

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032221\
 Data File : VW020708.D
 Acq On : 22 Mar 2021 18:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Mar 23 02:16:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 02:12:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	447571	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	439782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	237939	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	161839	44.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.66%		
7) Chloroethane-d5	1.571	69	117638	40.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.46%		
11) 1,1-Dichloroethene-d2	2.111	63	287878	41.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.90%		
21) 2-Butanone-d5	3.895	46	221701	95.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.68%		
24) Chloroform-d	4.352	84	309162	49.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.54%		
26) 1,2-Dichloroethane-d4	5.034	65	202622	48.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.88%		
32) Benzene-d6	5.053	84	568070	46.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.50%		
36) 1,2-Dichloropropane-d6	6.072	67	175052	45.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.06%		
41) Toluene-d8	7.320	98	530951	49.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.34%		
43) trans-1,3-Dichloroprop...	7.622	79	88655	48.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.58%		
47) 2-Hexanone-d5	8.091	63	156381	107.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.52%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	264138	54.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.74%		
64) 1,2-Dichlorobenzene-d4	11.628	152	212961	46.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.38%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	205165	55.52	ug/L	98
3) Chloromethane	1.243	50	204618	47.87	ug/L	97
5) Vinyl chloride	1.314	62	191117	44.59	ug/L	100
6) Bromomethane	1.526	94	109353	43.31	ug/L	98
8) Chloroethane	1.587	64	105447	40.55	ug/L	99
9) Trichlorofluoromethane	1.754	101	275843	48.30	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	133202	42.77	ug/L	92
12) 1,1-Dichloroethene	2.121	96	125775	41.63	ug/L	90
13) Acetone	2.185	43	161891	85.54	ug/L	99
14) Carbon disulfide	2.297	76	382664	41.77	ug/L	98
15) Methyl Acetate	2.436	43	176362	48.65	ug/L	98
16) Methylene chloride	2.510	84	158039	45.14	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	148714	46.07	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	472801	48.17	ug/L	100
19) 1,1-Dichloroethane	3.195	63	282910	45.94	ug/L	99
22) 2-Butanone	3.976	43	247623	94.59	ug/L	97
23) Bromochloromethane	4.249	128	84565	50.86	ug/L	90
25) Chloroform	4.378	83	303809	47.23	ug/L	97
27) 1,2-Dichloroethane	5.133	62	246633	48.54	ug/L	99
29) Cyclohexane	4.683	56	240577	44.67	ug/L	98

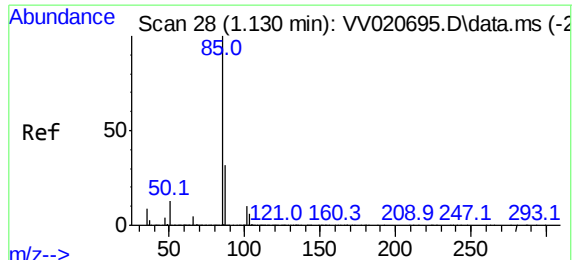
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 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 02:12:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.612	97	265344	49.92	ug/L	97
31) Carbon tetrachloride	4.831	117	218391	50.57	ug/L	100
33) Benzene	5.101	78	632767	47.69	ug/L	100
34) Trichloroethene	5.918	95	163217	43.59	ug/L	96
35) Methylcyclohexane	6.137	83	242848	47.19	ug/L	98
37) 1,2-Dichloropropane	6.178	63	164466	47.47	ug/L	98
38) Bromodichloromethane	6.513	83	221779	48.61	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	250196	48.68	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	510890	98.04	ug/L	98
42) Toluene	7.391	91	684220	49.39	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	259836	51.43	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	162718	50.40	ug/L	98
46) Tetrachloroethene	7.979	164	125815	52.37	ug/L	97
48) 2-Hexanone	8.143	43	410432	100.84	ug/L	98
49) Dibromochloromethane	8.249	129	169488	50.42	ug/L	97
50) 1,2-Dibromoethane	8.355	107	172139	49.78	ug/L	98
51) Chlorobenzene	8.886	112	437938	48.88	ug/L	97
52) Ethylbenzene	9.017	91	768360	49.00	ug/L	99
53) m,p-Xylene	9.143	106	286522	50.03	ug/L	97
54) o-xylene	9.548	106	279603	50.43	ug/L	97
55) Styrene	9.564	104	506975	52.37	ug/L	97
56) Isopropylbenzene	9.937	105	759040	50.60	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	274829	57.32	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	220563	50.24	ug/L	100
61) Bromoform	9.738	173	117888	49.99	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	360518	47.71	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	373944	47.42	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	366573	48.74	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.432	75	59348	52.25	ug/L	92
67) 1,3,5-Trichlorobenzene	12.651	180	260711	48.45	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	227696	48.74	ug/L	97
69) Naphthalene	13.509	128	781501	51.45	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	235633	50.88	ug/L	98

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

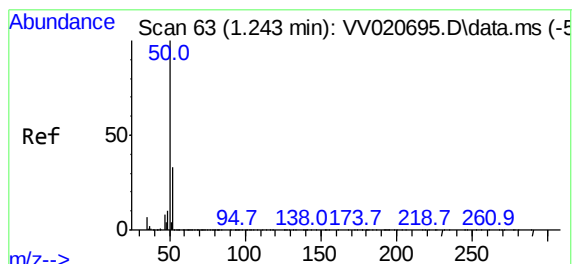
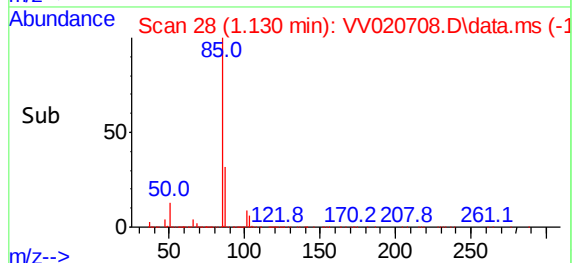
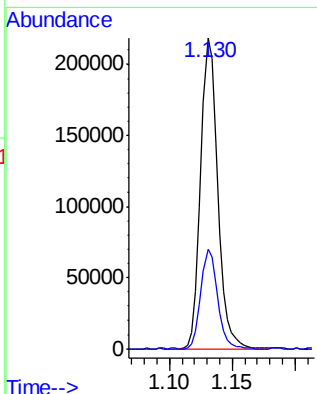
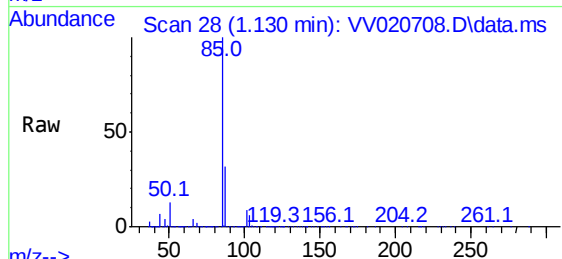


#2

Dichlorodifluoromethane
Concen: 55.52 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

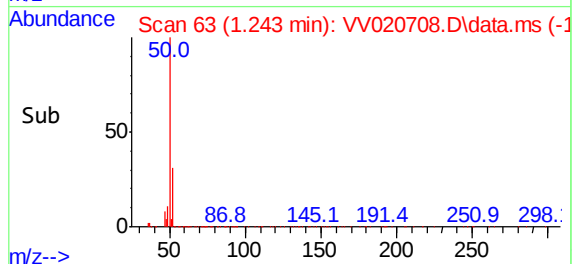
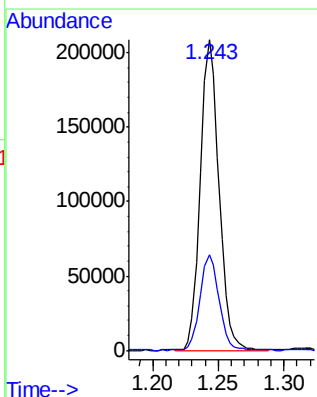
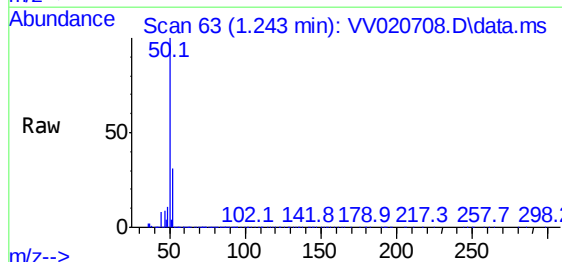
Tgt Ion: 85 Resp: 205165
Ion Ratio Lower Upper
85 100
87 31.4 25.9 38.9

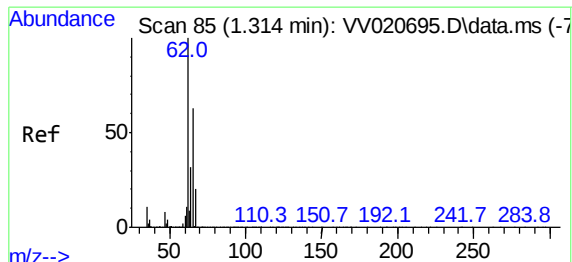


#3

Chloromethane
Concen: 47.87 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 50 Resp: 204618
Ion Ratio Lower Upper
50 100
52 31.0 22.7 42.1

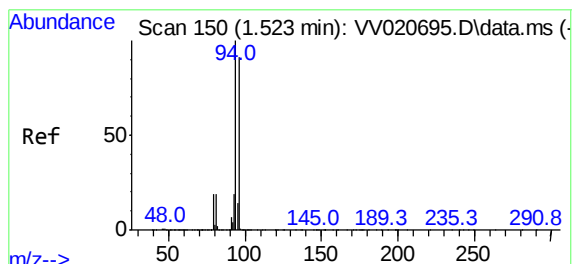
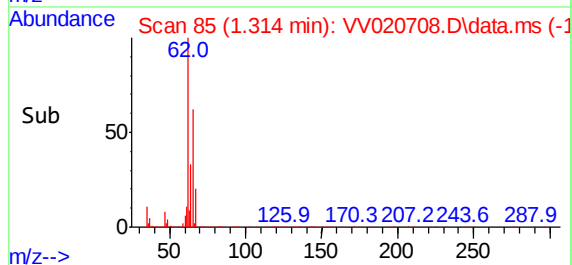
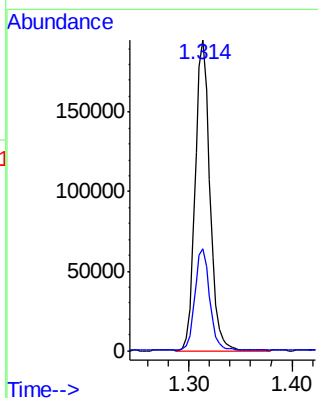
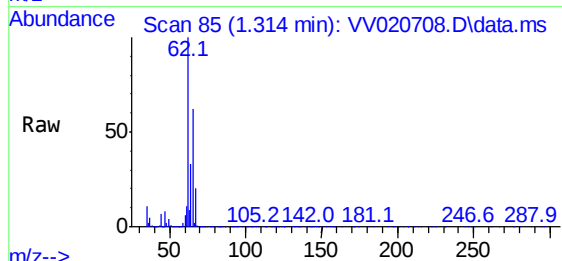




#5
 Vinyl chloride
 Concen: 44.59 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020708.D
 Acq: 22 Mar 2021 18:02

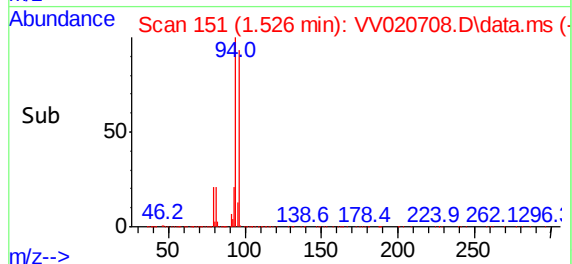
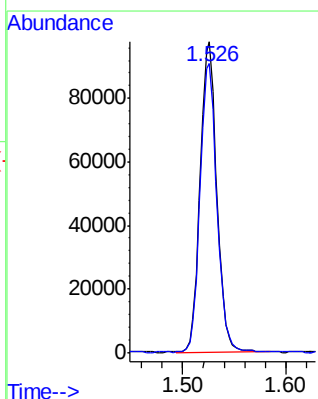
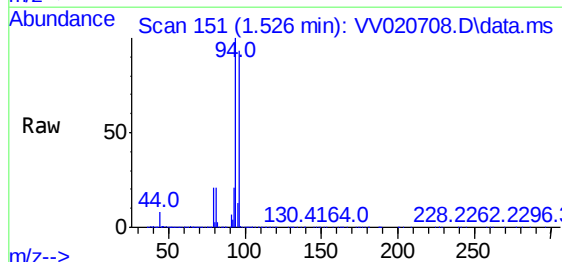
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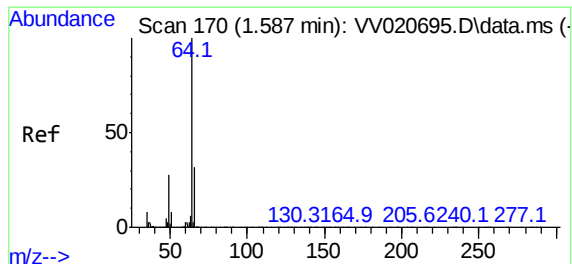
Tgt Ion: 62 Resp: 191117
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 43.31 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020708.D
 Acq: 22 Mar 2021 18:02

Tgt Ion: 94 Resp: 109353
 Ion Ratio Lower Upper
 94 100
 96 92.9 63.6 118.2

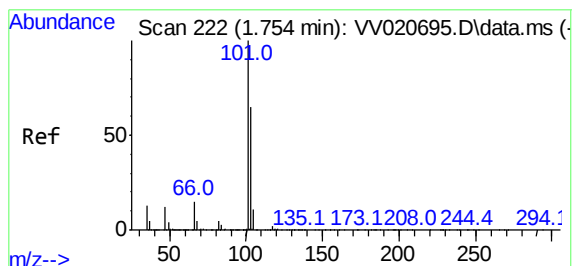
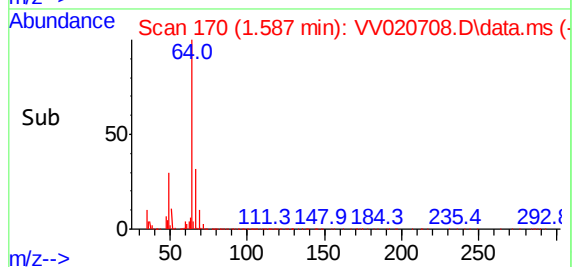
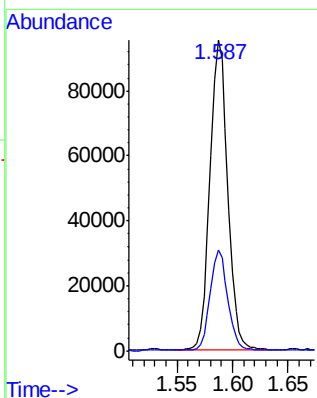
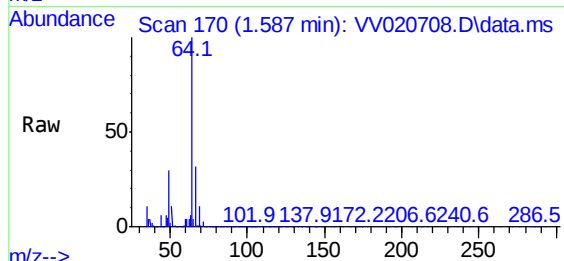




#8
Chloroethane
Concen: 40.55 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

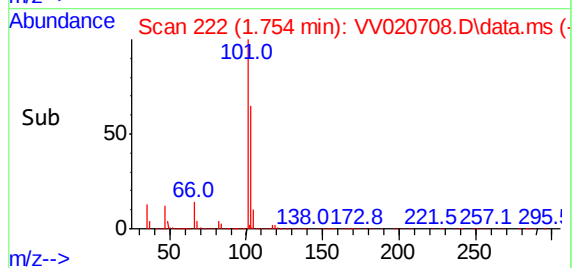
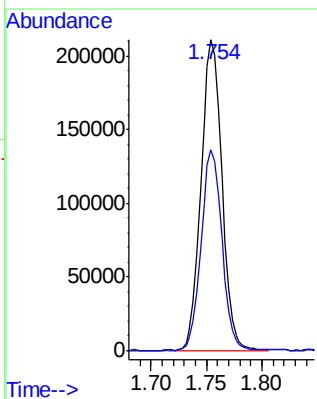
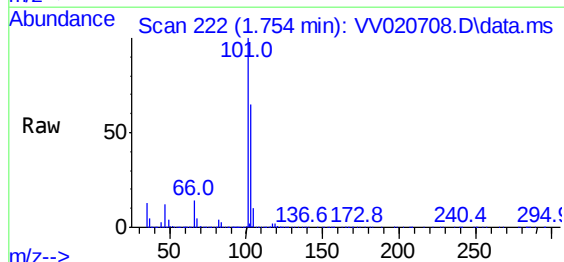
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

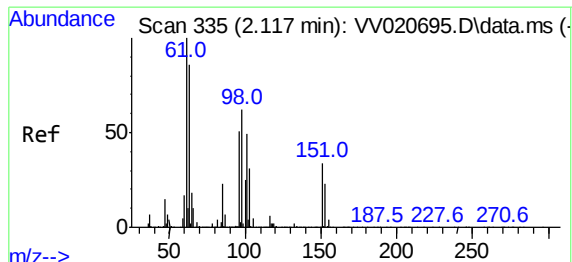
Tgt Ion: 64 Resp: 105447
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.30 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 101 Resp: 275843
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5





#10

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

Concen: 42.77 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV020708.D

Acq: 22 Mar 2021 18:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD05089

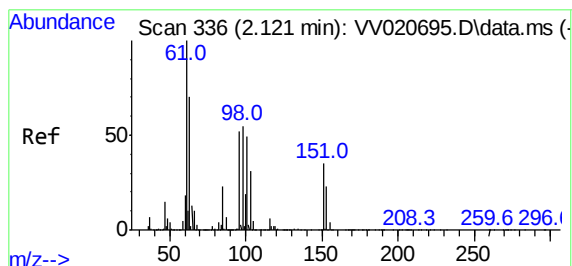
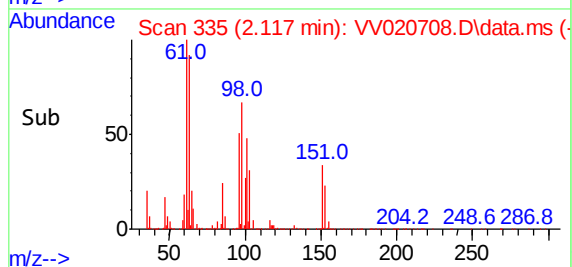
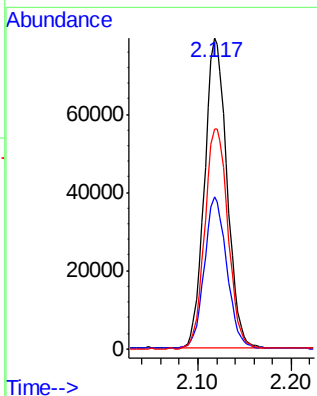
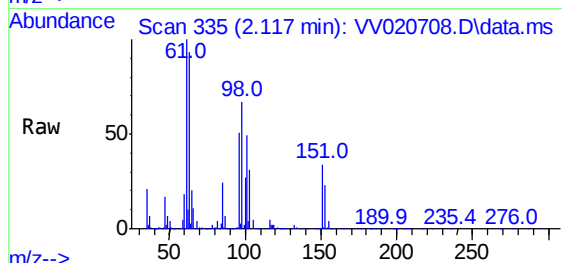
Tgt Ion:101 Resp: 133202

Ion Ratio Lower Upper

101 100

85 48.6 35.3 52.9

151 73.4 53.6 80.4



#12

1,1-Dichloroethene

Concen: 41.63 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV020708.D

Acq: 22 Mar 2021 18:02

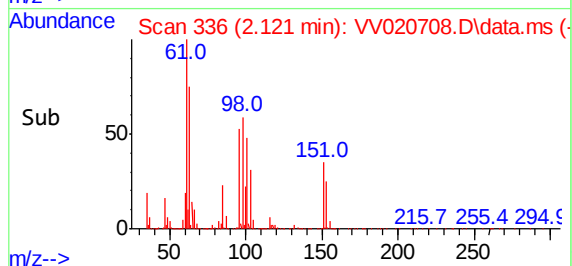
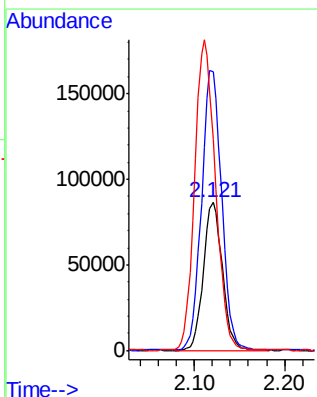
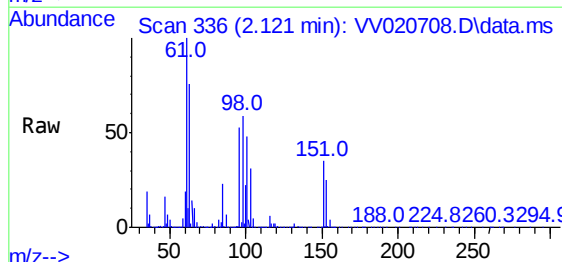
Tgt Ion: 96 Resp: 125775

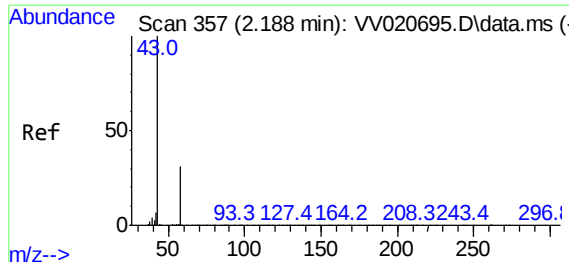
Ion Ratio Lower Upper

96 100

61 188.7 134.9 250.5

63 142.7 117.6 218.4

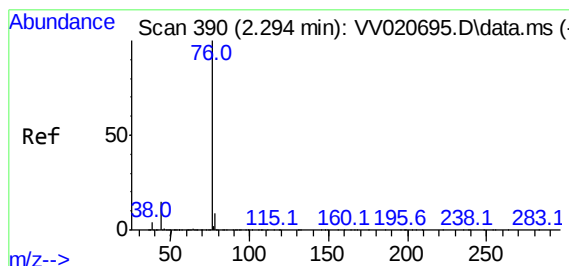
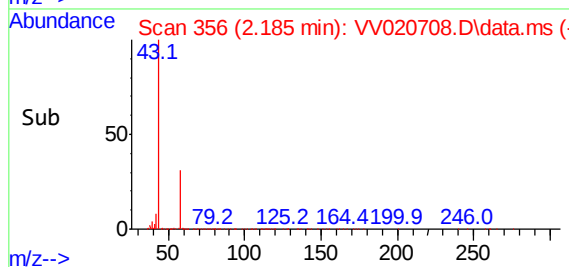
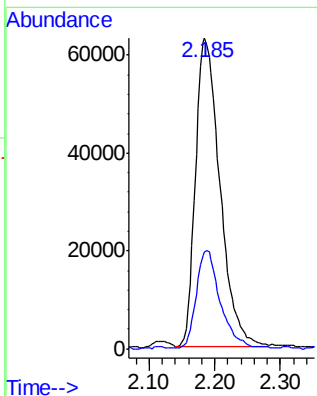
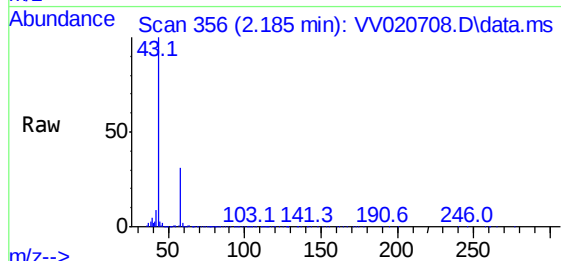




#13
Acetone
Concen: 85.54 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

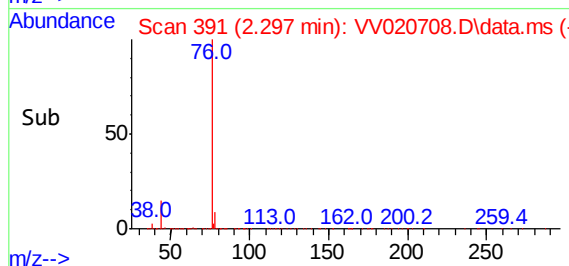
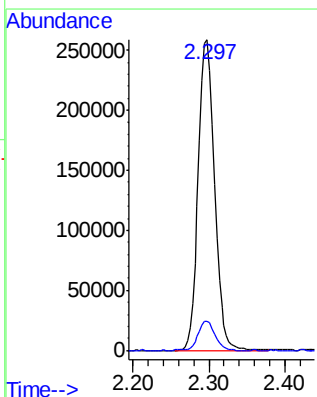
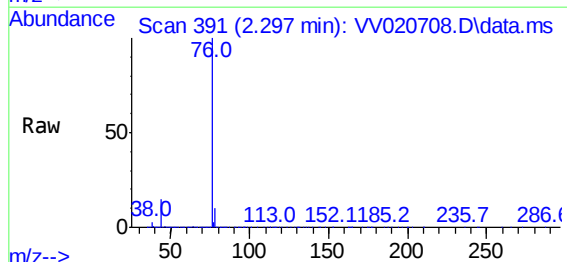
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

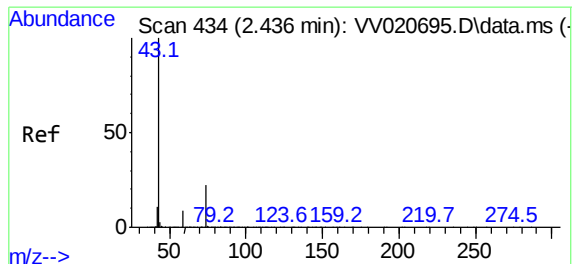
Tgt Ion: 43 Resp: 161891
Ion Ratio Lower Upper
43 100
58 30.8 0.0 60.2



#14
Carbon disulfide
Concen: 41.77 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 76 Resp: 382664
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

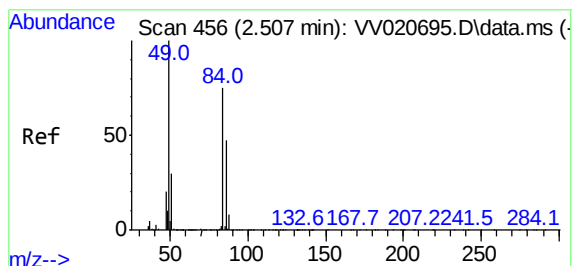
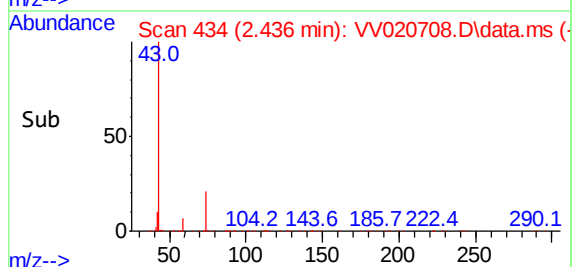
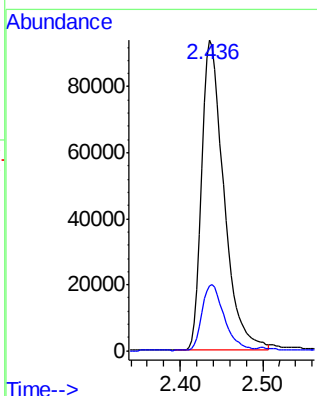
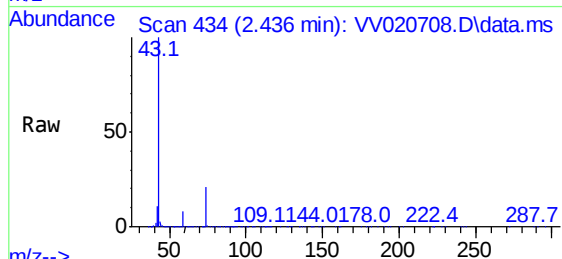




#15
Methyl Acetate
Concen: 48.65 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

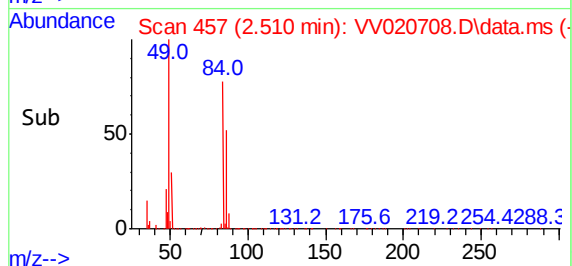
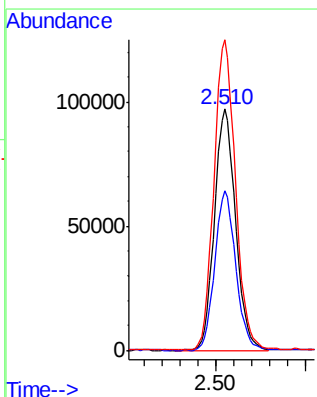
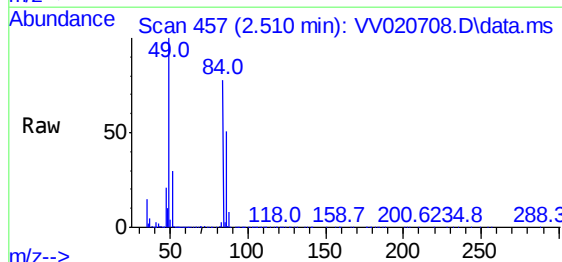
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

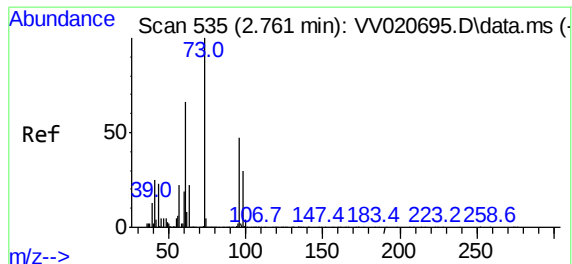
Tgt Ion: 43 Resp: 176362
Ion Ratio Lower Upper
43 100
74 20.9 17.6 26.4



#16
Methylene chloride
Concen: 45.14 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 84 Resp: 158039
Ion Ratio Lower Upper
84 100
86 66.2 44.6 82.8
49 128.8 94.6 175.8



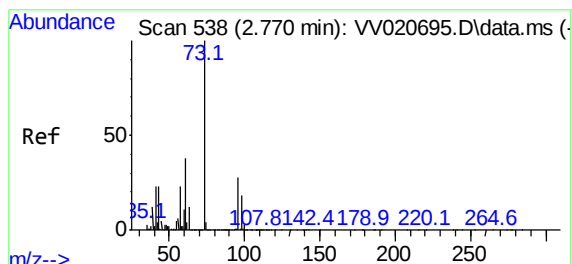
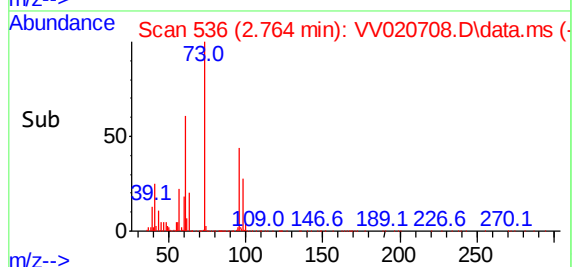
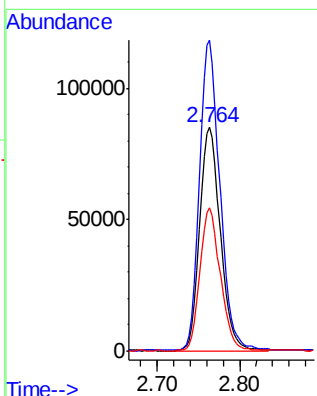
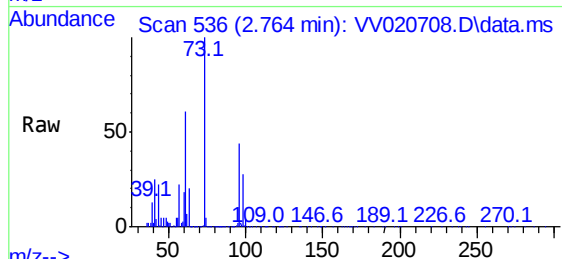


#17
trans-1,2-Dichloroethene
Concen: 46.07 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

Tgt Ion: 96 Resp: 148714

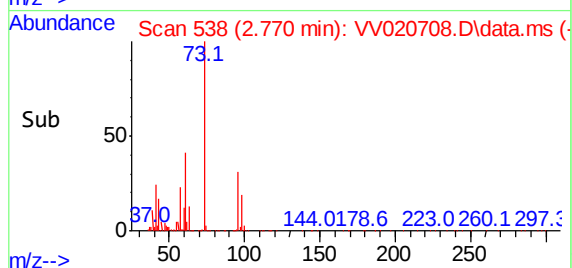
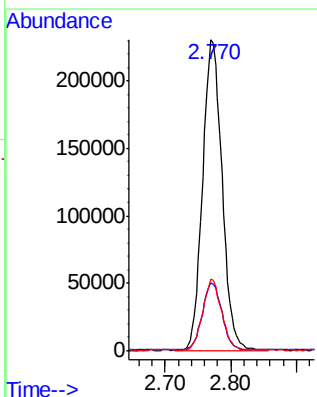
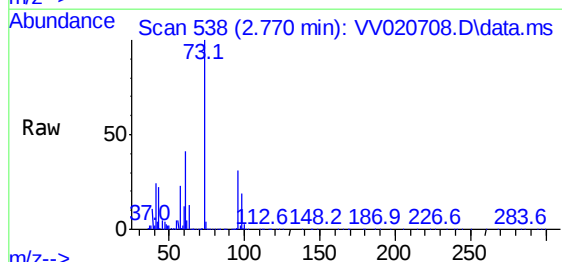
Ion	Ratio	Lower	Upper
96	100		
61	139.1	103.1	191.5
98	64.1	43.1	80.1

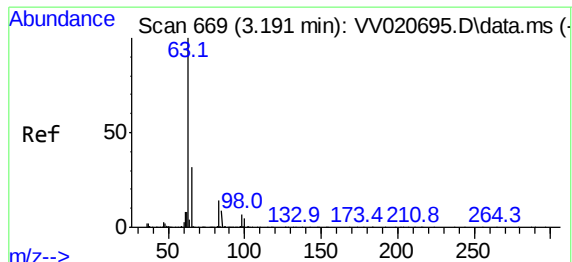


#18
Methyl tert-butyl Ether
Concen: 48.17 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 73 Resp: 472801

Ion	Ratio	Lower	Upper
73	100		
43	21.6	17.3	25.9
57	22.3	17.9	26.9

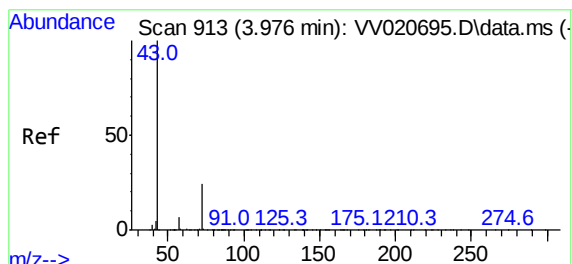
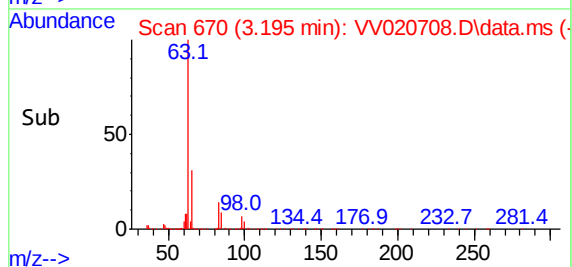
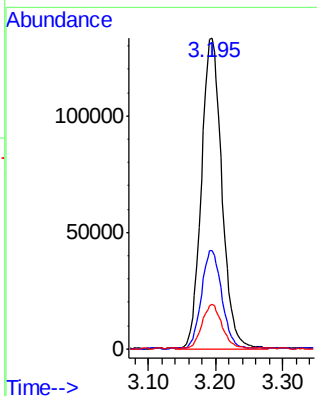
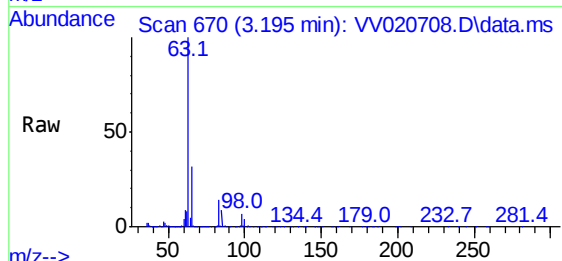




#19
1,1-Dichloroethane
Concen: 45.94 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

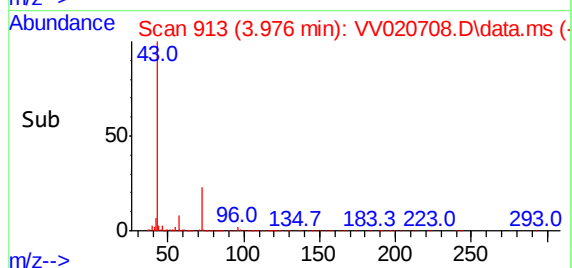
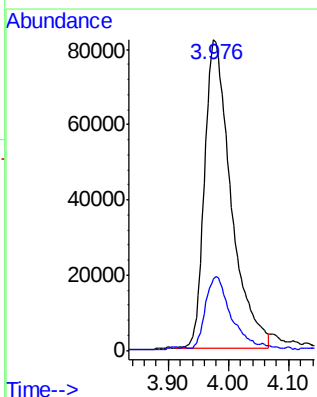
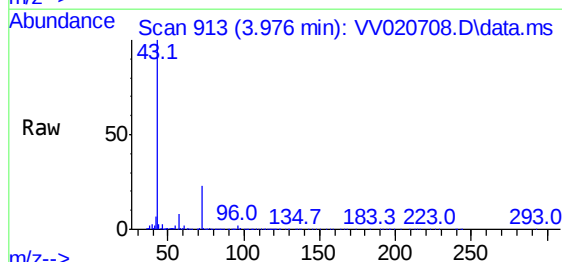
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

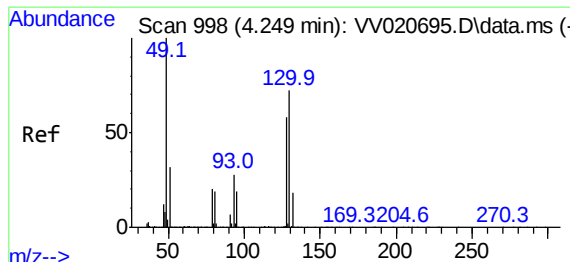
Tgt Ion: 63 Resp: 282910
Ion Ratio Lower Upper
63 100
65 31.6 21.9 40.7
83 14.4 9.5 17.7



#22
2-Butanone
Concen: 94.59 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 43 Resp: 247623
Ion Ratio Lower Upper
43 100
72 23.0 12.2 36.6

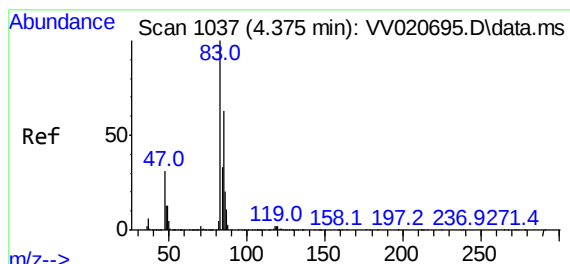
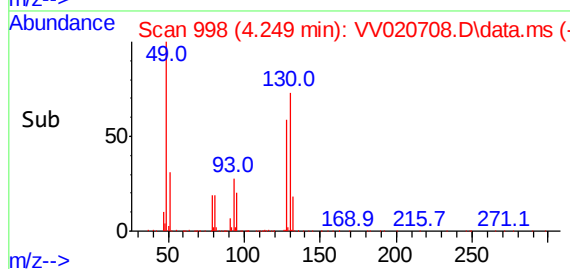
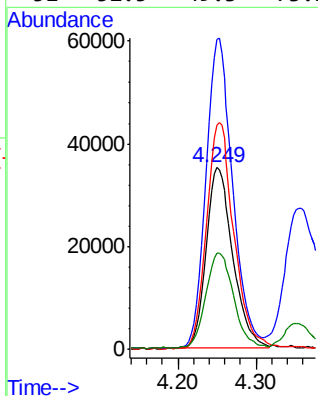
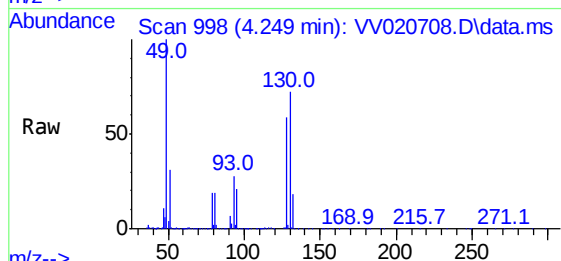




#23
Bromochloromethane
Concen: 50.86 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

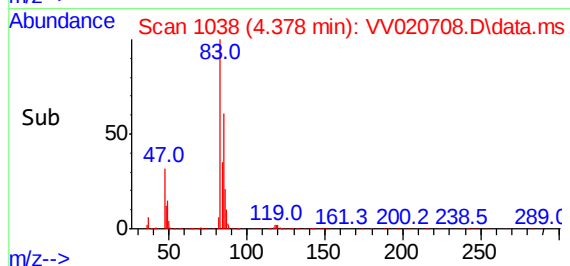
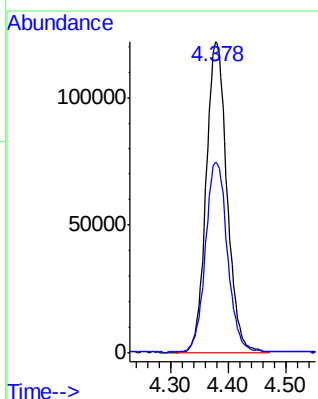
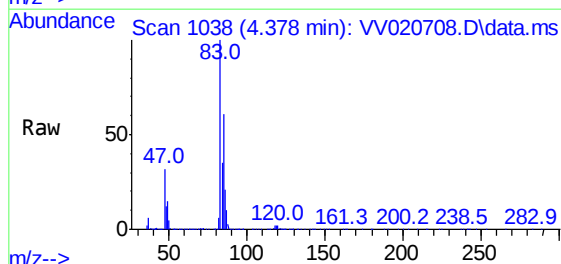
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

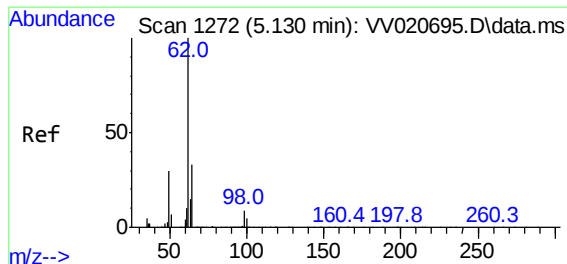
Tgt Ion:128 Resp: 84565
Ion Ratio Lower Upper
128 100
49 170.5 133.1 247.1
130 123.2 89.0 165.4
51 52.5 49.3 73.9



#25
Chloroform
Concen: 47.23 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 83 Resp: 303809
Ion Ratio Lower Upper
83 100
85 61.2 44.2 82.2

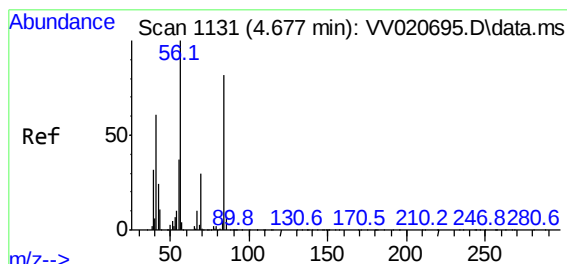
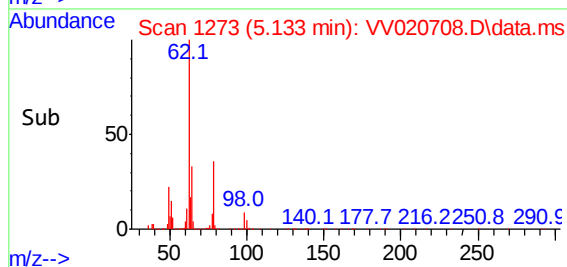
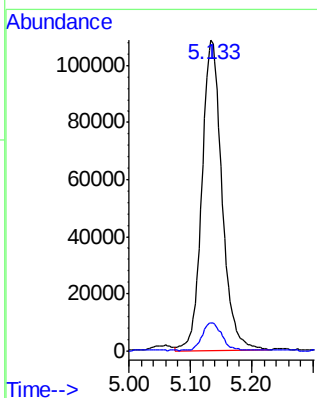
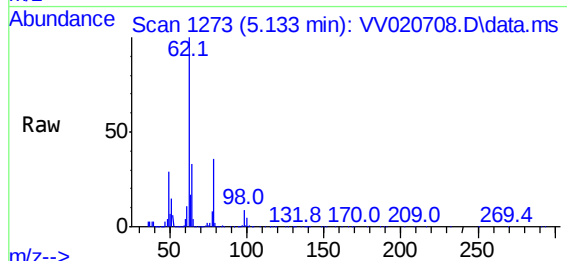




#27
1,2-Dichloroethane
Concen: 48.54 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

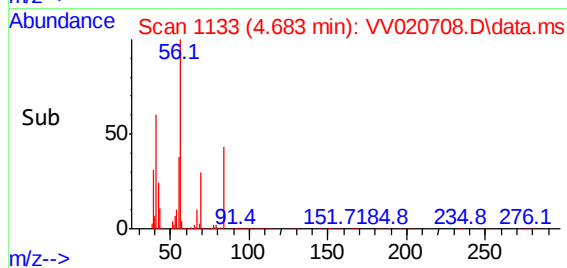
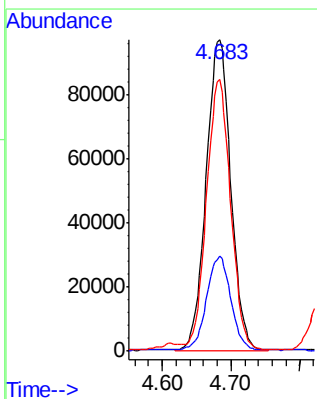
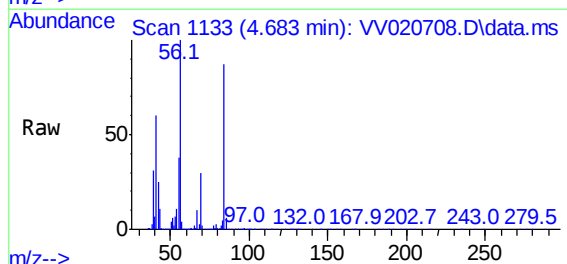
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

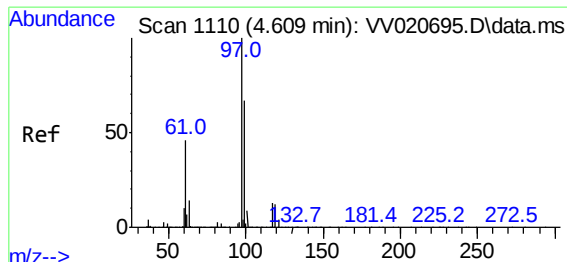
Tgt Ion: 62 Resp: 246633
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3



#29
Cyclohexane
Concen: 44.67 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 56 Resp: 240577
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 85.0 66.3 99.5





#30

1,1,1-Trichloroethane

Concen: 49.92 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV020708.D

Acq: 22 Mar 2021 18:02

Tgt Ion: 97 Resp: 265344

Ion Ratio Lower Upper

97 100

99 63.2 51.2 76.8

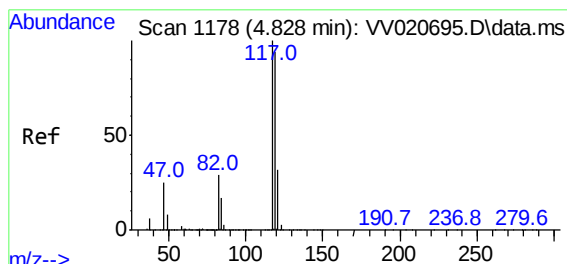
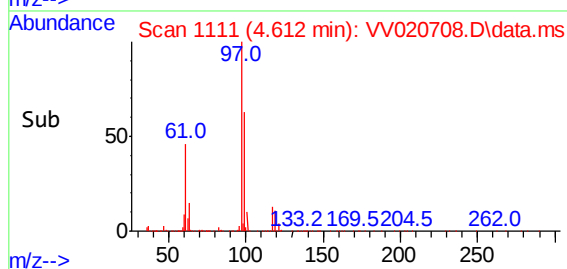
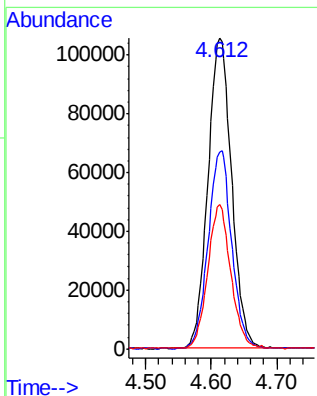
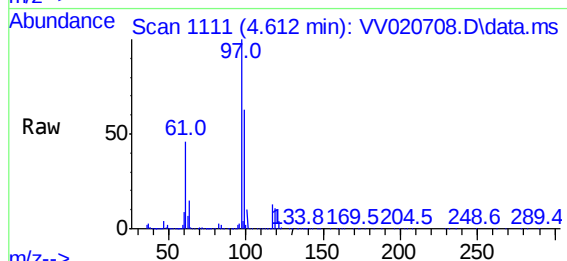
61 44.7 38.5 57.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05089



#31

Carbon tetrachloride

Concen: 50.57 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VV020708.D

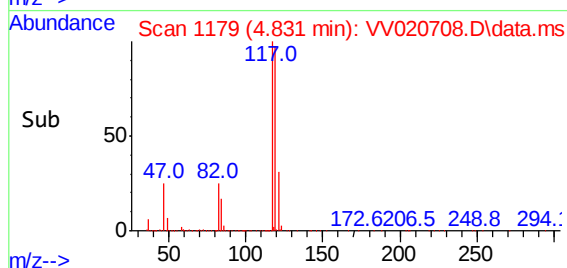
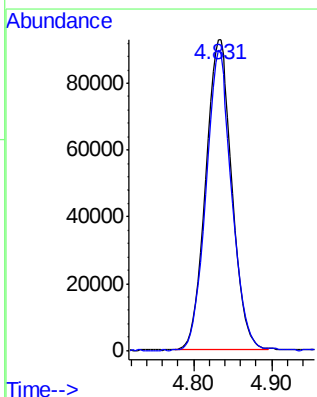
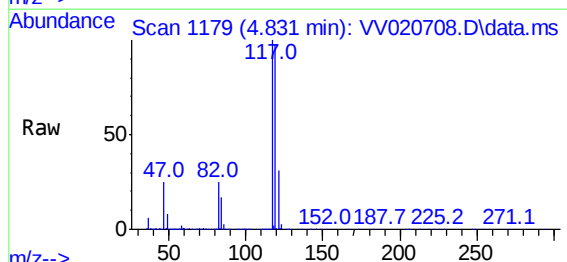
Acq: 22 Mar 2021 18:02

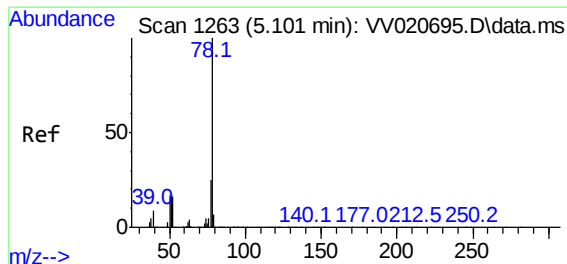
Tgt Ion:117 Resp: 218391

Ion Ratio Lower Upper

117 100

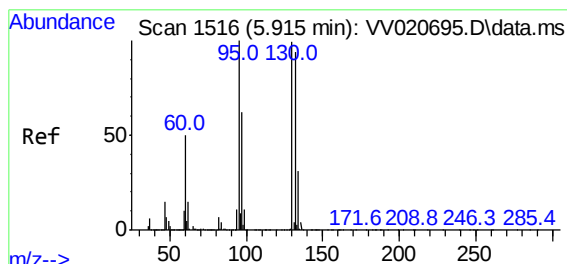
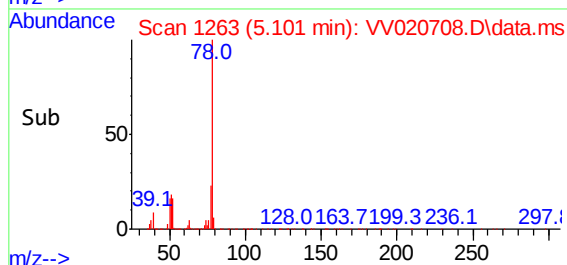
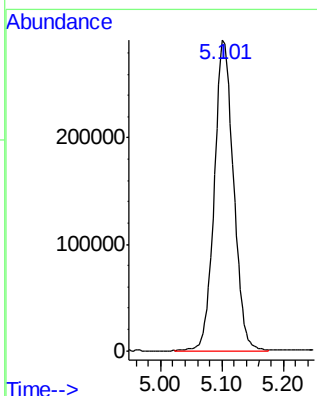
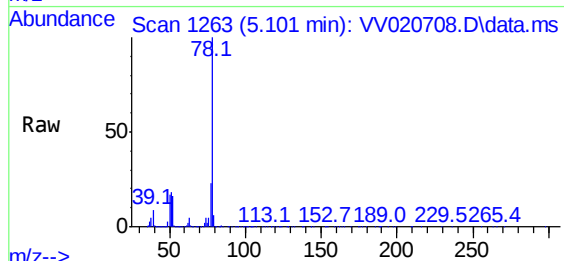
119 95.3 76.3 114.5





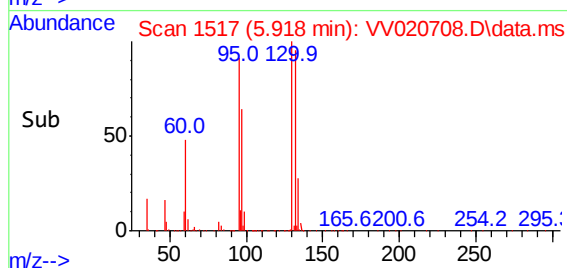
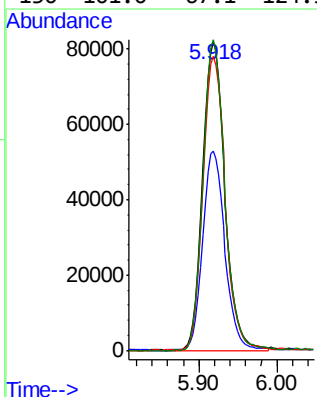
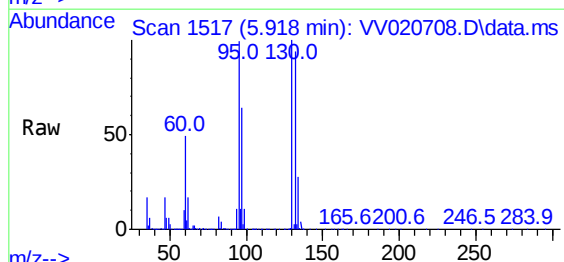
#33
Benzene
Concen: 47.69 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02
Tgt Ion: 78 Resp: 632767

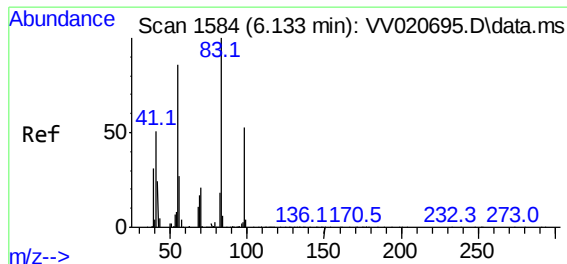
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089



#34
Trichloroethene
Concen: 43.59 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02
Tgt Ion: 95 Resp: 163217

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.5	82.7
132	95.4	63.4	117.8
130	101.0	67.1	124.5

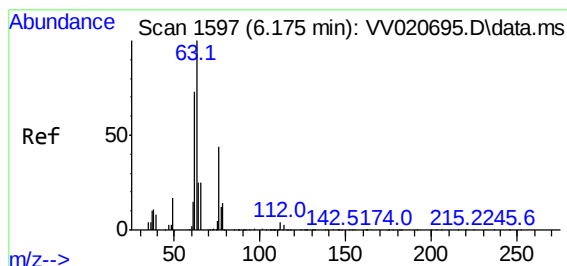
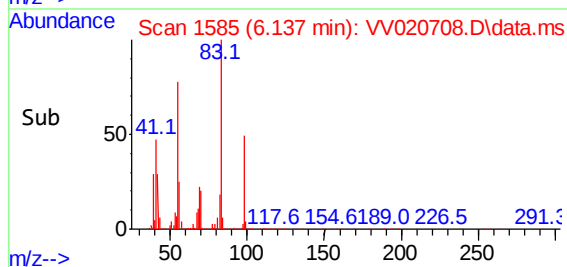
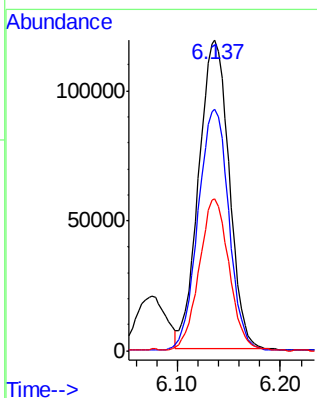
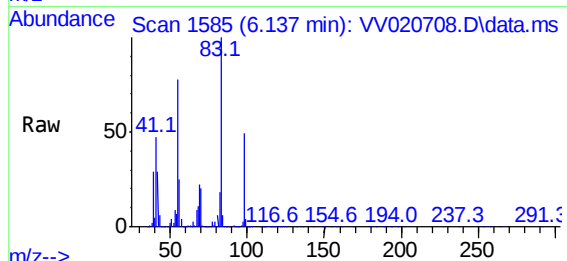




#35
Methylcyclohexane
Concen: 47.19 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

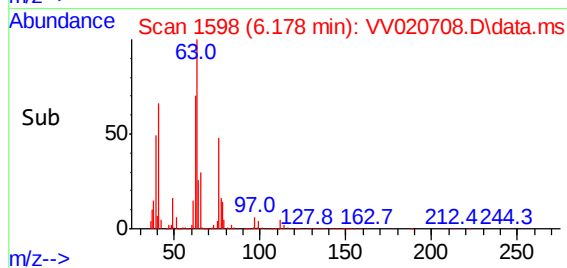
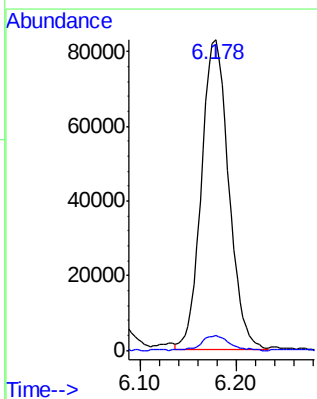
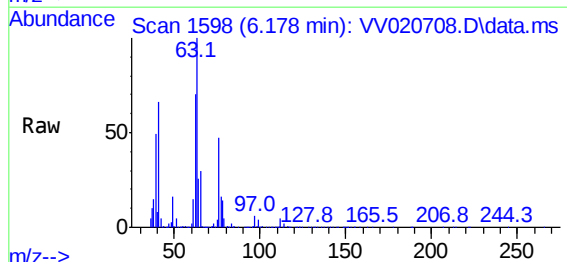
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

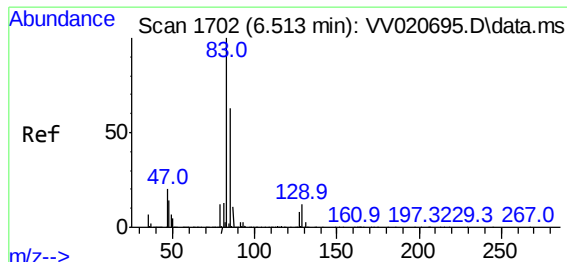
Tgt Ion: 83 Resp: 242848
Ion Ratio Lower Upper
83 100
55 79.1 65.1 97.7
98 49.0 38.2 57.2



#37
1,2-Dichloropropane
Concen: 47.47 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 63 Resp: 164466
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9

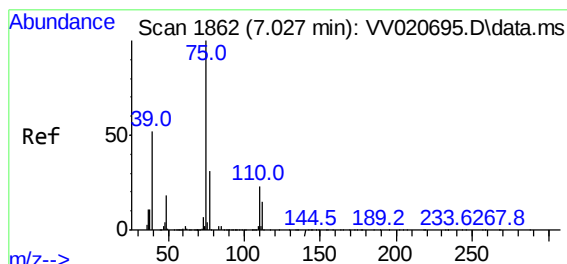
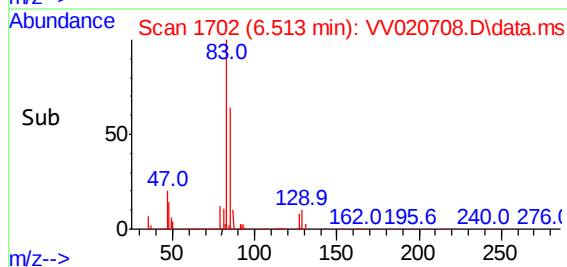
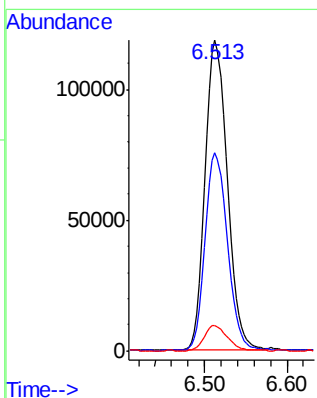
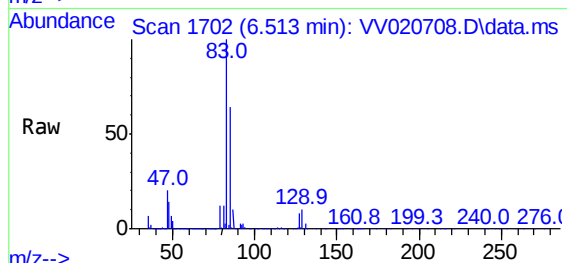




#38
Bromodichloromethane
Concen: 48.61 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

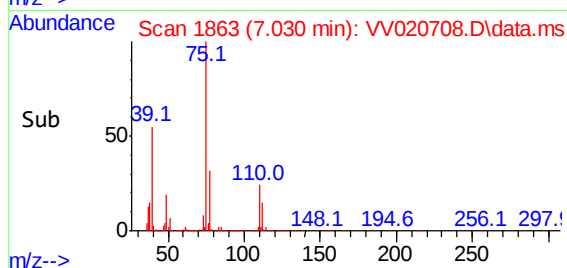
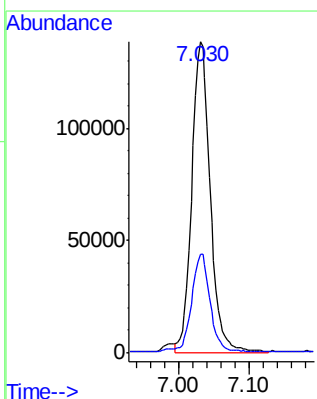
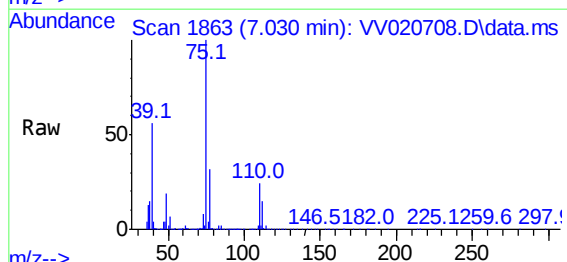
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

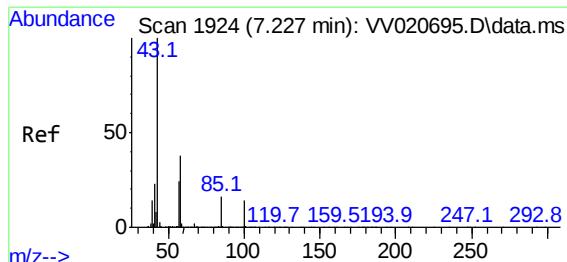
Tgt Ion: 83 Resp: 221779
Ion Ratio Lower Upper
83 100
85 63.9 44.5 82.7
127 8.0 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 48.68 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 75 Resp: 250196
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.6

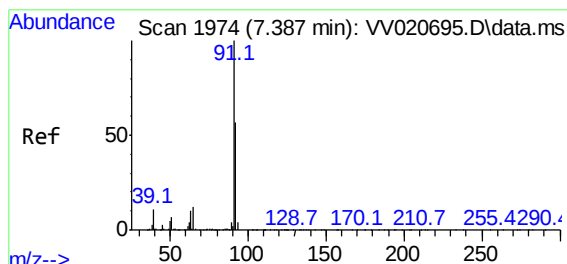
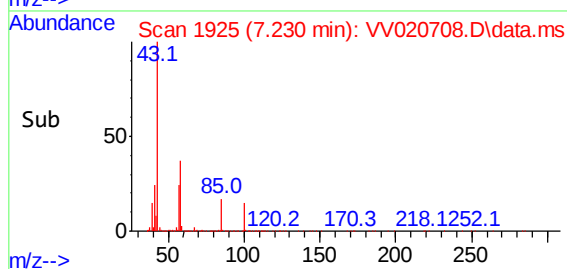
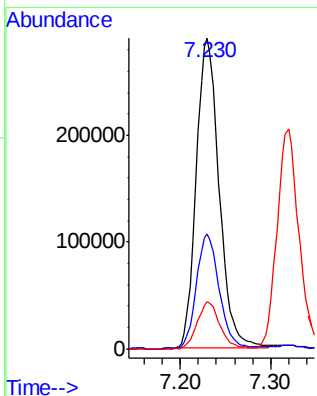
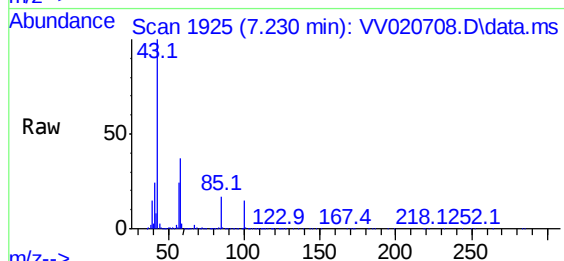




#40
4-Methyl-2-pentanone
Concen: 98.04 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

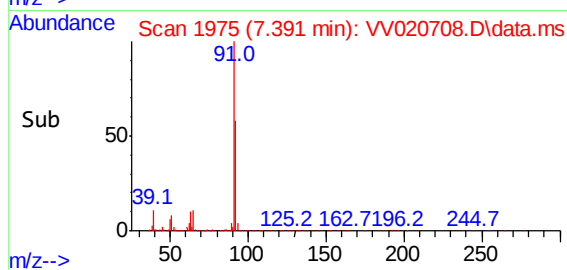
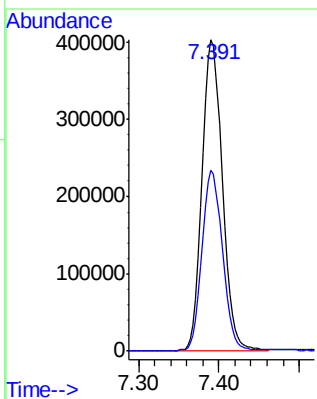
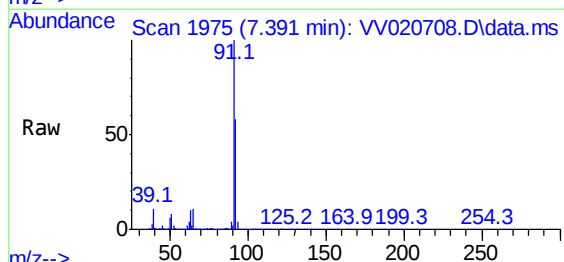
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

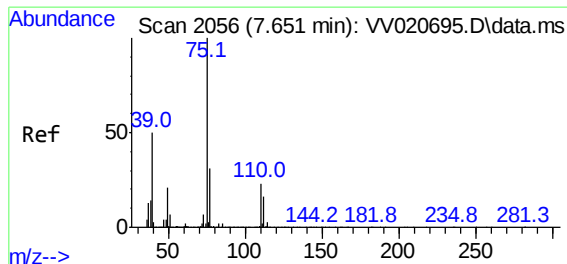
Tgt Ion: 43 Resp: 510890
Ion Ratio Lower Upper
43 100
58 36.8 30.7 46.1
100 14.9 11.6 17.4



#42
Toluene
Concen: 49.39 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 91 Resp: 684220
Ion Ratio Lower Upper
91 100
92 58.1 40.7 75.7

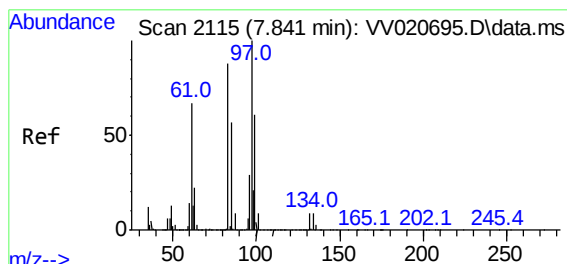
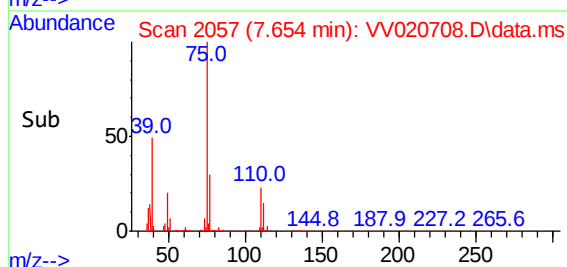
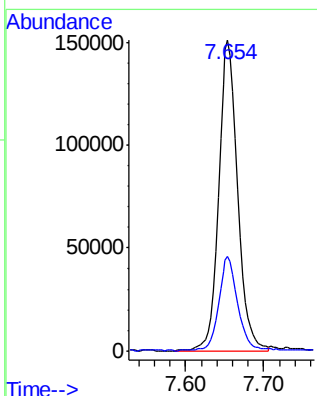
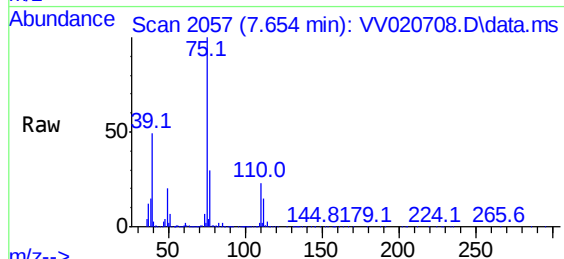




#44
trans-1,3-Dichloropropene
Concen: 51.43 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

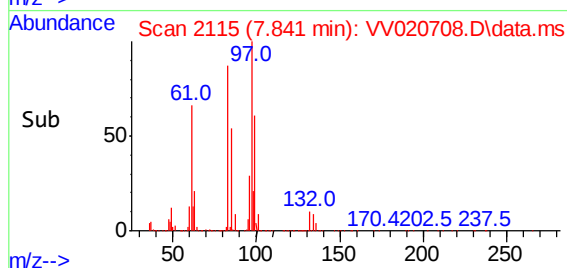
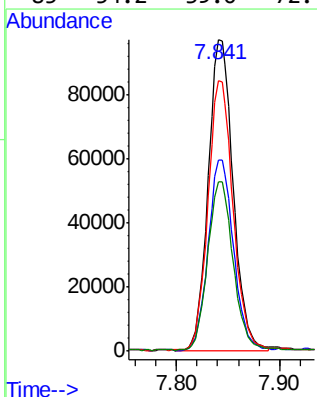
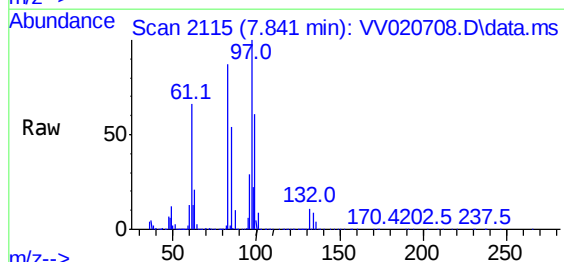
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

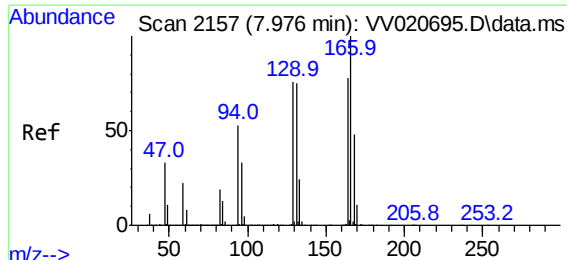
Tgt Ion: 75 Resp: 259836
Ion Ratio Lower Upper
75 100
77 30.4 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 50.40 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 97 Resp: 162718
Ion Ratio Lower Upper
97 100
99 61.4 43.8 81.3
83 86.8 62.2 115.4
85 54.2 39.0 72.4

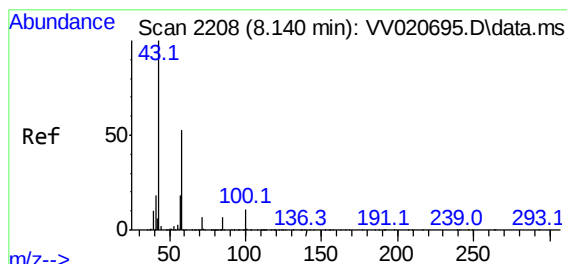
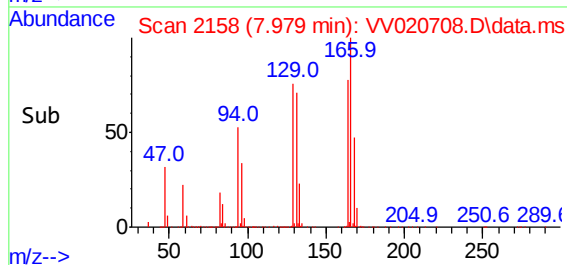
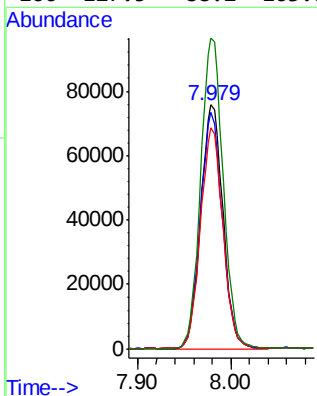
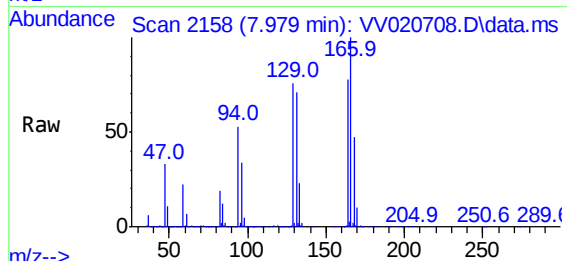




#46
Tetrachloroethene
Concen: 52.37 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

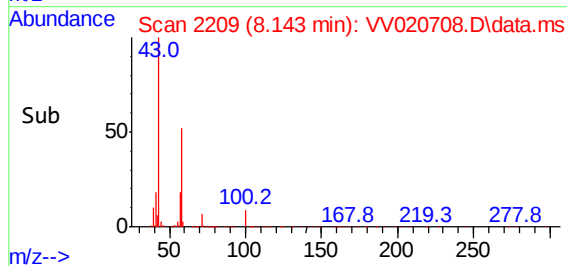
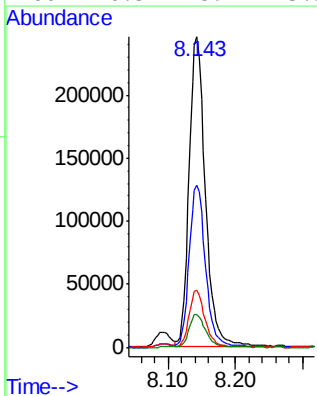
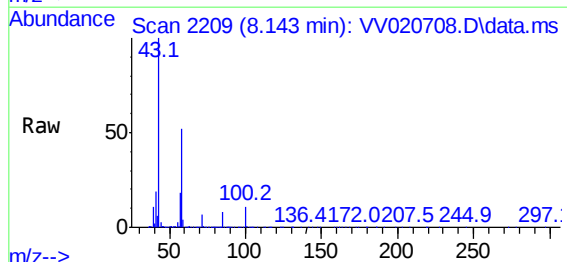
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

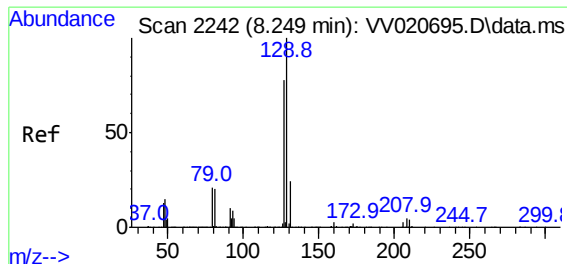
Tgt Ion:164 Resp: 125815
Ion Ratio Lower Upper
164 100
129 97.1 70.6 131.0
131 90.7 66.8 124.0
166 127.5 88.2 163.8



#48
2-Hexanone
Concen: 100.84 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 43 Resp: 410432
Ion Ratio Lower Upper
43 100
58 51.3 41.8 62.6
57 16.9 15.0 22.4
100 10.5 8.9 13.3

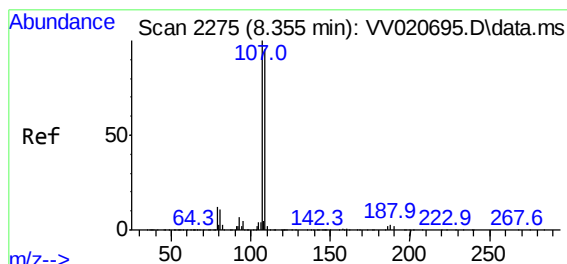
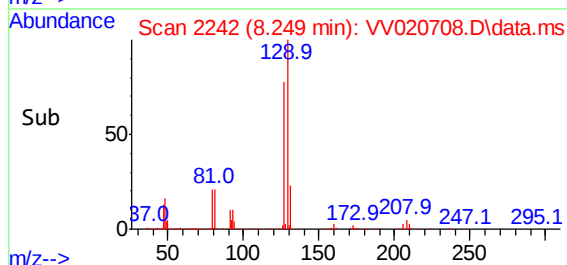
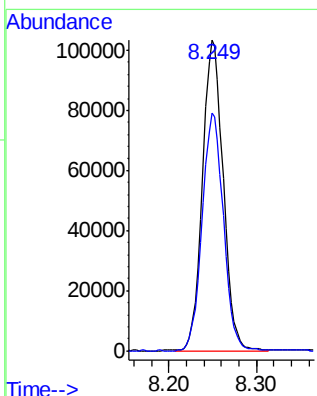
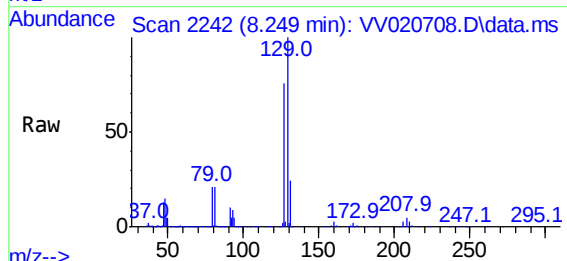




#49
Dibromochloromethane
Concen: 50.42 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

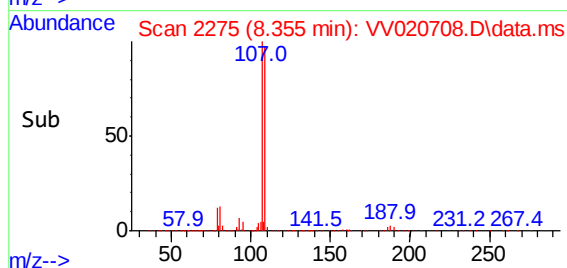
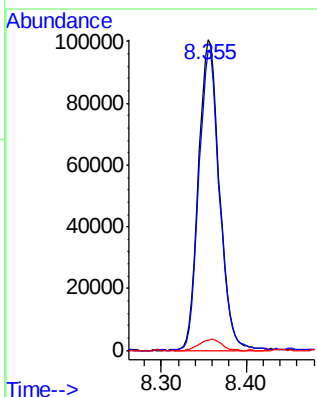
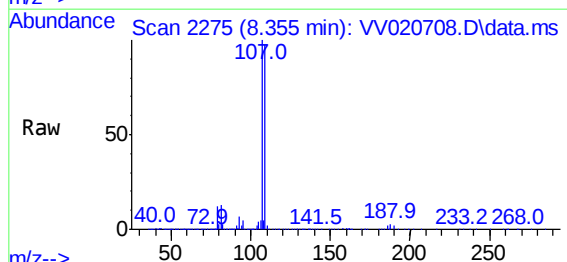
Instrument :
MSVOA_V
ClientSampled :
VSTD05089

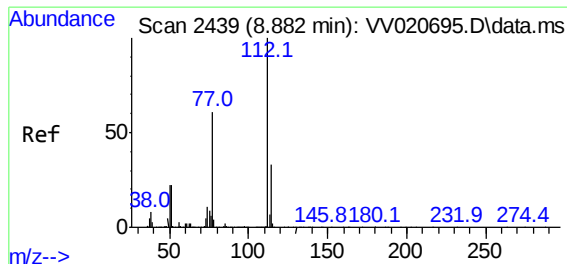
Tgt Ion:129 Resp: 169488
Ion Ratio Lower Upper
129 100
127 76.5 55.2 102.6



#50
1,2-Dibromoethane
Concen: 49.78 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion:107 Resp: 172139
Ion Ratio Lower Upper
107 100
109 96.8 66.2 123.0
188 3.4 2.6 3.8

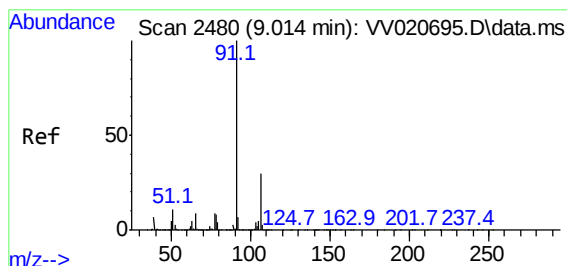
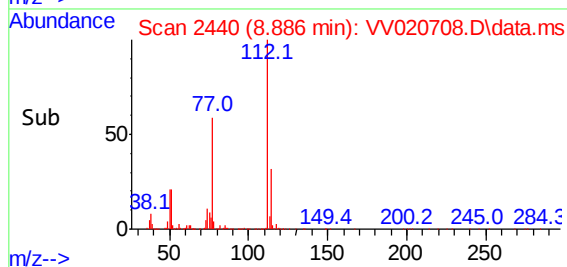
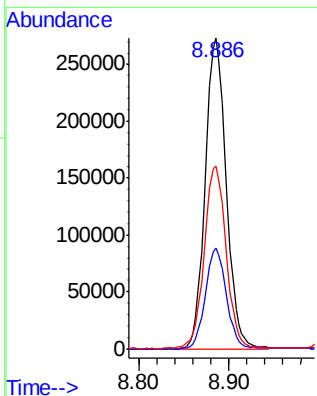
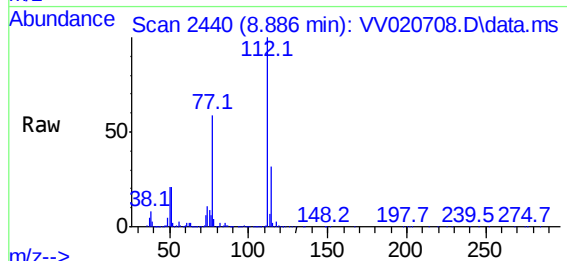




#51
Chlorobenzene
Concen: 48.88 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

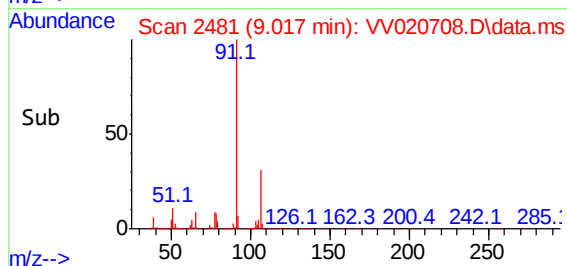
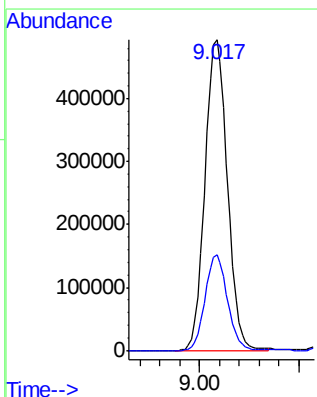
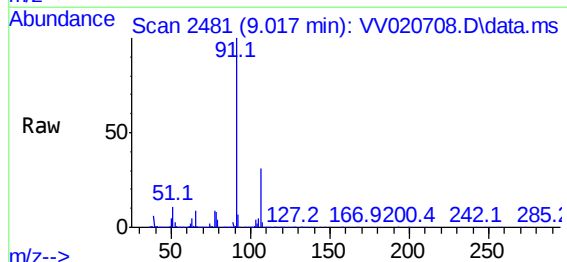
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

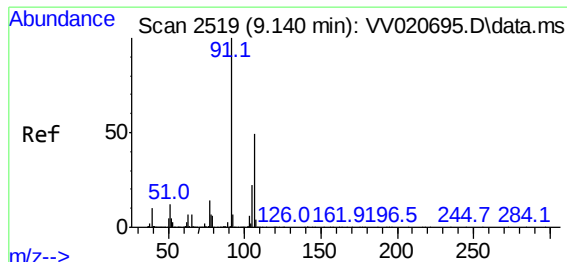
Tgt Ion:112 Resp: 437938
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 58.7 49.0 73.6



#52
Ethylbenzene
Concen: 49.00 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 91 Resp: 768360
Ion Ratio Lower Upper
91 100
106 30.7 21.0 39.0

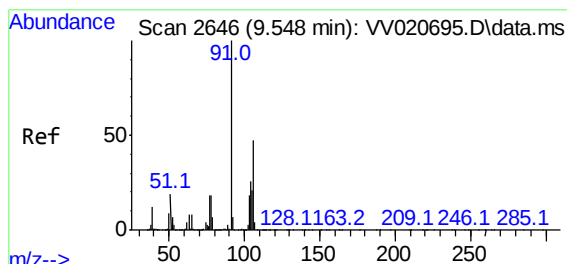
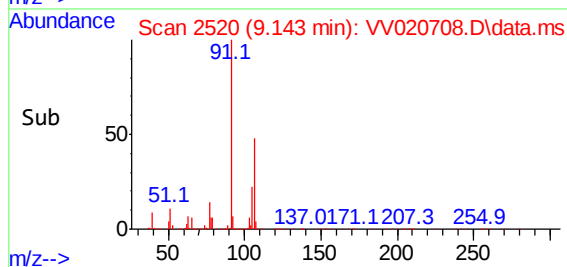
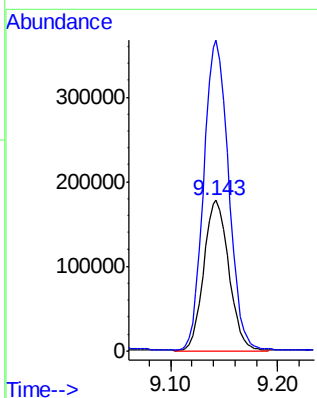
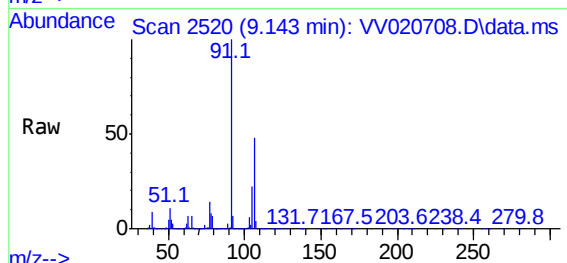




#53
m,p-Xylene
Concen: 50.03 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

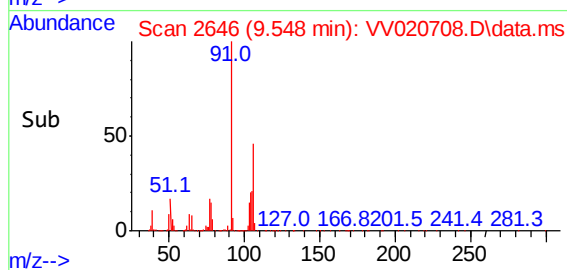
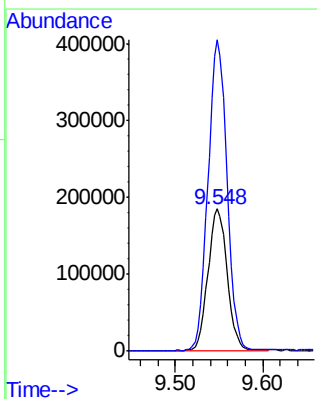
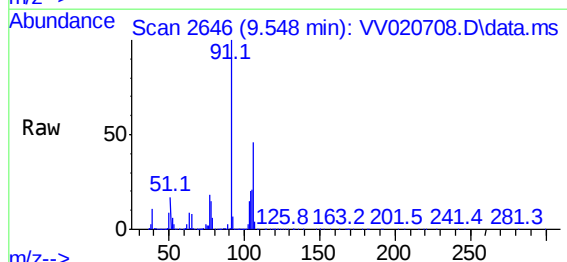
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

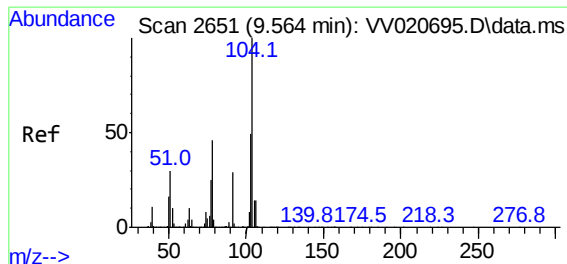
Tgt Ion:106 Resp: 286522
Ion Ratio Lower Upper
106 100
91 207.0 148.1 275.0



#54
o-xylene
Concen: 50.43 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion:106 Resp: 279603
Ion Ratio Lower Upper
106 100
91 219.4 156.4 290.6

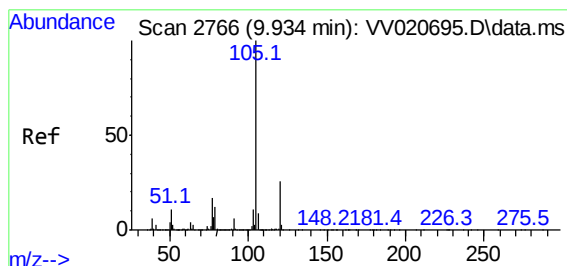
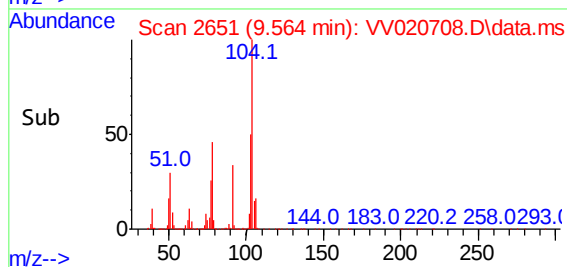
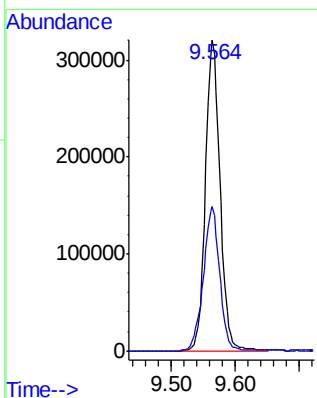
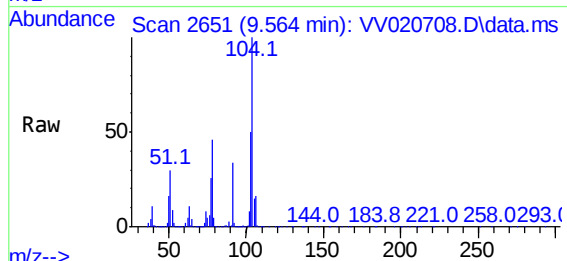




#55
Styrene
Concen: 52.37 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

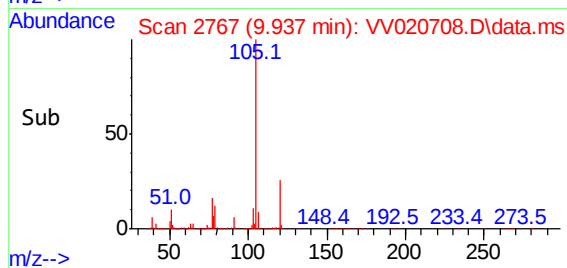
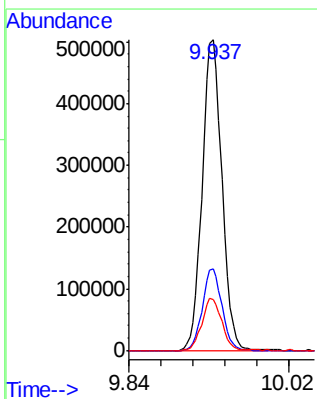
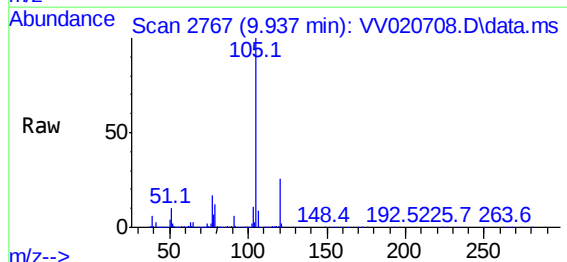
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

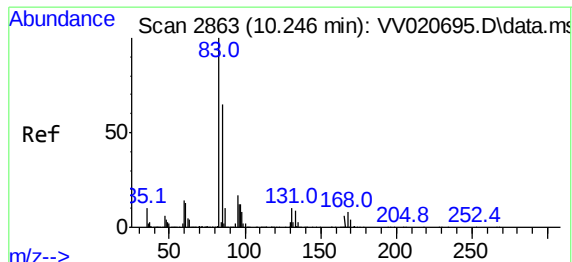
Tgt Ion:104 Resp: 506975
Ion Ratio Lower Upper
104 100
78 46.4 33.7 62.5



#56
Isopropylbenzene
Concen: 50.60 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion:105 Resp: 759040
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.8 13.6 20.4



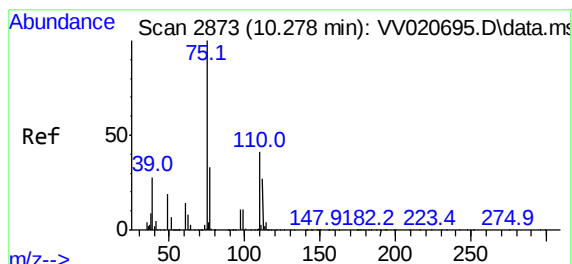
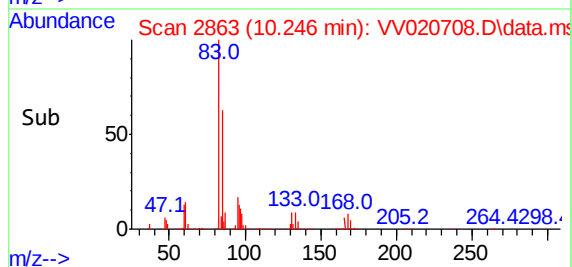
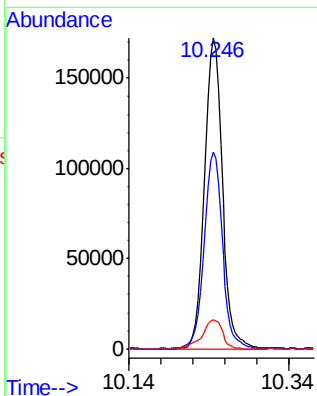
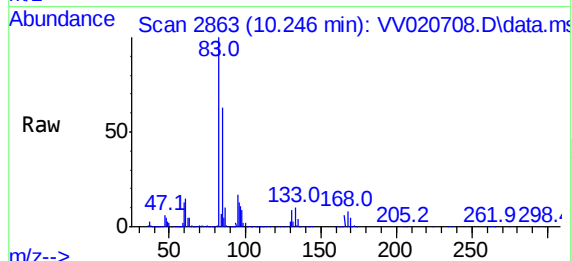


#58
 1,1,2,2-Tetrachloroethane
 Concen: 57.32 ug/L
 RT: 10.246 min Scan# 2863
 Delta R.T. -0.000 min
 Lab File: VV020708.D
 Acq: 22 Mar 2021 18:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Tgt Ion: 83 Resp: 274829

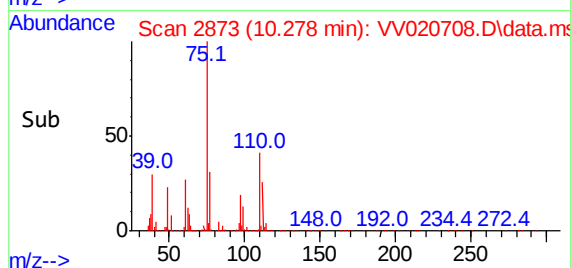
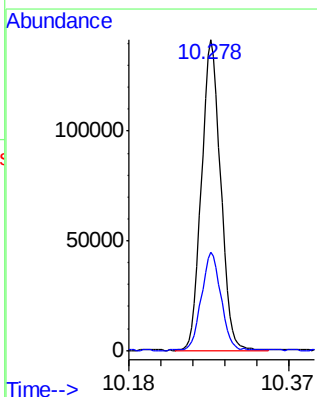
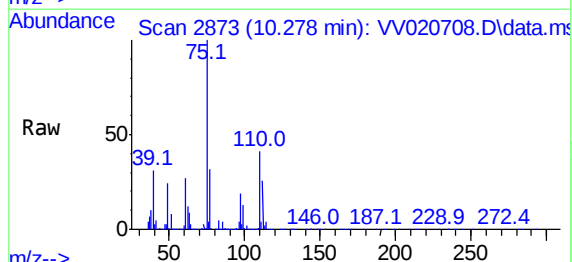
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.3	82.3
131	9.4	7.3	10.9

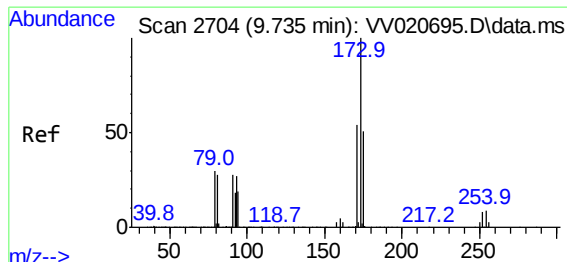


#59
 1,2,3-Trichloropropane
 Concen: 50.24 ug/L
 RT: 10.278 min Scan# 2873
 Delta R.T. -0.000 min
 Lab File: VV020708.D
 Acq: 22 Mar 2021 18:02

Tgt Ion: 75 Resp: 220563

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0

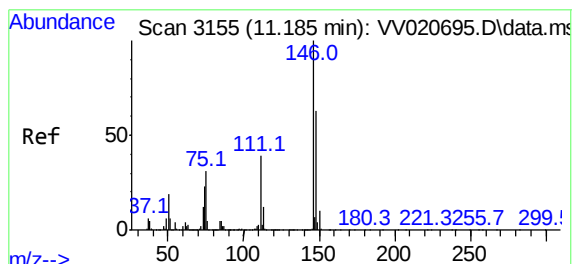
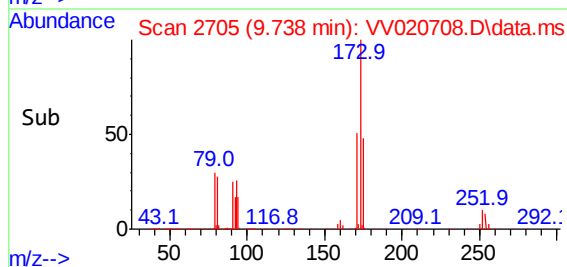
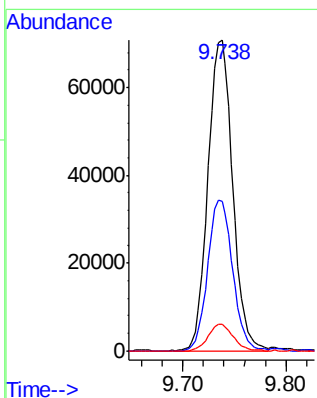
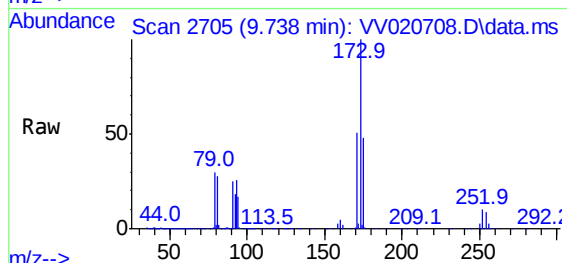




#61
Bromoform
Concen: 49.99 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

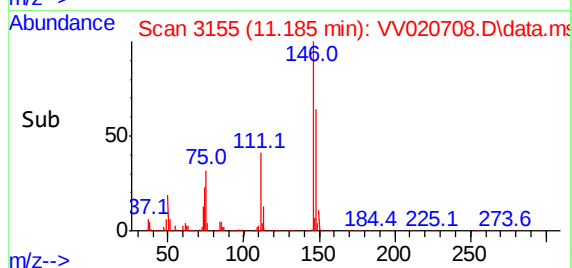
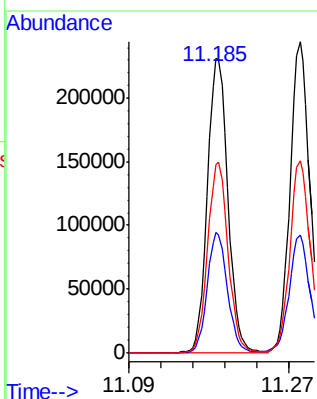
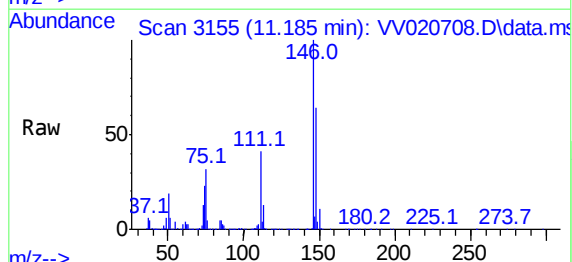
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

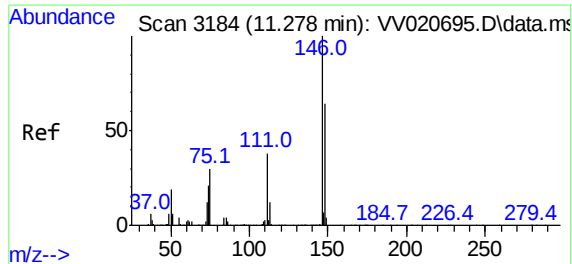
Tgt Ion:173 Resp: 117888
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
254 8.6 6.5 9.7



#62
1,3-Dichlorobenzene
Concen: 47.71 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion:146 Resp: 360518
Ion Ratio Lower Upper
146 100
111 41.1 30.2 56.2
148 63.9 45.0 83.6

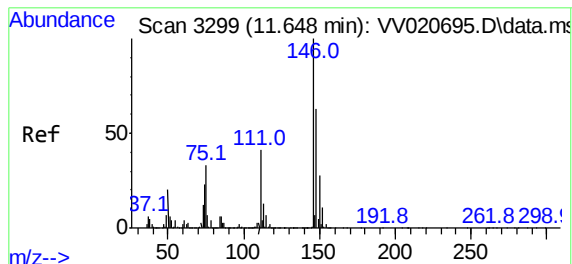
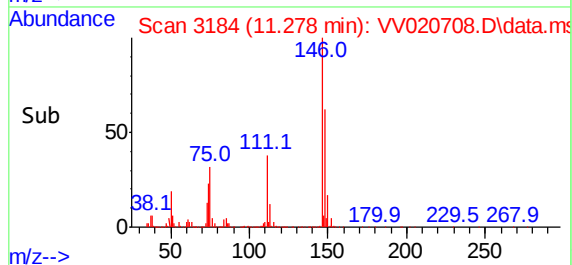
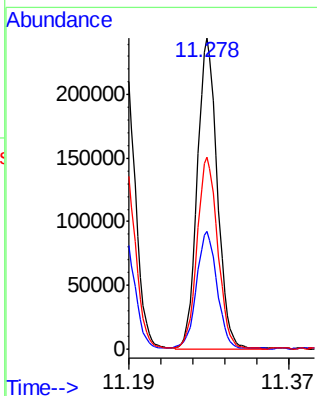
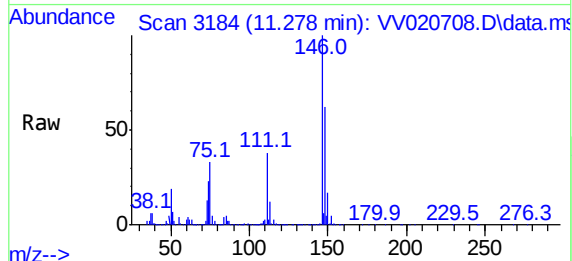




#63
1,4-Dichlorobenzene
Concen: 47.42 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

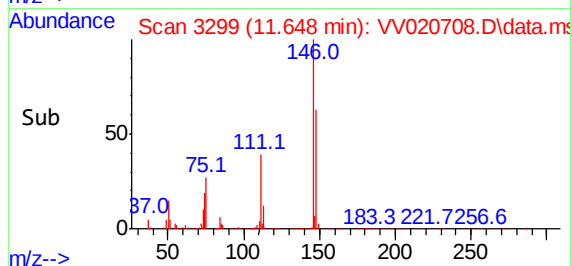
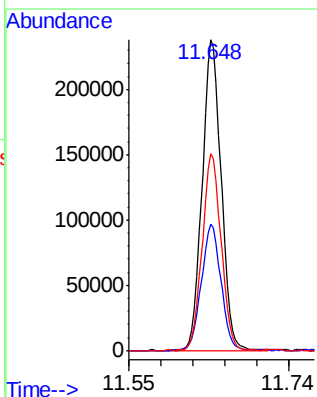
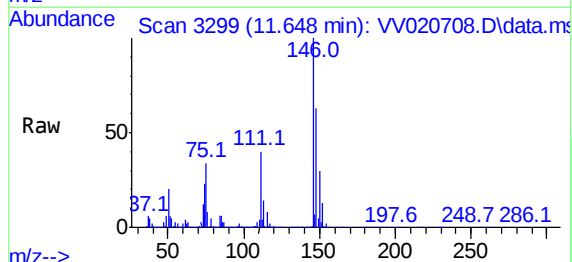
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

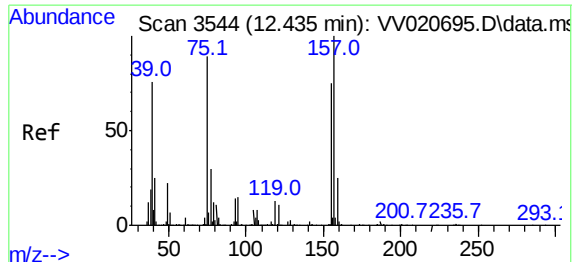
Tgt Ion:146 Resp: 373944
Ion Ratio Lower Upper
146 100
111 37.7 29.4 54.6
148 61.6 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 48.74 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion:146 Resp: 366573
Ion Ratio Lower Upper
146 100
111 40.5 36.3 54.5
148 63.2 51.7 77.5



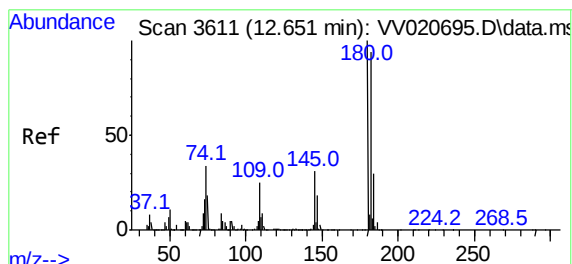
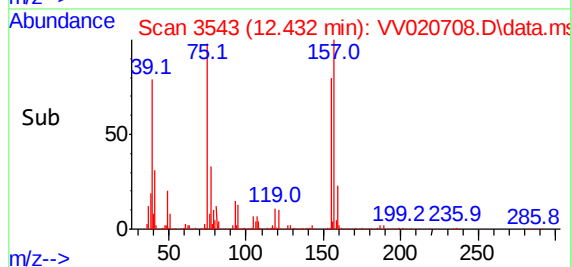
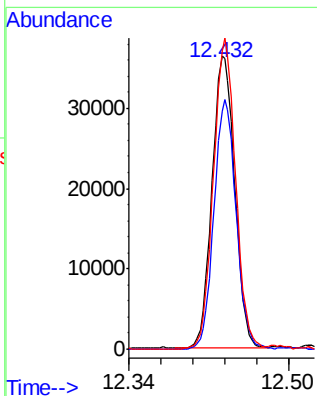
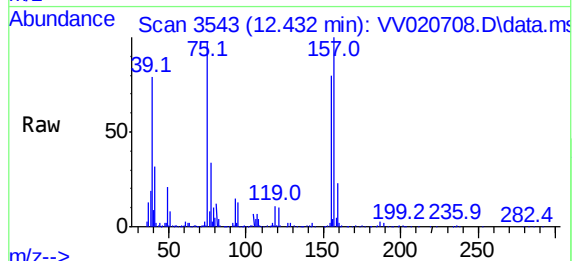


#66
1,2-Dibromo-3-chloropropane
Concen: 52.25 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.003 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

Tgt Ion: 75 Resp: 59348

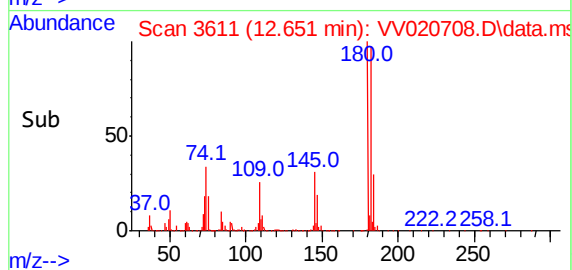
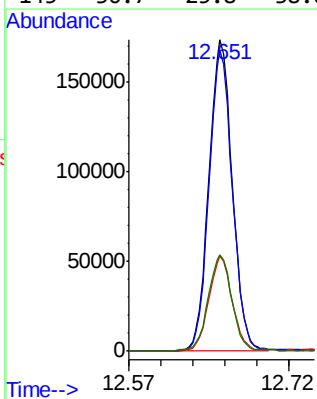
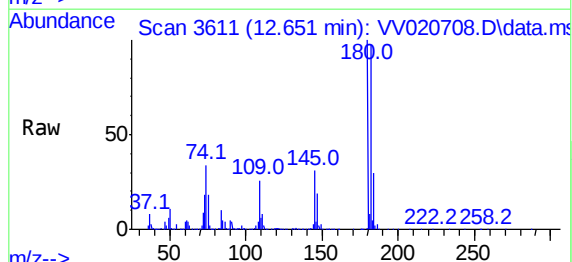
Ion	Ratio	Lower	Upper
75	100		
155	81.2	59.1	88.7
157	101.9	75.4	113.0

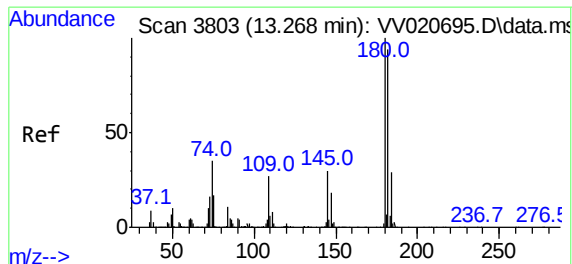


#67
1,3,5-Trichlorobenzene
Concen: 48.45 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion: 180 Resp: 260711

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.0	112.6
184	30.0	24.0	36.0
145	30.7	25.8	38.6

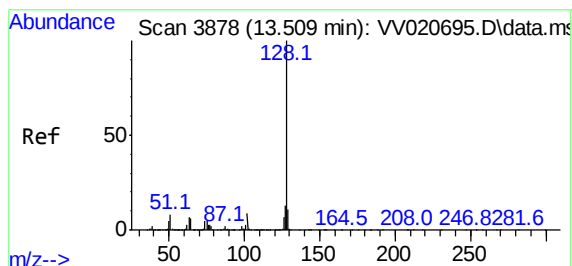
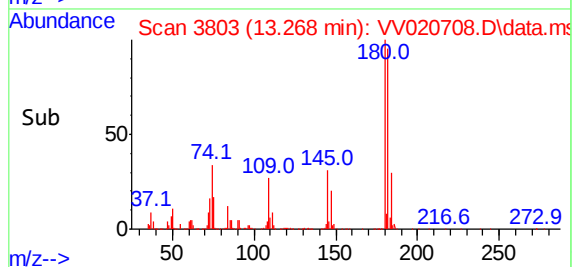
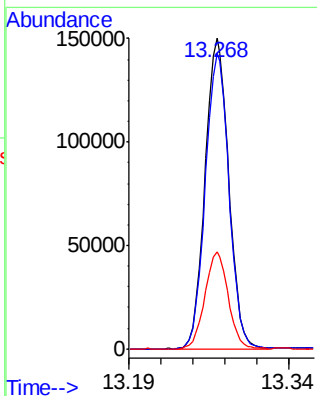
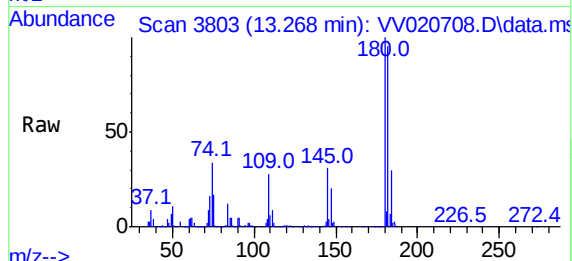




#68
1,2,4-trichlorobenzene
Concen: 48.74 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

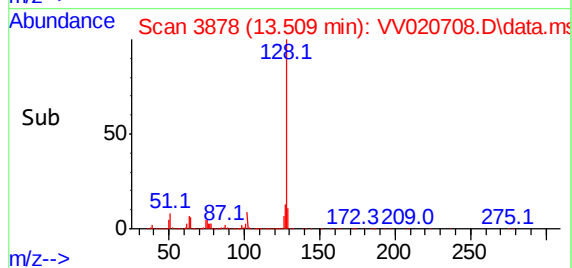
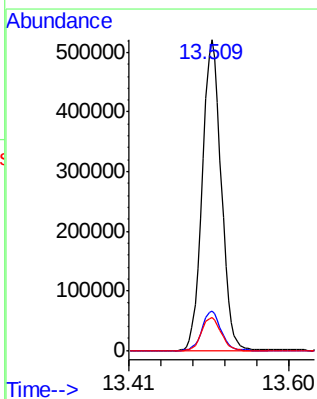
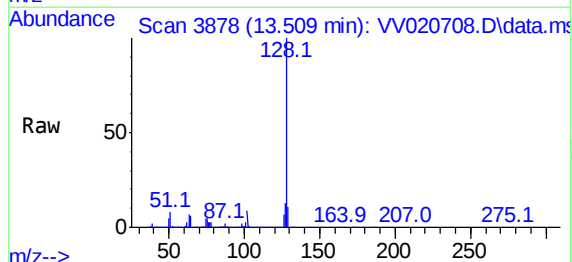
Instrument :
MSVOA_V
ClientSampleId :
VSTD05089

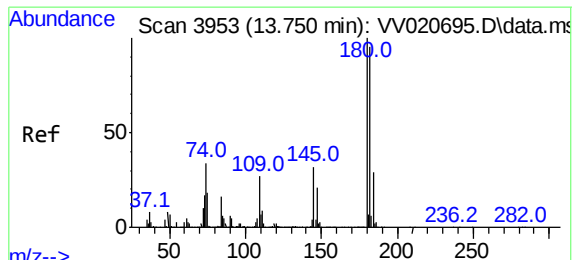
Tgt Ion:180 Resp: 227696
Ion Ratio Lower Upper
180 100
182 95.6 75.1 112.7
145 30.8 26.8 40.2



#69
Naphthalene
Concen: 51.45 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020708.D
Acq: 22 Mar 2021 18:02

Tgt Ion:128 Resp: 781501
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.6 13.0





#70
 1,2,3-Trichlorobenzene
 Concen: 50.88 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. -0.000 min
 Lab File: VV020708.D
 Acq: 22 Mar 2021 18:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Tgt Ion:180 Resp: 235633

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.1	114.1
145	33.0	27.9	41.9

