

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032221\
 Data File : VW020695.D
 Acq On : 22 Mar 2021 12:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Mar 23 02:04:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	441942	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	437531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	235872	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	175247	49.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.32%		
7) Chloroethane-d5	1.571	69	127645	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.52%		
11) 1,1-Dichloroethene-d2	2.111	63	297516	43.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.82%		
21) 2-Butanone-d5	3.892	46	229949	100.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.50%		
24) Chloroform-d	4.349	84	310054	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.08%		
26) 1,2-Dichloroethane-d4	5.034	65	201244	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.44%		
32) Benzene-d6	5.050	84	589023	48.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.44%		
36) 1,2-Dichloropropane-d6	6.072	67	186295	48.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.34%		
41) Toluene-d8	7.317	98	540117	50.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.54%		
43) trans-1,3-Dichloroprop...	7.622	79	96170	53.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.40%		
47) 2-Hexanone-d5	8.092	63	163732	113.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.15%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	270041	55.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.74%		
64) 1,2-Dichlorobenzene-d4	11.628	152	216275	47.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	191047	52.36	ug/L	100
3) Chloromethane	1.243	50	204061	48.34	ug/L	98
5) Vinyl chloride	1.314	62	199599	47.17	ug/L	100
6) Bromomethane	1.523	94	113178	45.40	ug/L	100
8) Chloroethane	1.587	64	111321	43.35	ug/L	100
9) Trichlorofluoromethane	1.754	101	275317	48.82	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	142936	46.48	ug/L	96
12) 1,1-Dichloroethene	2.121	96	127445	42.72	ug/L	88
13) Acetone	2.188	43	178608	95.57	ug/L	96
14) Carbon disulfide	2.294	76	418874	46.30	ug/L	99
15) Methyl Acetate	2.436	43	183934	51.39	ug/L	99
16) Methylene chloride	2.507	84	165196	47.79	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	152291	47.78	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	486084	50.15	ug/L	99
19) 1,1-Dichloroethane	3.191	63	291828	47.99	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	166164	50.50	ug/L #	91
22) 2-Butanone	3.976	43	264722	102.41	ug/L	94
23) Bromochloromethane	4.249	128	86668	52.79	ug/L	91
25) Chloroform	4.375	83	301873	47.53	ug/L	100
27) 1,2-Dichloroethane	5.130	62	245116	48.86	ug/L	99

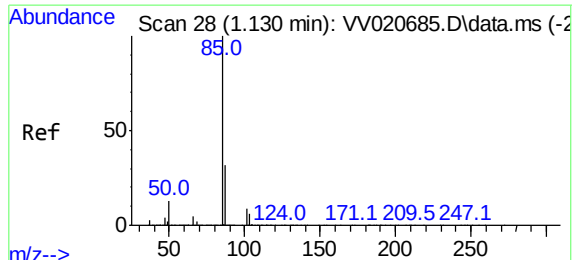
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 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	251669	46.97	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	265525	50.21	ug/L	97
31) Carbon tetrachloride	4.828	117	227726	53.01	ug/L	99
33) Benzene	5.101	78	643426	48.74	ug/L	100
34) Trichloroethene	5.915	95	163986	44.03	ug/L	97
35) Methylcyclohexane	6.133	83	254632	49.74	ug/L	98
37) 1,2-Dichloropropane	6.175	63	170556	49.48	ug/L	99
38) Bromodichloromethane	6.513	83	232811	51.29	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	253728	49.63	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	522949	100.87	ug/L	98
42) Toluene	7.387	91	696273	50.52	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	264278	52.58	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	167664	52.20	ug/L	99
46) Tetrachloroethene	7.976	164	126039	52.74	ug/L	98
48) 2-Hexanone	8.140	43	407080	100.53	ug/L	99
49) Dibromochloromethane	8.249	129	176343	52.73	ug/L	98
50) 1,2-Dibromoethane	8.355	107	175340	50.97	ug/L	99
51) Chlorobenzene	8.882	112	445251	49.95	ug/L	99
52) Ethylbenzene	9.014	91	782745	50.17	ug/L	100
53) m,p-Xylene	9.140	106	291884	51.23	ug/L	96
54) o-xylene	9.548	106	286237	51.90	ug/L	94
55) Styrene	9.564	104	515966	53.57	ug/L	96
56) Isopropylbenzene	9.934	105	781586	52.37	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	283938	59.52	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	218861	50.10	ug/L	99
61) Bromoform	9.735	173	124091	53.08	ug/L	98
62) 1,3-Dichlorobenzene	11.185	146	367049	49.00	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	375838	48.07	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	367116	49.24	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	59918	53.22	ug/L	85
67) 1,3,5-Trichlorobenzene	12.651	180	266209	49.90	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	238777	51.56	ug/L	98
69) Naphthalene	13.509	128	793067	52.67	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	238019	51.85	ug/L	99

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

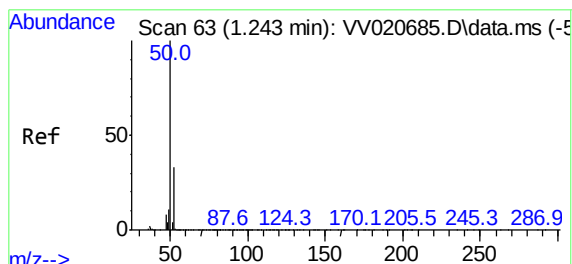
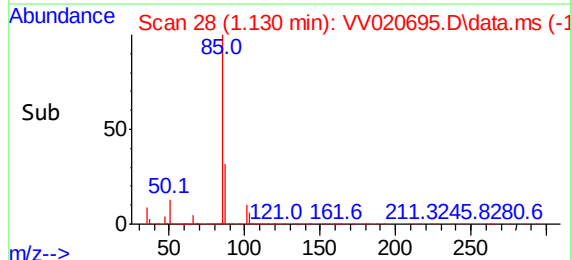
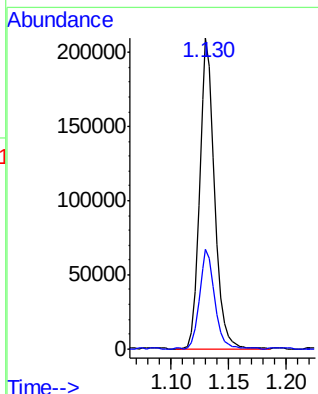
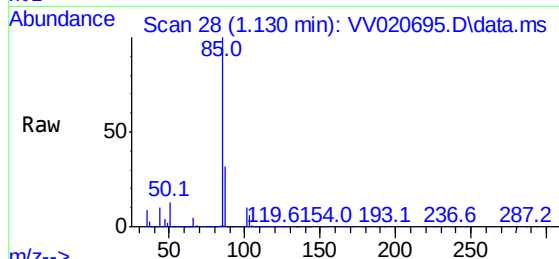


#2

Dichlorodifluoromethane
 Concen: 52.36 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020695.D
 Acq: 22 Mar 2021 12:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

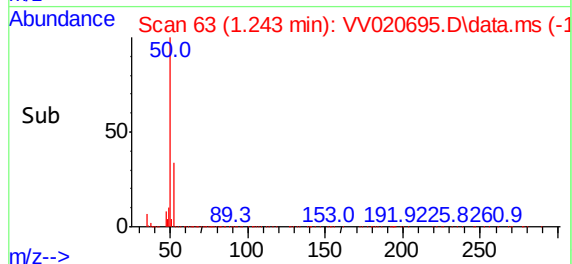
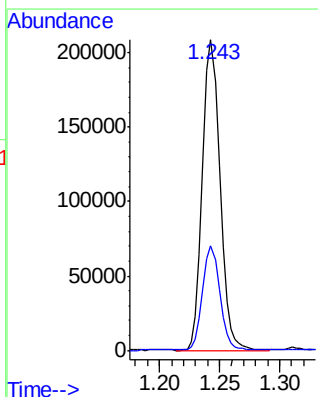
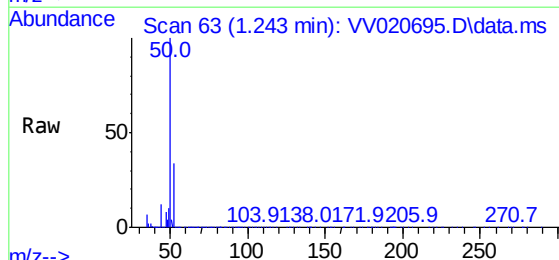
Tgt Ion: 85 Resp: 191047
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9

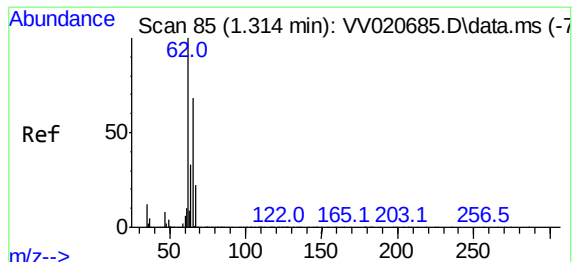


#3

Chloromethane
 Concen: 48.34 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020695.D
 Acq: 22 Mar 2021 12:00

Tgt Ion: 50 Resp: 204061
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.7 42.1

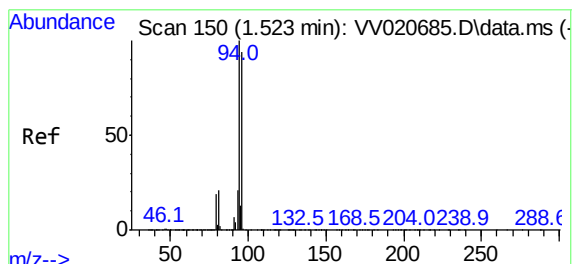
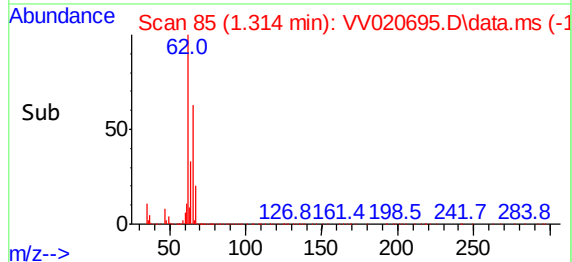
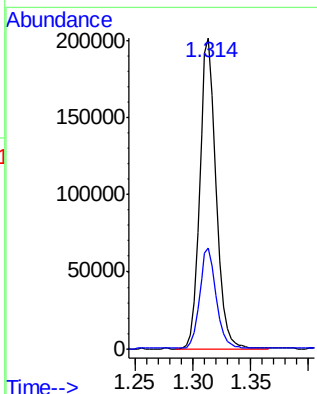
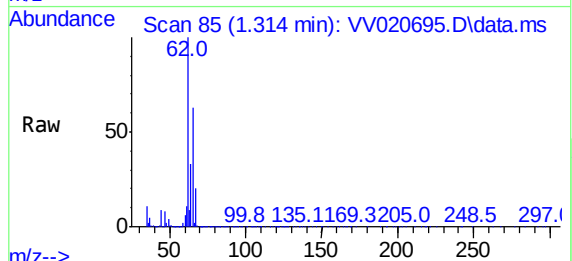




#5
 Vinyl chloride
 Concen: 47.17 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020695.D
 Acq: 22 Mar 2021 12:00

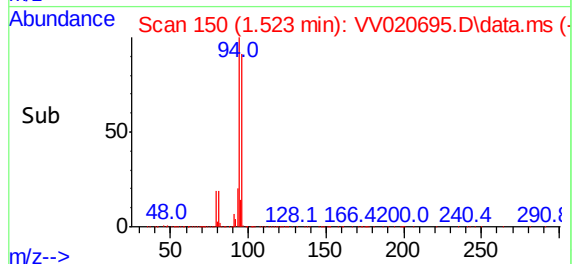
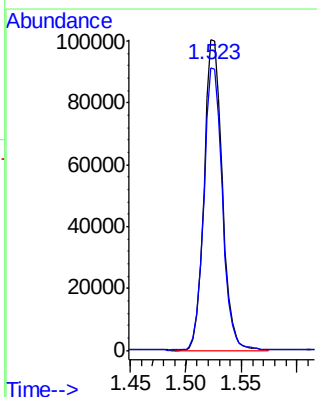
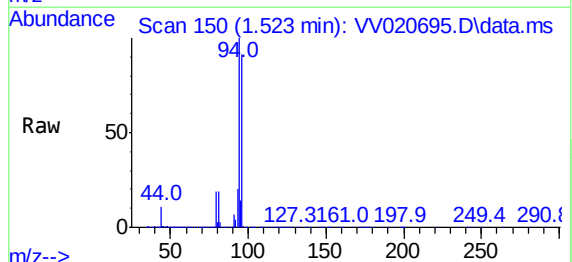
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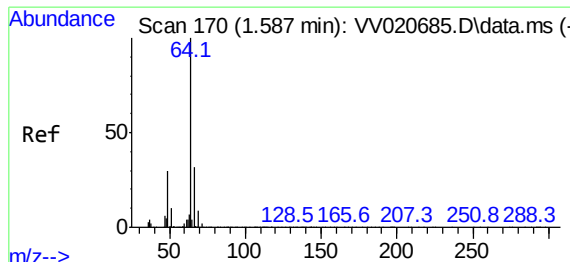
Tgt Ion: 62 Resp: 199599
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 45.40 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV020695.D
 Acq: 22 Mar 2021 12:00

Tgt Ion: 94 Resp: 113178
 Ion Ratio Lower Upper
 94 100
 96 90.8 63.6 118.2

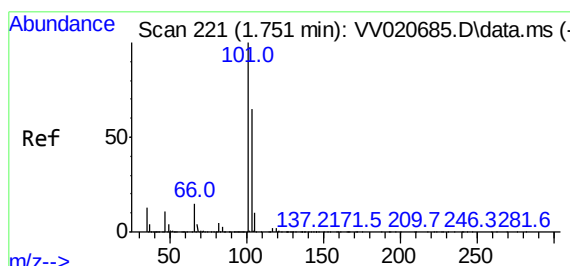
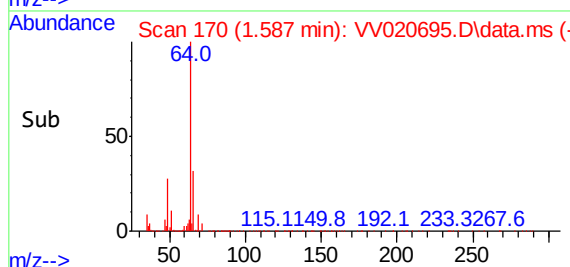
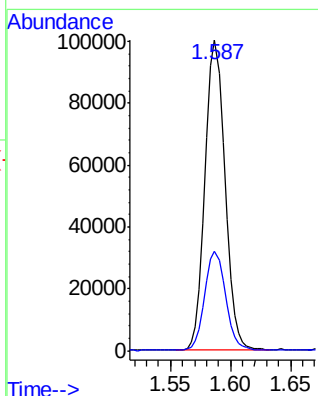
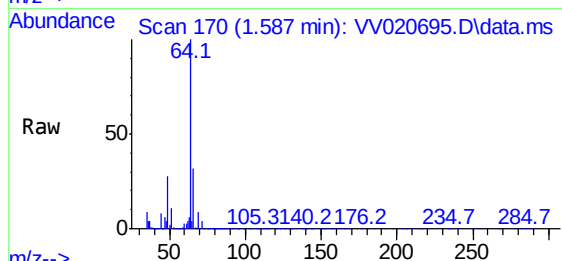




#8
Chloroethane
Concen: 43.35 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

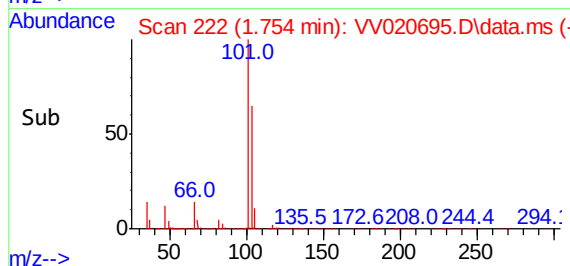
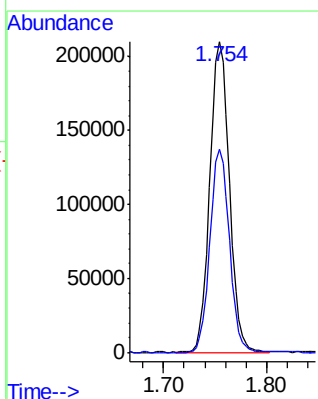
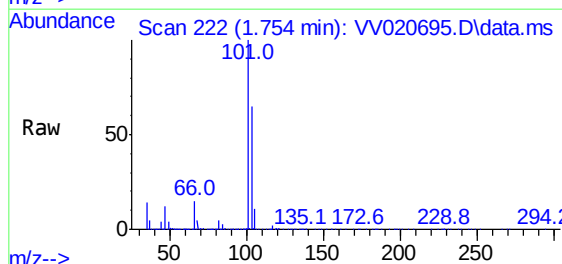
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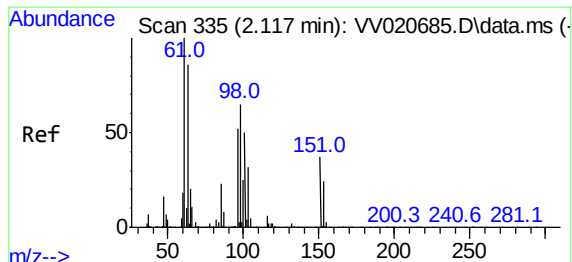
Tgt Ion: 64 Resp: 111321
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.82 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 101 Resp: 275317
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5



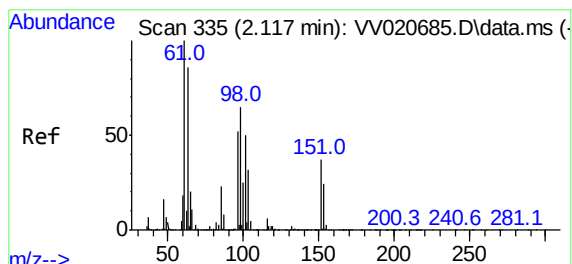
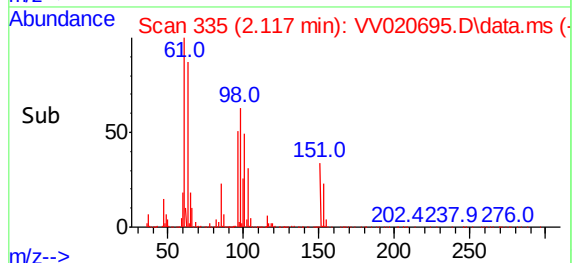
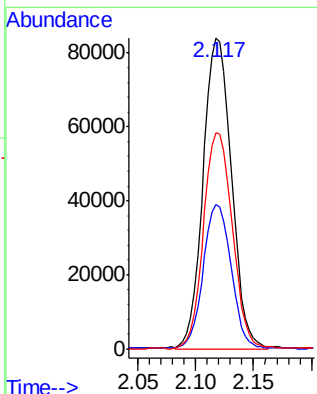
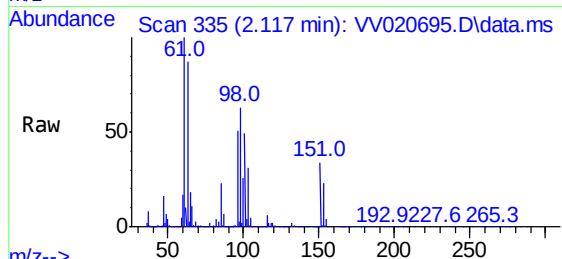


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.48 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020695.D
 Acq: 22 Mar 2021 12:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Tgt Ion:101 Resp: 142936

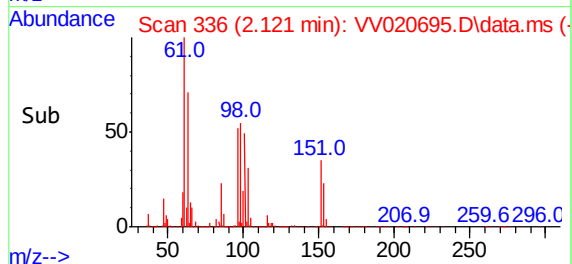
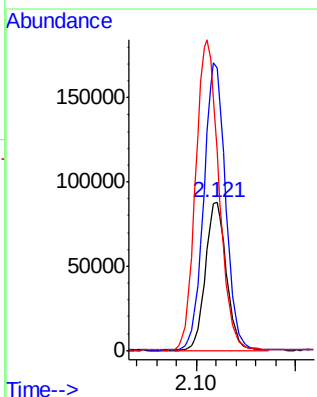
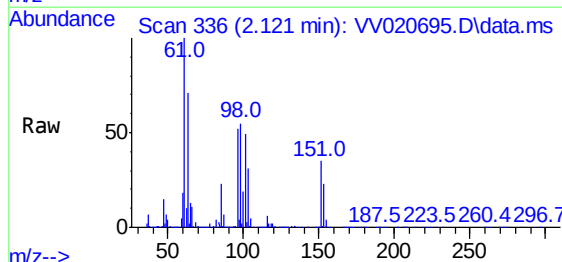
Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.3	52.9
151	71.0	53.6	80.4

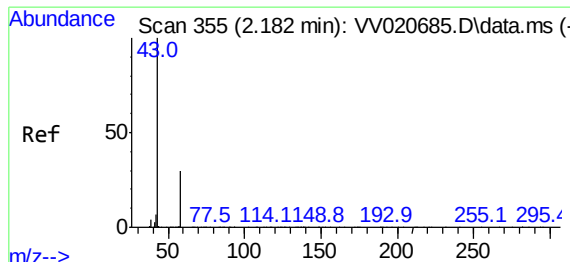


#12
 1,1-Dichloroethene
 Concen: 42.72 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV020695.D
 Acq: 22 Mar 2021 12:00

Tgt Ion: 96 Resp: 127445

Ion	Ratio	Lower	Upper
96	100		
61	191.4	134.9	250.5
63	135.1	117.6	218.4

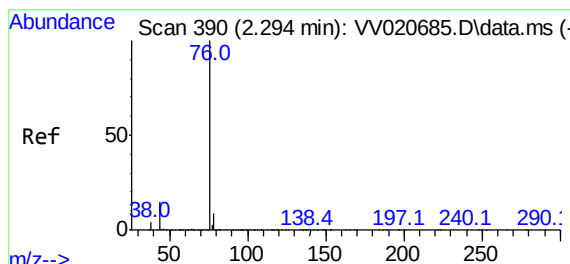
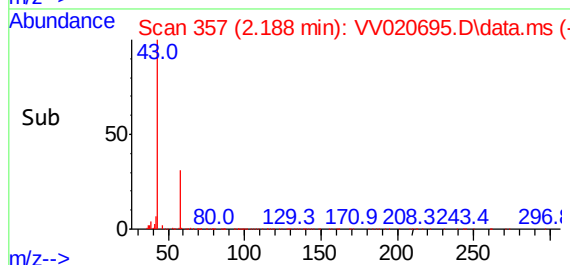
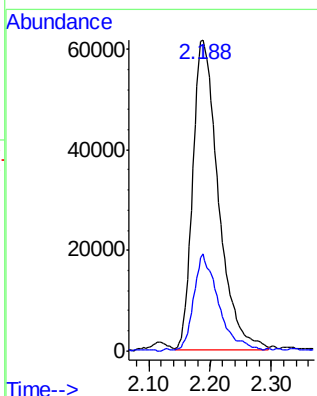
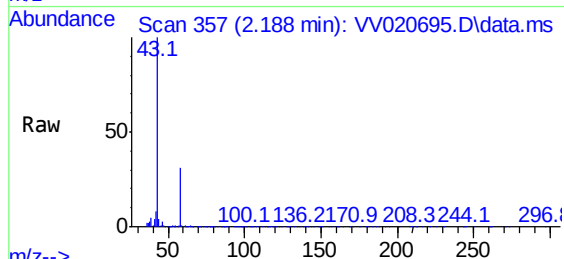




#13
Acetone
Concen: 95.57 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

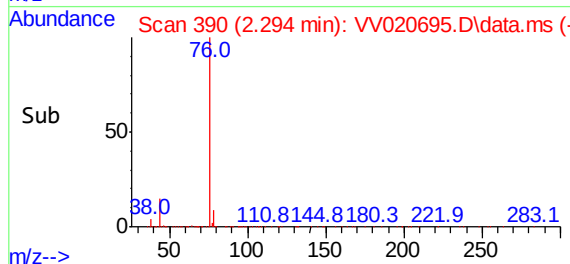
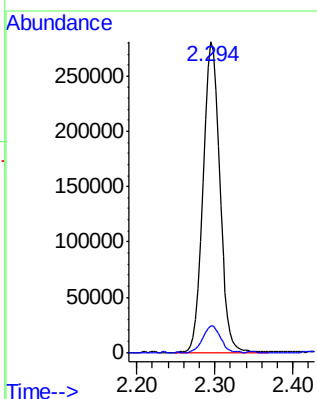
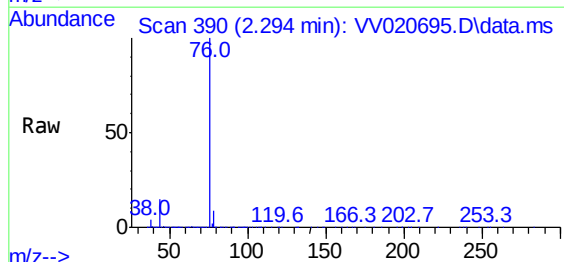
Instrument :
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ClientSampleId :
VSTD05088

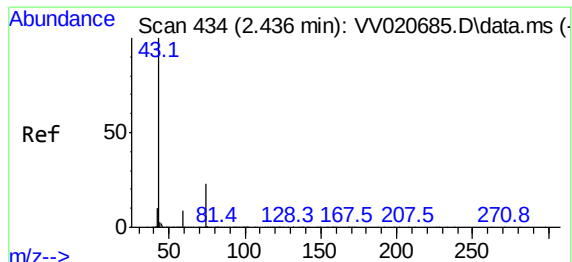
Tgt Ion: 43 Resp: 178608
Ion Ratio Lower Upper
43 100
58 28.1 0.0 60.2



#14
Carbon disulfide
Concen: 46.30 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 76 Resp: 418874
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

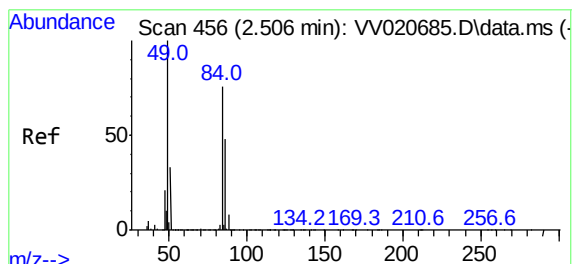
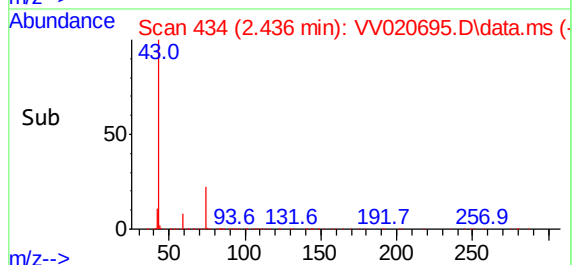
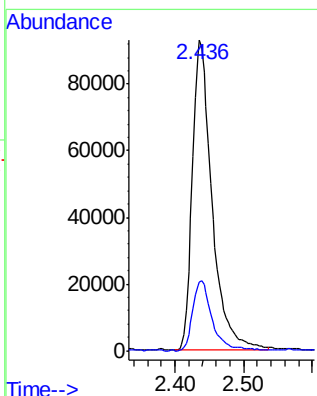
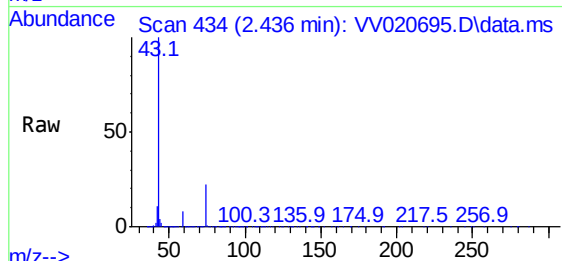




#15
Methyl Acetate
Concen: 51.39 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

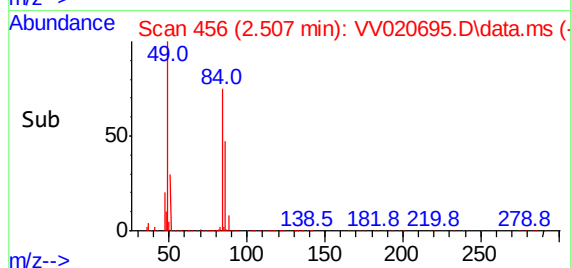
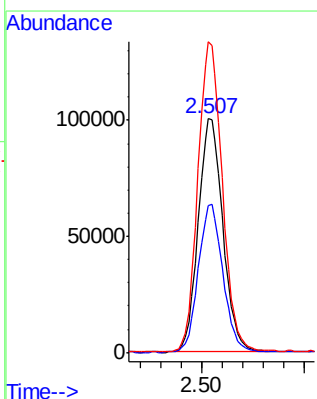
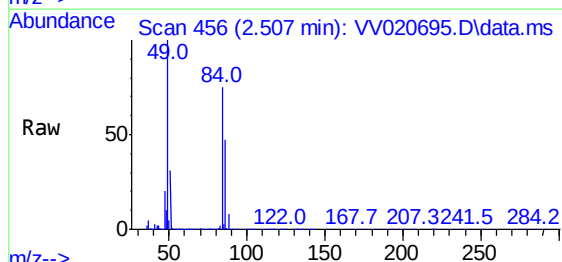
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

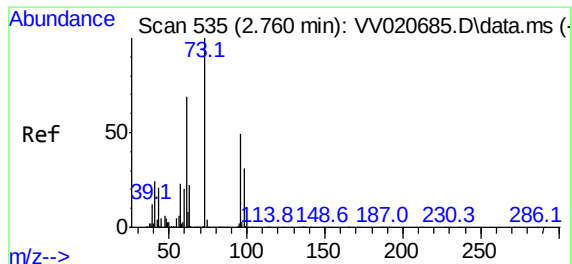
Tgt Ion: 43 Resp: 183934
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4



#16
Methylene chloride
Concen: 47.79 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 84 Resp: 165196
Ion Ratio Lower Upper
84 100
86 63.0 44.6 82.8
49 133.2 94.6 175.8

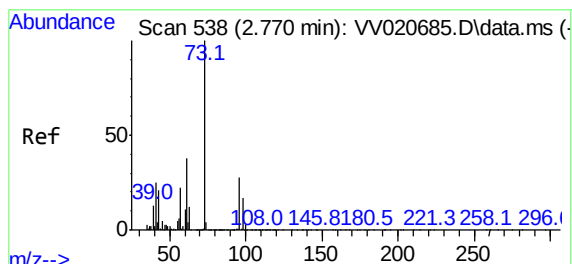
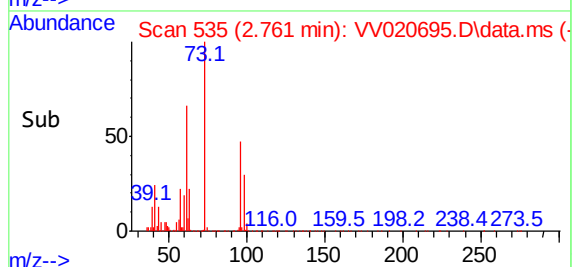
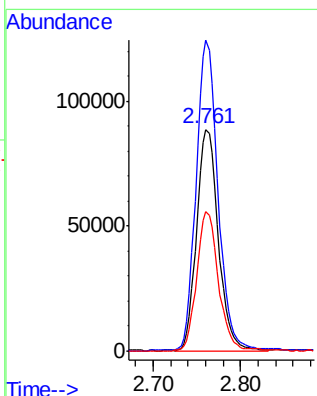
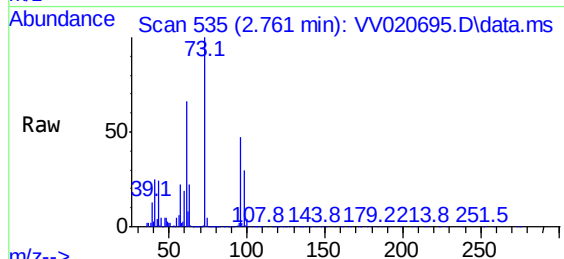




#17
trans-1,2-Dichloroethene
Concen: 47.78 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

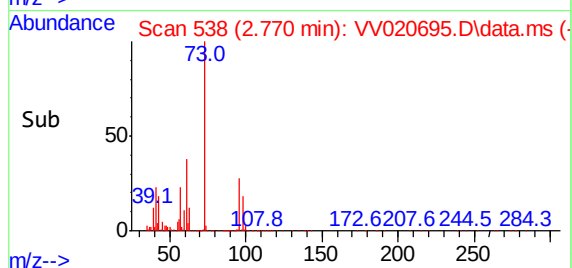
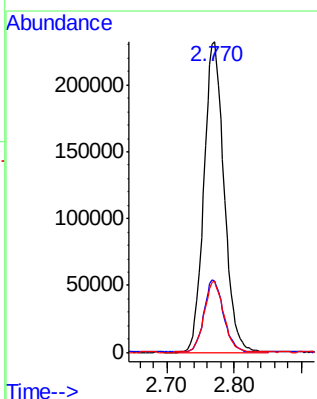
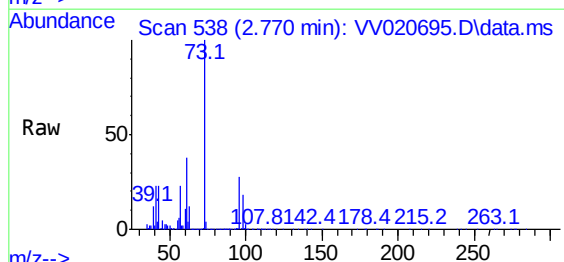
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

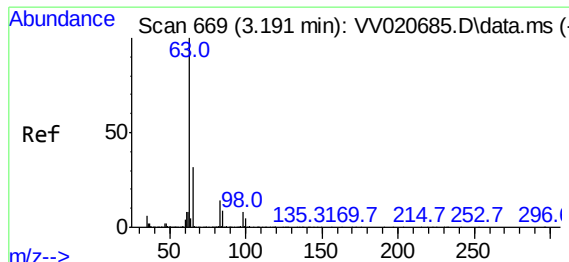
Tgt Ion: 96 Resp: 152291
Ion Ratio Lower Upper
96 100
61 140.5 103.1 191.5
98 62.9 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 50.15 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 73 Resp: 486084
Ion Ratio Lower Upper
73 100
43 22.3 17.3 25.9
57 22.3 17.9 26.9

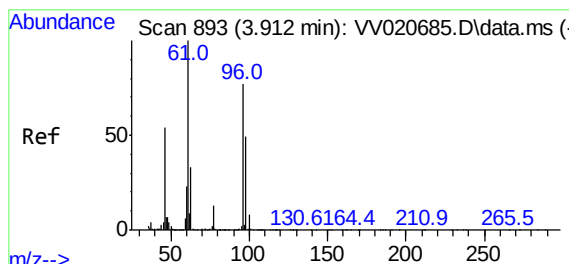
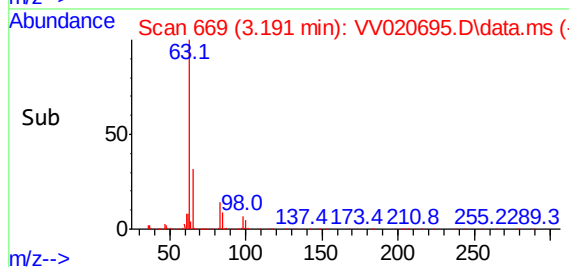
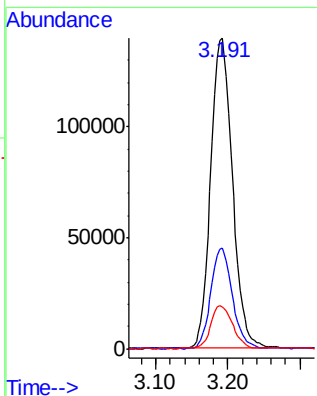
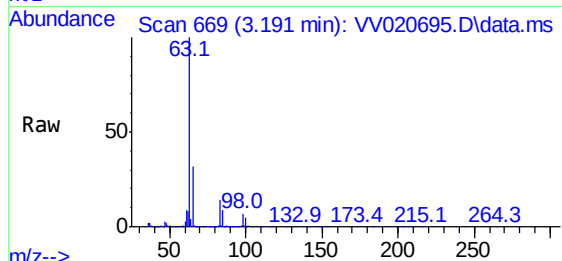




#19
1,1-Dichloroethane
Concen: 47.99 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

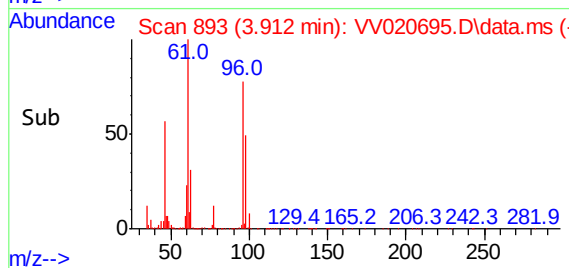
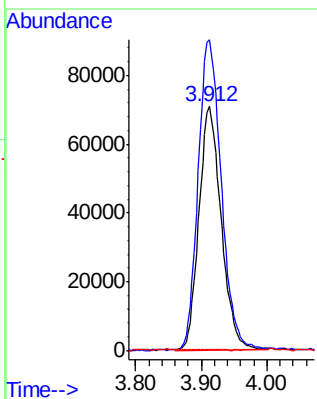
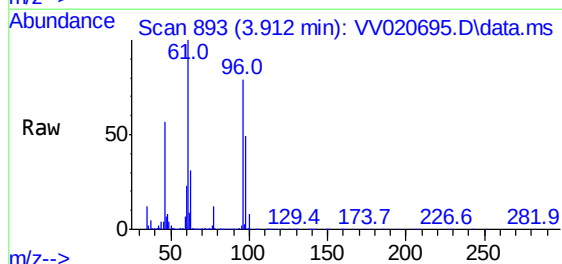
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

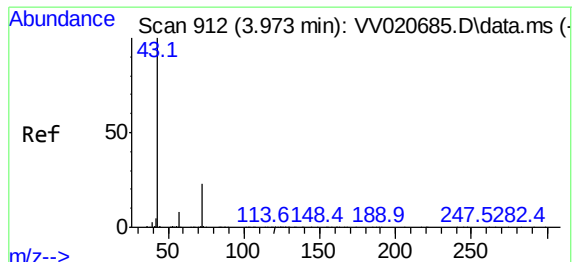
Tgt Ion: 63 Resp: 291828
Ion Ratio Lower Upper
63 100
65 32.4 21.9 40.7
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.50 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 96 Resp: 166164
Ion Ratio Lower Upper
96 100
61 127.4 96.9 179.9
68 0.5 0.0 0.0#

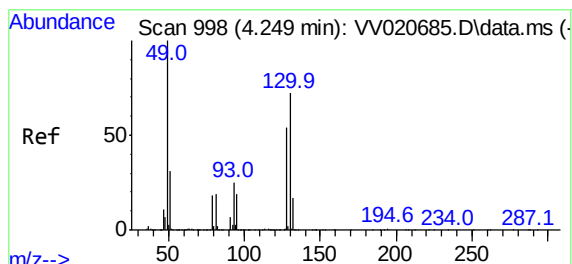
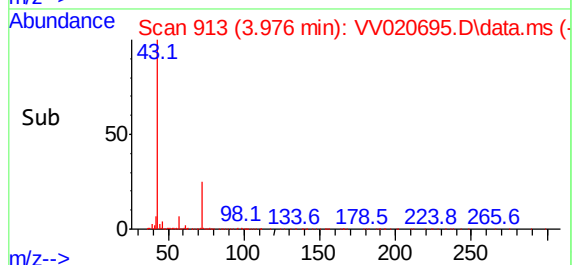
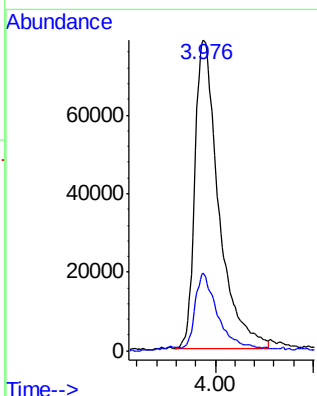
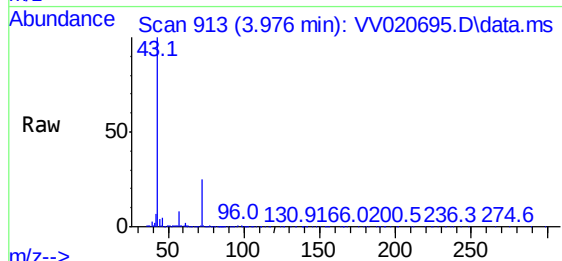




#22
2-Butanone
Concen: 102.41 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

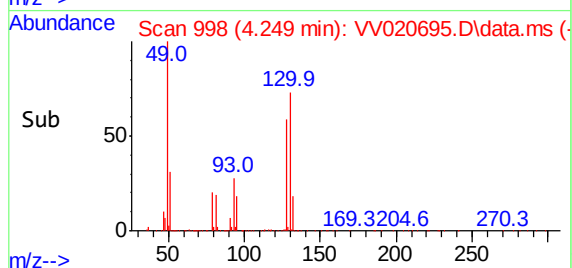
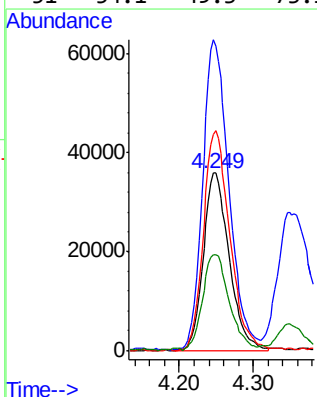
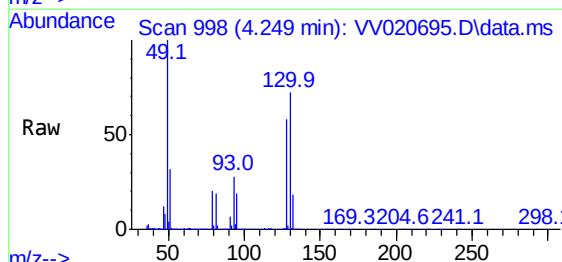
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

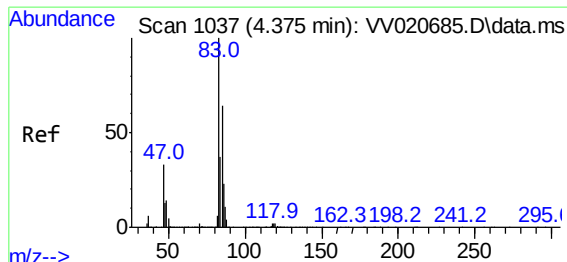
Tgt Ion: 43 Resp: 264722
Ion Ratio Lower Upper
43 100
72 21.5 12.2 36.6



#23
Bromochloromethane
Concen: 52.79 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 128 Resp: 86668
Ion Ratio Lower Upper
128 100
49 171.4 133.1 247.1
130 123.8 89.0 165.4
51 54.1 49.3 73.9

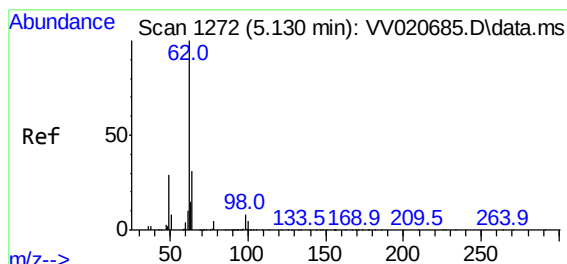
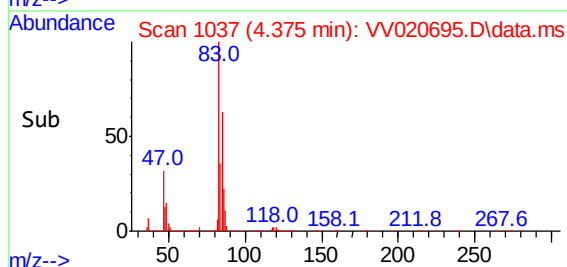
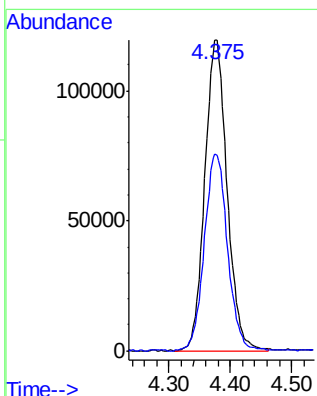
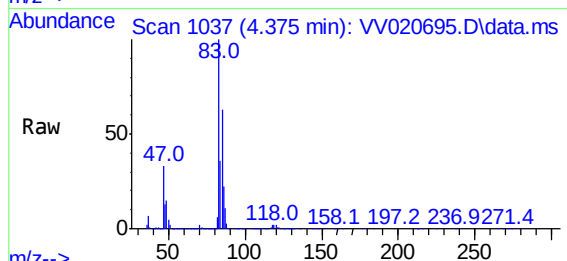




#25
Chloroform
Concen: 47.53 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

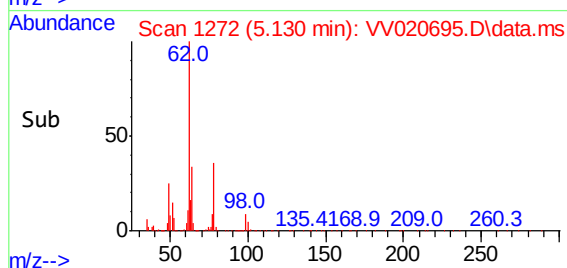
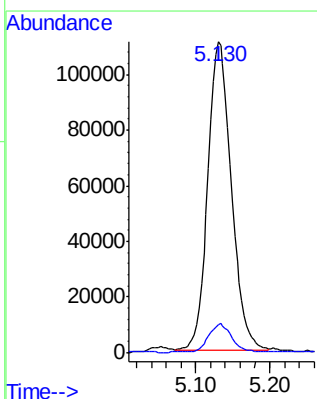
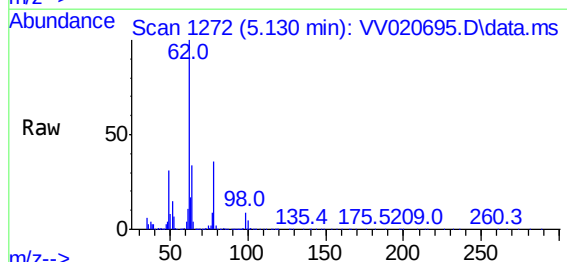
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

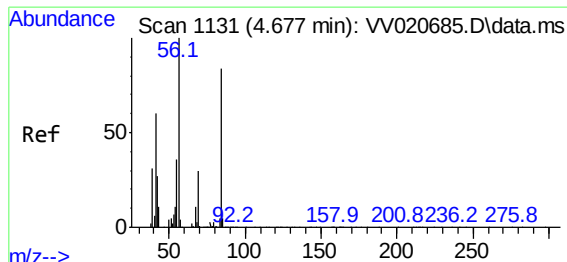
Tgt Ion: 83 Resp: 301873
Ion Ratio Lower Upper
83 100
85 63.5 44.2 82.2



#27
1,2-Dichloroethane
Concen: 48.86 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 62 Resp: 245116
Ion Ratio Lower Upper
62 100
98 8.9 6.9 10.3



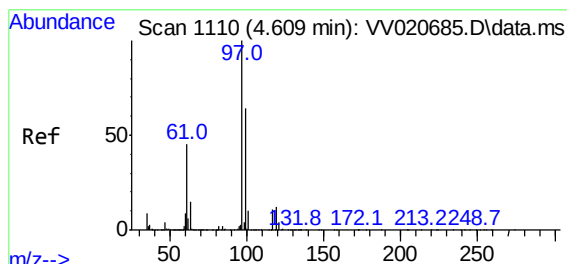
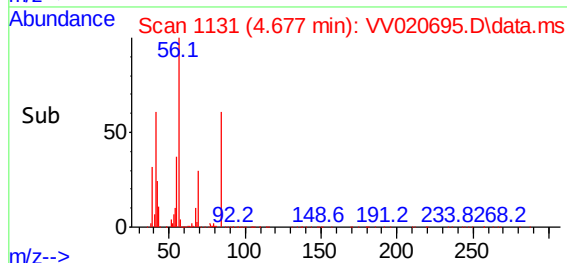
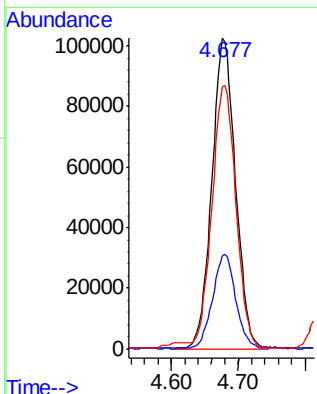
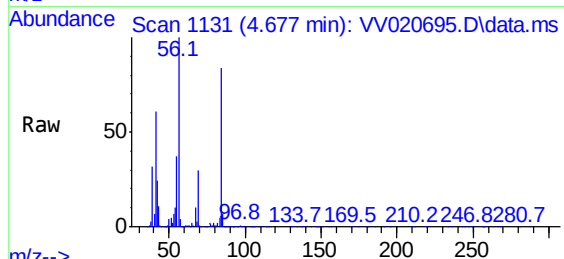


#29
Cyclohexane
Concen: 46.97 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

Tgt Ion: 56 Resp: 251669

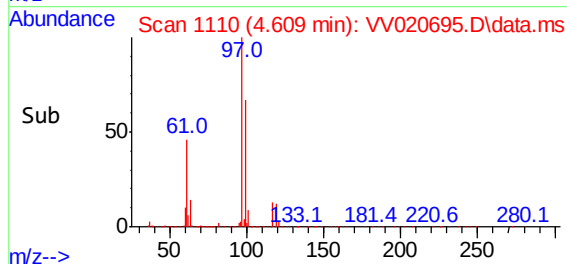
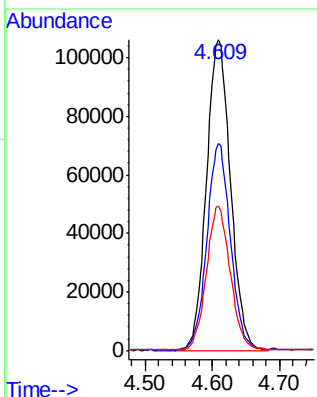
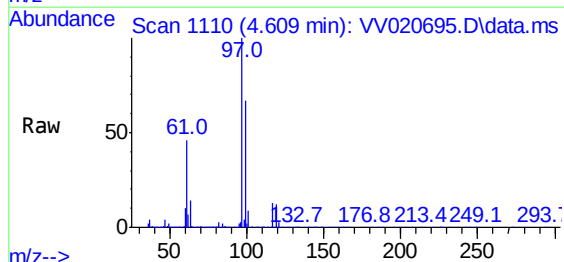
Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.2	36.2
84	84.8	66.3	99.5

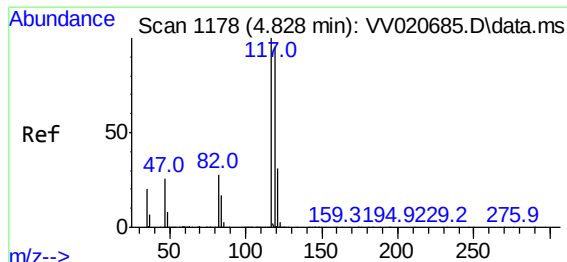


#30
1,1,1-Trichloroethane
Concen: 50.21 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 97 Resp: 265525

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	45.6	38.5	57.7

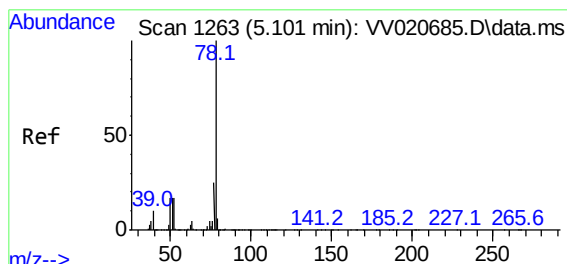
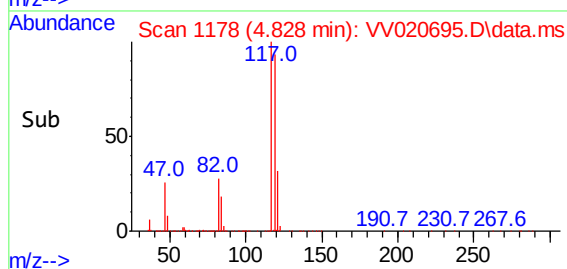
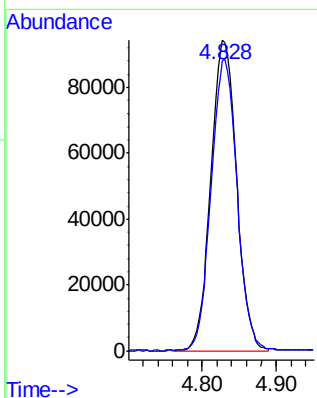
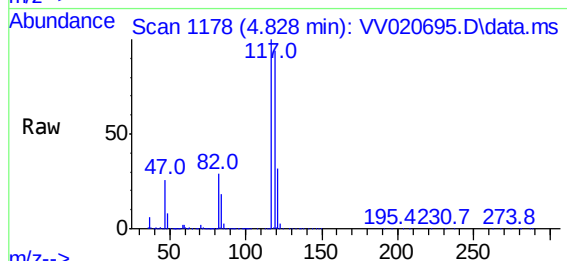




#31
Carbon tetrachloride
Concen: 53.01 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

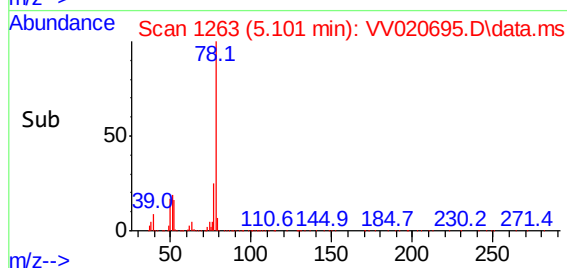
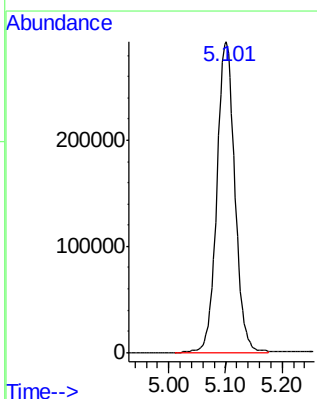
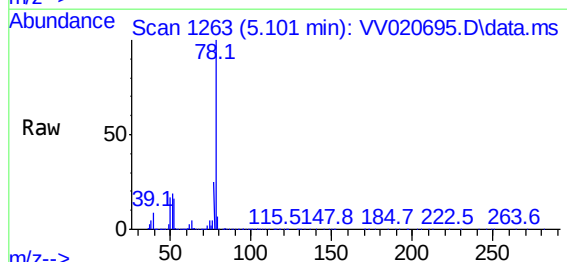
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

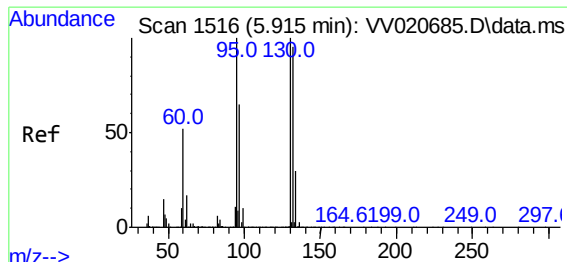
Tgt Ion:117 Resp: 227726
Ion Ratio Lower Upper
117 100
119 94.6 76.3 114.5



#33
Benzene
Concen: 48.74 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 78 Resp: 643426

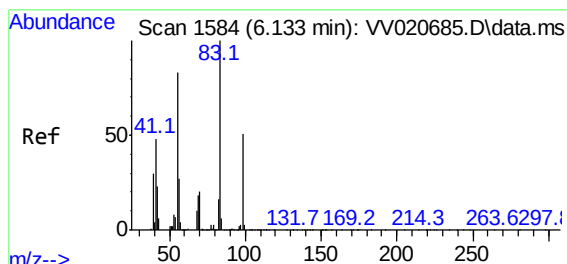
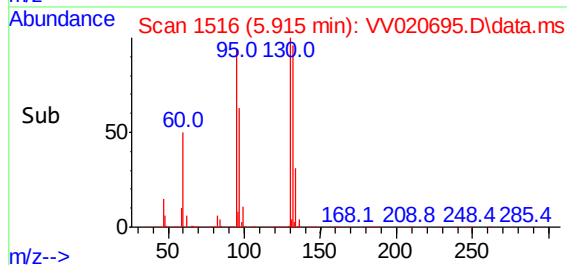
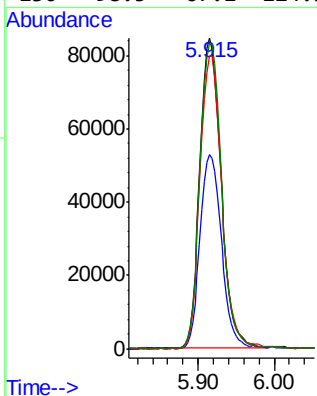
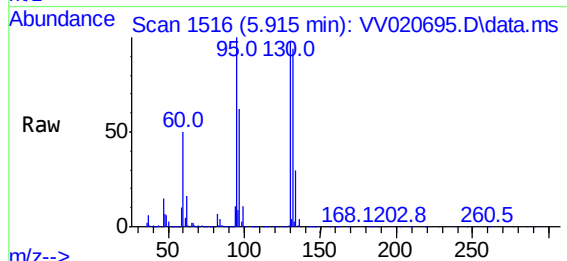




#34
Trichloroethene
Concen: 44.03 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

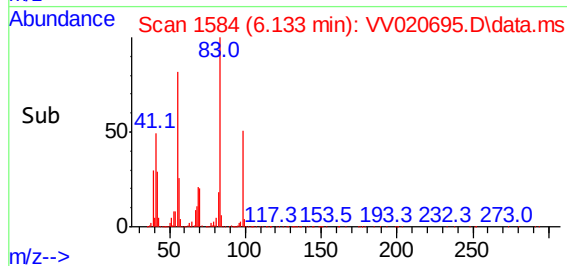
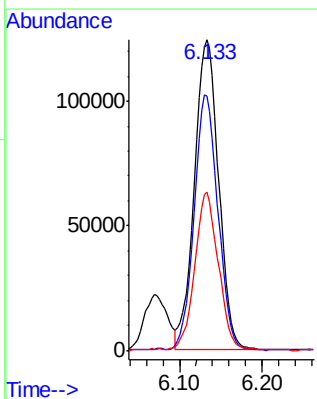
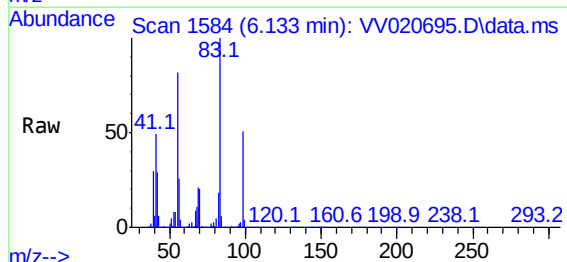
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

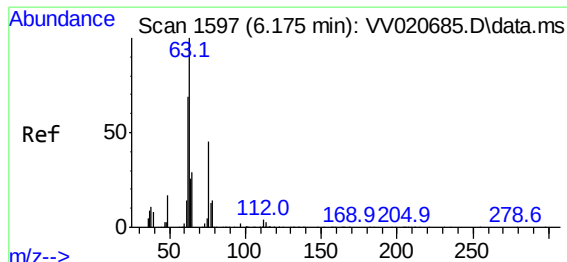
Tgt Ion: 95 Resp: 163986
Ion Ratio Lower Upper
95 100
97 62.4 44.5 82.7
132 94.2 63.4 117.8
130 98.5 67.1 124.5



#35
Methylcyclohexane
Concen: 49.74 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 83 Resp: 254632
Ion Ratio Lower Upper
83 100
55 80.6 65.1 97.7
98 49.7 38.2 57.2

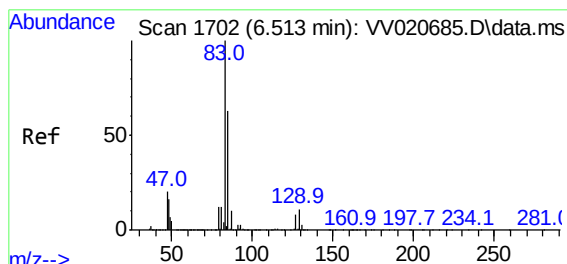
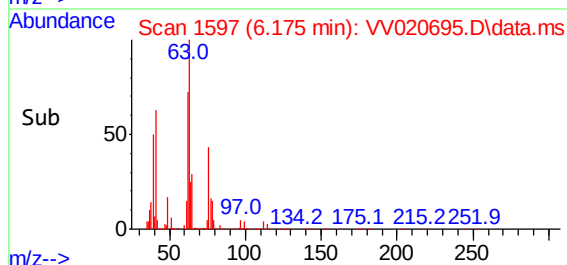
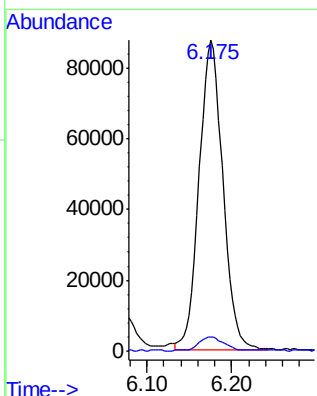
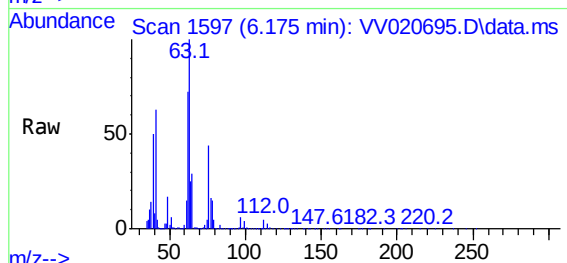




#37
1,2-Dichloropropane
Concen: 49.48 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

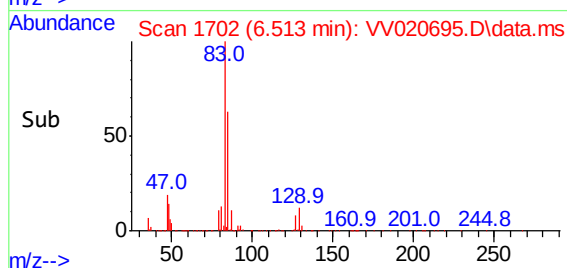
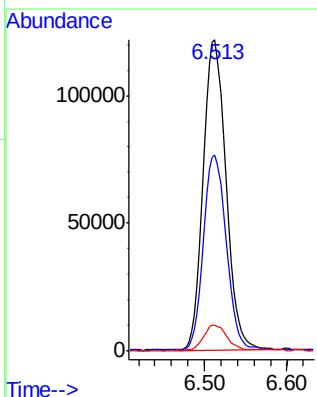
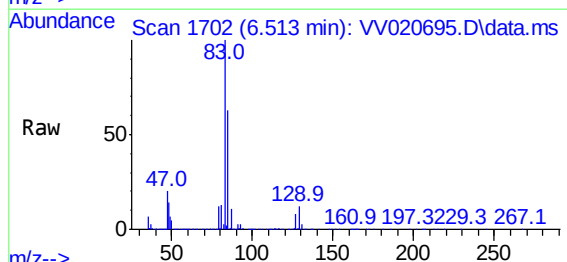
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

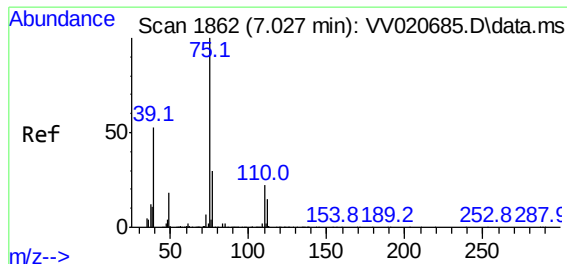
Tgt Ion: 63 Resp: 170556
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 51.29 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 83 Resp: 232811
Ion Ratio Lower Upper
83 100
85 62.9 44.5 82.7
127 8.2 6.3 9.5

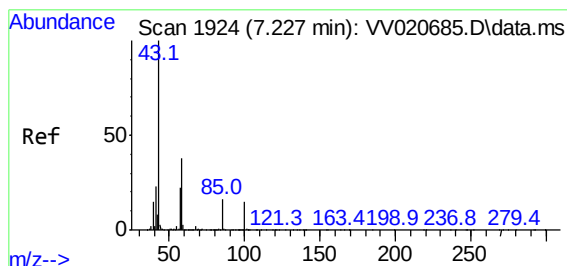
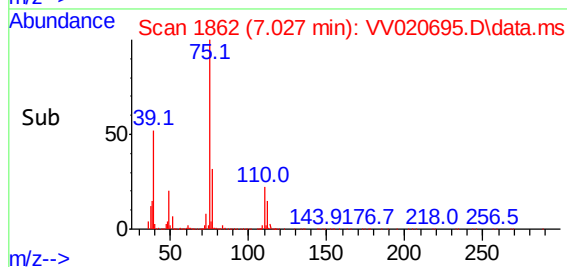
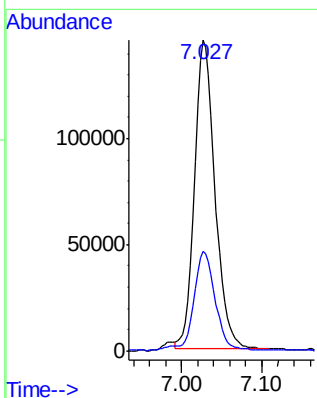
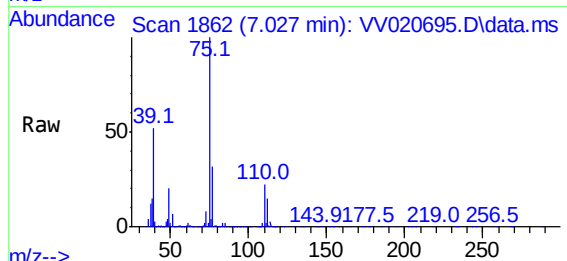




#39
 cis-1,3-Dichloropropene
 Concen: 49.63 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV020695.D
 Acq: 22 Mar 2021 12:00

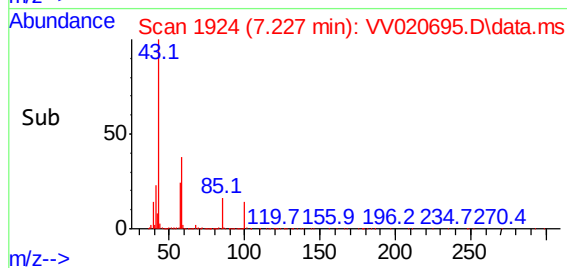
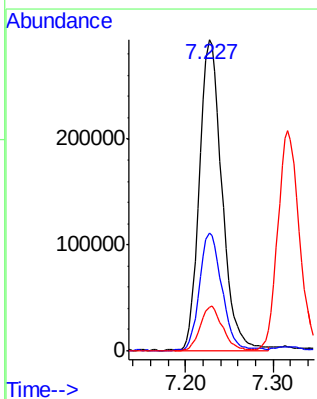
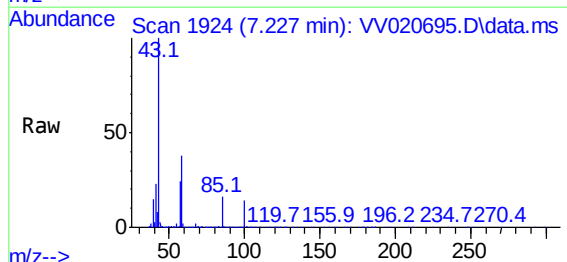
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

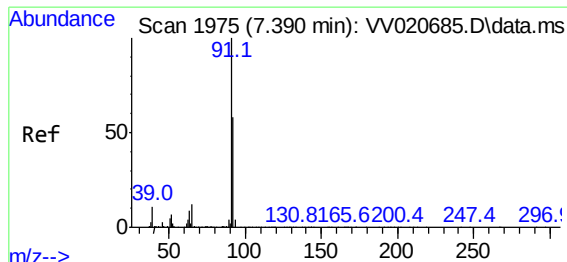
Tgt Ion: 75 Resp: 253728
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 100.87 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV020695.D
 Acq: 22 Mar 2021 12:00

Tgt Ion: 43 Resp: 522949
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.7 46.1
 100 14.0 11.6 17.4





#42

Toluene

Concen: 50.52 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV020695.D

Acq: 22 Mar 2021 12:00

Tgt Ion: 91 Resp: 696273

Ion Ratio Lower Upper

91 100

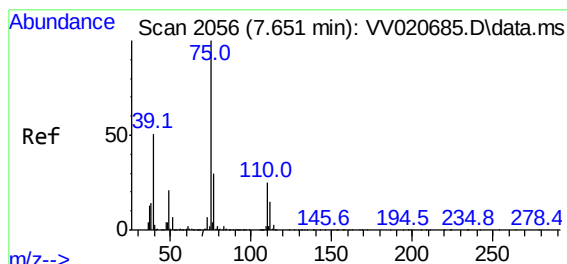
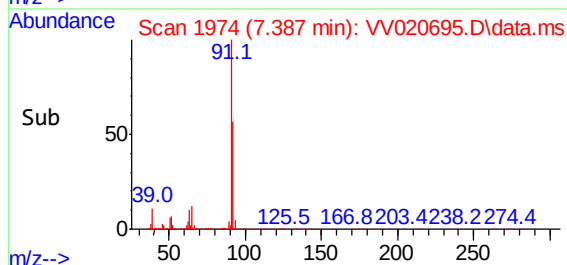
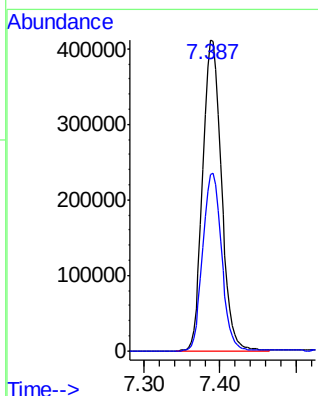
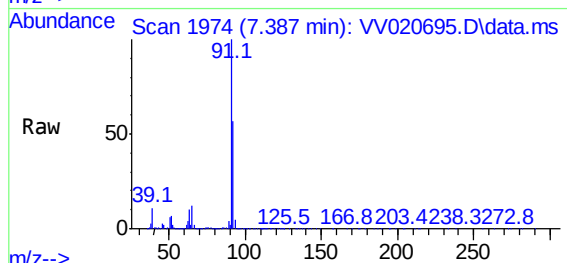
92 56.7 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05088



#44

trans-1,3-Dichloropropene

Concen: 52.58 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV020695.D

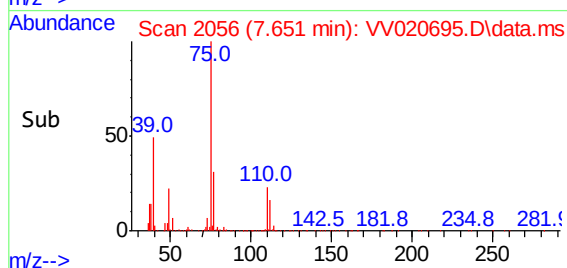
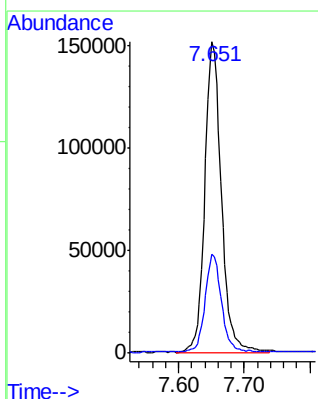
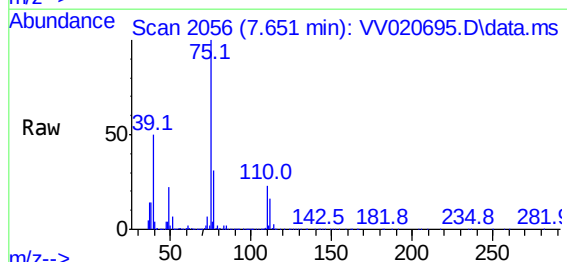
Acq: 22 Mar 2021 12:00

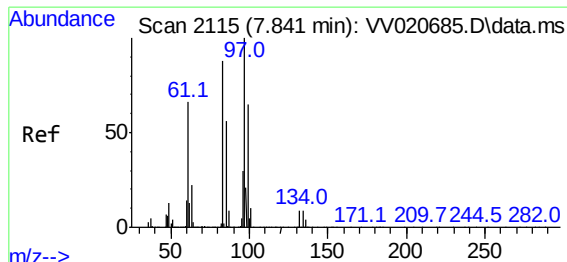
Tgt Ion: 75 Resp: 264278

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



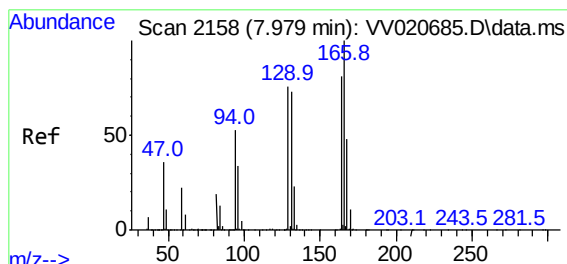
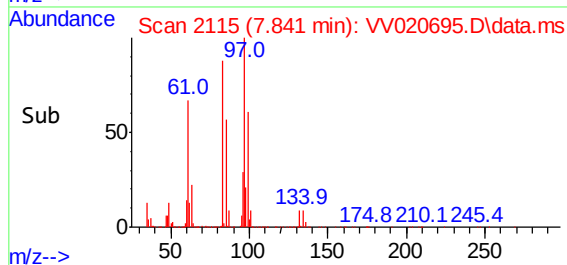
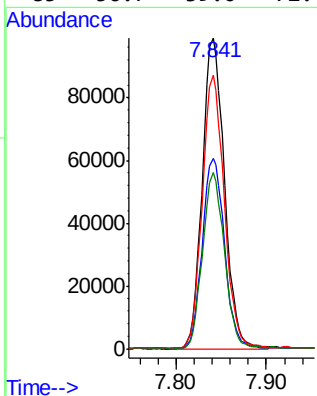
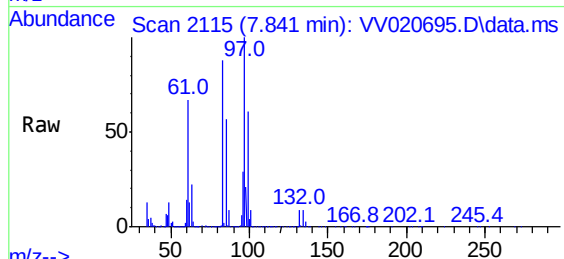


#45
1,1,2-Trichloroethane
Concen: 52.20 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

Tgt Ion: 97 Resp: 167664

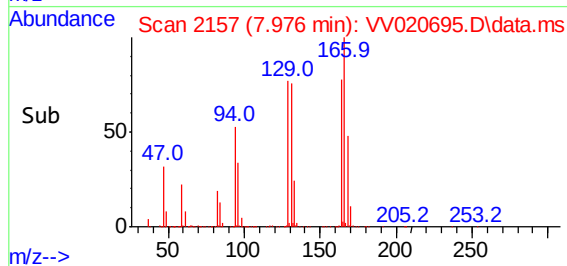
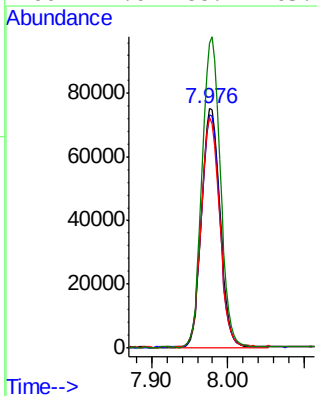
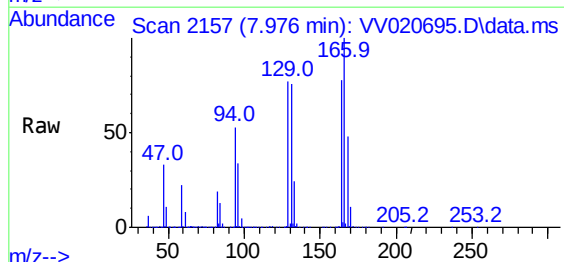
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.3
83	88.1	62.2	115.4
85	56.7	39.0	72.4

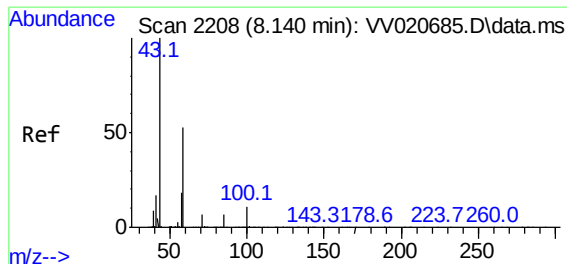


#46
Tetrachloroethene
Concen: 52.74 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 164 Resp: 126039

Ion	Ratio	Lower	Upper
164	100		
129	97.6	70.6	131.0
131	96.4	66.8	124.0
166	127.6	88.2	163.8



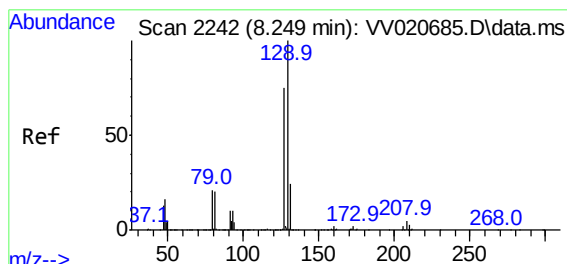
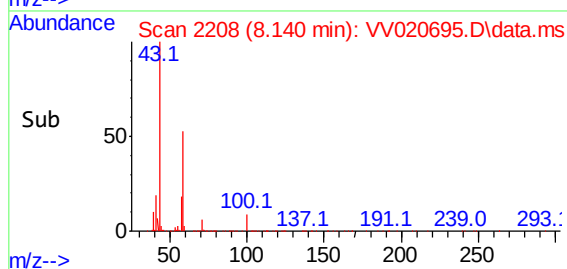
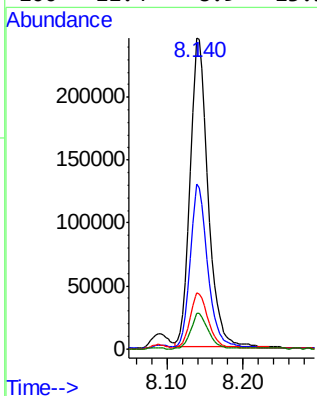
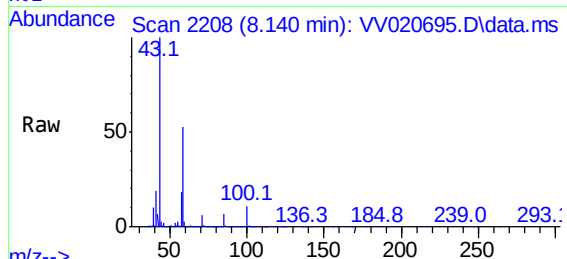


#48
2-Hexanone
Concen: 100.53 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

Tgt Ion: 43 Resp: 407080

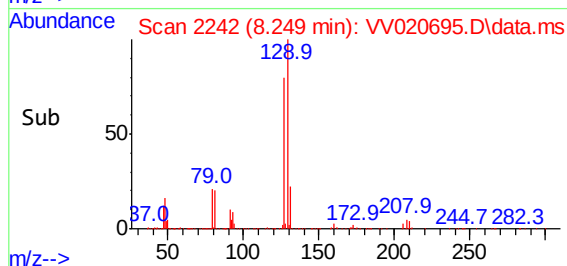
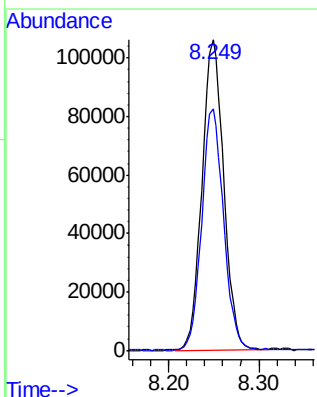
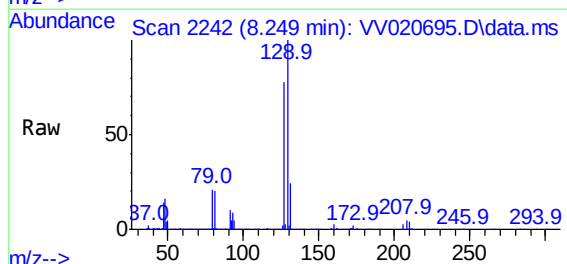
Ion	Ratio	Lower	Upper
43	100		
58	52.6	41.8	62.6
57	17.3	15.0	22.4
100	11.4	8.9	13.3

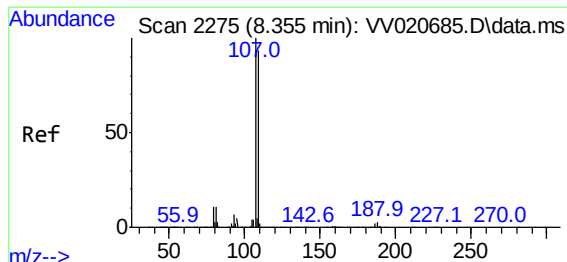


#49
Dibromochloromethane
Concen: 52.73 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 129 Resp: 176343

Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.2	102.6

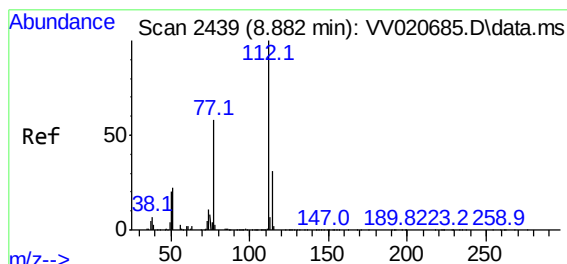
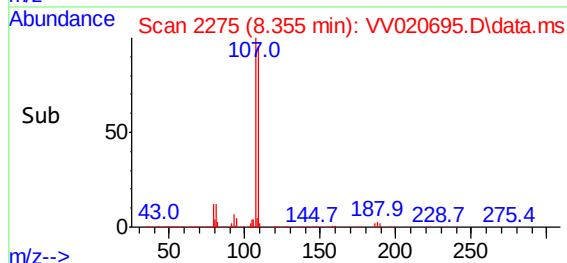
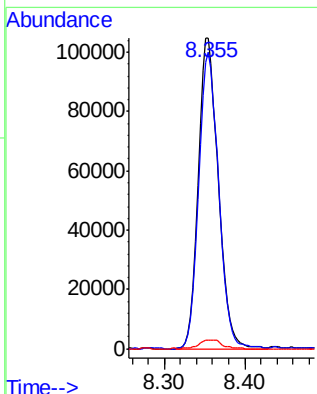
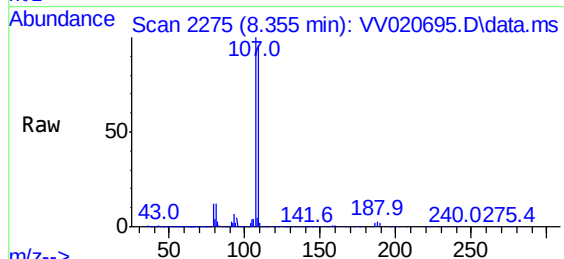




#50
1,2-Dibromoethane
Concen: 50.97 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

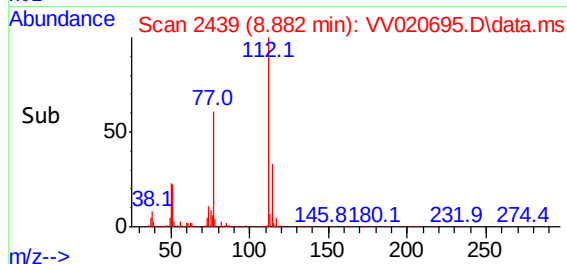
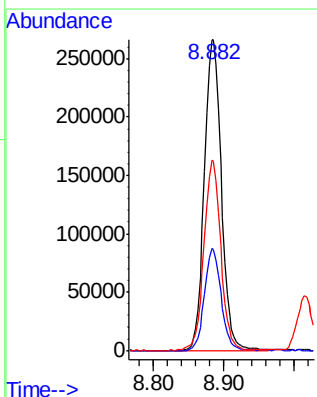
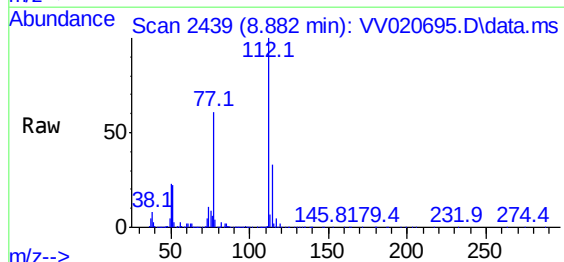
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

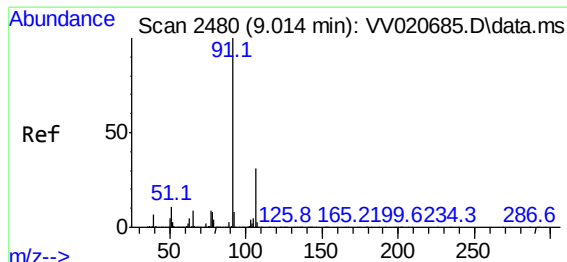
Tgt Ion:107 Resp: 175340
Ion Ratio Lower Upper
107 100
109 95.3 66.2 123.0
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 49.95 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion:112 Resp: 445251
Ion Ratio Lower Upper
112 100
114 33.0 22.2 41.2
77 61.2 49.0 73.6

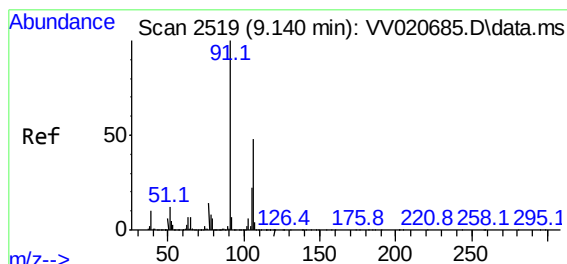
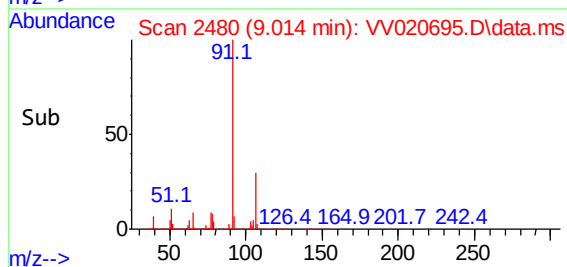
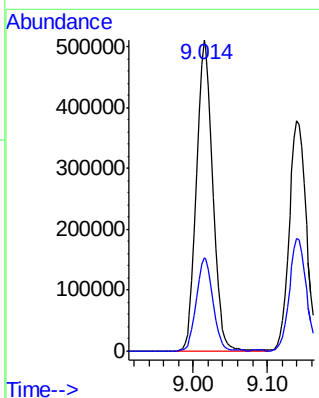
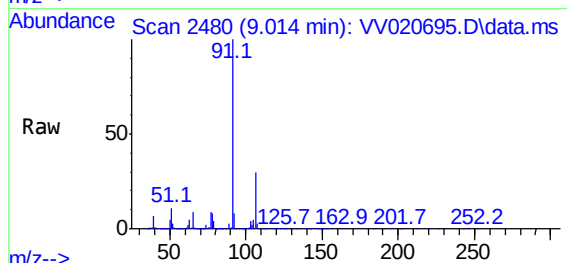




#52
Ethylbenzene
Concen: 50.17 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

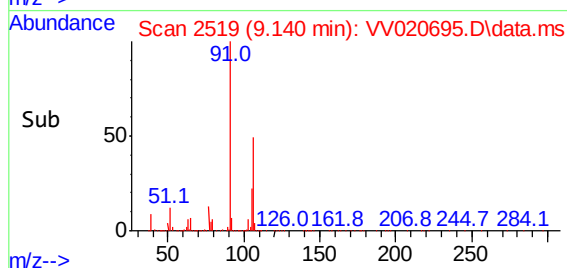
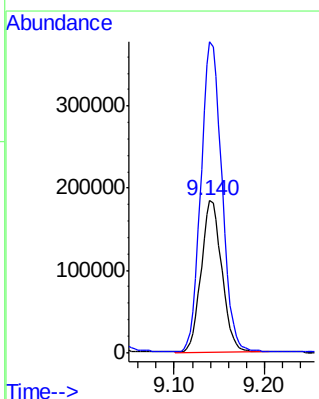
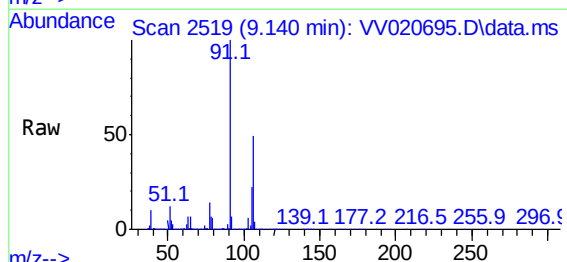
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

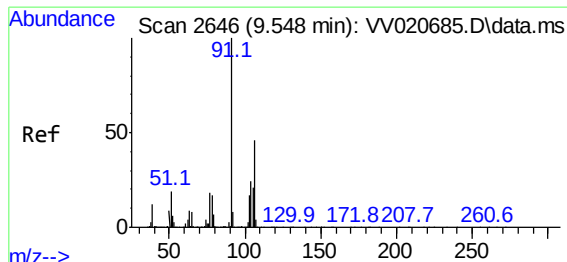
Tgt Ion: 91 Resp: 782745
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 51.23 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 106 Resp: 291884
Ion Ratio Lower Upper
106 100
91 205.1 148.1 275.0

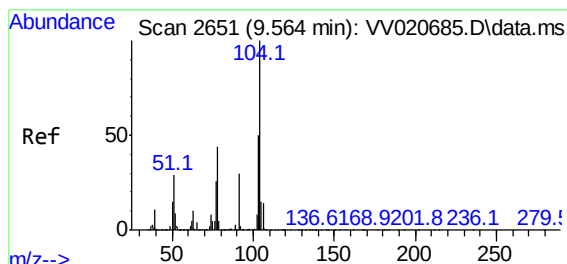
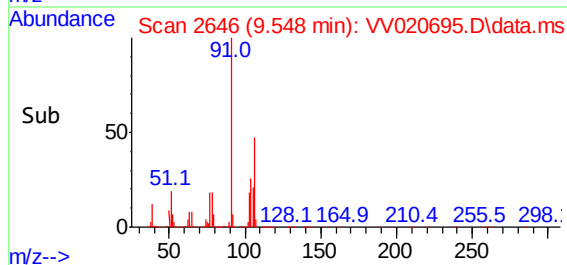
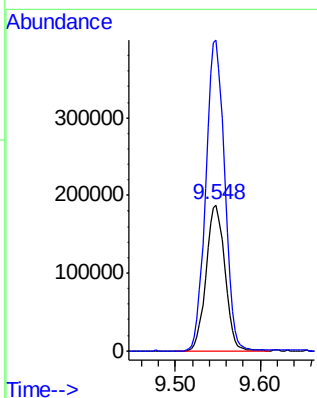
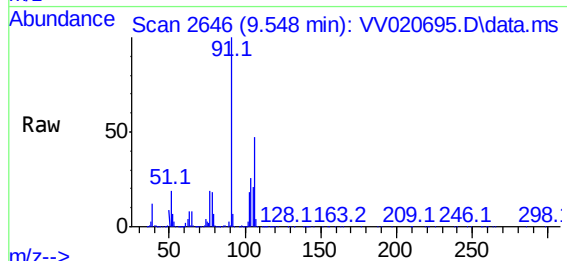




#54
o-xylene
Concen: 51.90 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

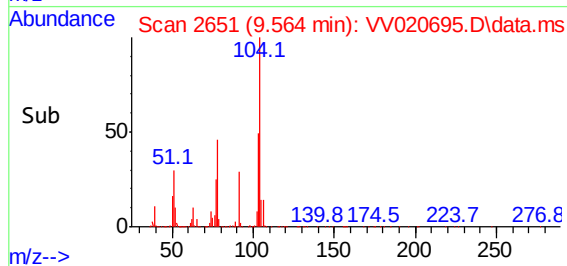
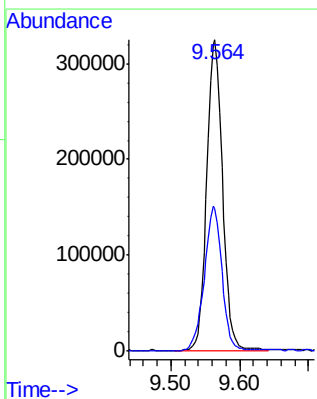
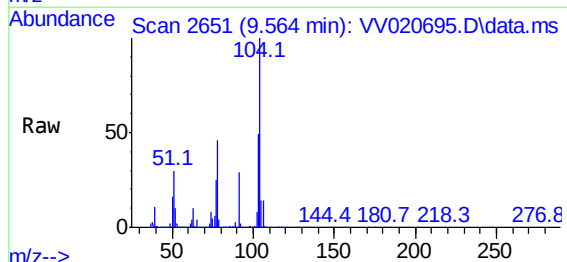
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

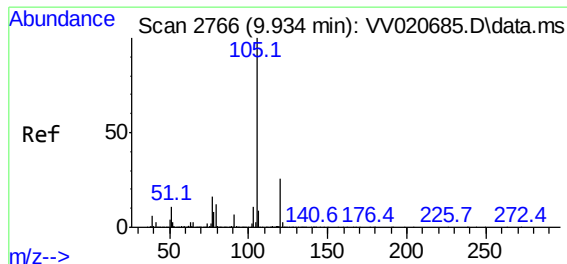
Tgt Ion:106 Resp: 286237
Ion Ratio Lower Upper
106 100
91 213.3 156.4 290.6



#55
Styrene
Concen: 53.57 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion:104 Resp: 515966
Ion Ratio Lower Upper
104 100
78 45.7 33.7 62.5

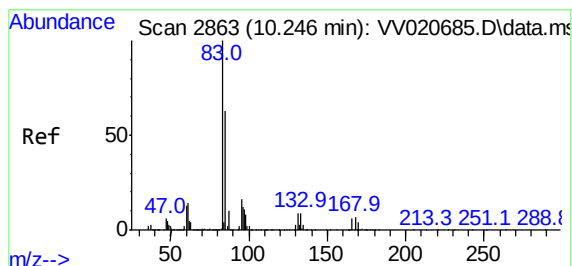
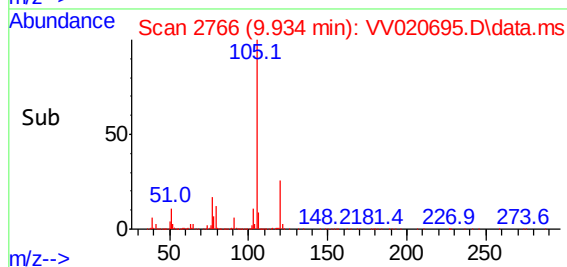
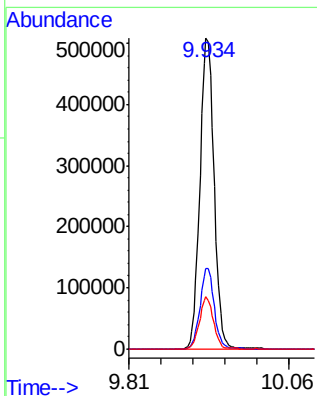
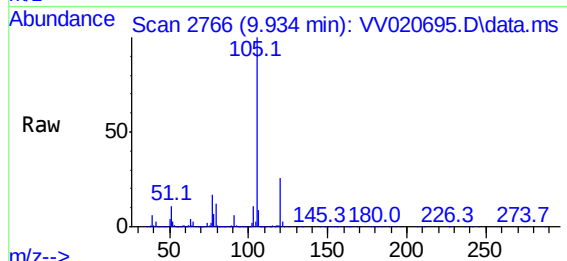




#56
Isopropylbenzene
Concen: 52.37 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

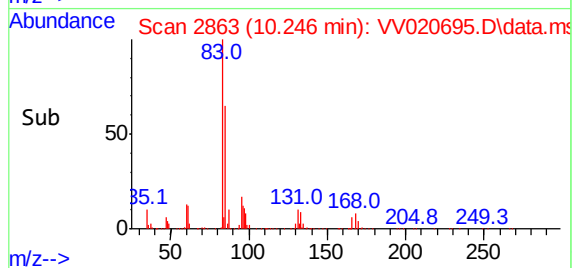
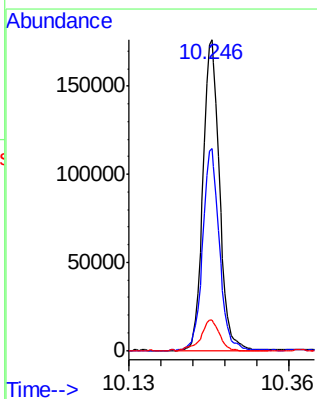
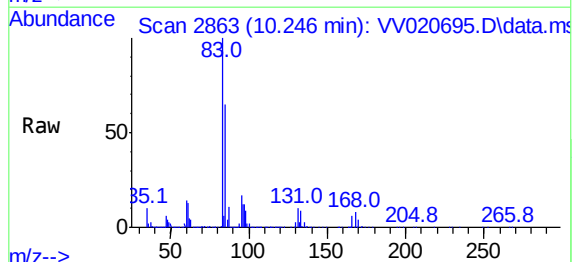
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

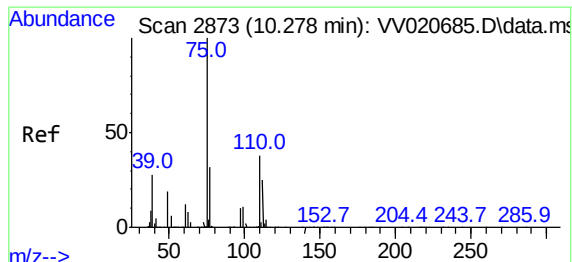
Tgt Ion:105 Resp: 781586
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.3 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 59.52 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 83 Resp: 283938
Ion Ratio Lower Upper
83 100
85 65.0 44.3 82.3
131 9.7 7.3 10.9

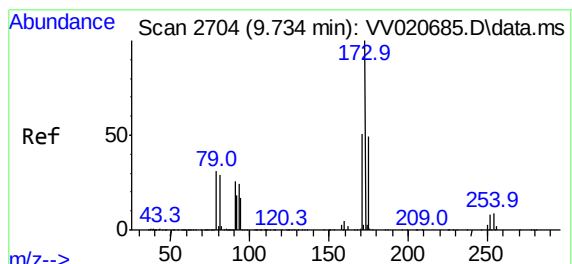
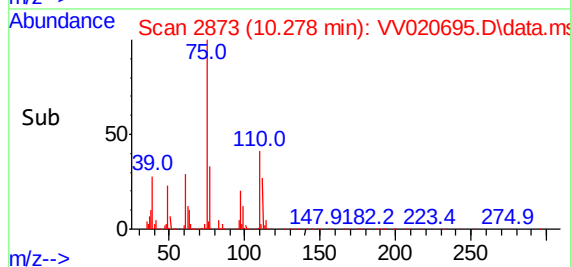
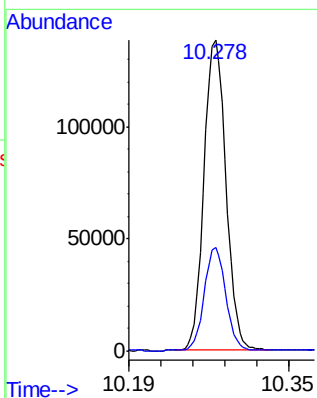
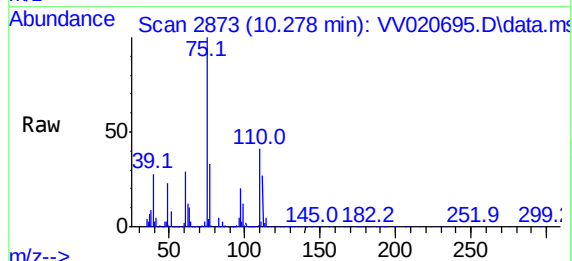




#59
1,2,3-Trichloropropane
Concen: 50.10 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

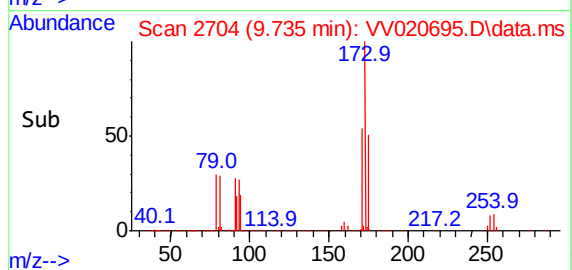
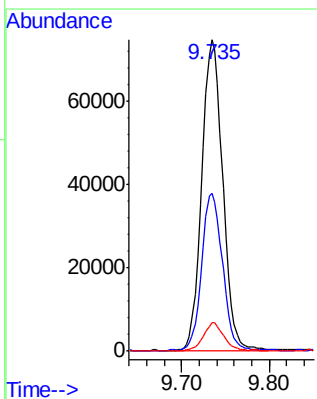
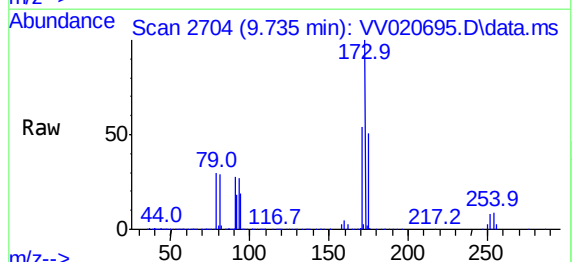
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

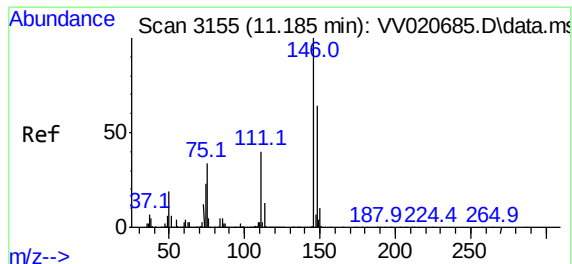
Tgt Ion: 75 Resp: 218861
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0



#61
Bromoform
Concen: 53.08 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion:173 Resp: 124091
Ion Ratio Lower Upper
173 100
175 50.1 38.6 57.8
254 8.4 6.5 9.7

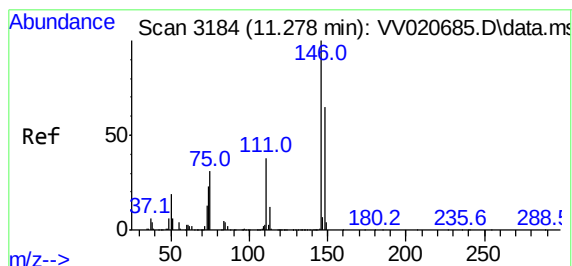
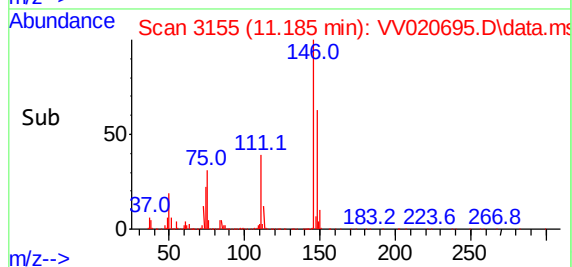
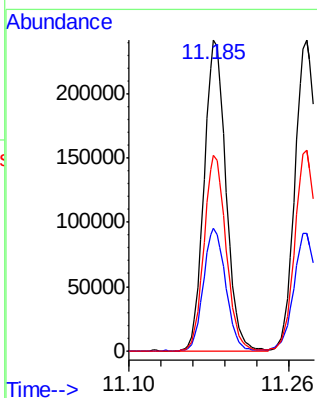
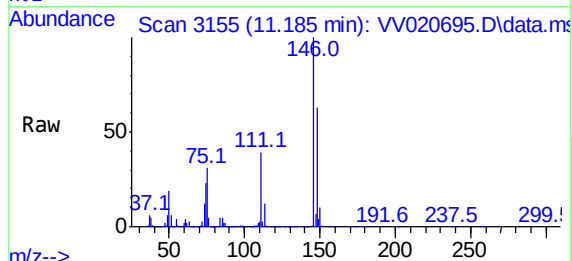




#62
1,3-Dichlorobenzene
Concen: 49.00 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

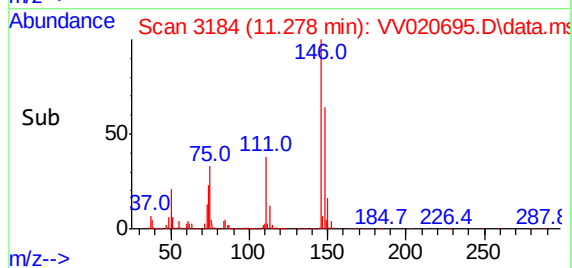
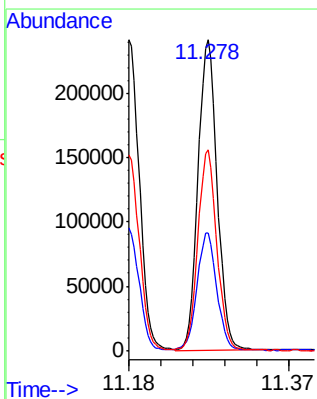
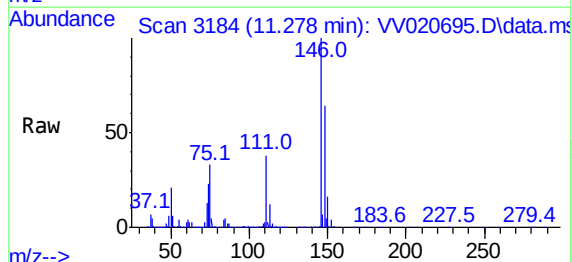
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

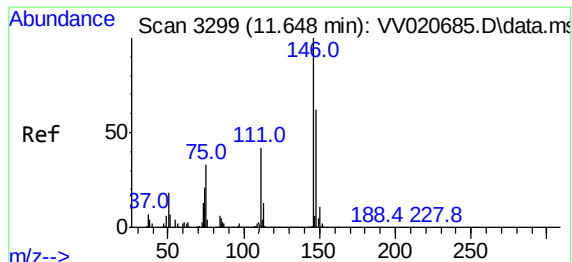
Tgt Ion:146 Resp: 367049
Ion Ratio Lower Upper
146 100
111 39.3 30.2 56.2
148 63.0 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 48.07 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion:146 Resp: 375838
Ion Ratio Lower Upper
146 100
111 38.0 29.4 54.6
148 64.4 44.7 83.1

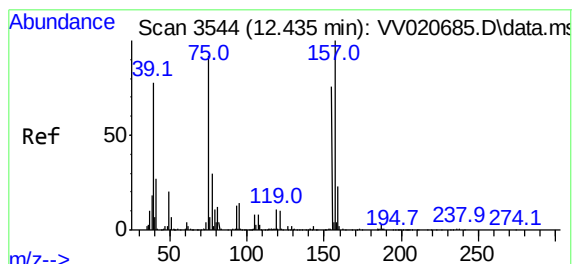
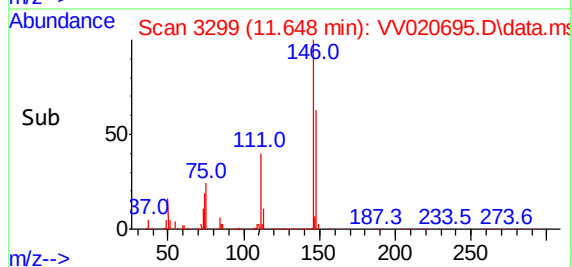
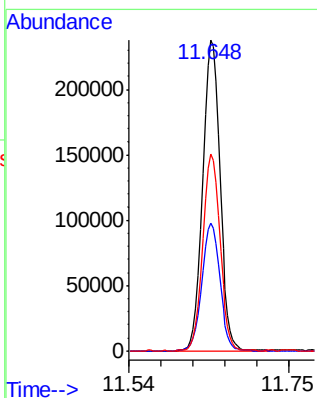
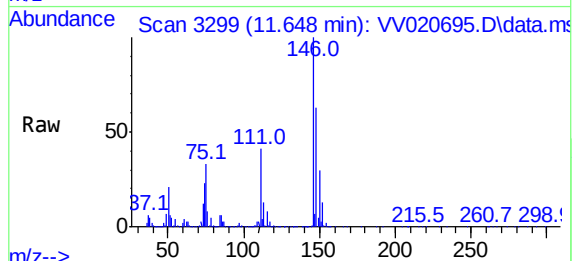




#65
1,2-Dichlorobenzene
Concen: 49.24 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

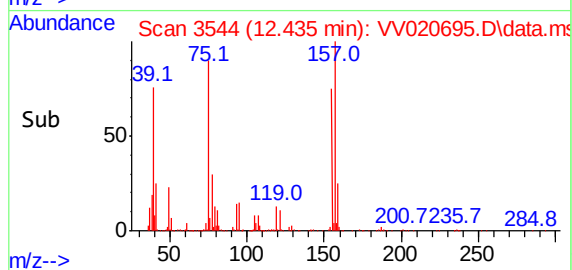
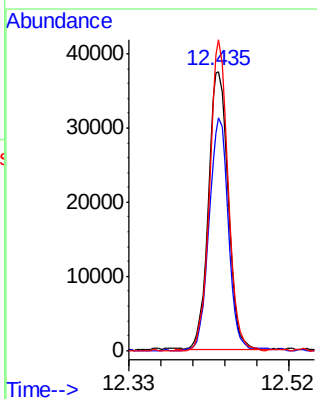
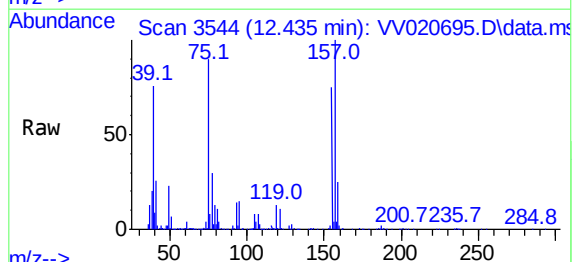
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

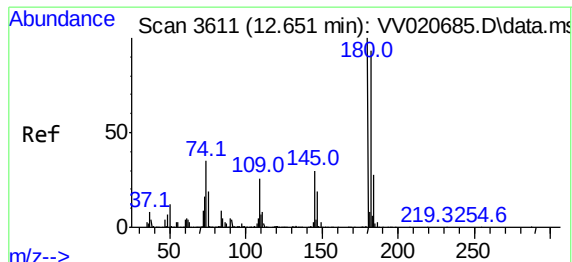
Tgt Ion:146 Resp: 367116
Ion Ratio Lower Upper
146 100
111 41.0 36.3 54.5
148 63.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 53.22 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion: 75 Resp: 59918
Ion Ratio Lower Upper
75 100
155 83.4 59.1 88.7
157 111.4 75.4 113.0

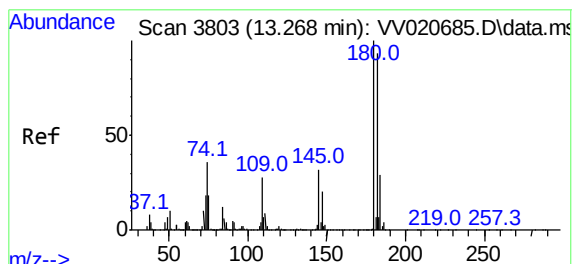
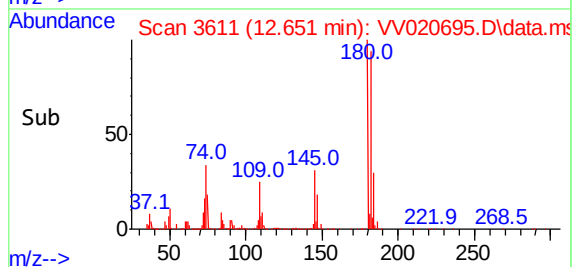
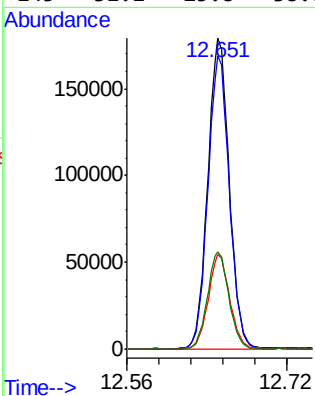
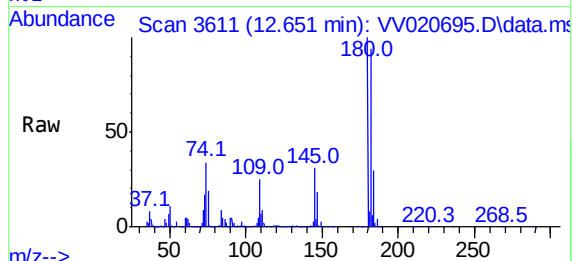




#67
1,3,5-Trichlorobenzene
Concen: 49.90 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

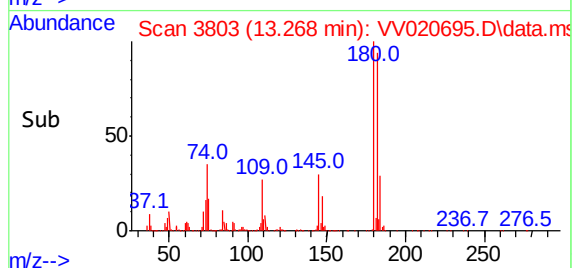
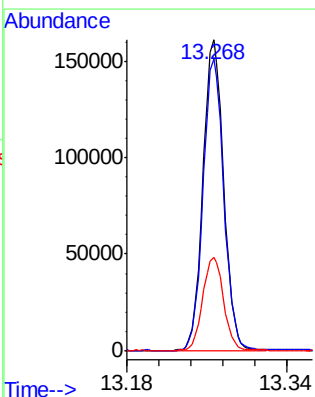
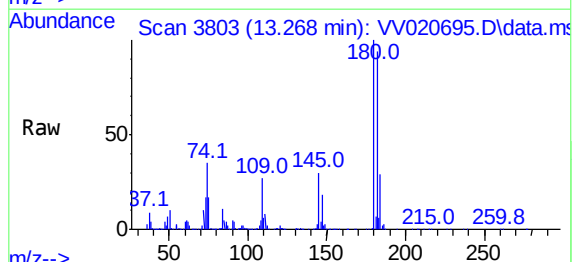
Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

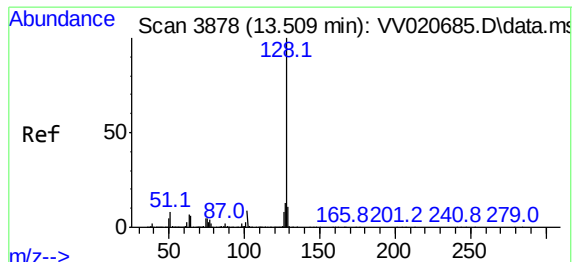
Tgt Ion:180 Resp: 266209
Ion Ratio Lower Upper
180 100
182 94.7 75.0 112.6
184 30.3 24.0 36.0
145 31.1 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 51.56 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion:180 Resp: 238777
Ion Ratio Lower Upper
180 100
182 94.1 75.1 112.7
145 30.2 26.8 40.2

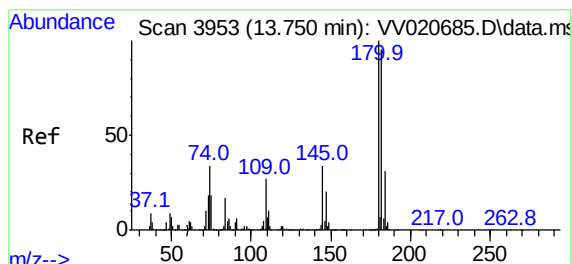
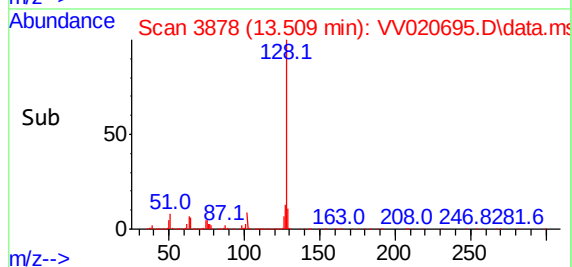
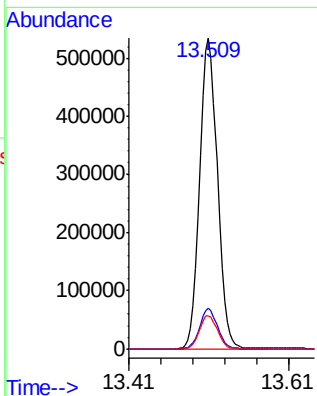
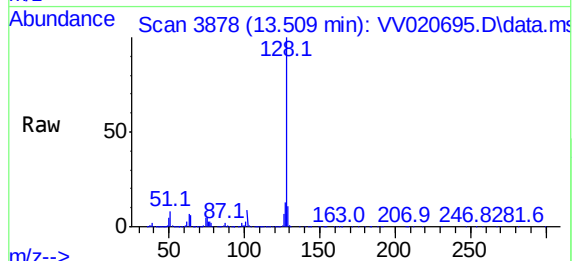




#69
Naphthalene
Concen: 52.67 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD05088

Tgt Ion:128 Resp: 793067
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 51.85 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020695.D
Acq: 22 Mar 2021 12:00

Tgt Ion:180 Resp: 238019
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
145 32.5 27.9 41.9

