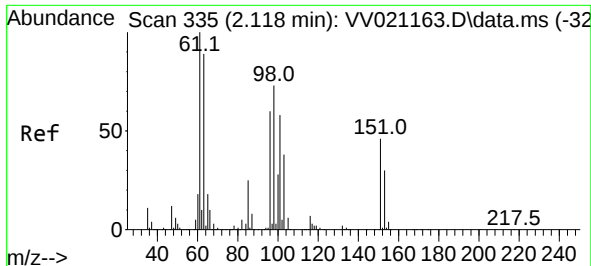
Tgt Ion: 64 Resp: 167809
Ion Ratio Lower Upper
64 100
66 32.1 23.7 43.9



#9
Trichlorofluoromethane
Concen: 49.11 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion:101 Resp: 528218
Ion Ratio Lower Upper
101 100
103 65.2 53.0 79.6





#10

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

Concen: 47.67 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV021188.D

Acq: 27 Apr 2021 20:59

Tgt Ion:101 Resp: 254341

Ion Ratio Lower Upper

101 100

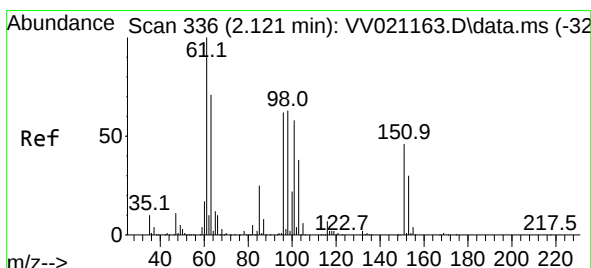
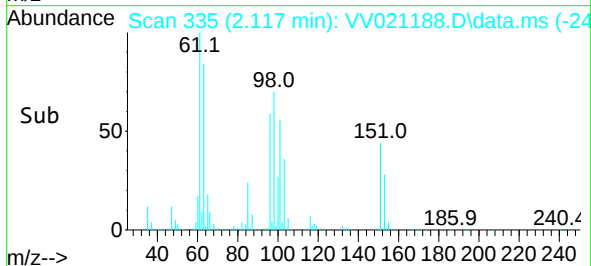
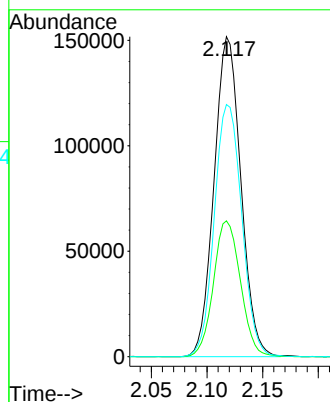
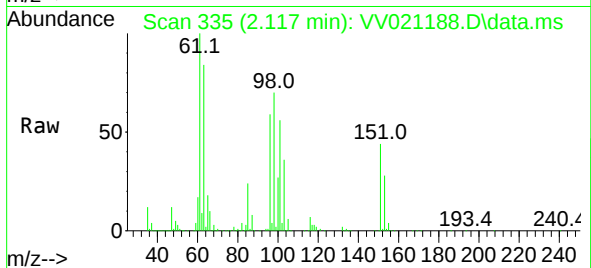
85 42.7 35.4 53.2

151 80.8 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 48.79 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV021188.D

Acq: 27 Apr 2021 20:59

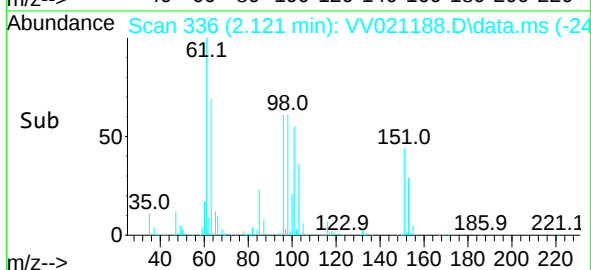
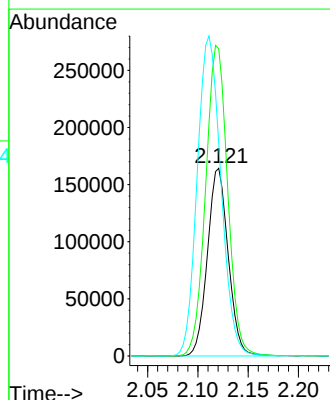
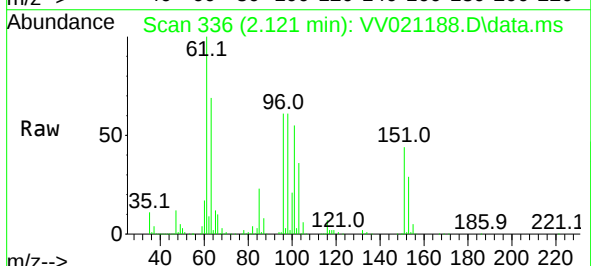
Tgt Ion: 96 Resp: 236324

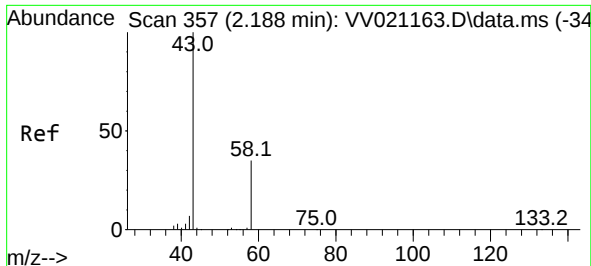
Ion Ratio Lower Upper

96 100

61 163.6 121.4 225.6

63 113.1 98.1 182.1

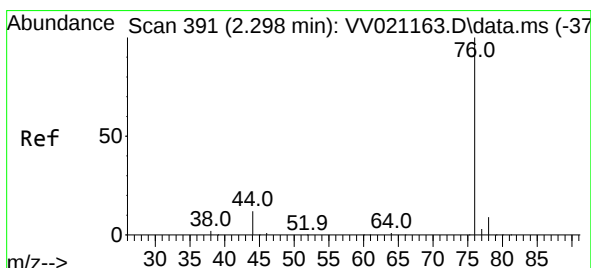
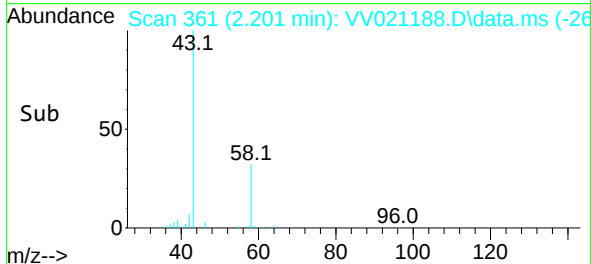
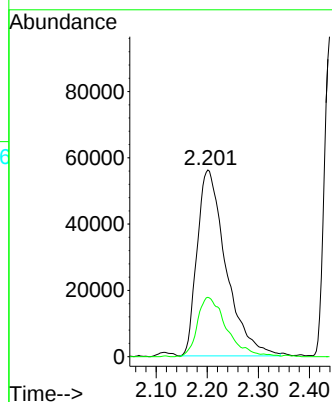
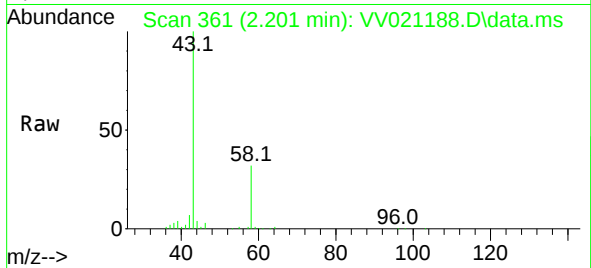




#13
Acetone
Concen: 86.50 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.013 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

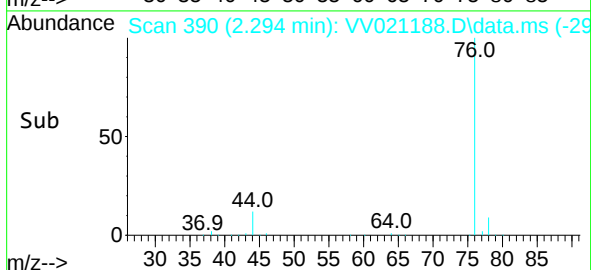
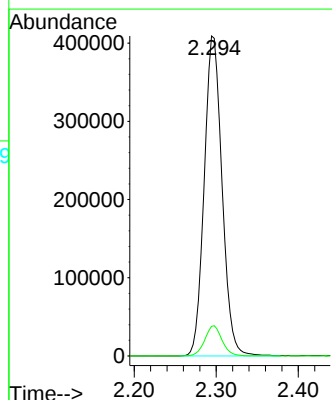
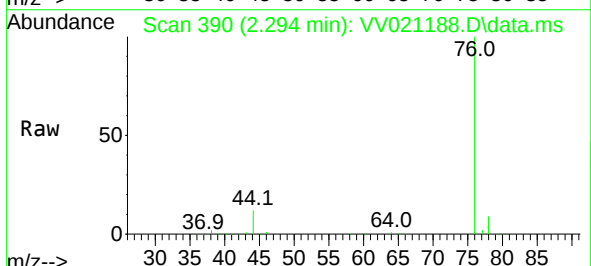
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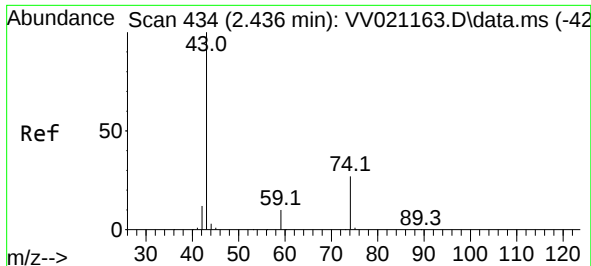
Tgt Ion: 43 Resp: 219962
Ion Ratio Lower Upper
43 100
58 30.1 0.0 30.8



#14
Carbon disulfide
Concen: 46.51 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 76 Resp: 617927
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

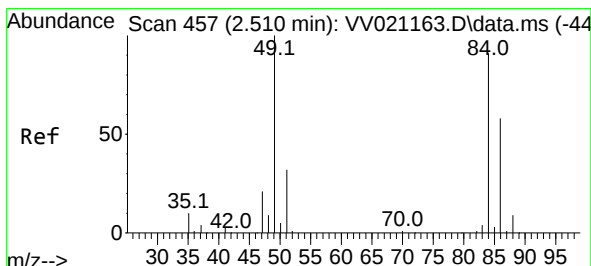
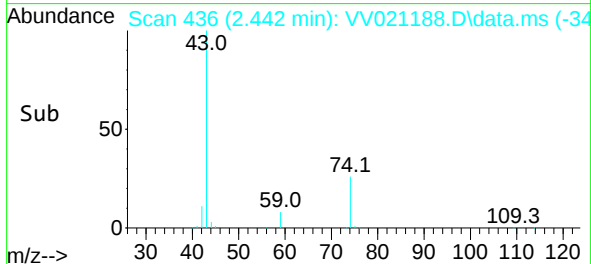
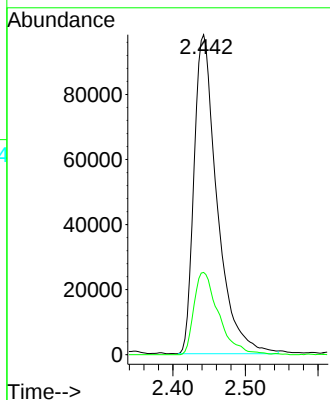
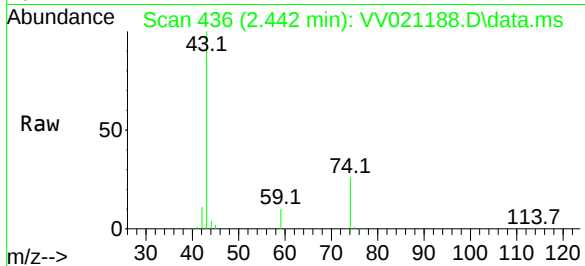




#15
Methyl Acetate
Concen: 51.70 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.006 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

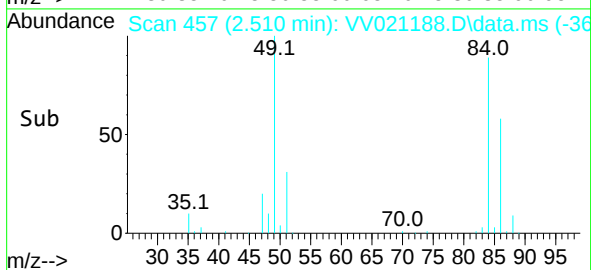
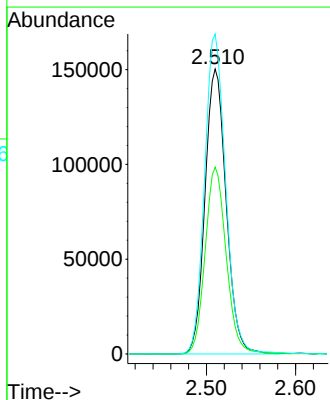
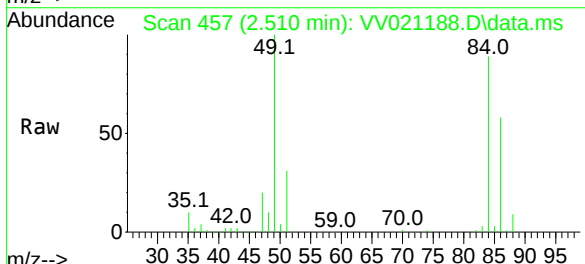
Instrument :
MSVOA_V
ClientSampled :

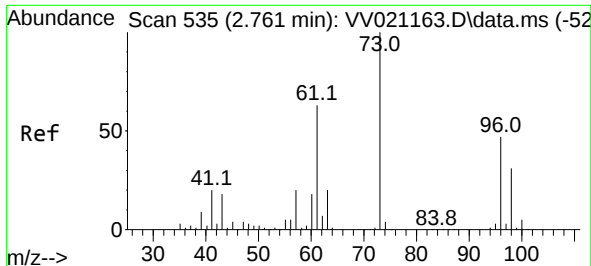
Tgt Ion: 43 Resp: 217421
Ion Ratio Lower Upper
43 100
74 27.6 21.2 31.8



#16
Methylene chloride
Concen: 49.05 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 84 Resp: 247769
Ion Ratio Lower Upper
84 100
86 65.6 44.9 83.5
49 112.3 78.1 145.1

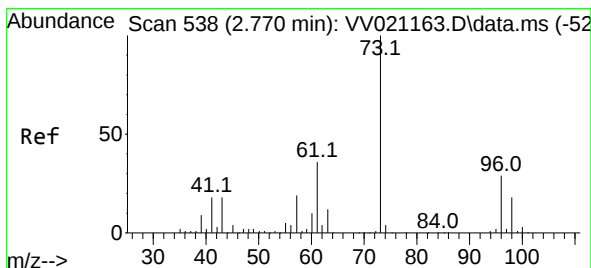
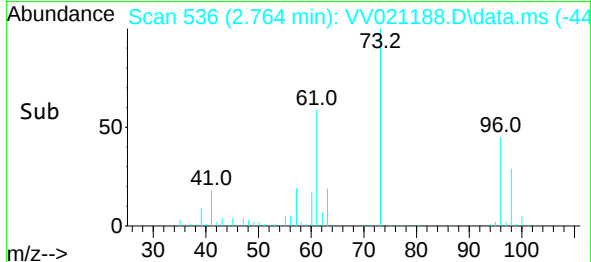
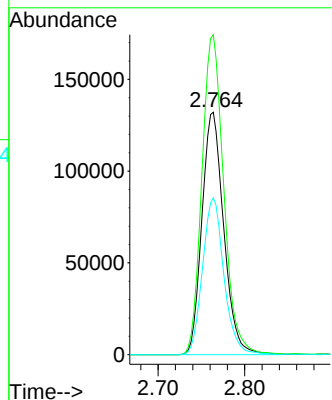
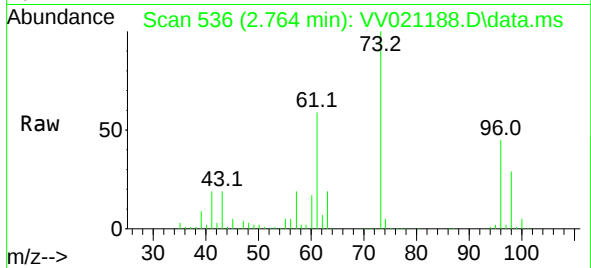




#17
trans-1,2-Dichloroethene
Concen: 49.64 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

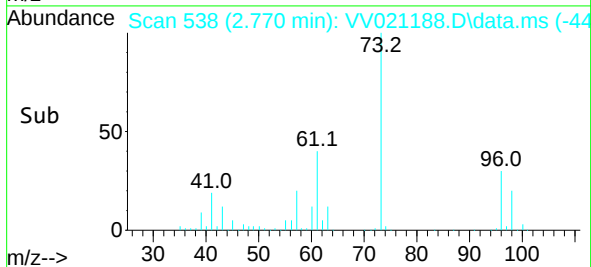
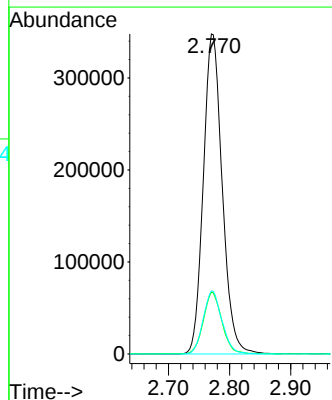
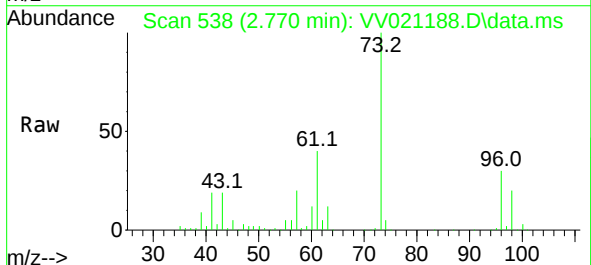
Instrument :
MSVOA_V
ClientSampled :

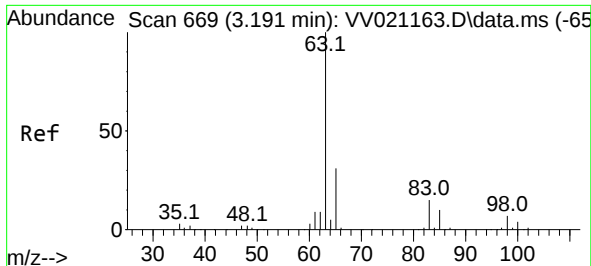
Tgt Ion: 96 Resp: 231041
Ion Ratio Lower Upper
96 100
61 132.0 89.3 165.9
98 64.7 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 52.24 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 73 Resp: 746314
Ion Ratio Lower Upper
73 100
43 18.6 14.7 22.1
57 19.5 15.9 23.9





#19

1,1-Dichloroethane

Concen: 50.27 ug/L

RT: 3.195 min Scan# 670

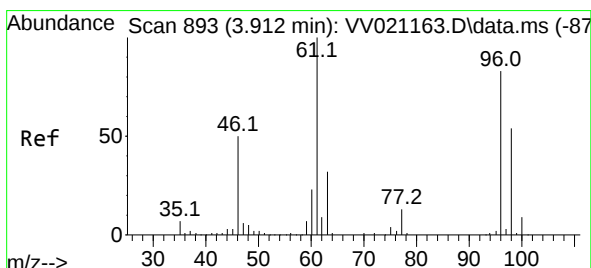
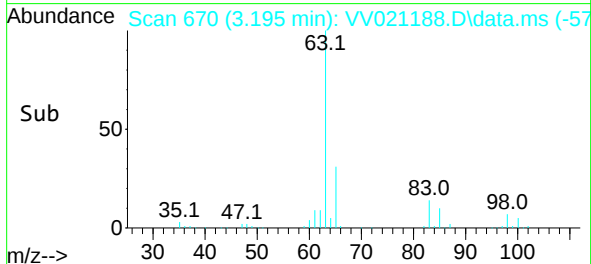
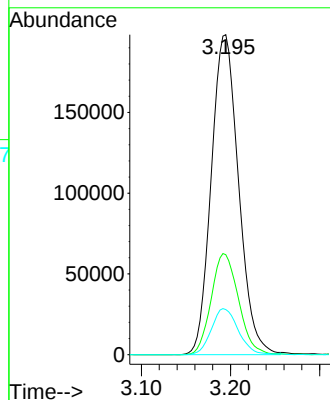
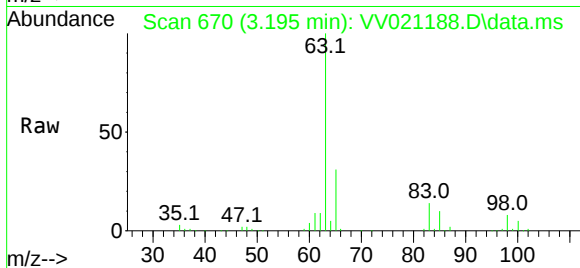
Delta R.T. 0.003 min

Lab File: VV021188.D

Acq: 27 Apr 2021 20:59

Tgt Ion: 63 Resp: 422211

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.9	40.7
83	14.1	10.6	19.6



#20

cis-1,2-Dichloroethene

Concen: 50.43 ug/L

RT: 3.915 min Scan# 894

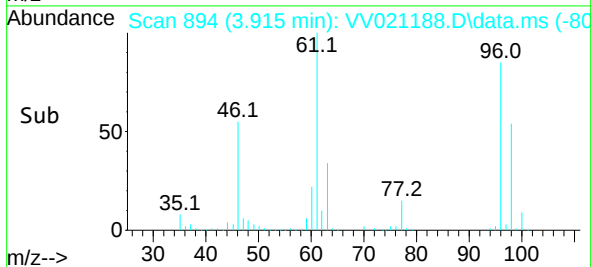
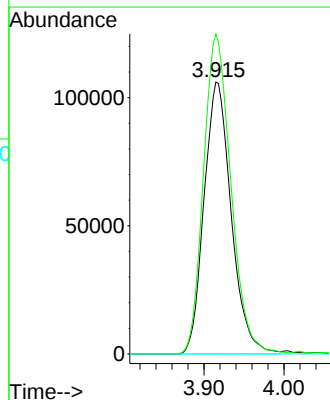
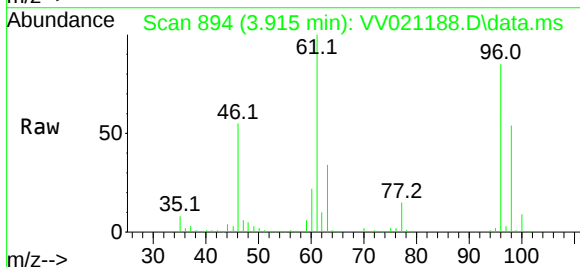
Delta R.T. 0.003 min

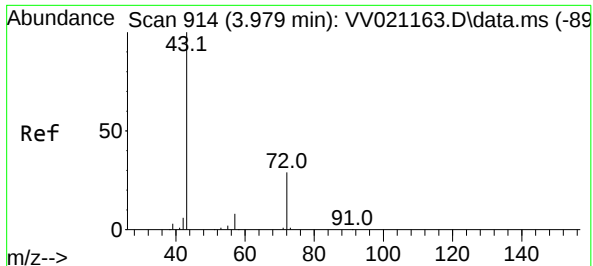
Lab File: VV021188.D

Acq: 27 Apr 2021 20:59

Tgt Ion: 96 Resp: 250474

Ion	Ratio	Lower	Upper
96	100		
61	117.7	84.4	156.7
68	0.0	0.0	0.0

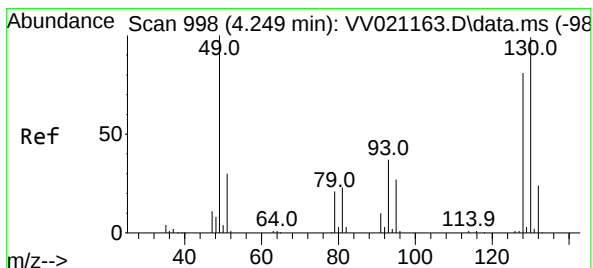
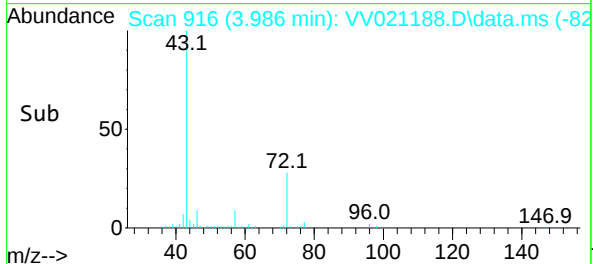
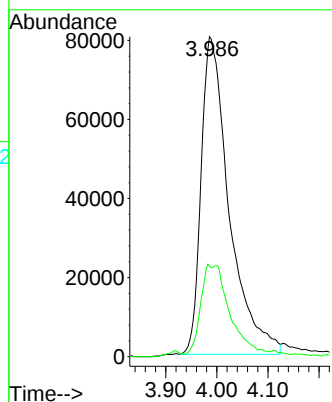
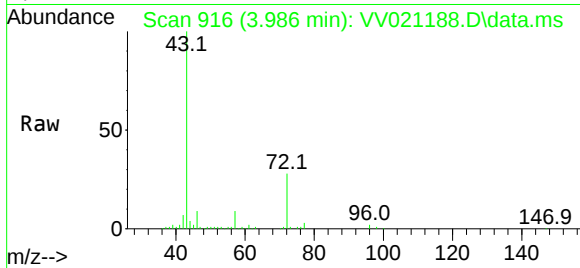




#22
2-Butanone
Concen: 104.02 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.006 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

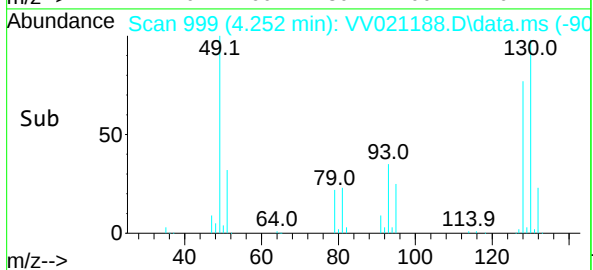
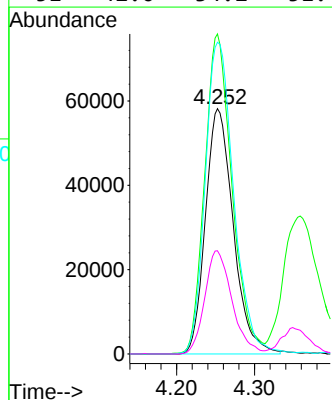
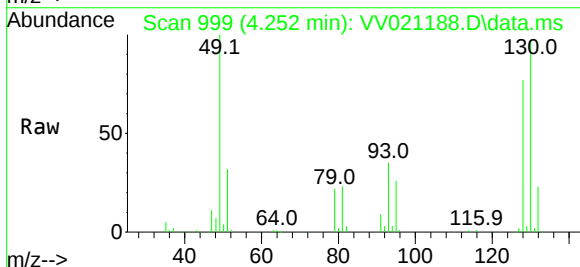
Instrument :
MSVOA_V
ClientSampled :

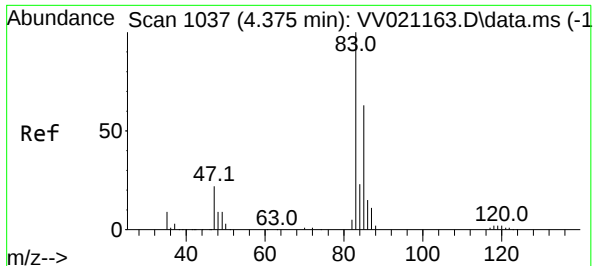
Tgt Ion: 43 Resp: 306355
Ion Ratio Lower Upper
43 100
72 10.8 13.2 39.6#



#23
Bromochloromethane
Concen: 50.52 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion:128 Resp: 144611
Ion Ratio Lower Upper
128 100
49 130.4 91.3 169.6
130 127.1 86.8 161.2
51 42.0 34.2 51.4





#25

Chloroform

Concen: 52.02 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV021188.D

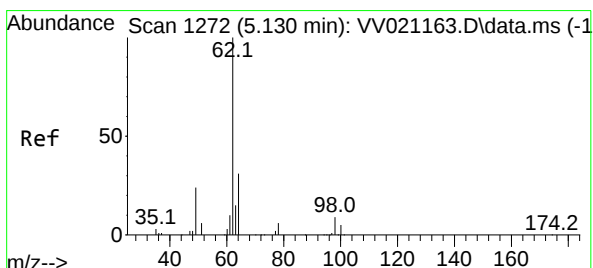
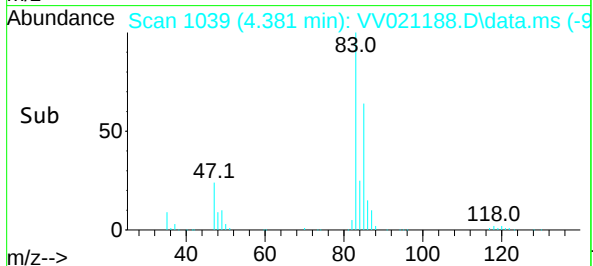
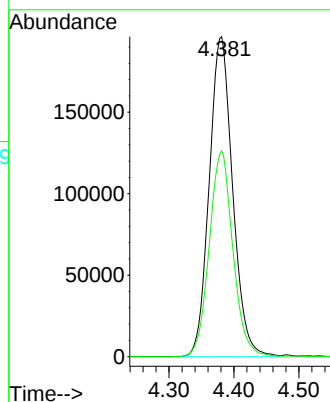
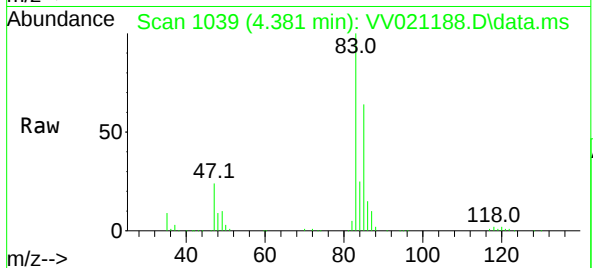
Acq: 27 Apr 2021 20:59

Tgt Ion: 83 Resp: 491753

Ion Ratio Lower Upper

83 100

85 64.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 51.58 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV021188.D

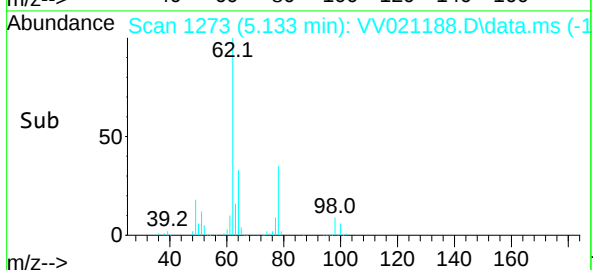
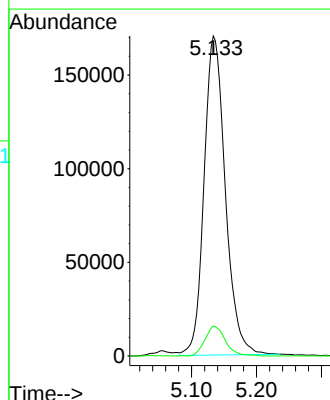
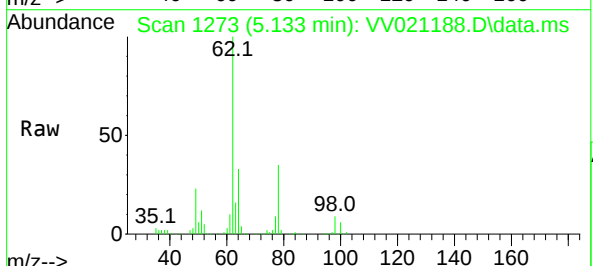
Acq: 27 Apr 2021 20:59

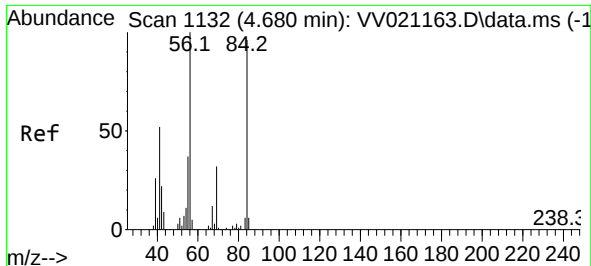
Tgt Ion: 62 Resp: 388182

Ion Ratio Lower Upper

62 100

98 9.3 6.7 10.1





#29

Cyclohexane

Concen: 48.74 ug/L

RT: 4.680 min Scan# 1132

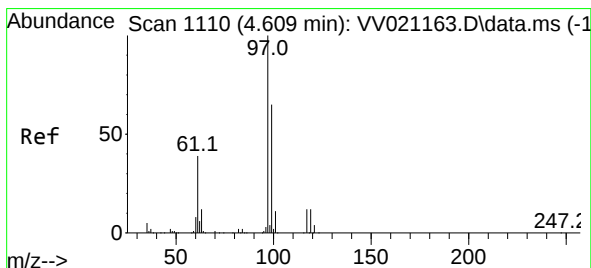
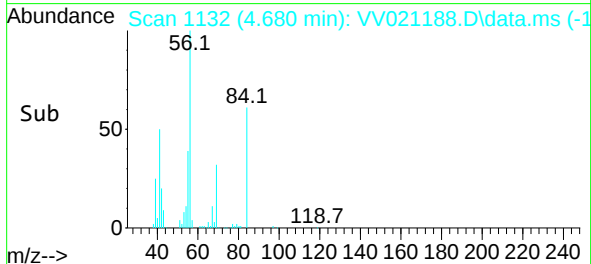
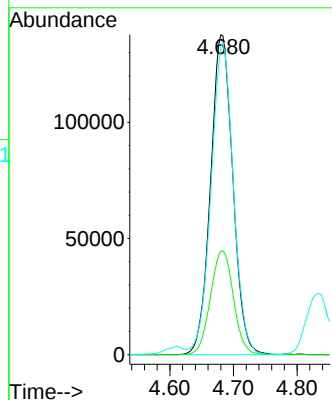
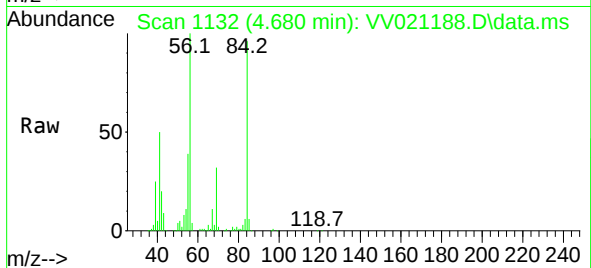
Delta R.T. -0.000 min

Lab File: VV021188.D

Acq: 27 Apr 2021 20:59

Tgt Ion: 56 Resp: 335337

Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.7	38.5
84	96.9	75.7	113.5



#30

1,1,1-Trichloroethane

Concen: 52.45 ug/L

RT: 4.613 min Scan# 1111

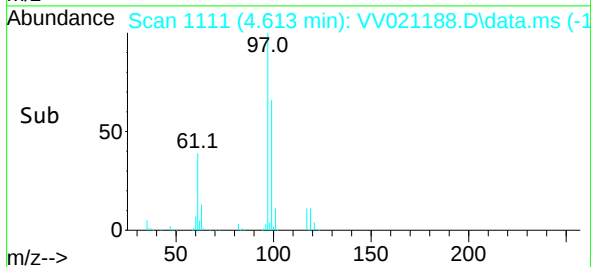
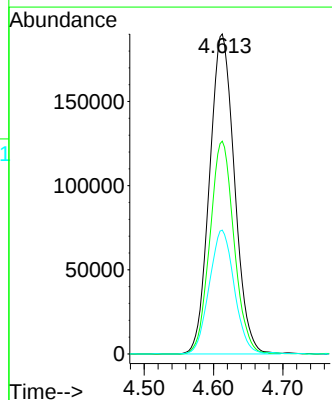
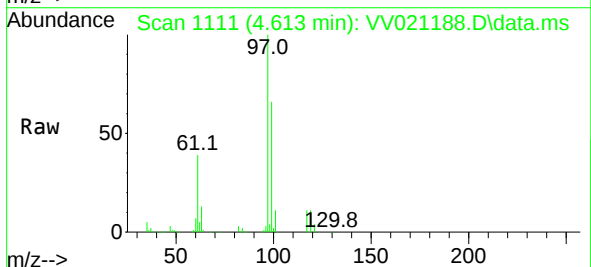
Delta R.T. 0.003 min

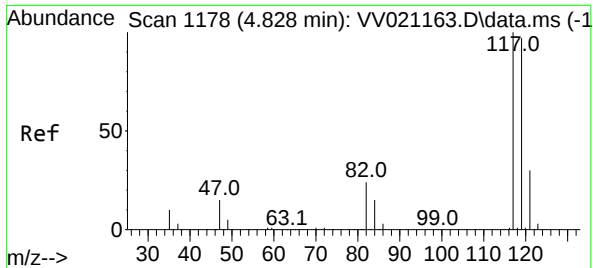
Lab File: VV021188.D

Acq: 27 Apr 2021 20:59

Tgt Ion: 97 Resp: 475005

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	38.8	32.1	48.1

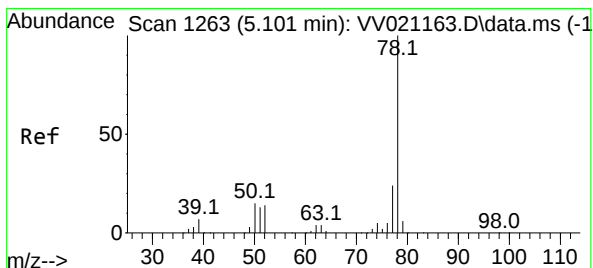
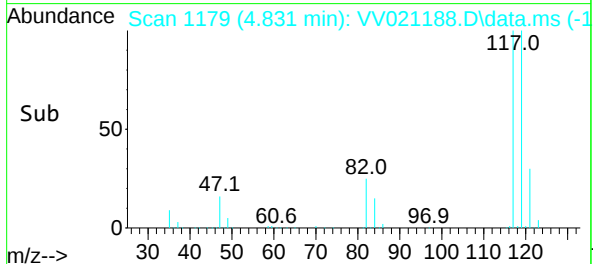
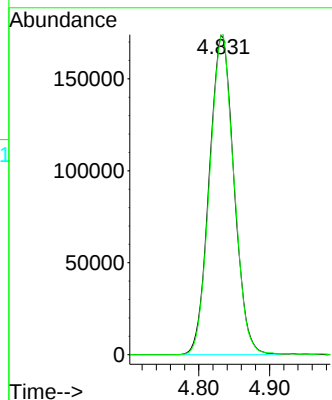
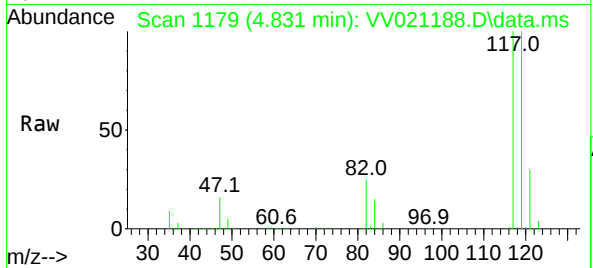




#31
Carbon tetrachloride
Concen: 50.31 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

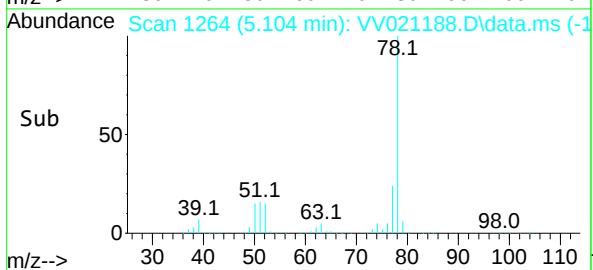
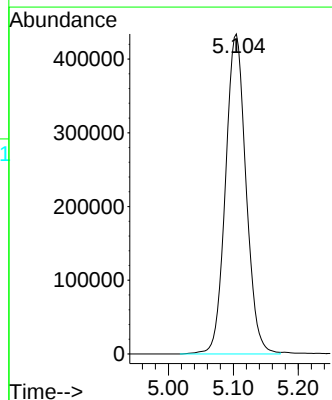
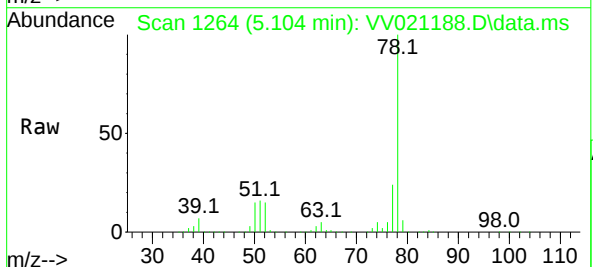
Instrument :
MSVOA_V
ClientSampled :

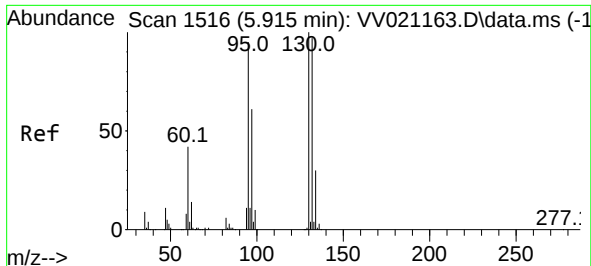
Tgt Ion:117 Resp: 420856
Ion Ratio Lower Upper
117 100
119 98.2 75.4 113.2



#33
Benzene
Concen: 50.47 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

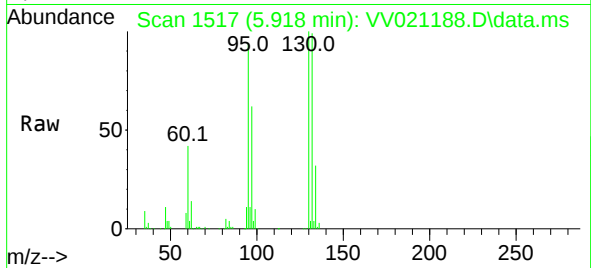
Tgt Ion: 78 Resp: 951146





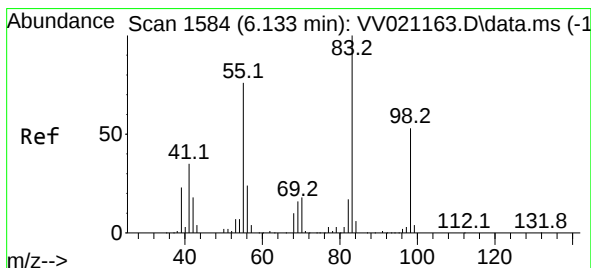
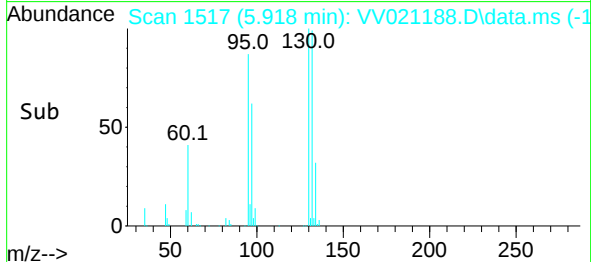
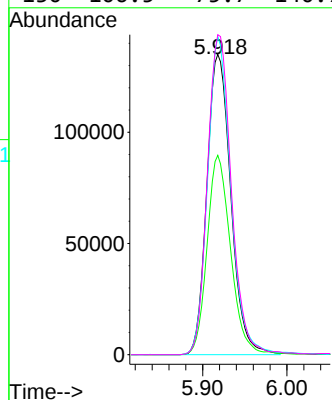
#34
Trichloroethene
Concen: 51.12 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 95 Resp: 266657

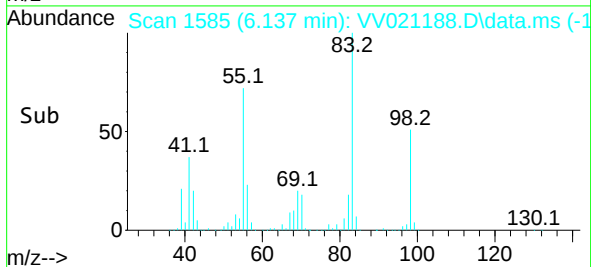
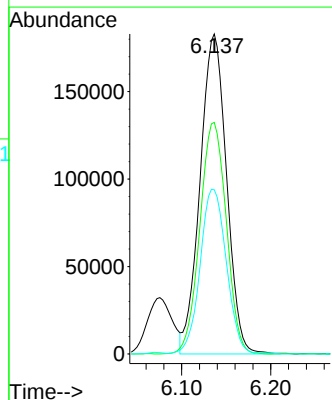
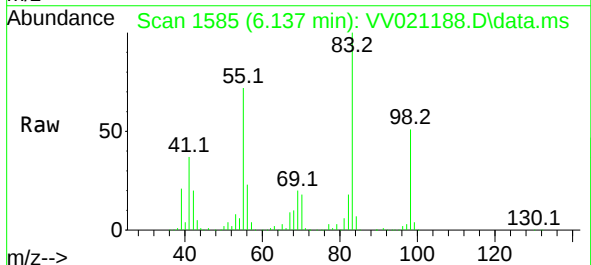
Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.5	84.5
132	105.9	71.0	131.8
130	106.5	75.7	140.7

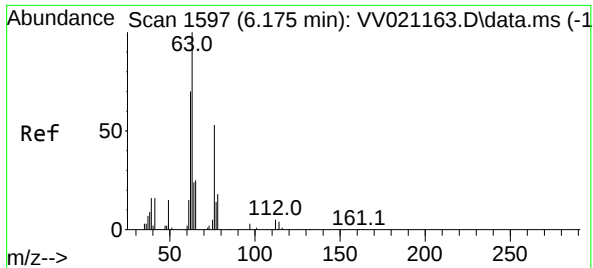


#35
Methylcyclohexane
Concen: 48.21 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 83 Resp: 377902

Ion	Ratio	Lower	Upper
83	100		
55	72.3	58.2	87.2
98	50.6	40.6	60.8

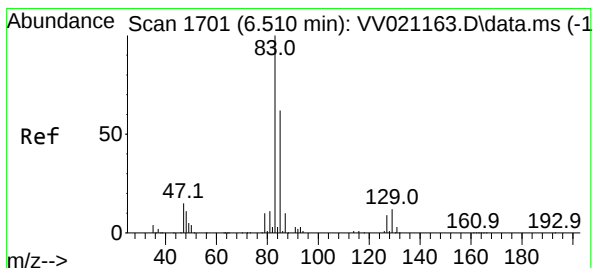
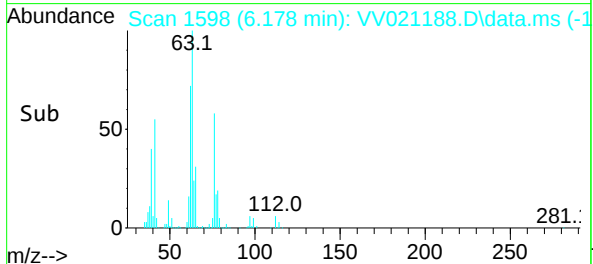
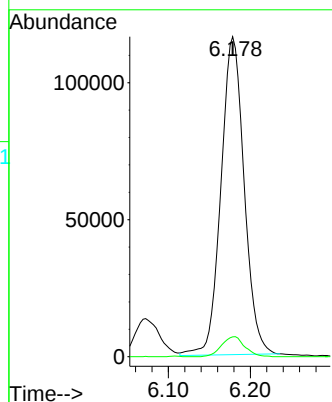
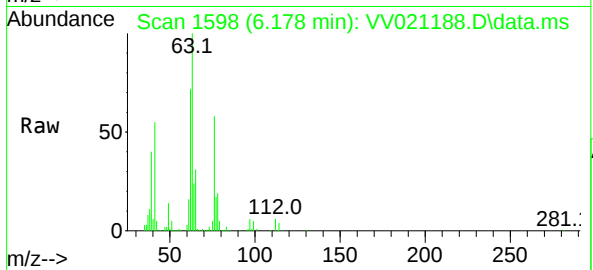




#37
1,2-Dichloropropane
Concen: 49.35 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

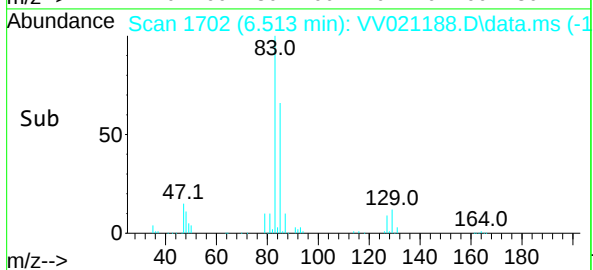
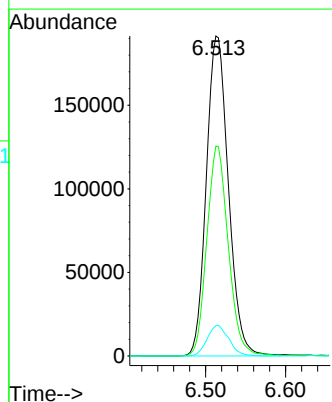
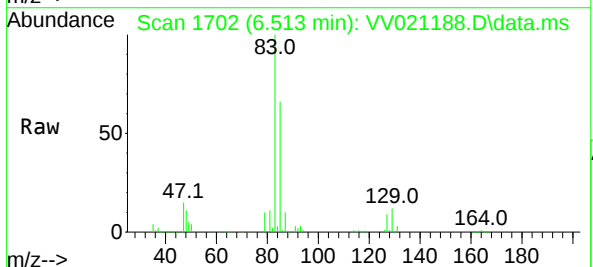
Instrument :
MSVOA_V
ClientSampled :

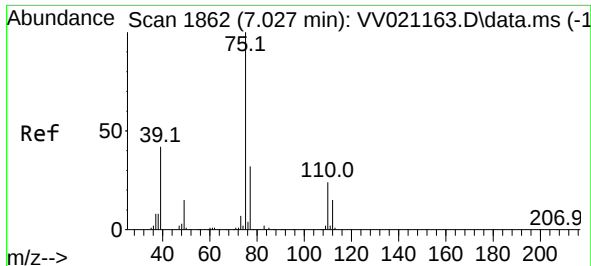
Tgt Ion: 63 Resp: 228473
Ion Ratio Lower Upper
63 100
112 6.3 3.9 5.9#



#38
Bromodichloromethane
Concen: 50.87 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 83 Resp: 366954
Ion Ratio Lower Upper
83 100
85 65.6 46.2 85.8
127 9.5 7.4 11.0

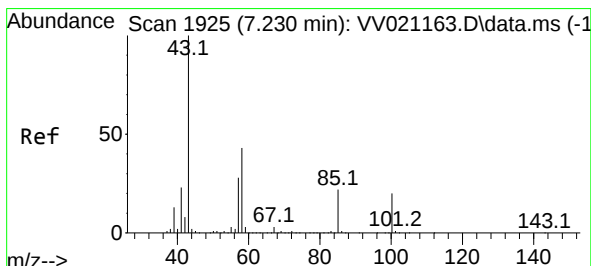
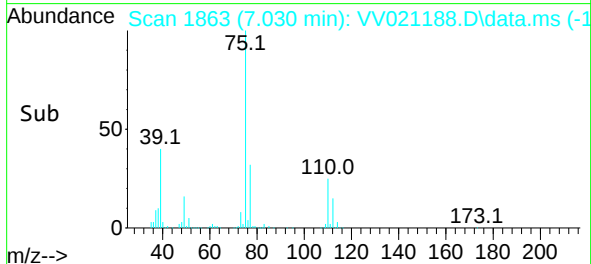
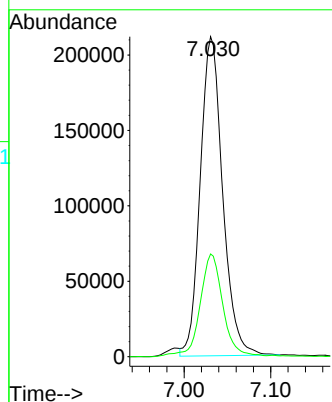
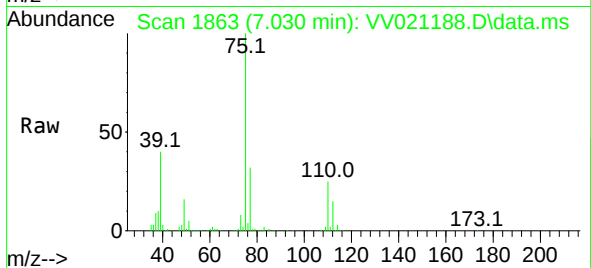




#39
 cis-1,3-Dichloropropene
 Concen: 50.36 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021188.D
 Acq: 27 Apr 2021 20:59

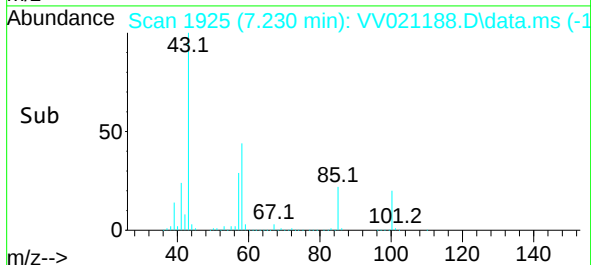
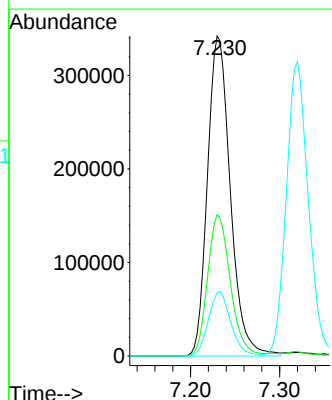
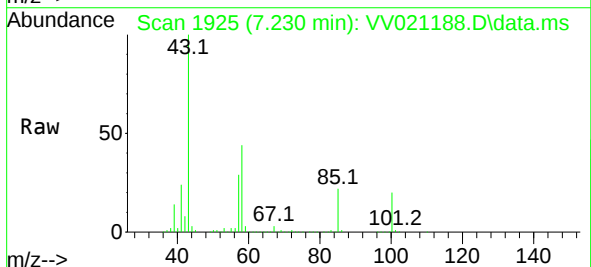
Instrument :
 MSVOA_V
 ClientSampled :

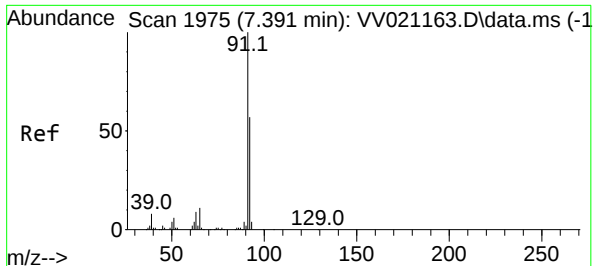
Tgt Ion: 75 Resp: 380248
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 108.83 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VV021188.D
 Acq: 27 Apr 2021 20:59

Tgt Ion: 43 Resp: 608975
 Ion Ratio Lower Upper
 43 100
 58 43.9 34.5 51.7
 100 19.7 15.2 22.8





#42

Toluene

Concen: 51.85 ug/L

RT: 7.391 min Scan# 1975

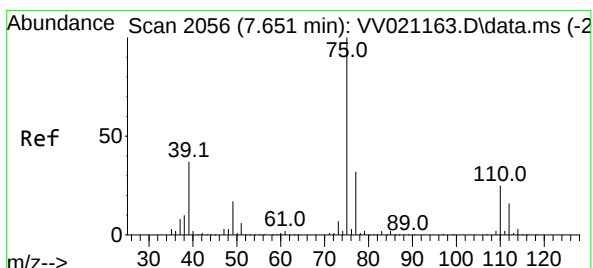
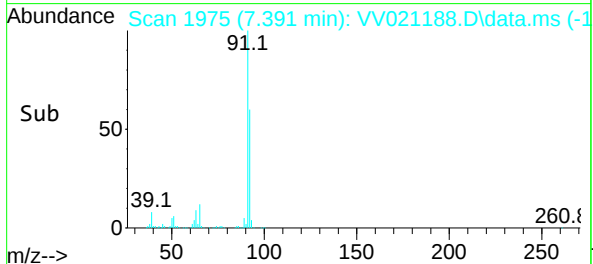
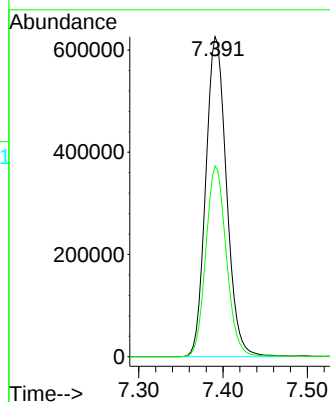
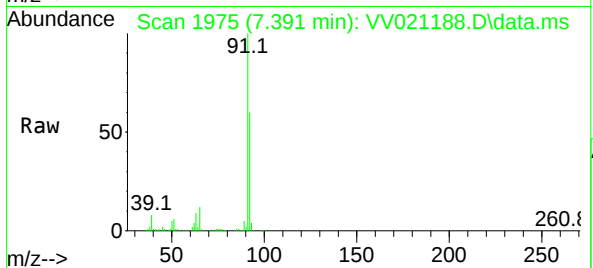
Delta R.T. -0.000 min

Lab File: VV021188.D

Acq: 27 Apr 2021 20:59

Tgt Ion: 91 Resp: 1072929

Ion	Ratio	Lower	Upper
91	100		
92	59.6	41.0	76.2



#44

trans-1,3-Dichloropropene

Concen: 51.52 ug/L

RT: 7.654 min Scan# 2057

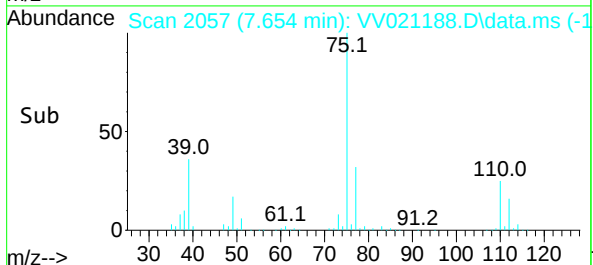
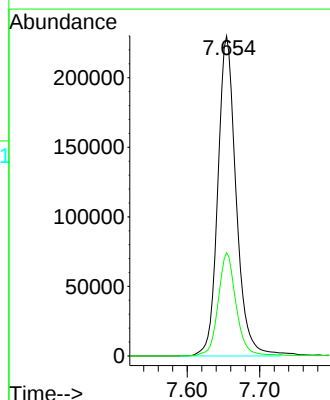
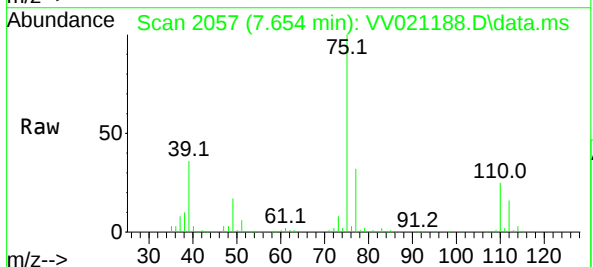
Delta R.T. 0.003 min

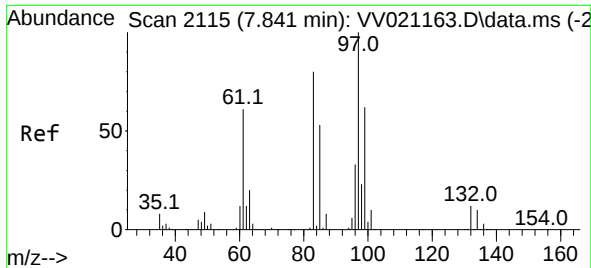
Lab File: VV021188.D

Acq: 27 Apr 2021 20:59

Tgt Ion: 75 Resp: 402545

Ion	Ratio	Lower	Upper
75	100		
77	32.3	21.8	40.6



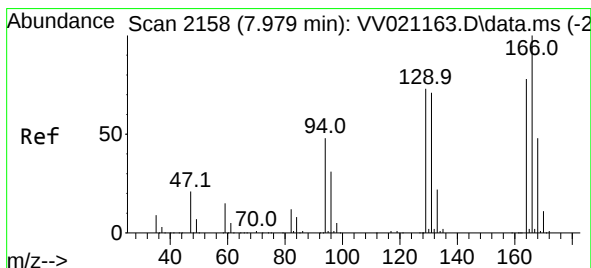
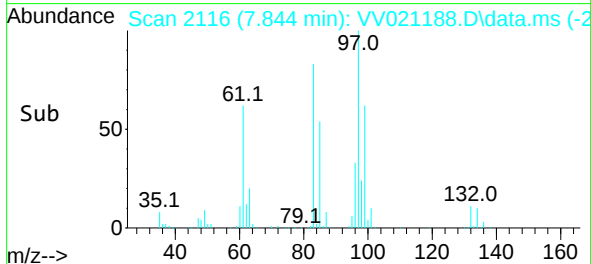
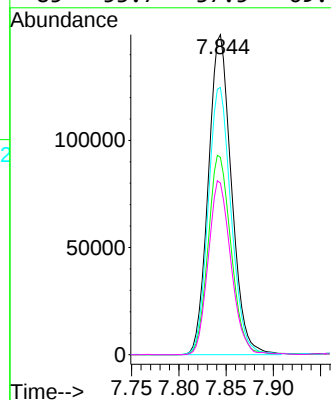
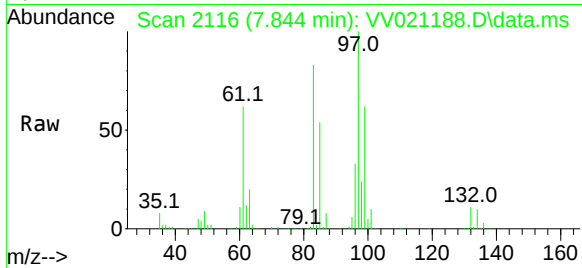


#45
1,1,2-Trichloroethane
Concen: 50.55 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 254194

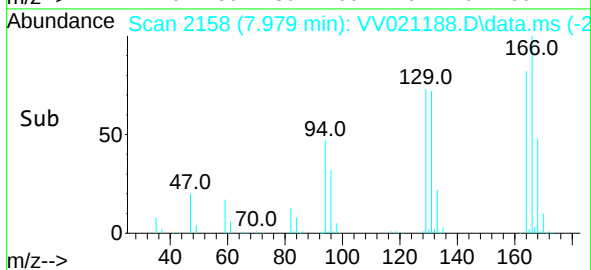
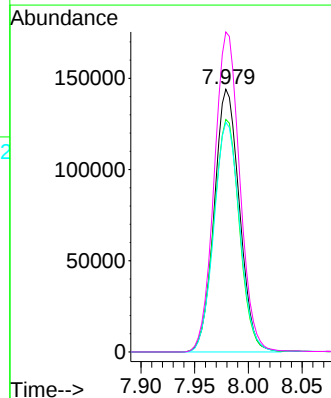
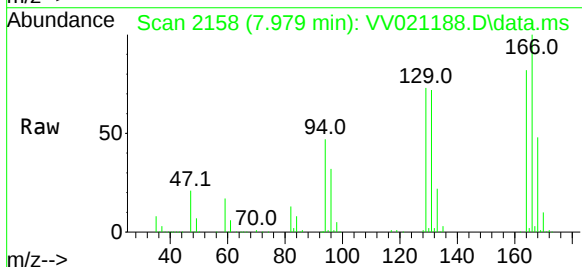
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.7	81.1
83	83.5	59.6	110.6
85	53.7	37.5	69.6

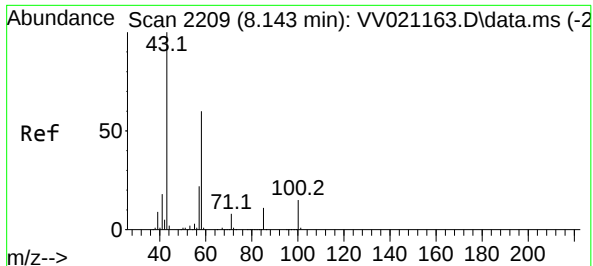


#46
Tetrachloroethene
Concen: 50.41 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 164 Resp: 235185

Ion	Ratio	Lower	Upper
164	100		
129	88.5	63.8	118.4
131	87.4	59.3	110.1
166	121.8	87.7	162.9



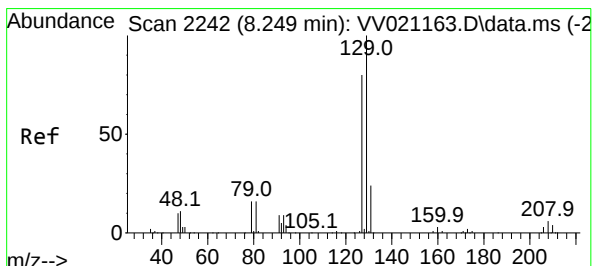
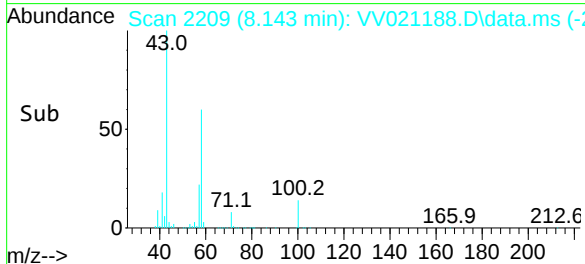
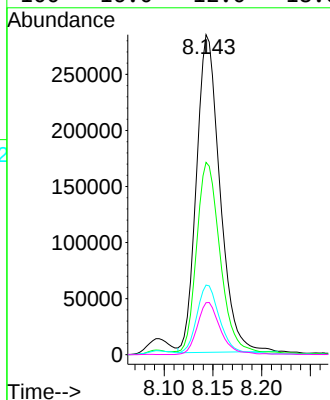
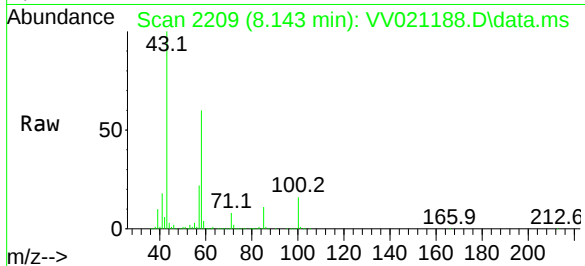


#48
2-Hexanone
Concen: 107.87 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 475343

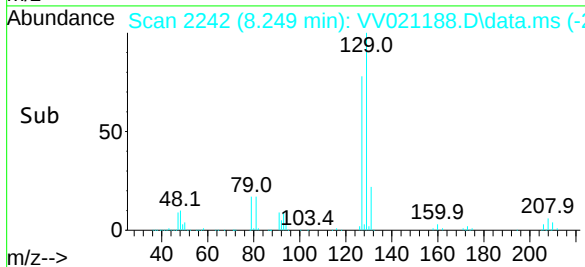
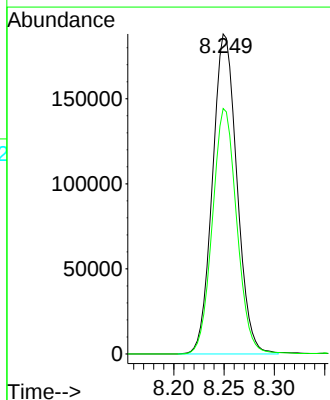
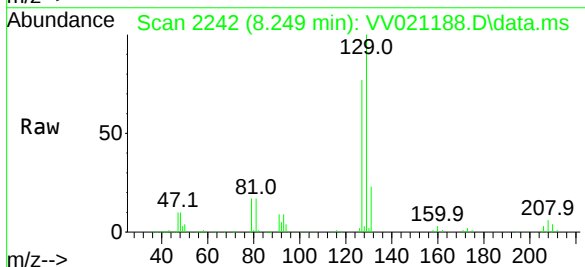
Ion	Ratio	Lower	Upper
43	100		
58	59.6	46.8	70.2
57	20.6	17.6	26.4
100	16.0	12.0	18.0

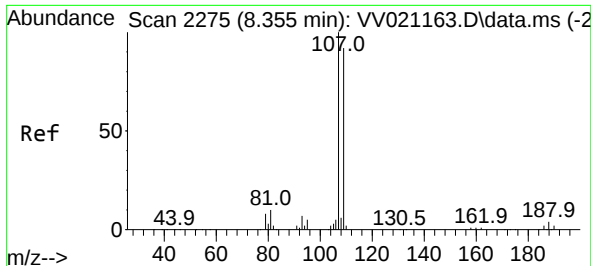


#49
Dibromochloromethane
Concen: 51.38 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 129 Resp: 318199

Ion	Ratio	Lower	Upper
129	100		
127	76.7	55.2	102.6

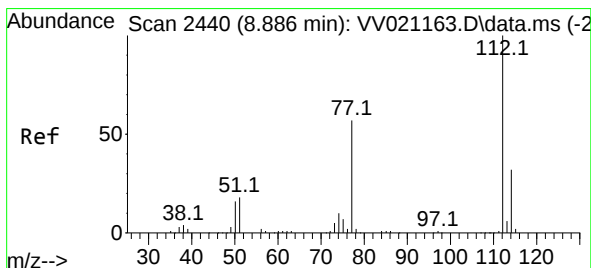
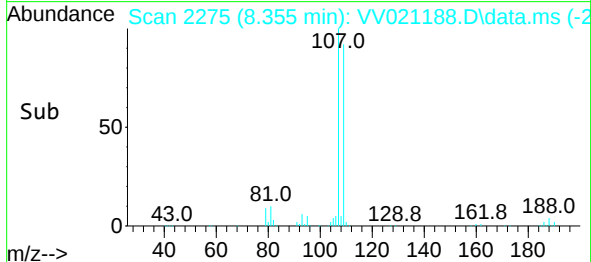
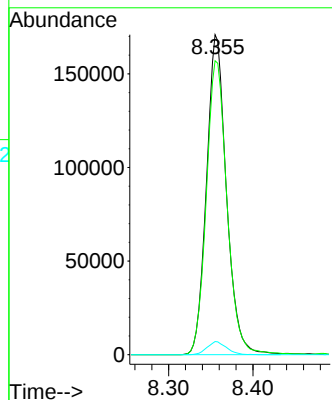
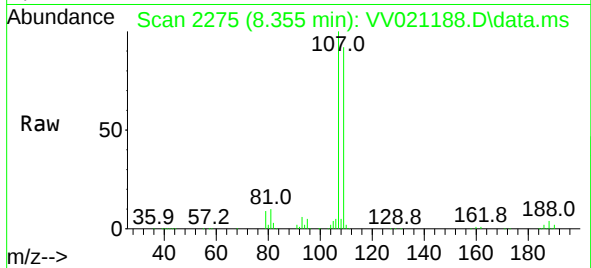




#50
1,2-Dibromoethane
Concen: 51.79 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

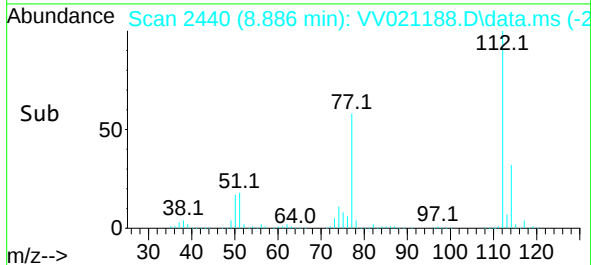
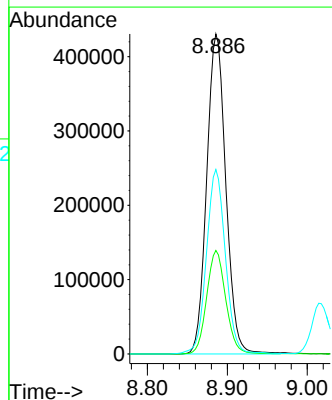
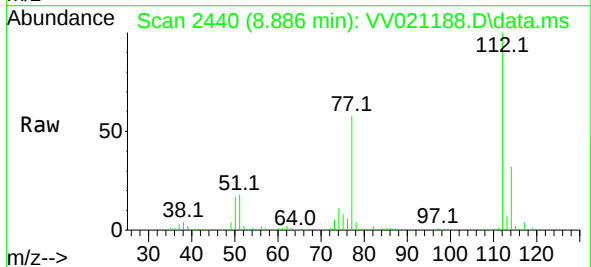
Instrument :
MSVOA_V
ClientSampled :

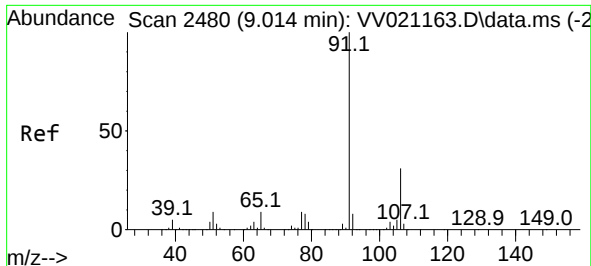
Tgt Ion:107 Resp: 281514
Ion Ratio Lower Upper
107 100
109 91.9 63.8 118.6
188 4.1 3.4 5.0



#51
Chlorobenzene
Concen: 50.31 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion:112 Resp: 715849
Ion Ratio Lower Upper
112 100
114 32.3 22.8 42.4
77 57.7 44.2 66.2

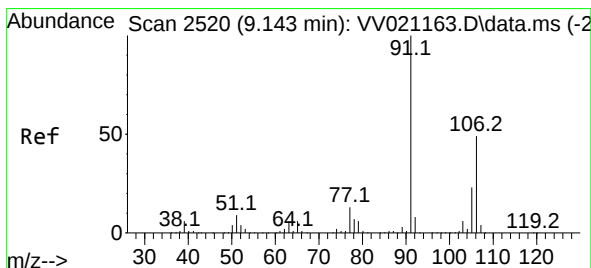
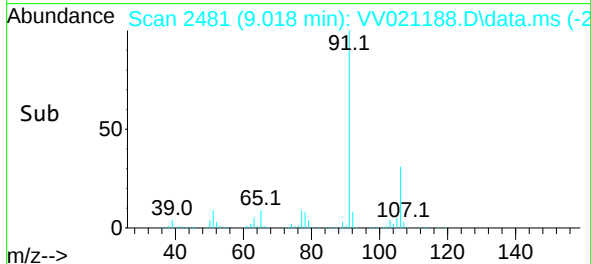
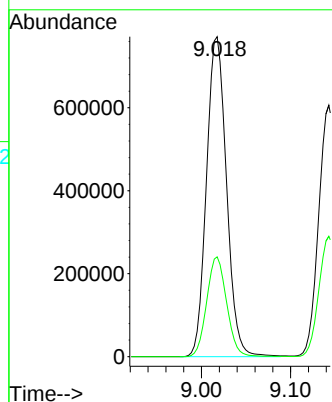
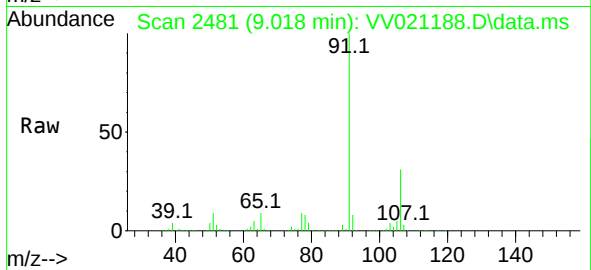




#52
Ethylbenzene
Concen: 52.46 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

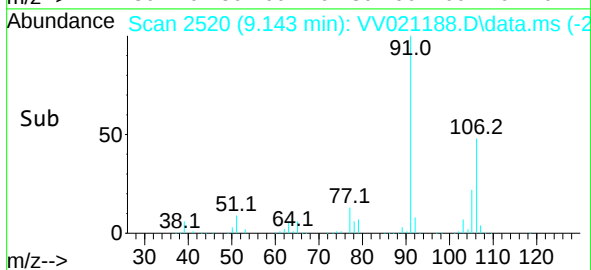
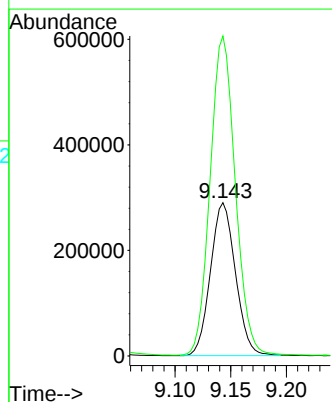
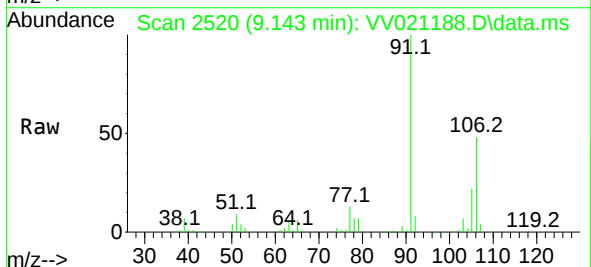
Instrument :
MSVOA_V
ClientSampled :

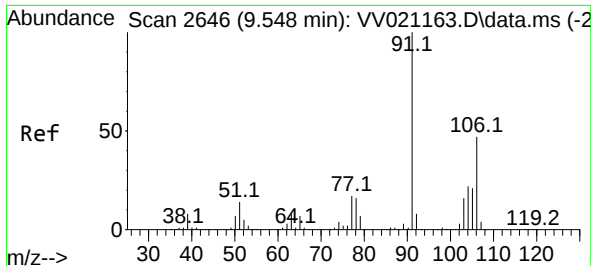
Tgt Ion: 91 Resp: 1203392
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 51.80 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 106 Resp: 452833
Ion Ratio Lower Upper
106 100
91 208.8 144.3 267.9

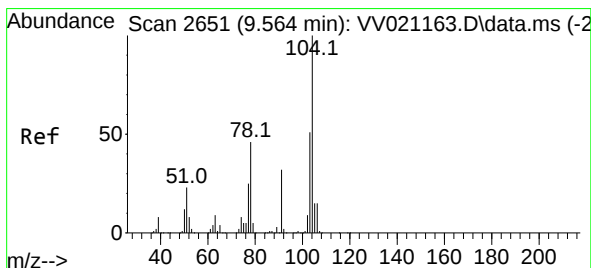
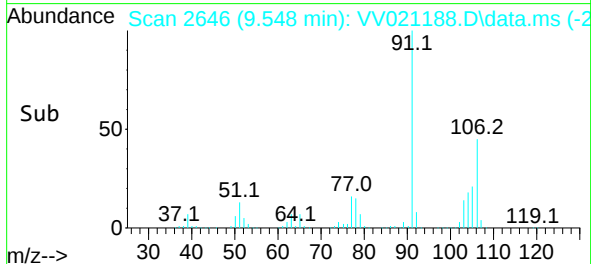
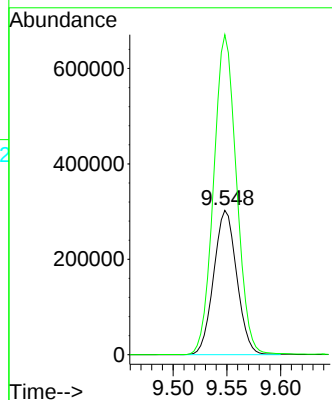
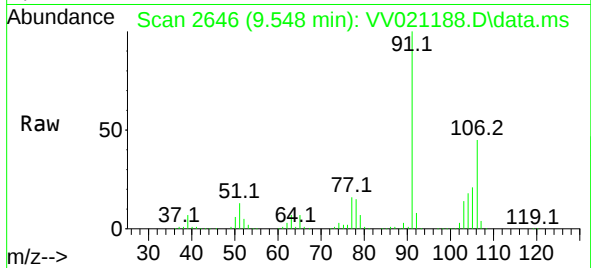




#54
o-Xylene
Concen: 52.63 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

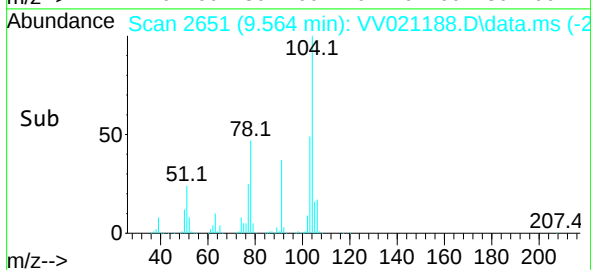
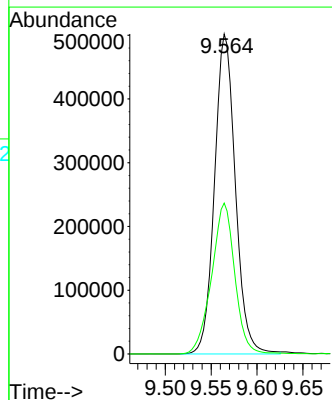
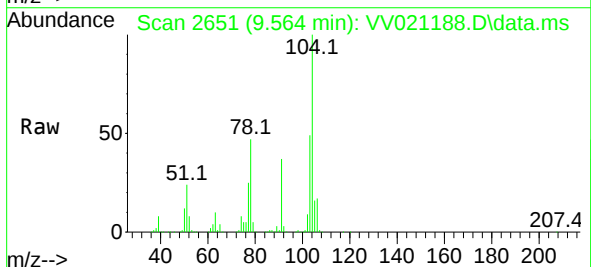
Instrument :
MSVOA_V
ClientSampled :

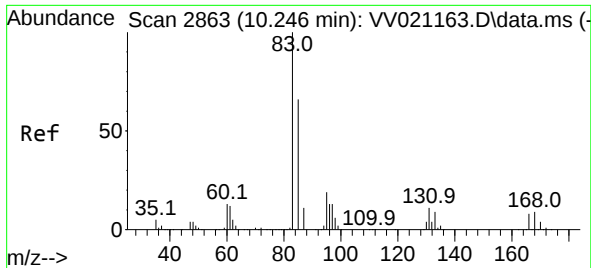
Tgt Ion:106 Resp: 451986
Ion Ratio Lower Upper
106 100
91 221.6 150.4 279.4



#55
Styrene
Concen: 54.67 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion:104 Resp: 793094
Ion Ratio Lower Upper
104 100
78 47.1 32.4 60.2

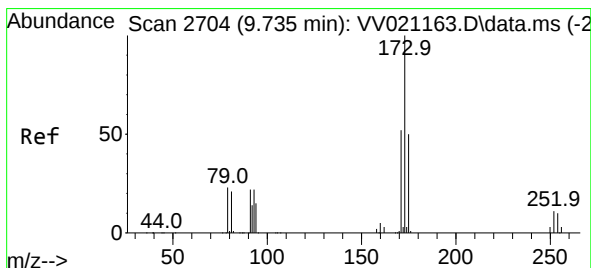
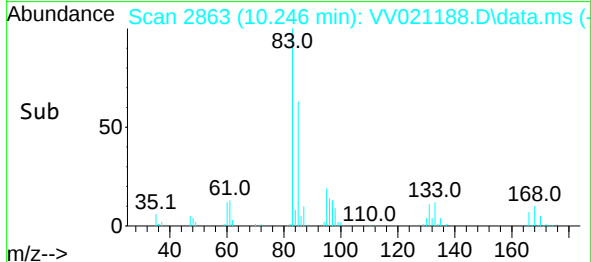
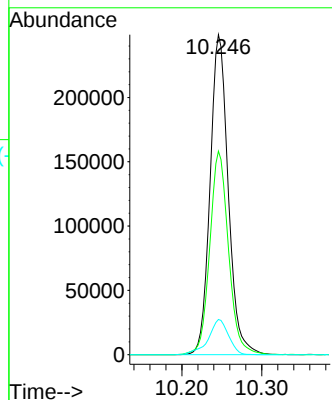
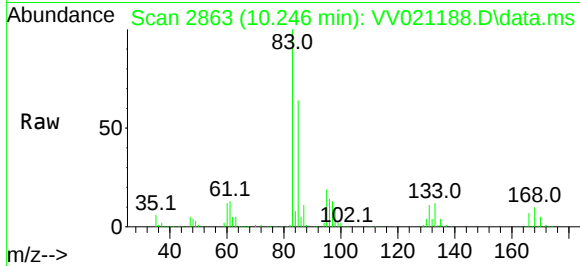




#57
1,1,2,2-Tetrachloroethane
Concen: 49.14 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

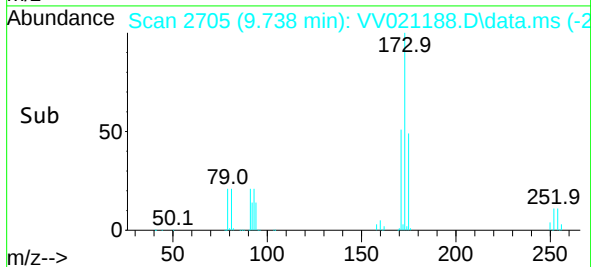
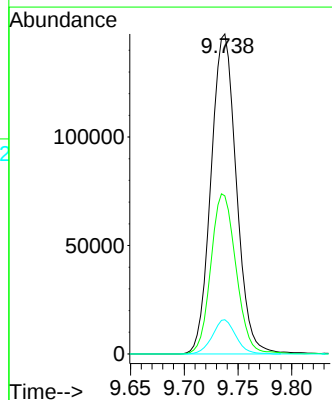
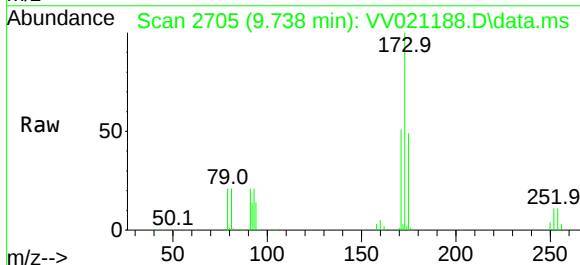
Instrument :
MSVOA_V
ClientSampleId :

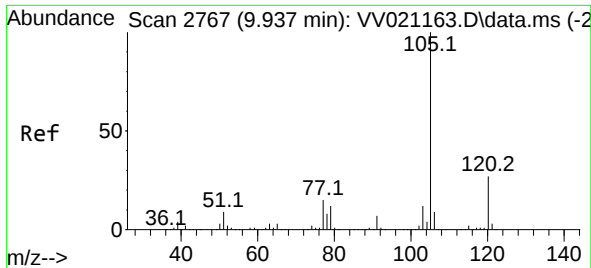
Tgt Ion: 83 Resp: 392691
Ion Ratio Lower Upper
83 100
85 63.6 45.8 85.0
131 11.0 8.8 13.2



#59
Bromoform
Concen: 50.31 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 173 Resp: 241519
Ion Ratio Lower Upper
173 100
175 49.9 38.9 58.3
254 9.9 8.3 12.5

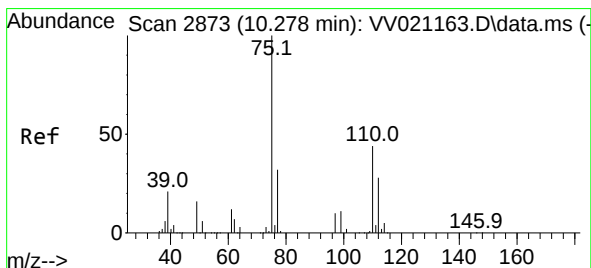
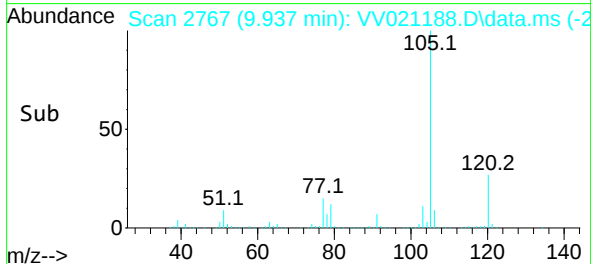
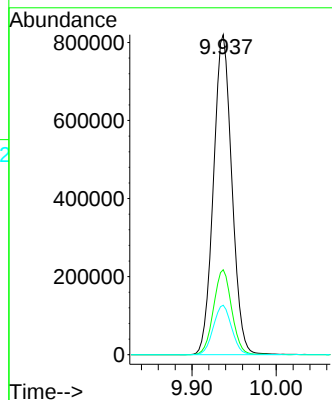
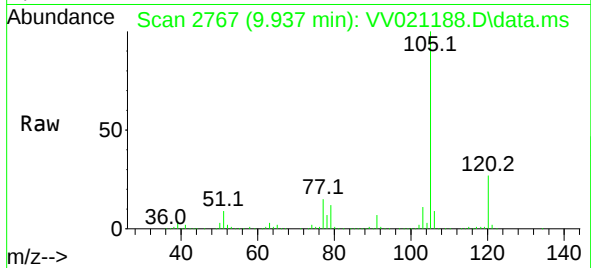




#60
Isopropylbenzene
Concen: 53.03 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

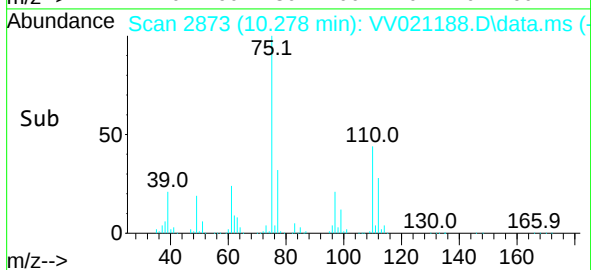
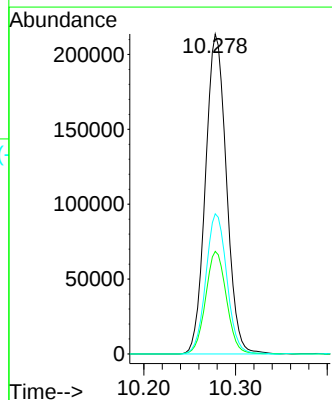
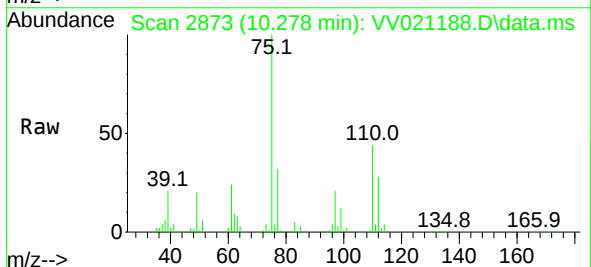
Instrument :
MSVOA_V
ClientSampled :

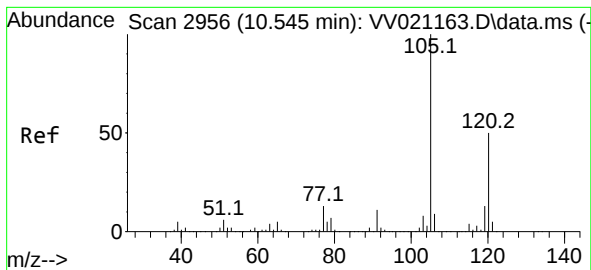
Tgt Ion:105 Resp: 1241451
Ion Ratio Lower Upper
105 100
120 26.1 21.8 32.6
77 15.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 51.41 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion: 75 Resp: 339452
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
110 43.9 34.9 52.3

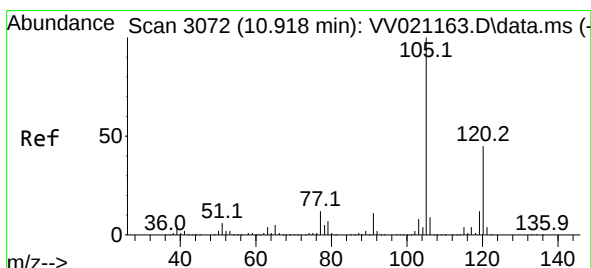
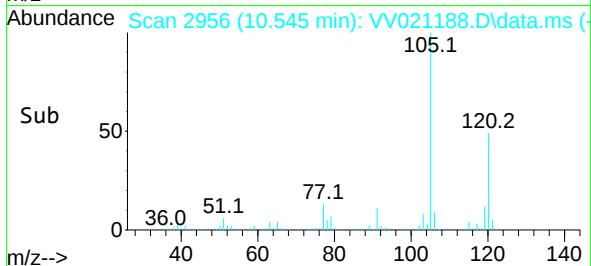
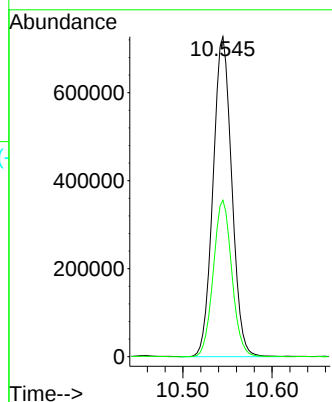
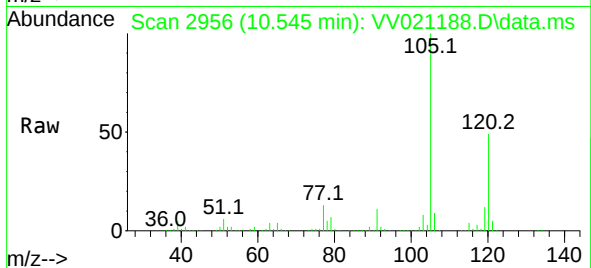




#62
1,3,5-Trimethylbenzene
Concen: 53.31 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

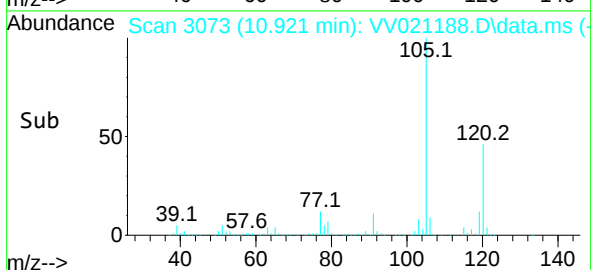
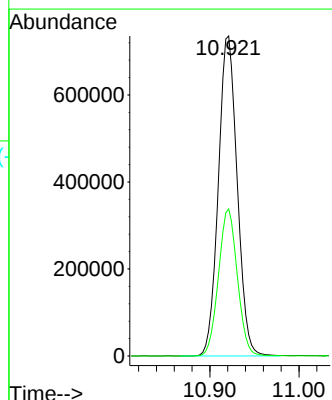
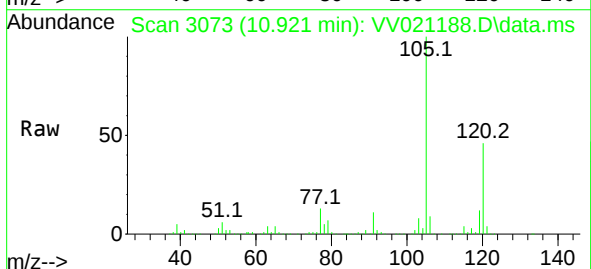
Instrument :
MSVOA_V
ClientSampled :

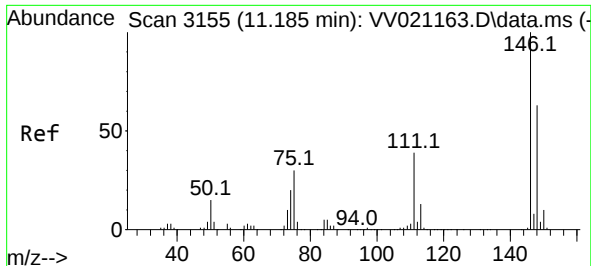
Tgt Ion:105 Resp: 1059720
Ion Ratio Lower Upper
105 100
120 48.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 54.62 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion:105 Resp: 1082810
Ion Ratio Lower Upper
105 100
120 46.0 37.7 56.5

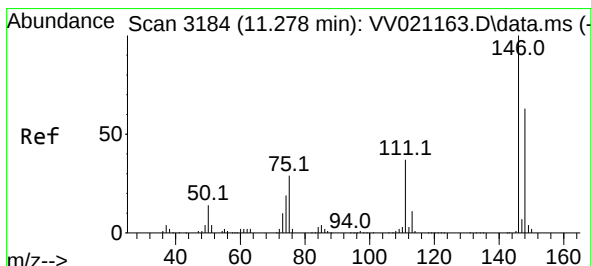
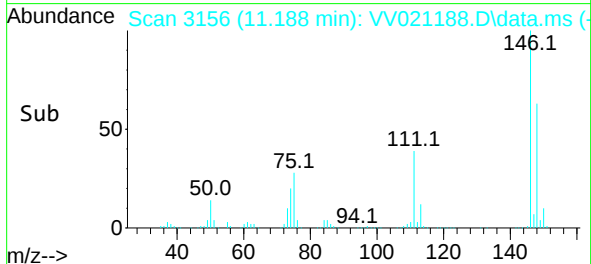
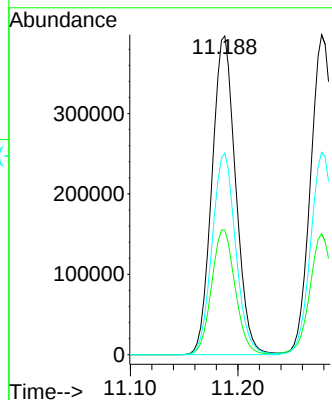
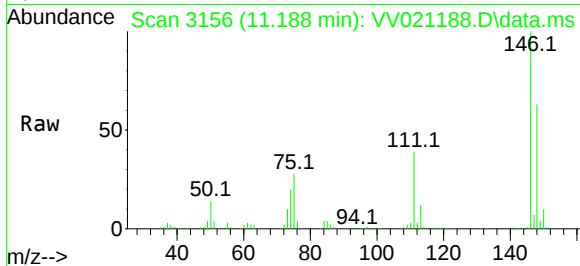




#64
1,3-Dichlorobenzene
Concen: 52.06 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

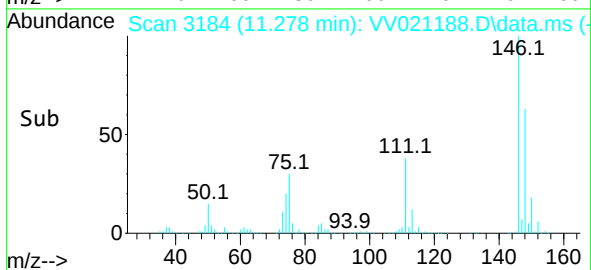
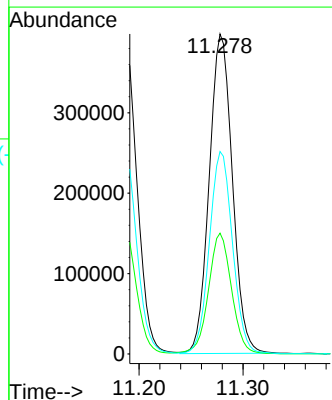
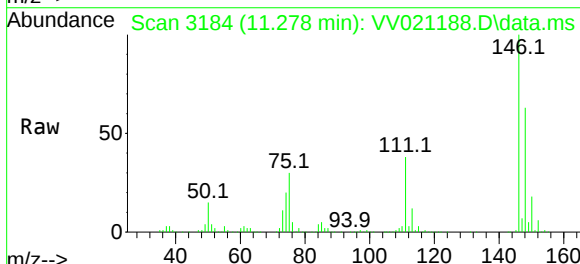
Instrument :
MSVOA_V
ClientSampled :

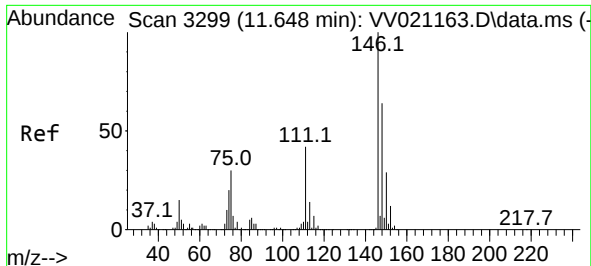
Tgt Ion:146 Resp: 607044
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.2
148 63.2 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 51.38 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion:146 Resp: 615574
Ion Ratio Lower Upper
146 100
111 37.7 26.3 48.9
148 63.3 44.7 82.9

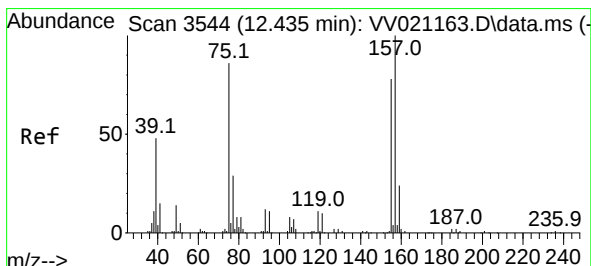
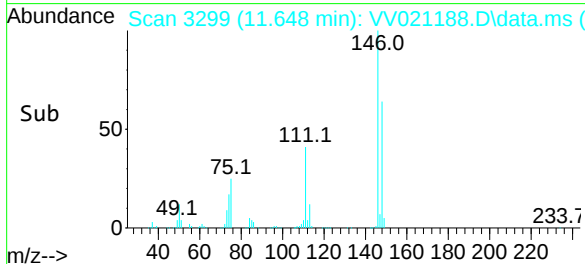
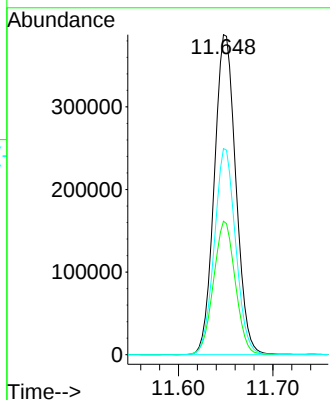
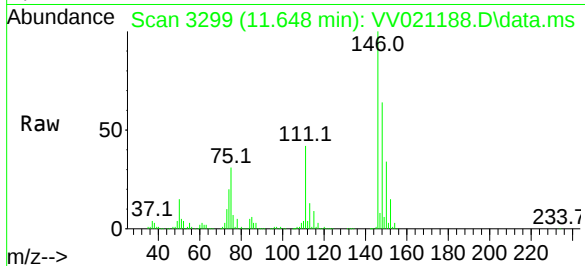




#67
1,2-Dichlorobenzene
Concen: 50.99 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

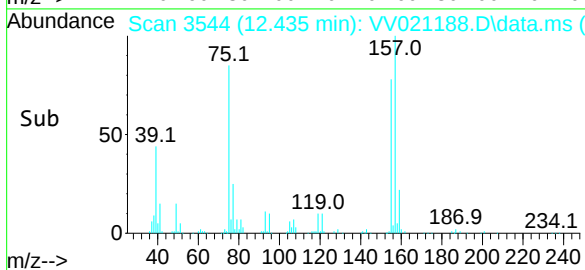
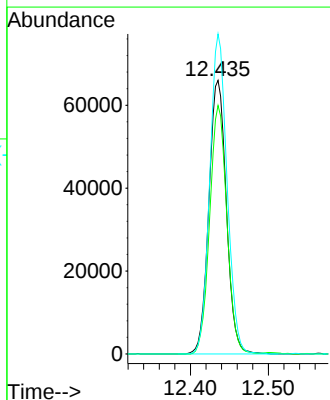
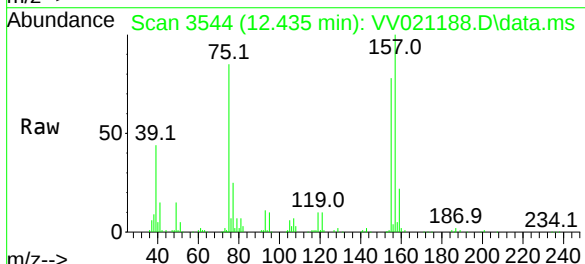
Instrument :
MSVOA_V
ClientSampleId :

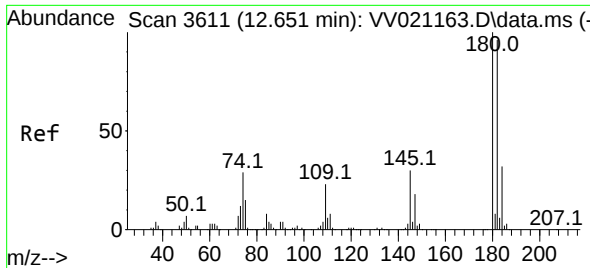
Tgt Ion:146 Resp: 613836
Ion Ratio Lower Upper
146 100
111 41.7 33.2 49.8
148 64.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 52.11 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

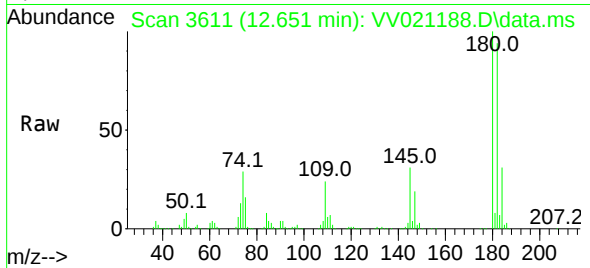
Tgt Ion: 75 Resp: 103128
Ion Ratio Lower Upper
75 100
155 90.8 72.8 109.2
157 117.0 94.6 142.0



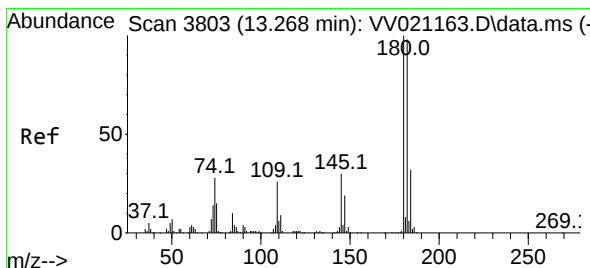
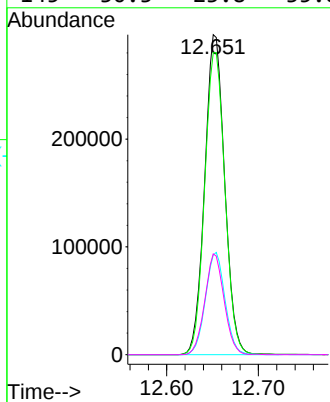
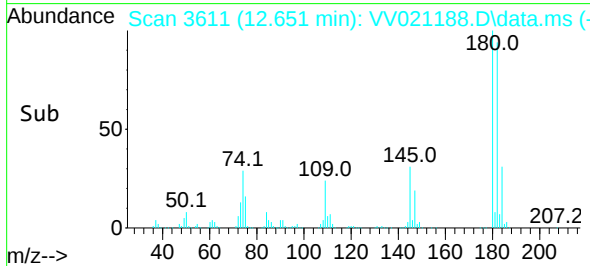


#69
1,3,5-Trichlorobenzene
Concen: 49.59 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

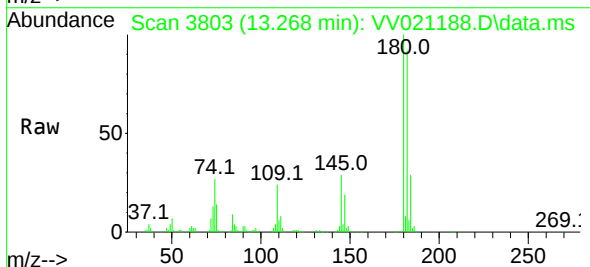
Instrument :
MSVOA_V
ClientSampleId :



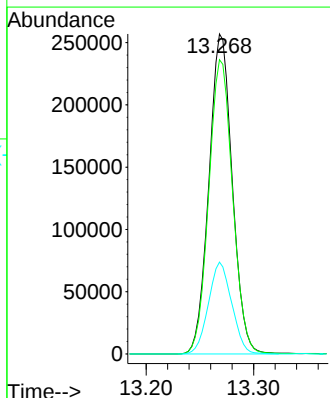
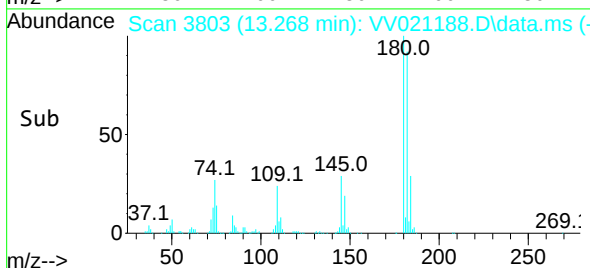
Tgt Ion:180 Resp: 449760
Ion Ratio Lower Upper
180 100
182 95.6 77.4 116.0
184 31.3 24.1 36.1
145 30.3 23.8 35.8

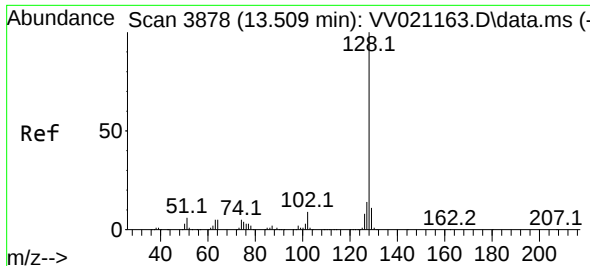


#70
1,2,4-trichlorobenzene
Concen: 52.03 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59



Tgt Ion:180 Resp: 386766
Ion Ratio Lower Upper
180 100
182 94.0 77.5 116.3
145 28.7 24.3 36.5

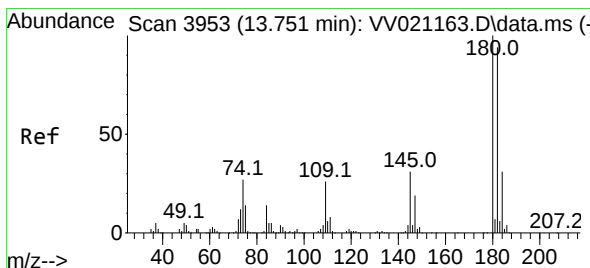
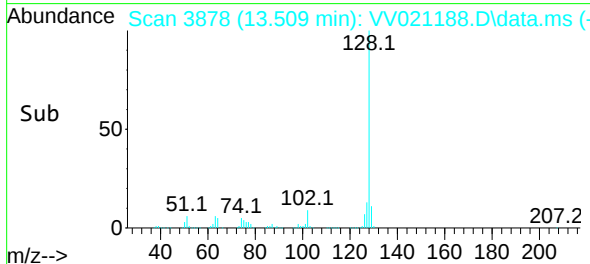
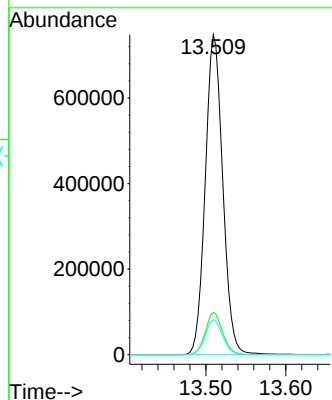
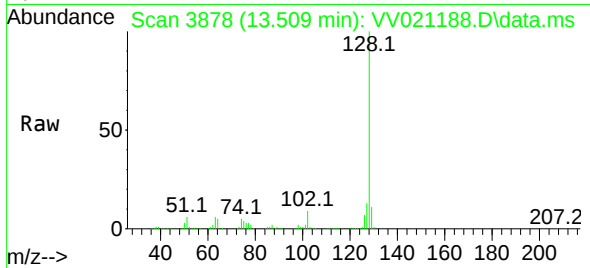




#71
Naphthalene
Concen: 55.02 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1139315
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.62 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV021188.D
Acq: 27 Apr 2021 20:59

Tgt Ion:180 Resp: 399154
Ion Ratio Lower Upper
180 100
182 96.2 75.9 113.9
145 32.2 25.0 37.6

