

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032621\
 Data File : VW020745.D
 Acq On : 26 Mar 2021 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Mar 27 06:47:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 03:10:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	661301	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	660067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	383570	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	208775	44.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.94%		
7) Chloroethane-d5	1.568	69	166974	47.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.08%		
11) 1,1-Dichloroethene-d2	2.111	63	439248	49.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.18%		
21) 2-Butanone-d5	3.886	46	304783	99.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.78%		
24) Chloroform-d	4.352	84	478739	51.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.60%		
26) 1,2-Dichloroethane-d4	5.034	65	314317	51.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.26%		
32) Benzene-d6	5.053	84	868083	49.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.68%		
36) 1,2-Dichloropropane-d6	6.072	67	262416	48.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.16%		
41) Toluene-d8	7.320	98	838591	51.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.42%		
43) trans-1,3-Dichloroprop...	7.625	79	145872	50.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.52%		
47) 2-Hexanone-d5	8.088	63	234557	103.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.57%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	396433	50.38	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.76%		
64) 1,2-Dichlorobenzene-d4	11.632	152	357765	48.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	317250	51.20	ug/L	99
3) Chloromethane	1.243	50	236677	47.85	ug/L	99
5) Vinyl chloride	1.314	62	245484	48.59	ug/L	100
6) Bromomethane	1.523	94	161484	50.70	ug/L	99
8) Chloroethane	1.587	64	145299	49.78	ug/L	98
9) Trichlorofluoromethane	1.754	101	450430	52.16	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	226038	54.45	ug/L	98
12) 1,1-Dichloroethene	2.121	96	201778	52.29	ug/L	92
13) Acetone	2.179	43	201775	92.64	ug/L	97
14) Carbon disulfide	2.294	76	640110	50.16	ug/L	99
15) Methyl Acetate	2.433	43	228113	50.17	ug/L	97
16) Methylene chloride	2.510	84	238786	50.74	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	236176	53.37	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	711383	51.85	ug/L	99
19) 1,1-Dichloroethane	3.191	63	431928	52.54	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	248520	52.49	ug/L	99
22) 2-Butanone	3.966	43	328102	102.91	ug/L	98
23) Bromochloromethane	4.246	128	137646	54.01	ug/L	91
25) Chloroform	4.378	83	471601	53.93	ug/L	98
27) 1,2-Dichloroethane	5.134	62	375275	53.72	ug/L	99

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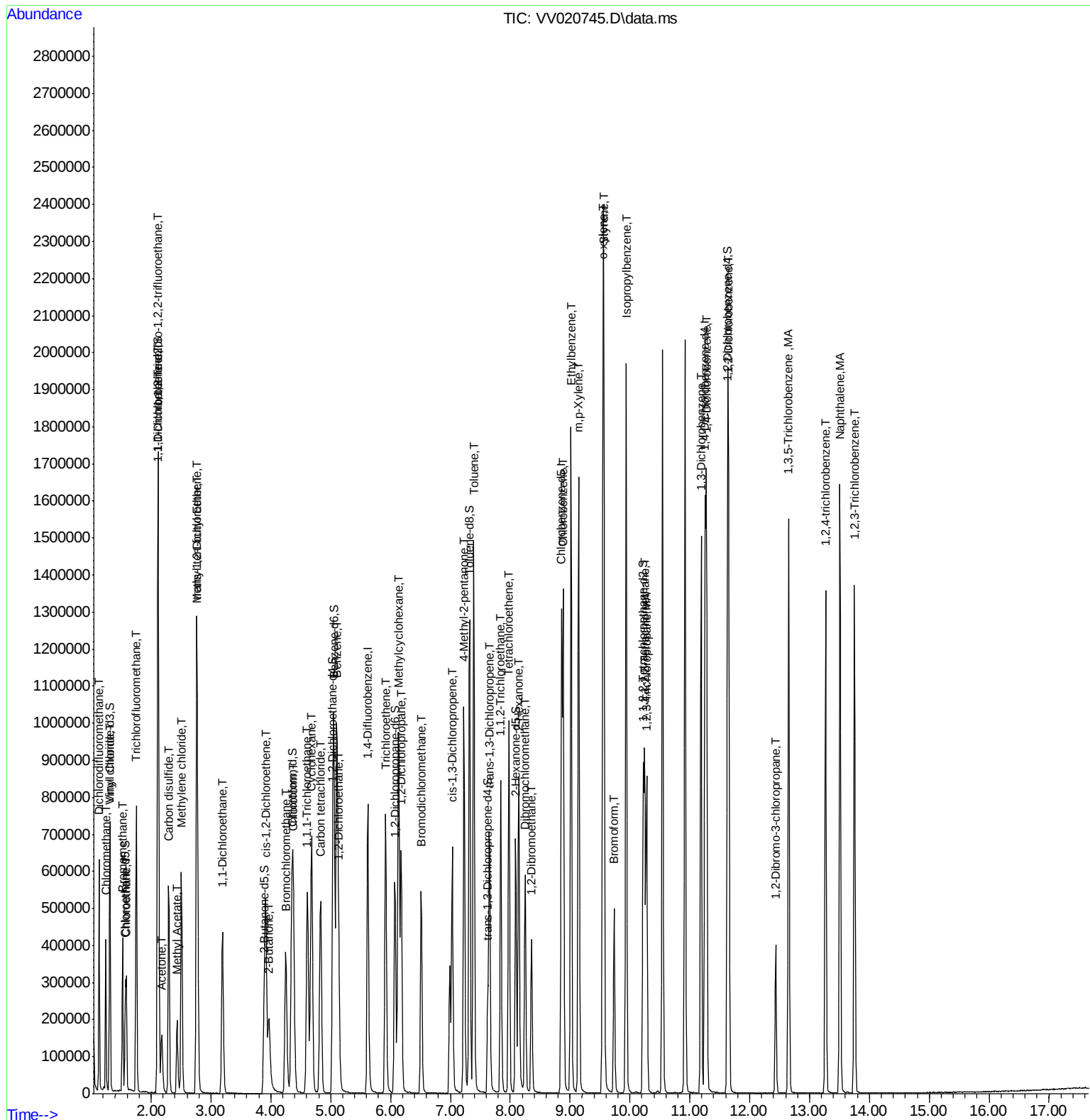
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	369788	49.53	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	439250	53.81	ug/L	99
31) Carbon tetrachloride	4.831	117	393055	53.91	ug/L	100
33) Benzene	5.101	78	963674	52.93	ug/L	100
34) Trichloroethene	5.918	95	258993	51.90	ug/L	98
35) Methylcyclohexane	6.133	83	398084	51.99	ug/L	99
37) 1,2-Dichloropropane	6.175	63	249415	52.24	ug/L	100
38) Bromodichloromethane	6.513	83	353322	52.70	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	397831	53.97	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	672781	105.08	ug/L	100
42) Toluene	7.391	91	1065902	53.87	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	395186	53.25	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	250943	53.43	ug/L	97
46) Tetrachloroethene	7.979	164	219509	52.69	ug/L	99
48) 2-Hexanone	8.140	43	531068	108.66	ug/L	98
49) Dibromochloromethane	8.249	129	296604	54.21	ug/L	100
50) 1,2-Dibromoethane	8.355	107	267464	53.17	ug/L	98
51) Chlorobenzene	8.886	112	692330	52.12	ug/L	99
52) Ethylbenzene	9.018	91	1200210	53.15	ug/L	100
53) m,p-Xylene	9.143	106	456221	54.31	ug/L	98
54) o-xylene	9.548	106	444318	54.88	ug/L	96
55) Styrene	9.564	104	794885	55.88	ug/L	99
56) Isopropylbenzene	9.937	105	1208715	54.22	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	407573	53.20	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	326093	52.30	ug/L	98
61) Bromoform	9.735	173	225621	51.81	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	599538	51.22	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	625594	51.39	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	598393	51.87	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	97384	49.93	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	466799	51.45	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	409027	53.17	ug/L	100
69) Naphthalene	13.509	128	1220568	55.43	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	410056	53.23	ug/L	98

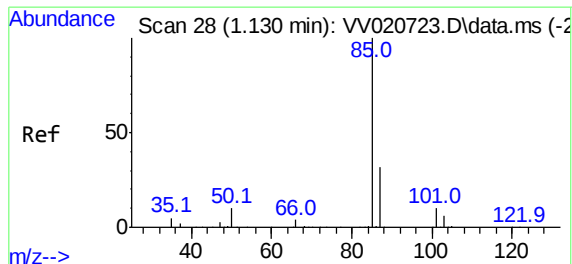
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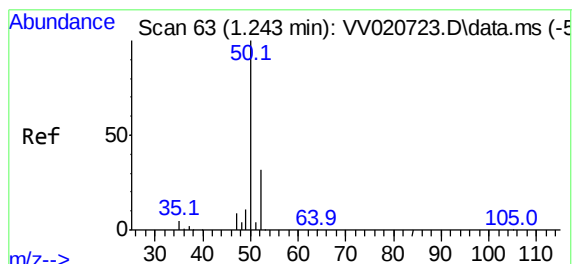
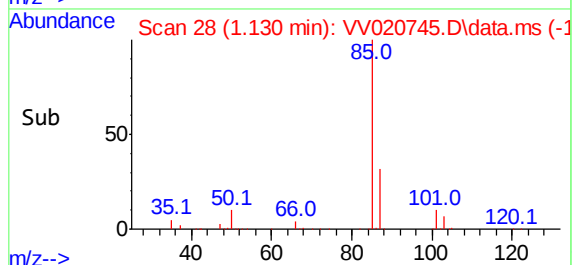
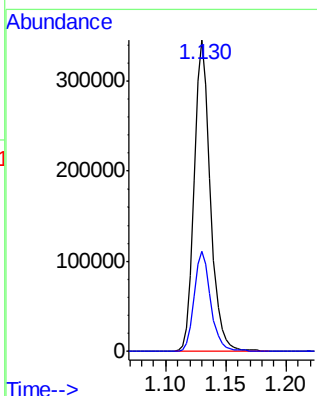
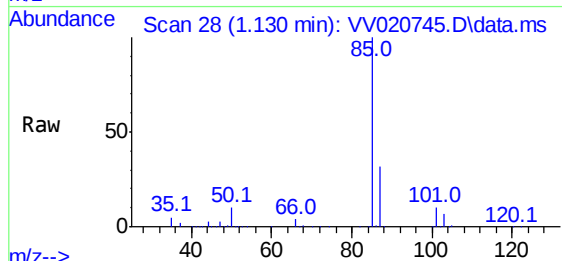




#2
Dichlorodifluoromethane
Concen: 51.20 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

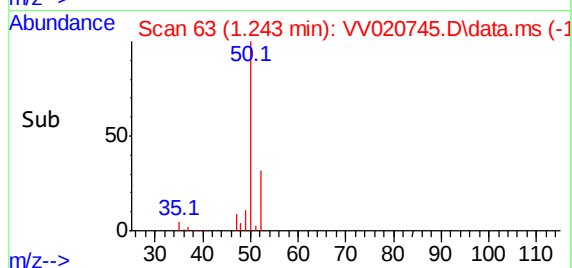
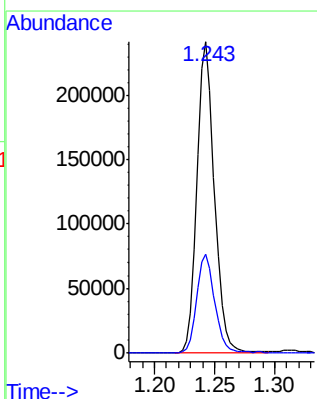
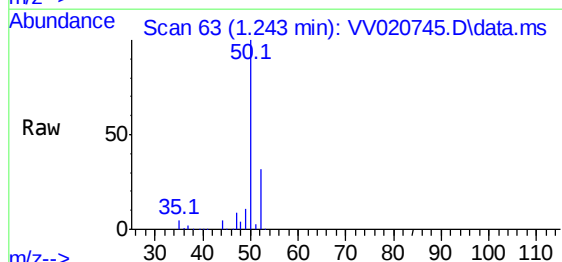
Instrument :
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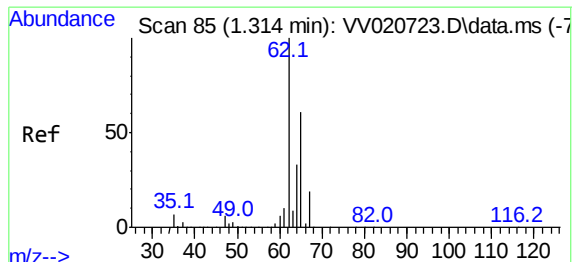
Tgt Ion: 85 Resp: 317250
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5



#3
Chloromethane
Concen: 47.85 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 50 Resp: 236677
Ion Ratio Lower Upper
50 100
52 31.7 22.7 42.1



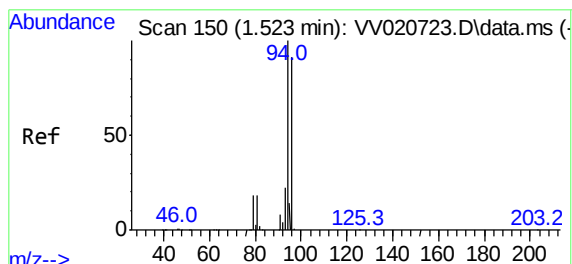
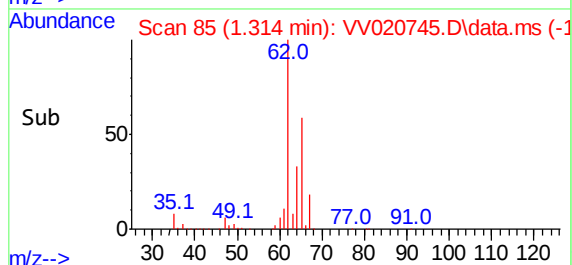
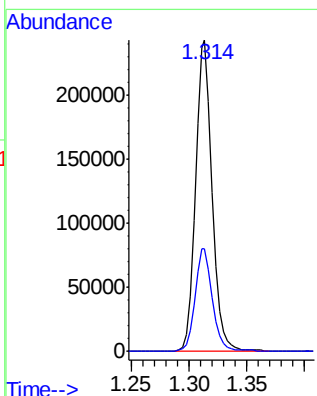
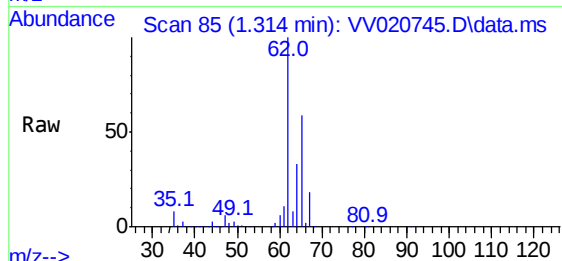


#5
 Vinyl chloride
 Concen: 48.59 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020745.D
 Acq: 26 Mar 2021 10:22

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Tgt Ion: 62 Resp: 245484

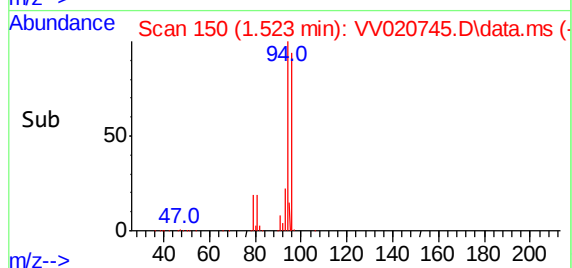
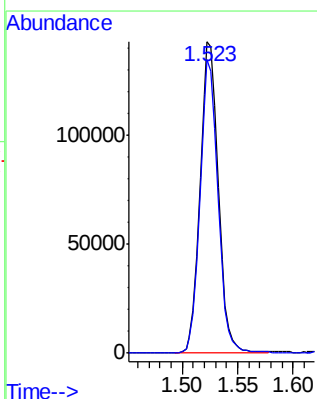
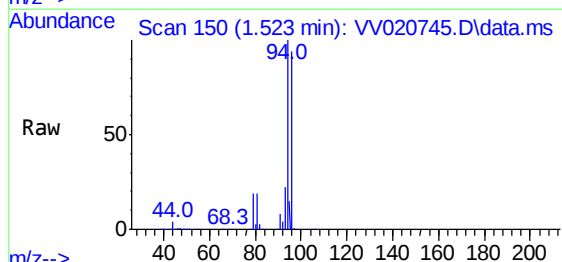
Ion	Ratio	Lower	Upper
62	100		
64	33.1	23.3	43.3

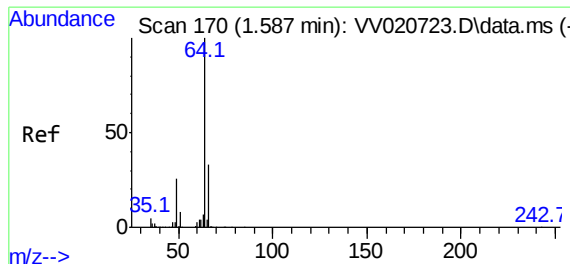


#6
 Bromomethane
 Concen: 50.70 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020745.D
 Acq: 26 Mar 2021 10:22

Tgt Ion: 94 Resp: 161484

Ion	Ratio	Lower	Upper
94	100		
96	94.2	65.6	121.8

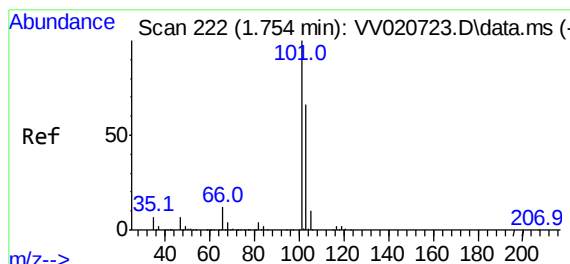
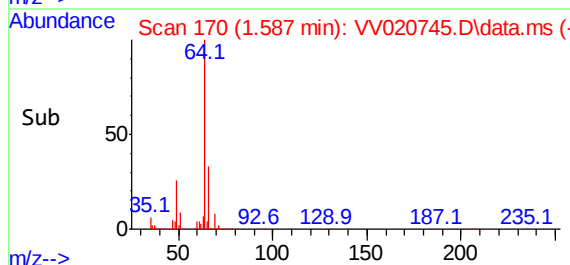
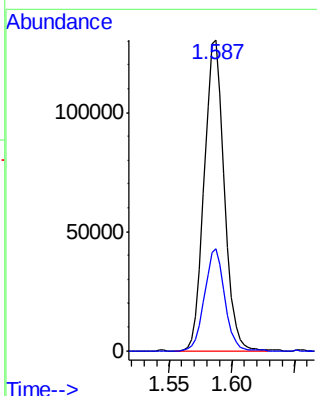
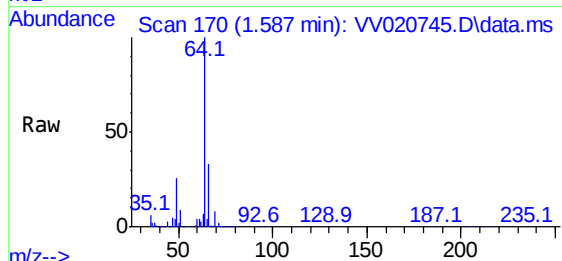




#8
Chloroethane
Concen: 49.78 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

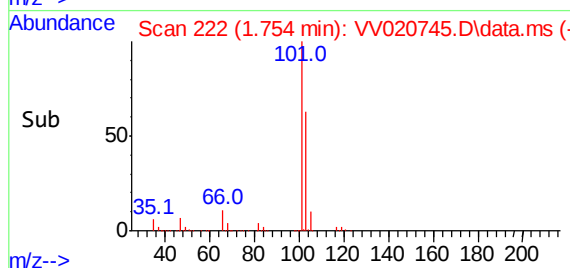
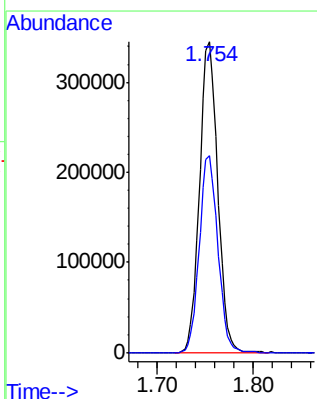
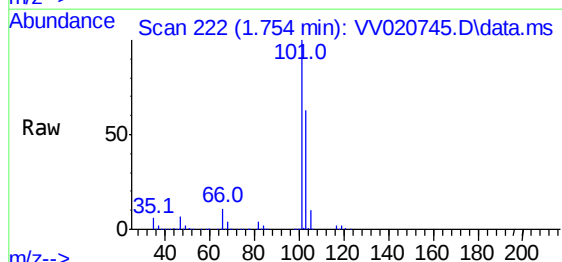
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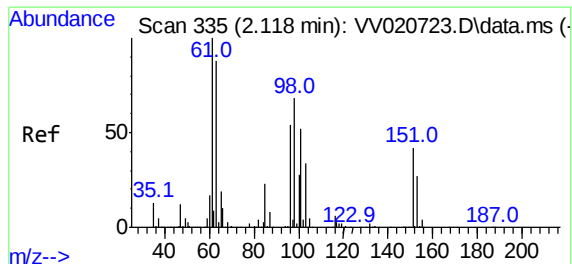
Tgt Ion: 64 Resp: 145299
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.16 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion:101 Resp: 450430
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8



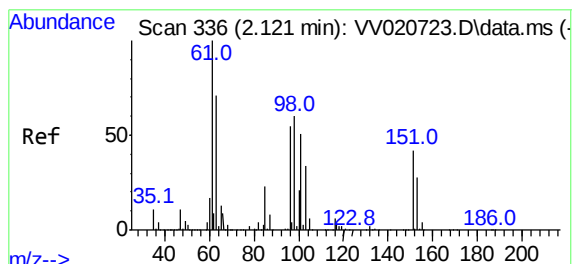
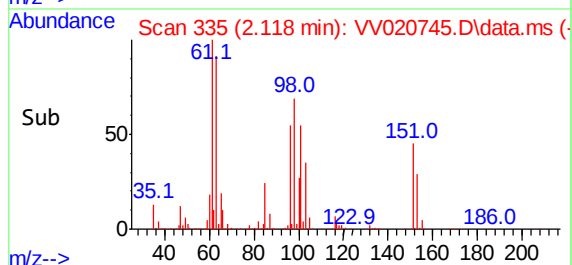
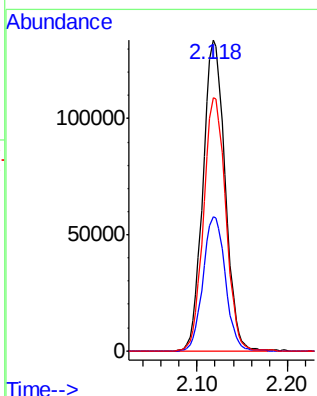
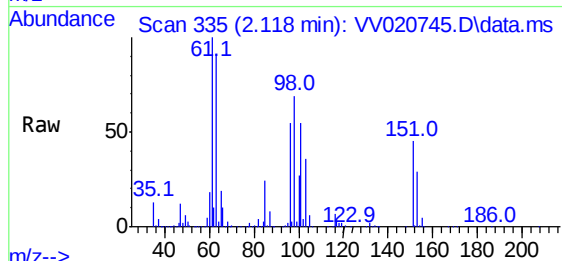


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.45 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020745.D
 Acq: 26 Mar 2021 10:22

Instrument :
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 ClientSampleId :
 VSTD05092

Tgt Ion:101 Resp: 226038

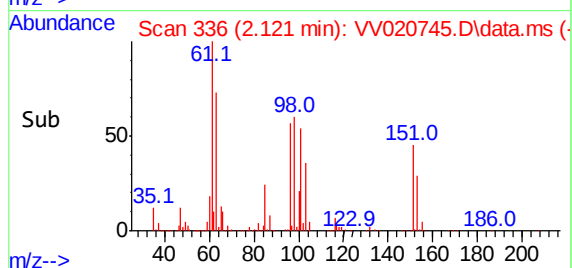
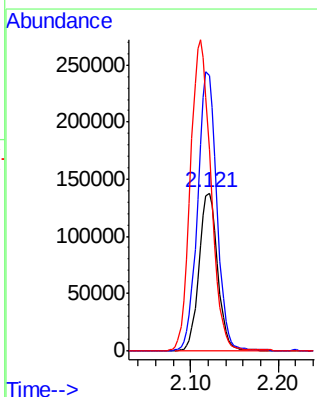
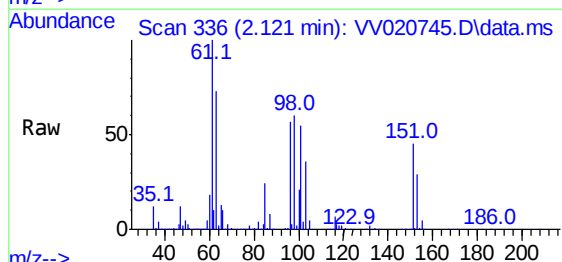
Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.4	53.0
151	81.8	63.5	95.3

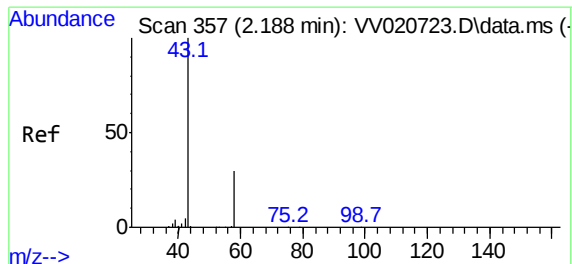


#12
 1,1-Dichloroethene
 Concen: 52.29 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020745.D
 Acq: 26 Mar 2021 10:22

Tgt Ion: 96 Resp: 201778

Ion	Ratio	Lower	Upper
96	100		
61	174.1	126.3	234.6
63	127.4	100.2	186.2

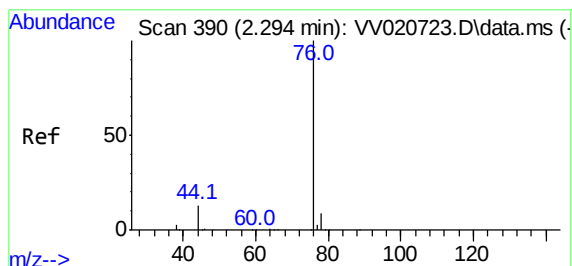
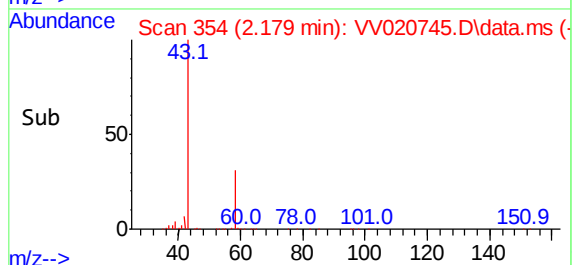
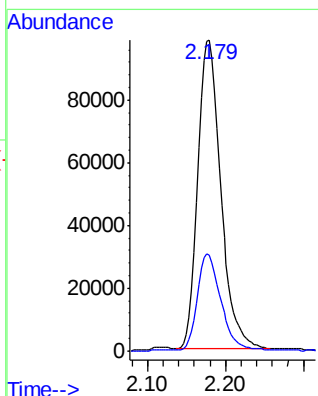
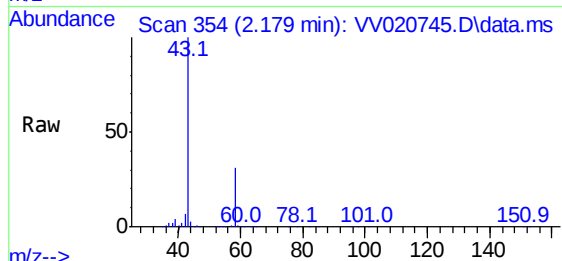




#13
Acetone
Concen: 92.64 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.010 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

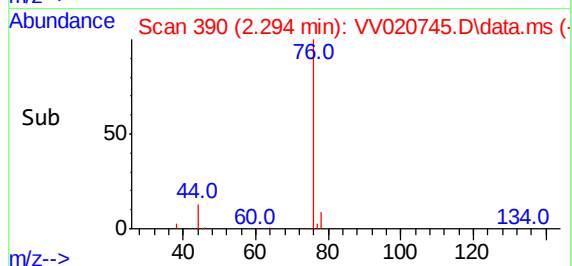
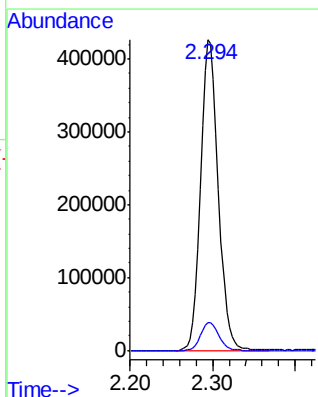
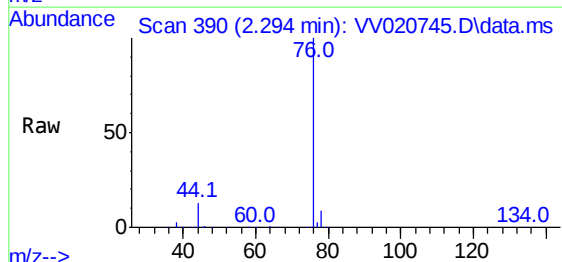
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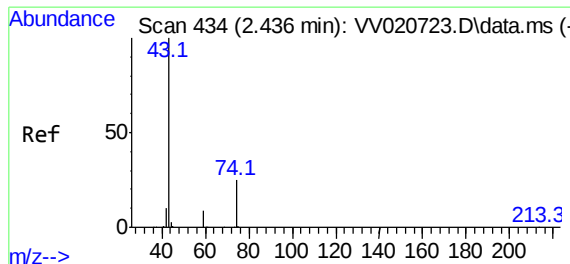
Tgt Ion: 43 Resp: 201775
Ion Ratio Lower Upper
43 100
58 32.1 0.0 60.8



#14
Carbon disulfide
Concen: 50.16 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 76 Resp: 640110
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

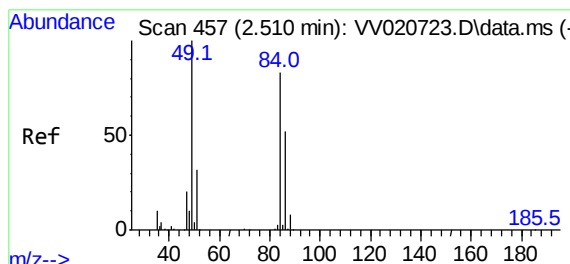
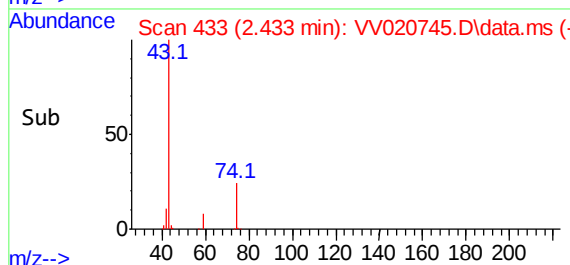
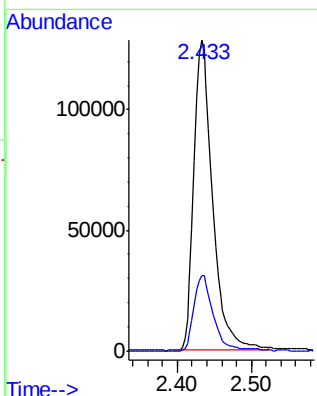
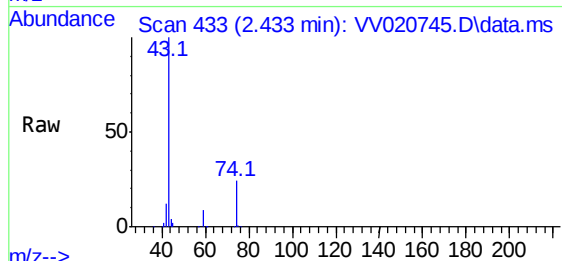




#15
Methyl Acetate
Concen: 50.17 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

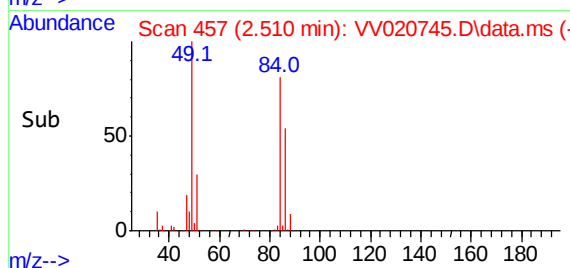
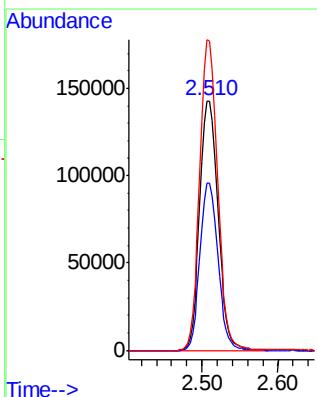
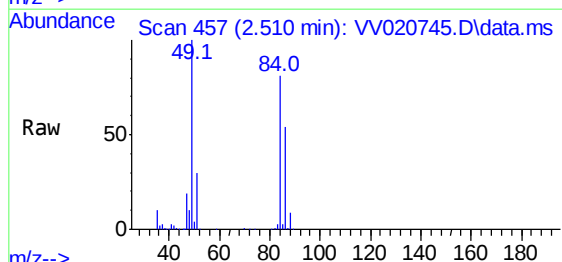
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

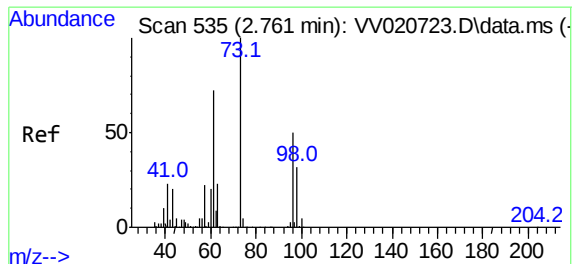
Tgt Ion: 43 Resp: 228113
Ion Ratio Lower Upper
43 100
74 24.6 18.4 27.6



#16
Methylene chloride
Concen: 50.74 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 84 Resp: 238786
Ion Ratio Lower Upper
84 100
86 67.4 43.9 81.5
49 124.1 86.3 160.3

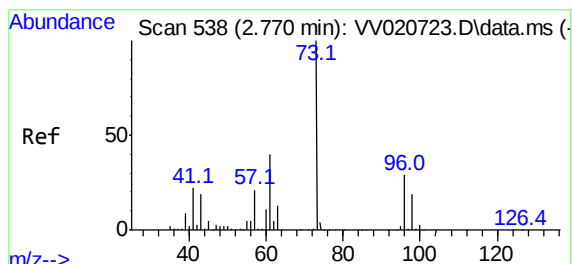
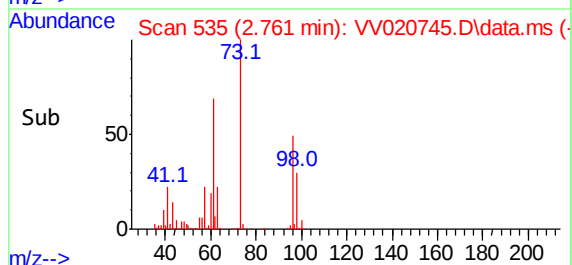
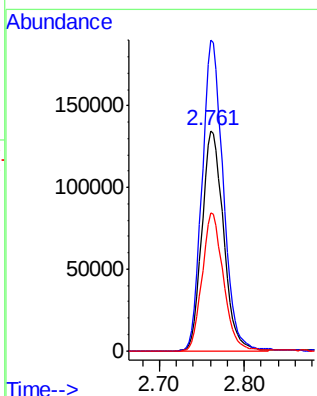
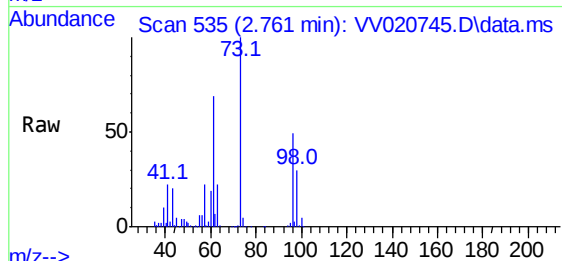




#17
trans-1,2-Dichloroethene
Concen: 53.37 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

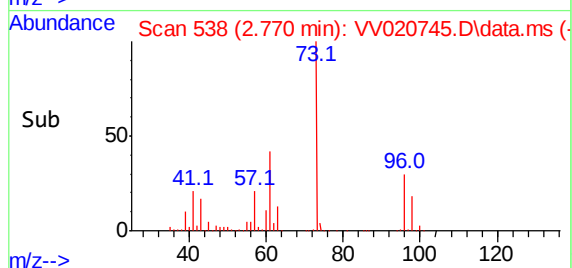
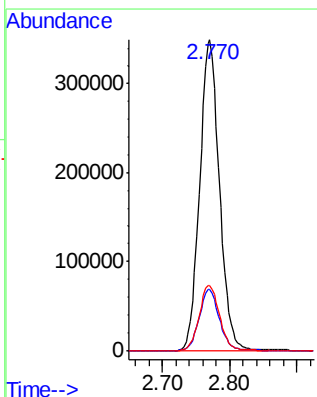
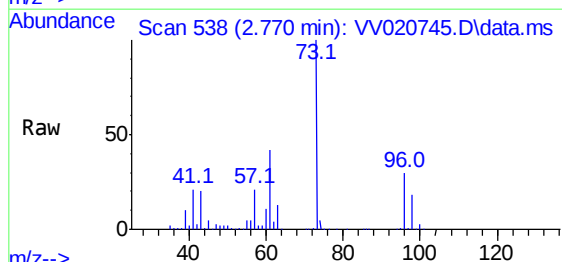
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

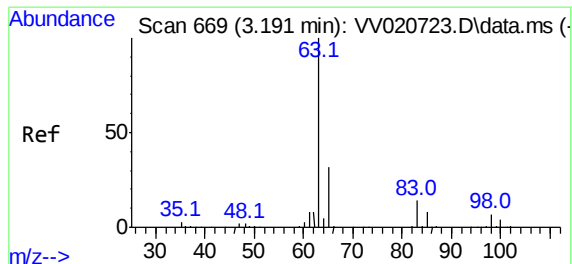
Tgt Ion: 96 Resp: 236176
Ion Ratio Lower Upper
96 100
61 141.0 97.9 181.9
98 62.3 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 51.85 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 73 Resp: 711383
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.0
57 21.5 17.0 25.6

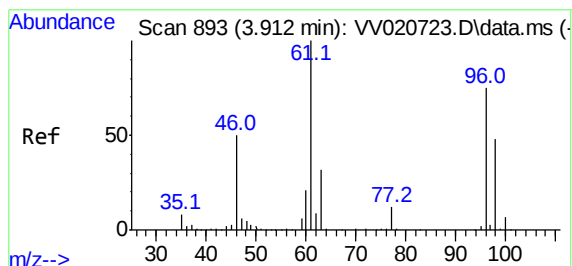
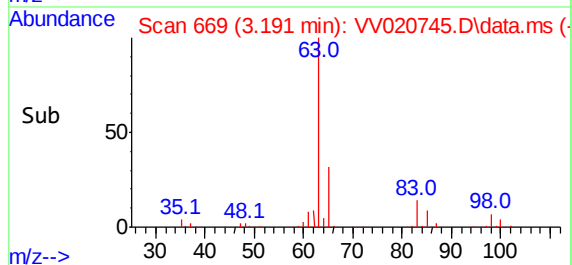
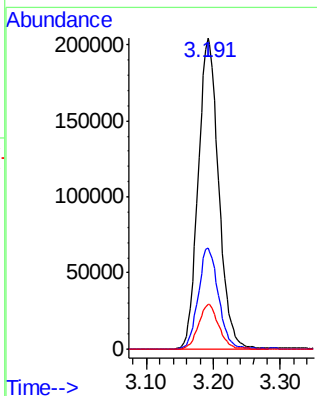
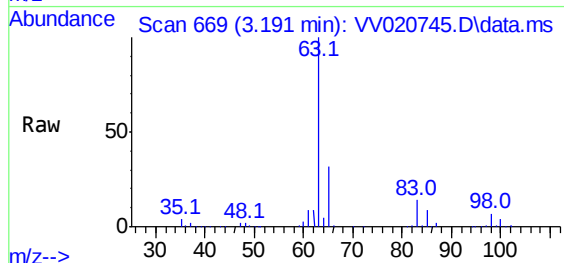




#19
1,1-Dichloroethane
Concen: 52.54 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

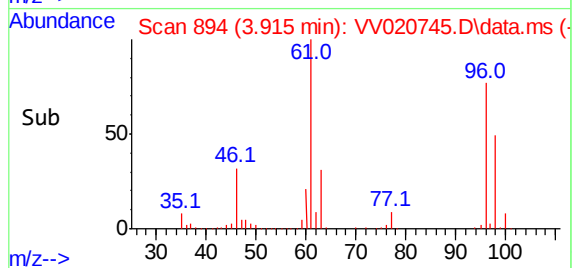
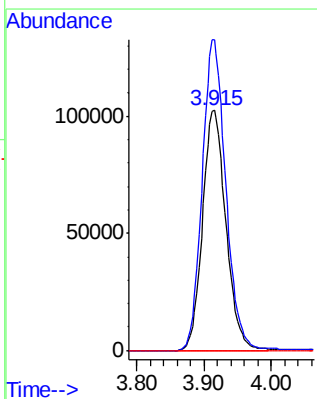
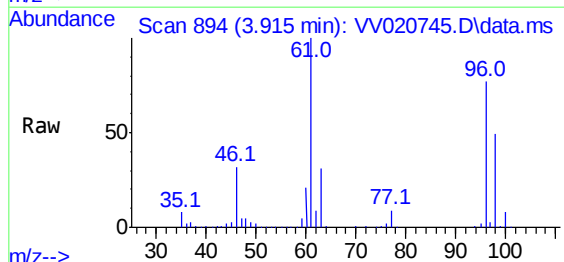
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

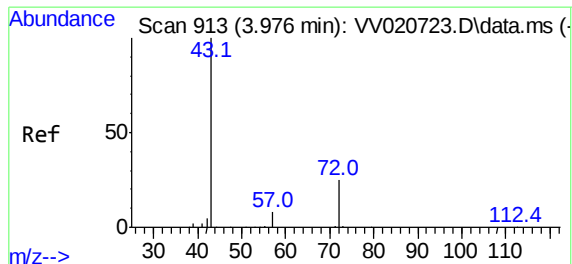
Tgt Ion: 63 Resp: 431928
Ion Ratio Lower Upper
63 100
65 32.4 22.5 41.9
83 14.3 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 52.49 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 96 Resp: 248520
Ion Ratio Lower Upper
96 100
61 129.4 89.9 167.0
68 0.0 0.0 0.0

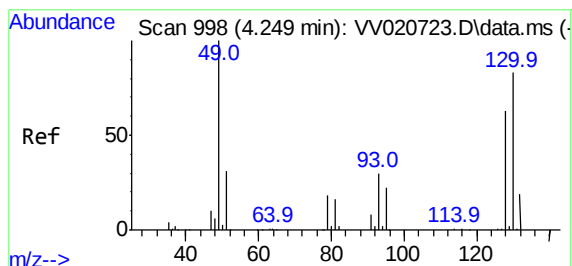
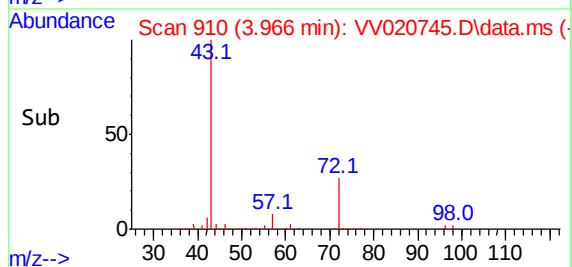
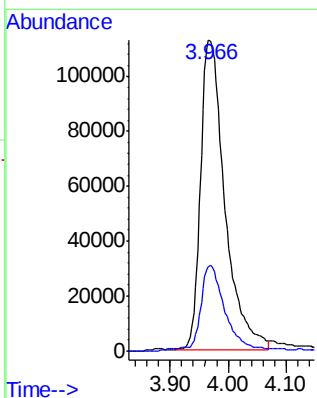
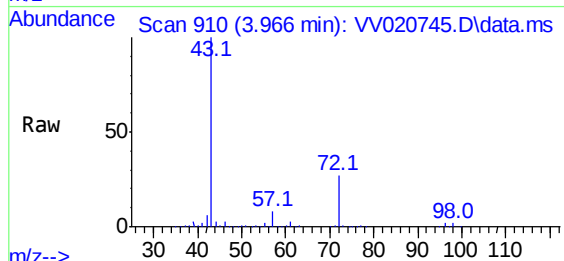




#22
2-Butanone
Concen: 102.91 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.010 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

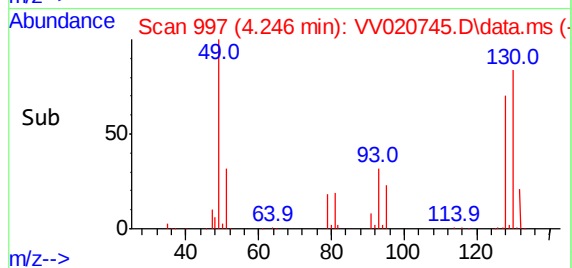
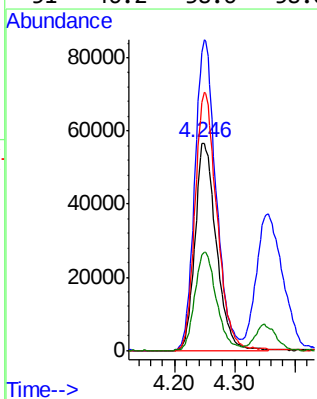
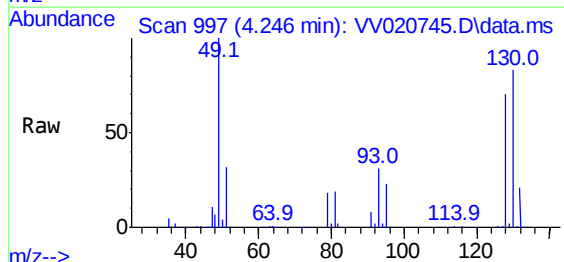
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

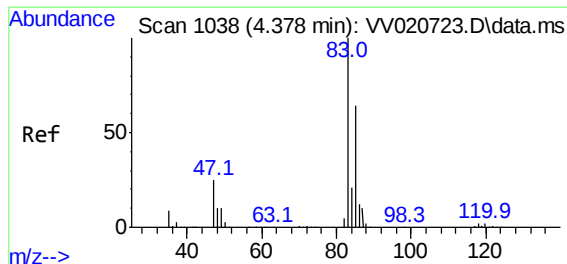
Tgt Ion: 43 Resp: 328102
Ion Ratio Lower Upper
43 100
72 24.9 11.9 35.9



#23
Bromochloromethane
Concen: 54.01 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion:128 Resp: 137646
Ion Ratio Lower Upper
128 100
49 143.6 113.3 210.3
130 119.7 88.7 164.7
51 46.2 38.6 58.0

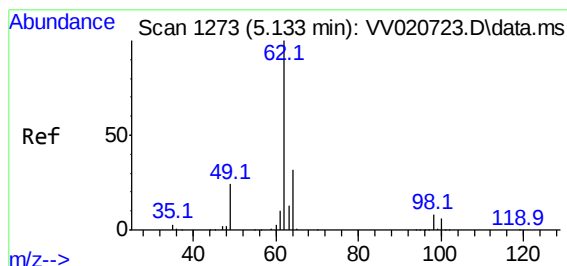
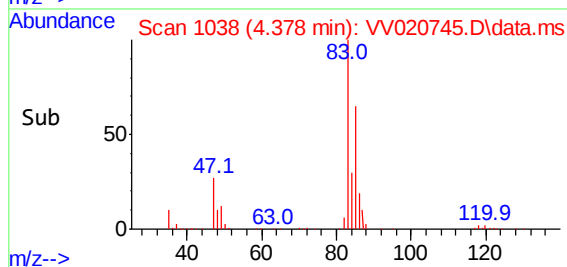
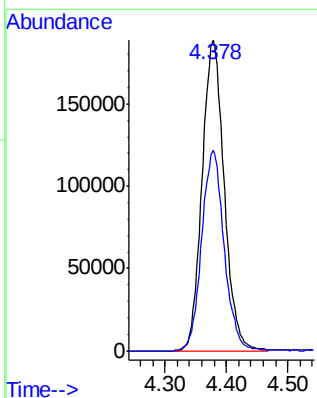
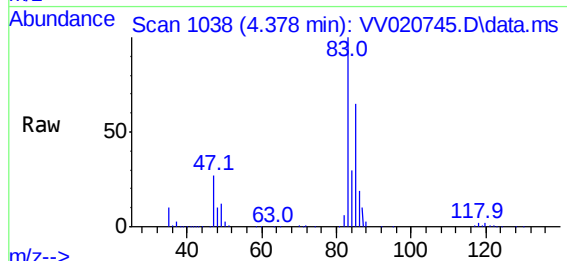




#25
Chloroform
Concen: 53.93 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

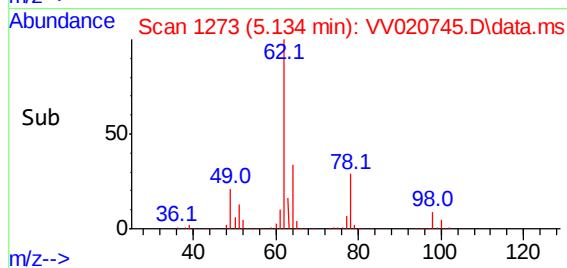
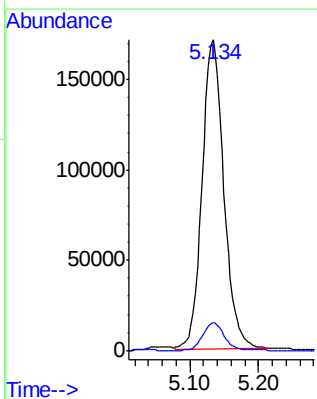
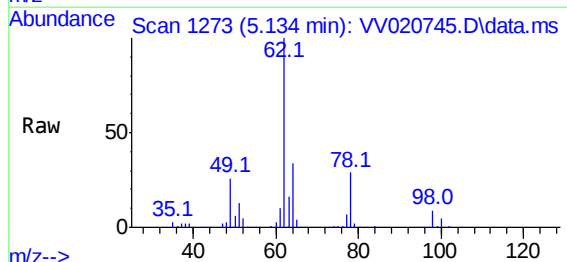
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

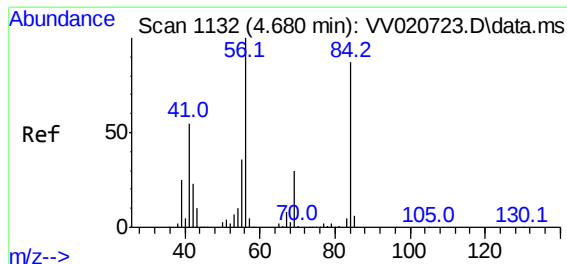
Tgt Ion: 83 Resp: 471601
Ion Ratio Lower Upper
83 100
85 64.8 46.7 86.7



#27
1,2-Dichloroethane
Concen: 53.72 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 62 Resp: 375275
Ion Ratio Lower Upper
62 100
98 9.0 6.8 10.2



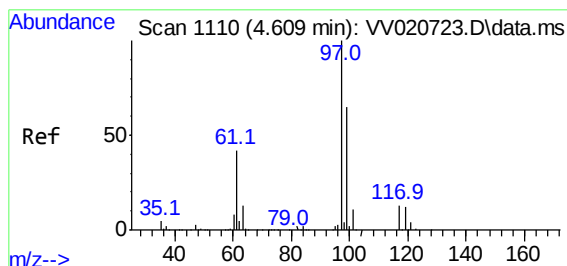
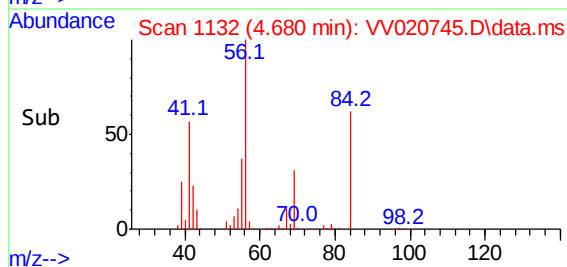
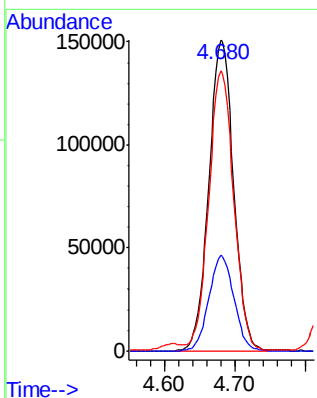
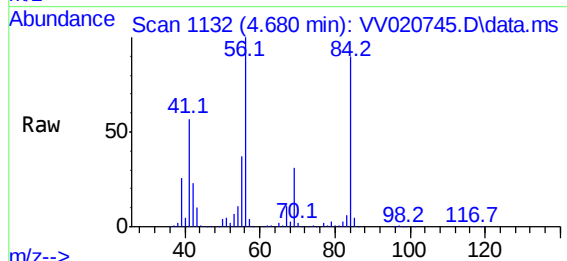


#29
Cyclohexane
Concen: 49.53 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

Tgt Ion: 56 Resp: 369788

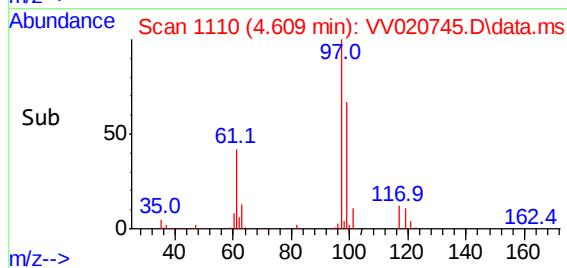
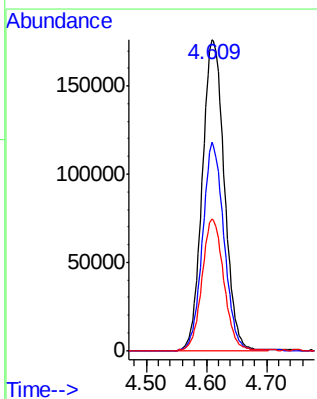
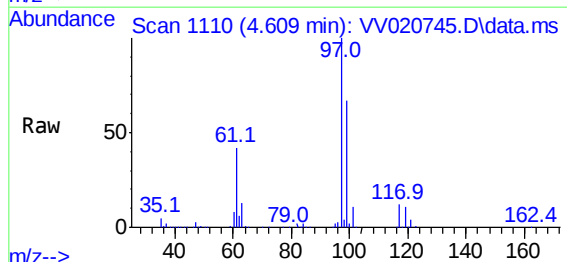
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.4	36.6
84	90.9	69.9	104.9

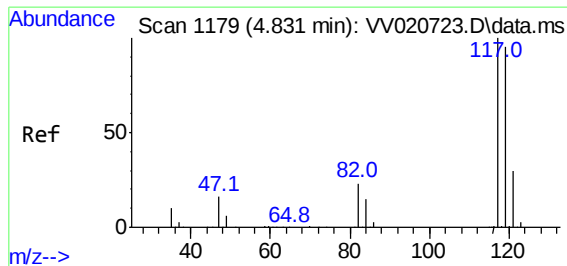


#30
1,1,1-Trichloroethane
Concen: 53.81 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 97 Resp: 439250

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.2
61	41.6	33.9	50.9

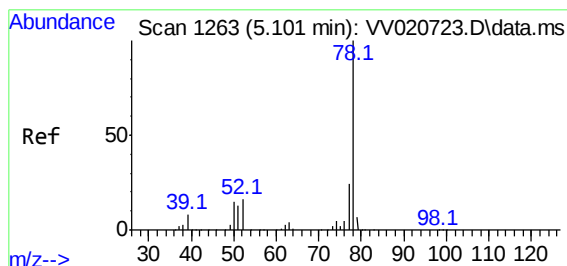
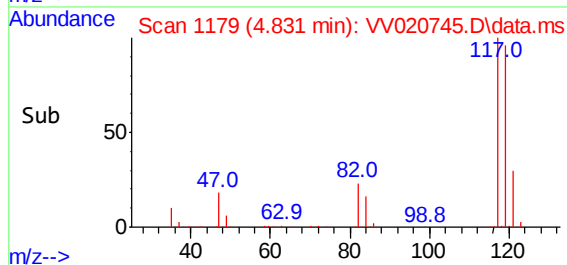
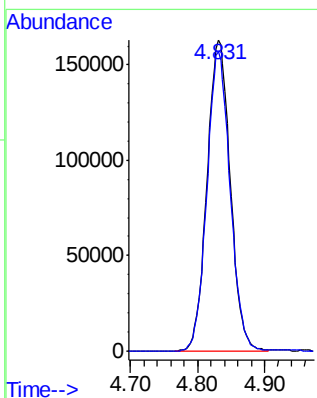
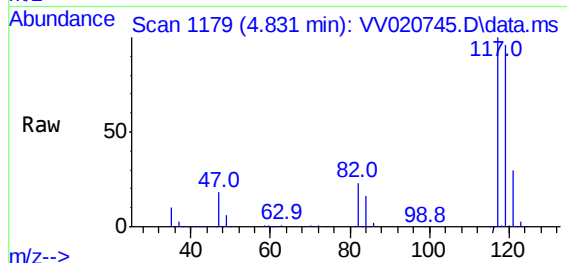




#31
Carbon tetrachloride
Concen: 53.91 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

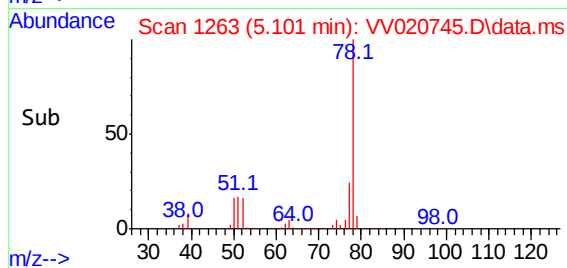
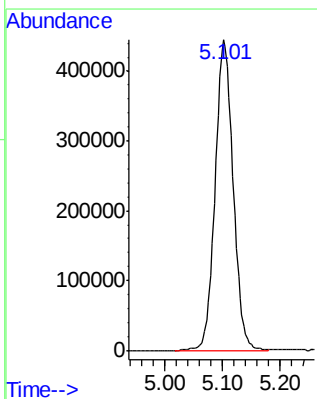
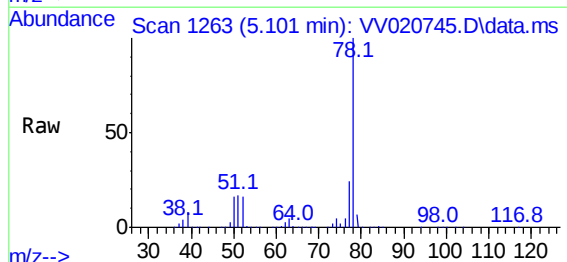
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

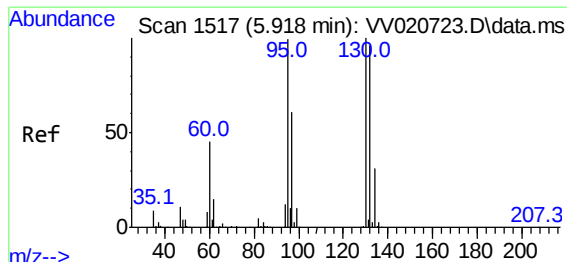
Tgt Ion:117 Resp: 393055
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3



#33
Benzene
Concen: 52.93 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 78 Resp: 963674





#34

Trichloroethene

Concen: 51.90 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV020745.D

Acq: 26 Mar 2021 10:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD05092

Tgt Ion: 95 Resp: 258993

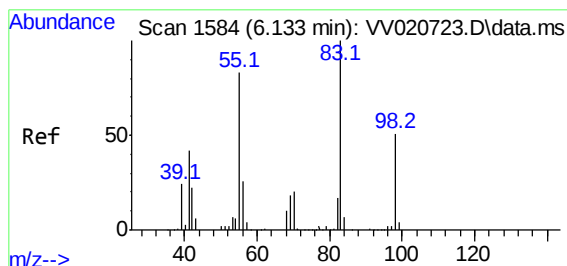
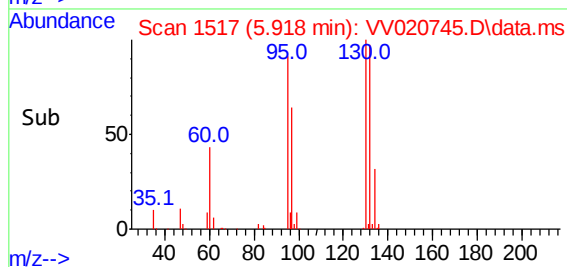
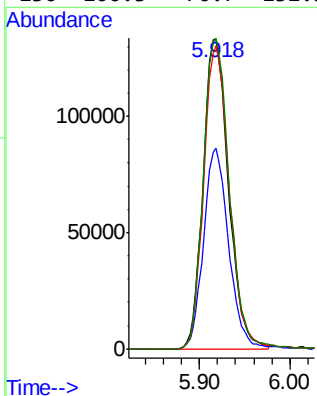
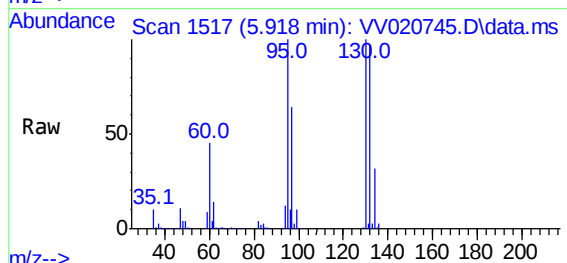
Ion Ratio Lower Upper

95 100

97 64.6 43.5 80.9

132 97.8 69.5 129.1

130 100.3 70.7 131.3



#35

Methylcyclohexane

Concen: 51.99 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV020745.D

Acq: 26 Mar 2021 10:22

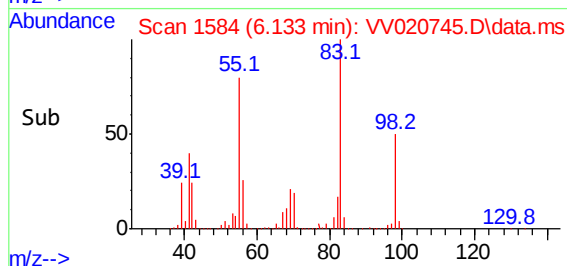
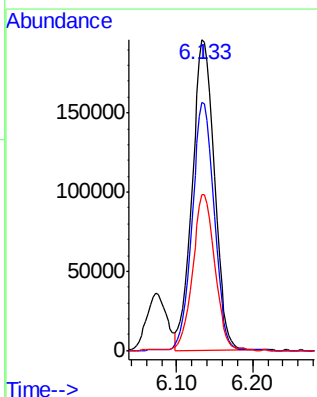
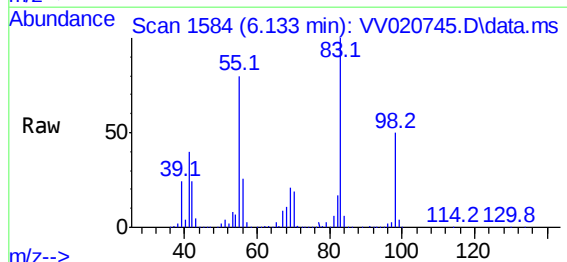
Tgt Ion: 83 Resp: 398084

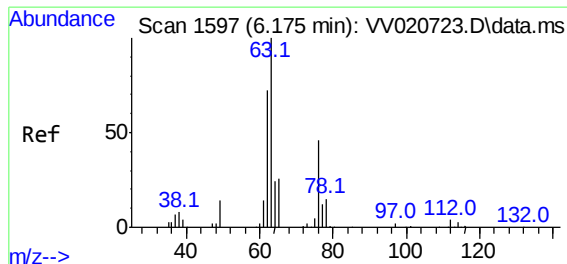
Ion Ratio Lower Upper

83 100

55 78.9 62.7 94.1

98 49.9 38.9 58.3

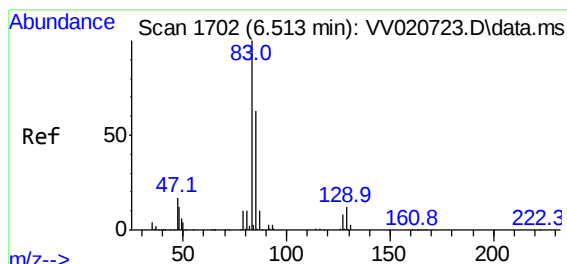
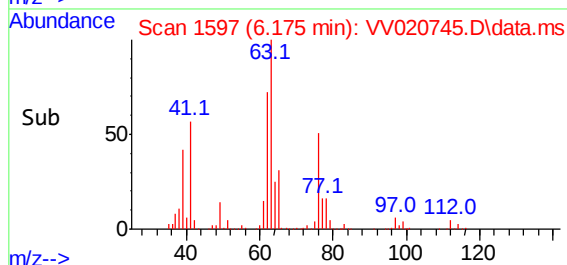
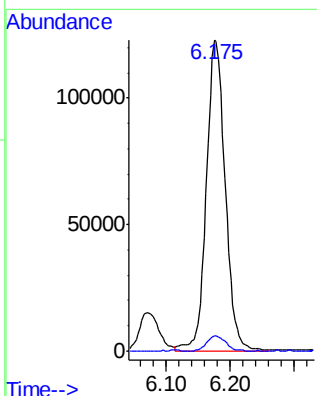
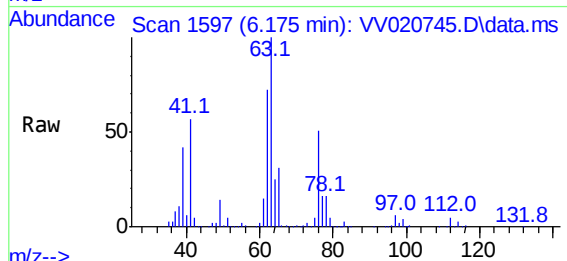




#37
1,2-Dichloropropane
Concen: 52.24 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

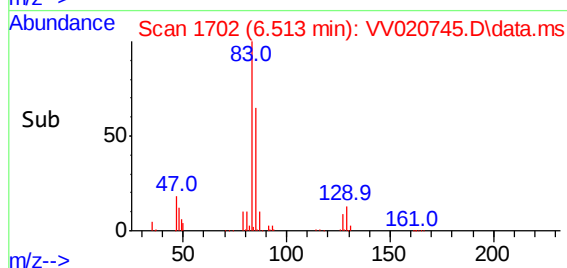
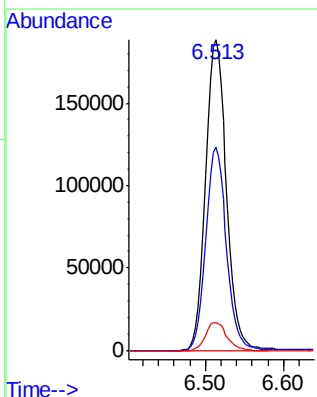
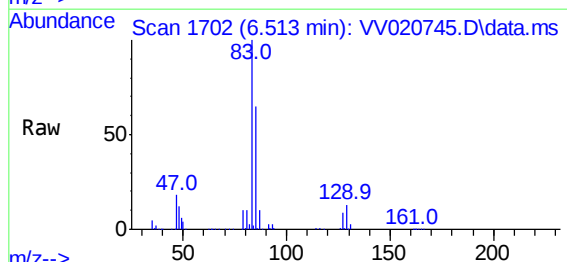
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

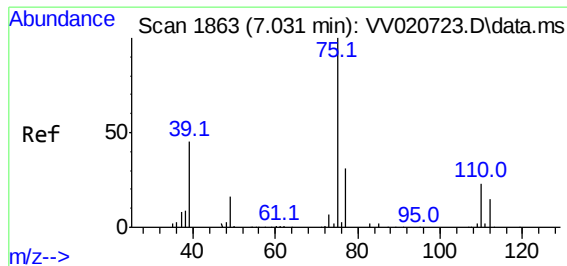
Tgt Ion: 63 Resp: 249415
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 52.70 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 83 Resp: 353322
Ion Ratio Lower Upper
83 100
85 65.3 44.5 82.7
127 9.2 6.8 10.2

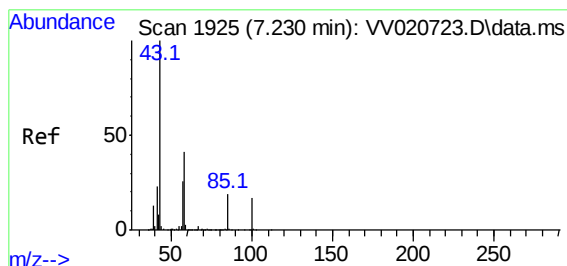
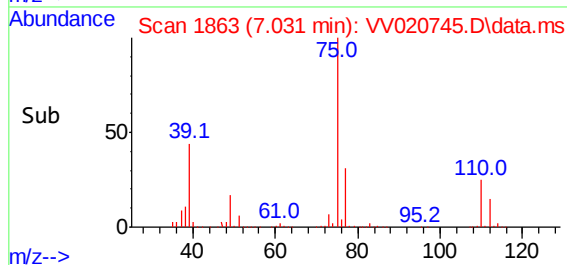
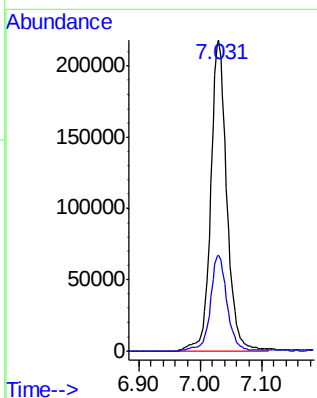
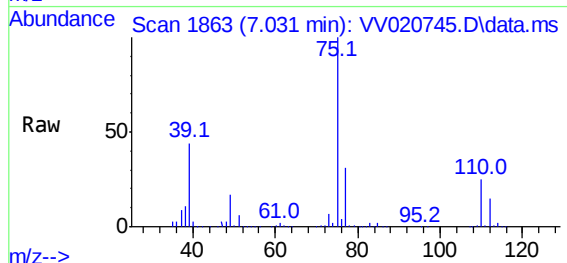




#39
 cis-1,3-Dichloropropene
 Concen: 53.97 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV020745.D
 Acq: 26 Mar 2021 10:22

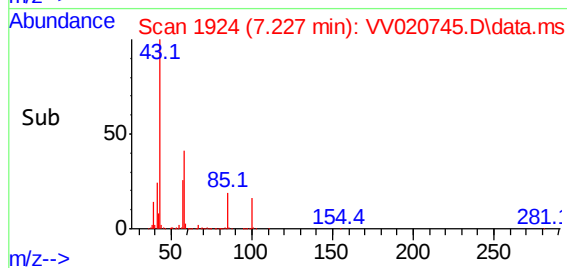
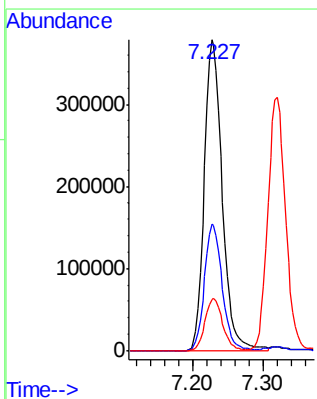
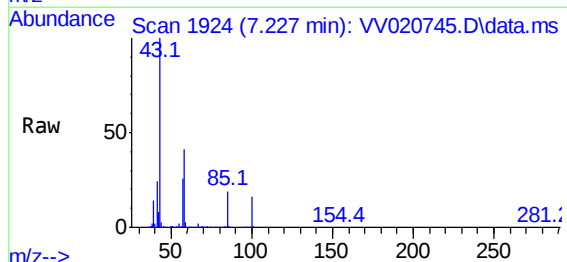
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05092

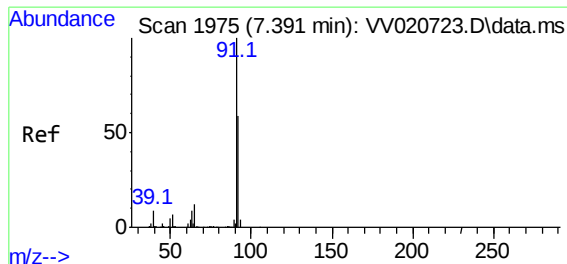
Tgt Ion: 75 Resp: 397831
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 105.08 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV020745.D
 Acq: 26 Mar 2021 10:22

Tgt Ion: 43 Resp: 672781
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.3 48.5
 100 16.4 13.0 19.4

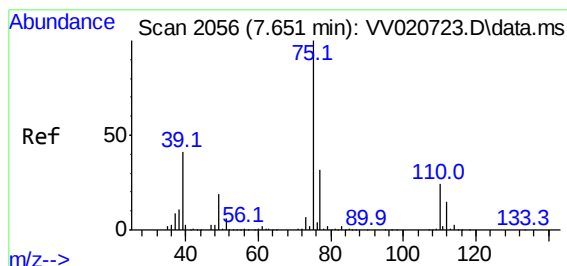
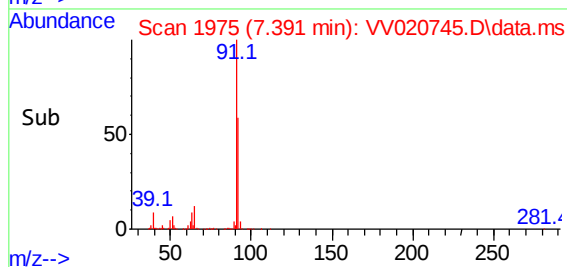
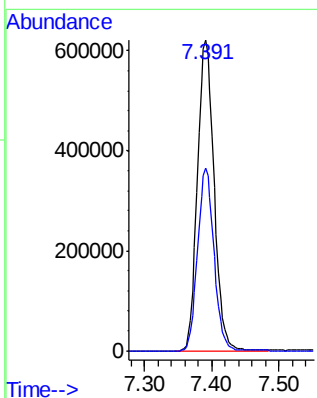
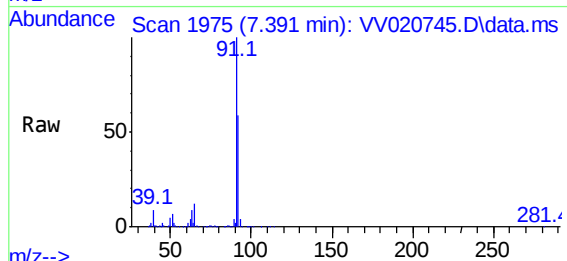




#42
Toluene
Concen: 53.87 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

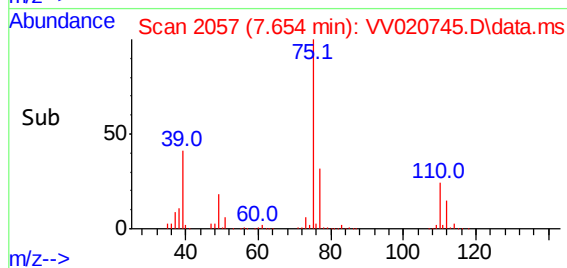
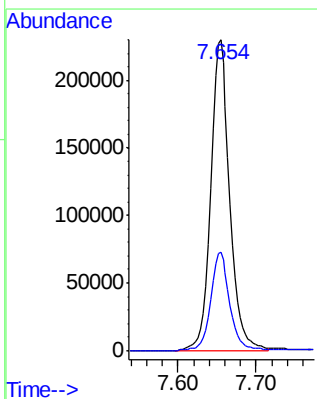
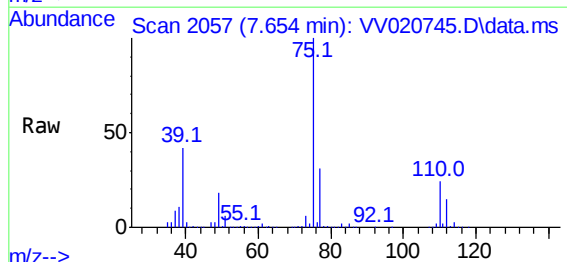
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

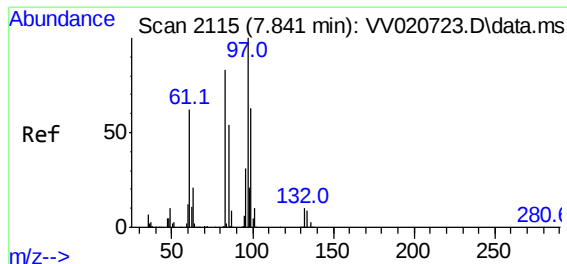
Tgt Ion: 91 Resp: 1065902
Ion Ratio Lower Upper
91 100
92 58.8 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 53.25 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 75 Resp: 395186
Ion Ratio Lower Upper
75 100
77 31.5 21.6 40.0



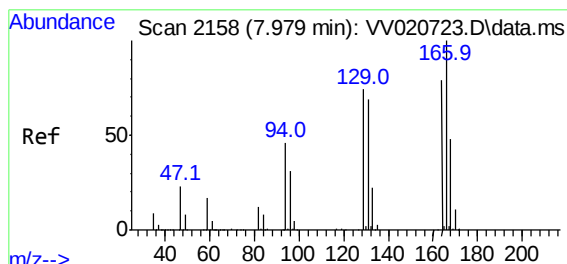
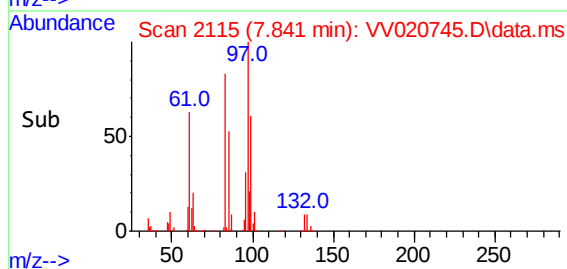
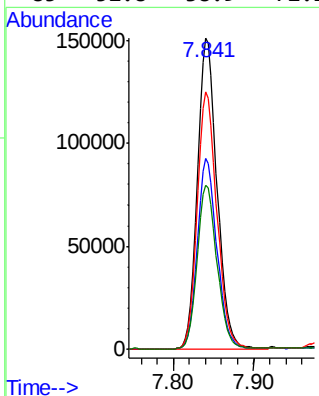
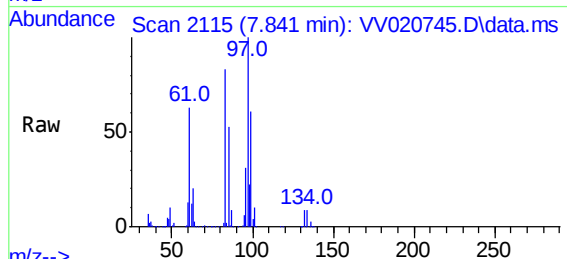


#45
1,1,2-Trichloroethane
Concen: 53.43 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

Tgt Ion: 97 Resp: 250943

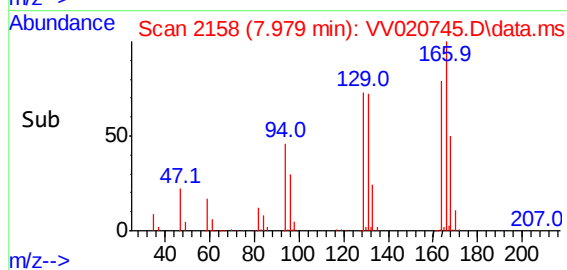
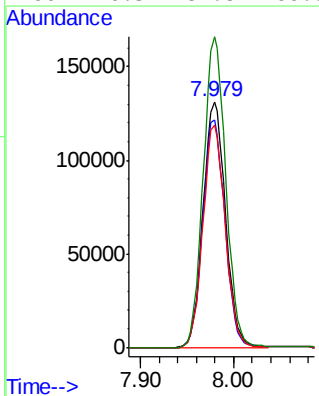
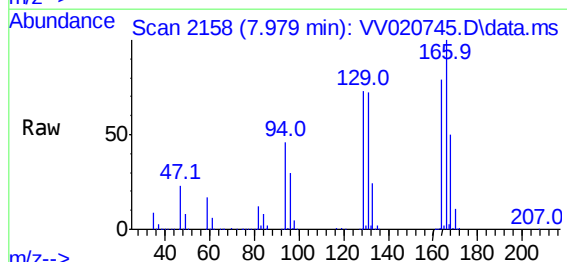
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.1	81.9
83	82.8	60.7	112.7
85	52.8	38.9	72.2

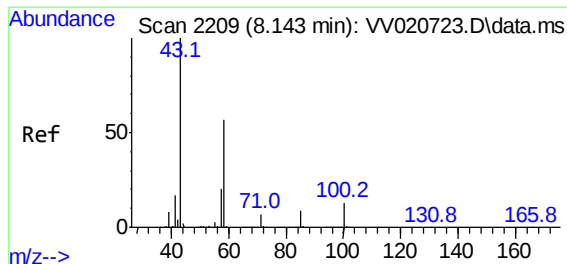


#46
Tetrachloroethene
Concen: 52.69 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 164 Resp: 219509

Ion	Ratio	Lower	Upper
164	100		
129	92.7	64.3	119.5
131	90.8	63.5	117.9
166	126.5	89.8	166.8

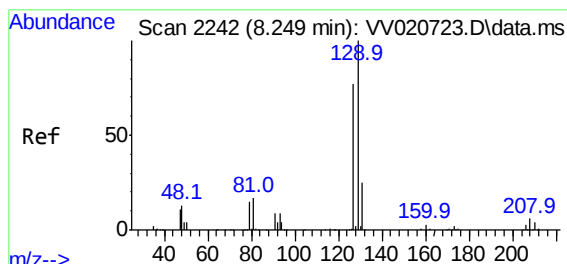
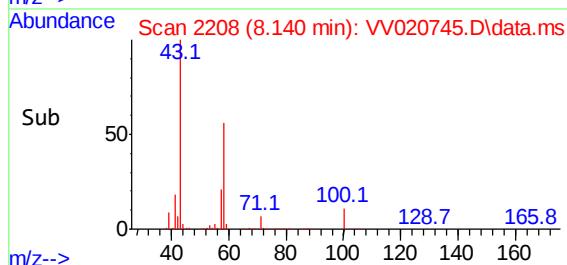
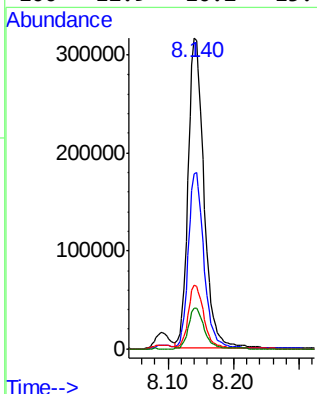
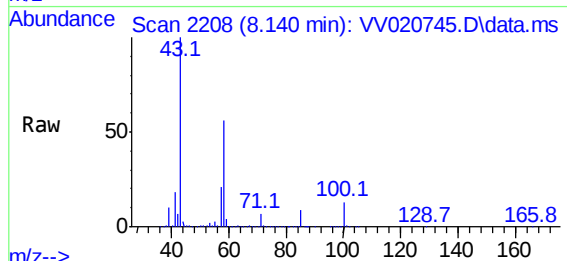




#48
2-Hexanone
Concen: 108.66 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

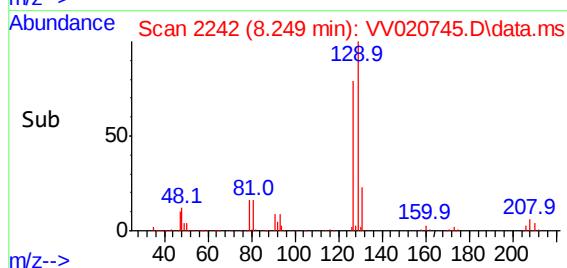
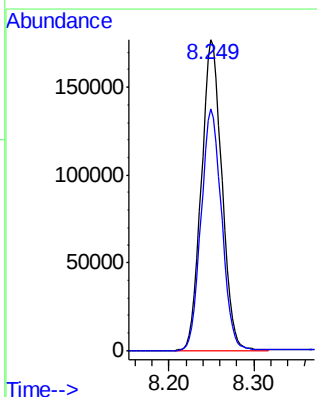
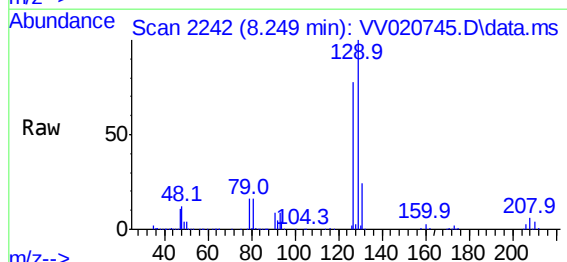
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

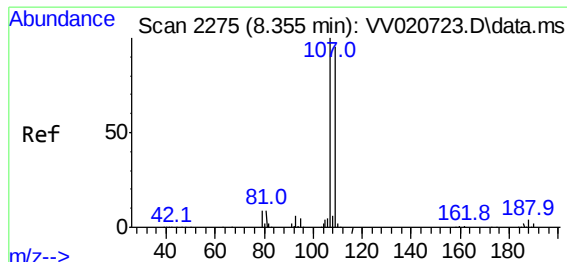
Tgt Ion: 43 Resp: 531068
Ion Ratio Lower Upper
43 100
58 56.0 45.8 68.8
57 20.2 15.4 23.2
100 12.9 10.2 15.4



#49
Dibromochloromethane
Concen: 54.21 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 129 Resp: 296604
Ion Ratio Lower Upper
129 100
127 77.7 54.6 101.4

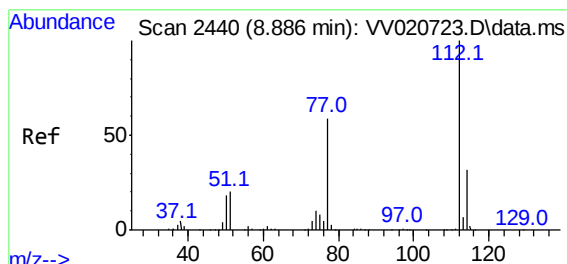
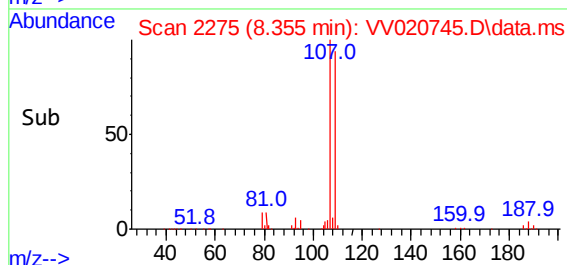
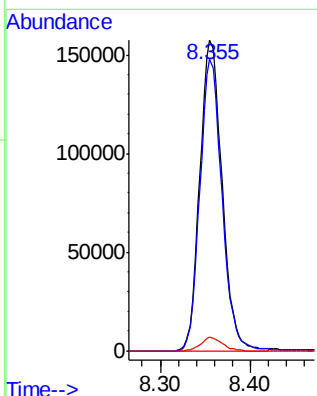
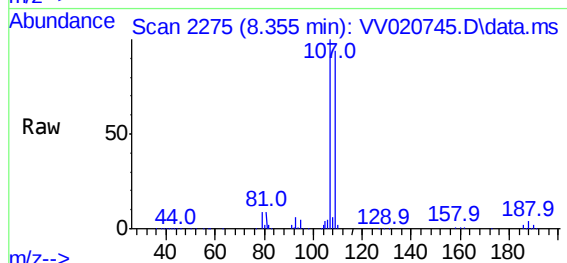




#50
1,2-Dibromoethane
Concen: 53.17 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

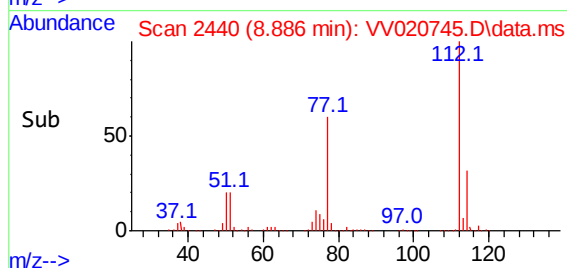
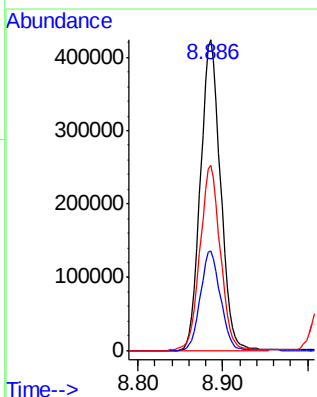
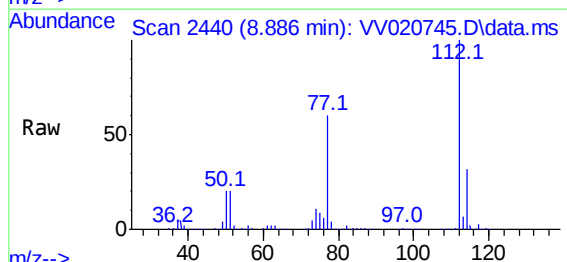
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

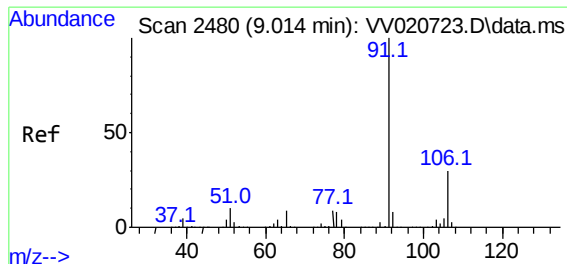
Tgt Ion:107 Resp: 267464
Ion Ratio Lower Upper
107 100
109 93.8 66.7 123.9
188 4.3 3.0 4.4



#51
Chlorobenzene
Concen: 52.12 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion:112 Resp: 692330
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 59.7 46.7 70.1

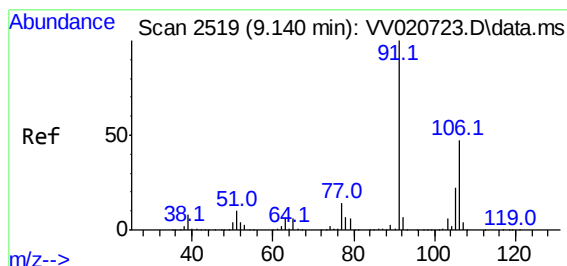
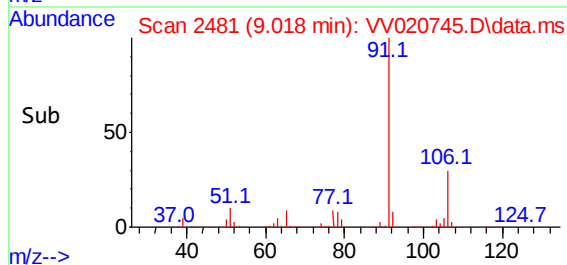
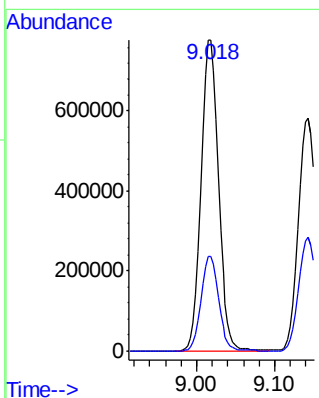
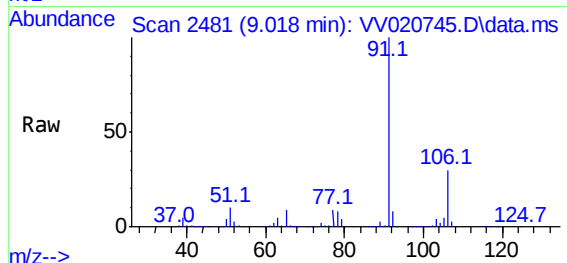




#52
Ethylbenzene
Concen: 53.15 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

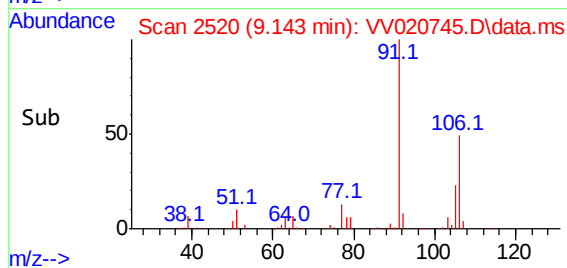
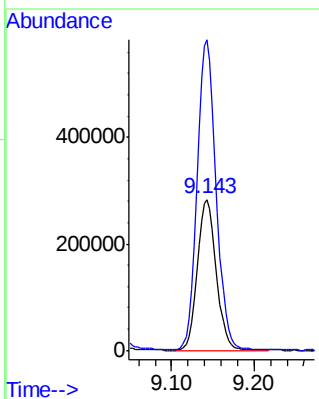
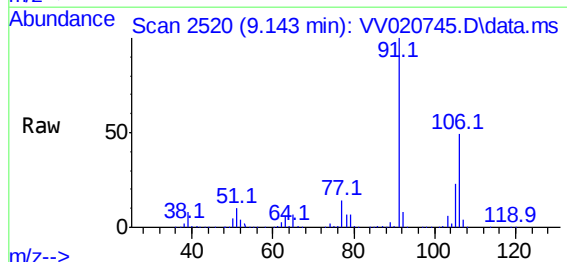
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

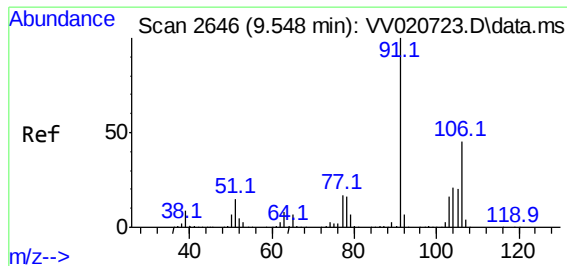
Tgt Ion: 91 Resp: 1200210
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 54.31 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion: 106 Resp: 456221
Ion Ratio Lower Upper
106 100
91 205.4 145.7 270.7

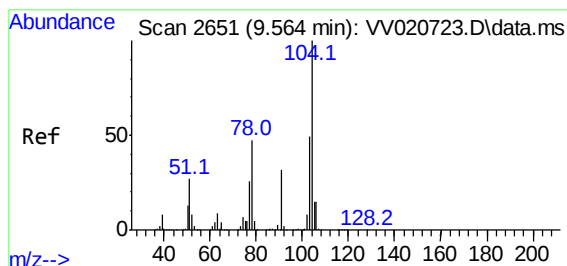
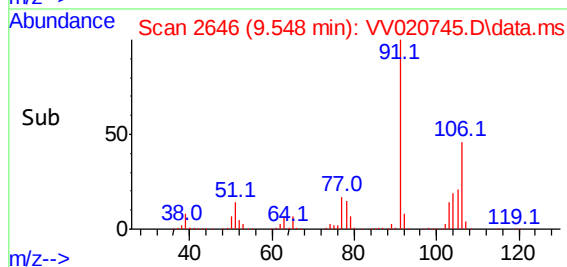
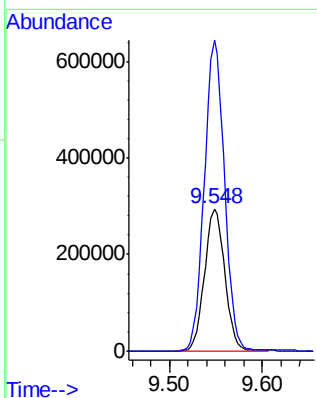
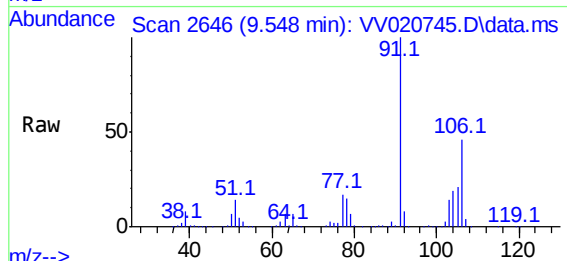




#54
o-xylene
Concen: 54.88 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

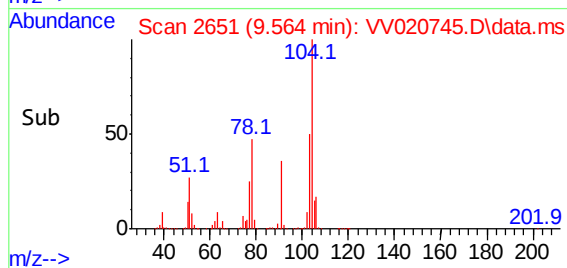
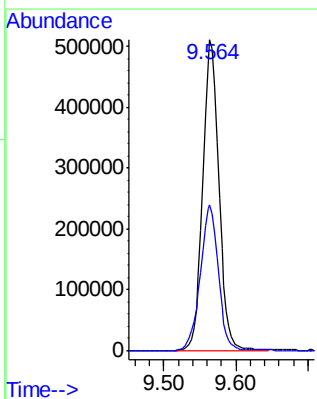
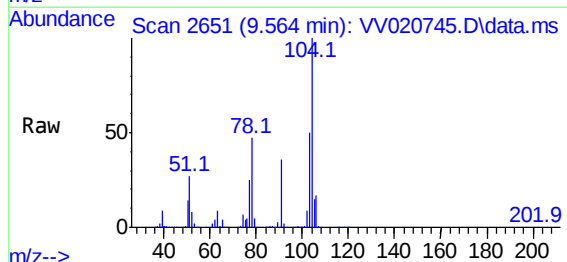
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

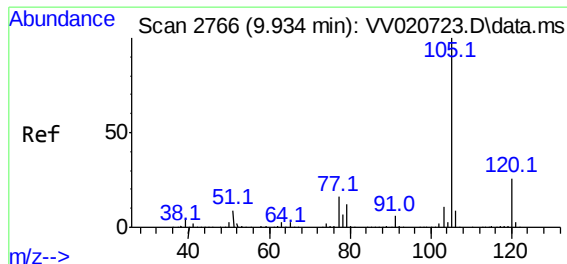
Tgt Ion:106 Resp: 444318
Ion Ratio Lower Upper
106 100
91 218.9 157.8 293.1



#55
Styrene
Concen: 55.88 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

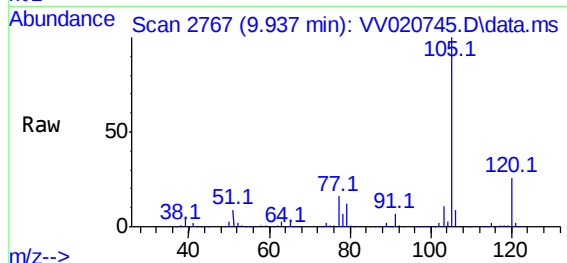
Tgt Ion:104 Resp: 794885
Ion Ratio Lower Upper
104 100
78 47.1 33.6 62.4



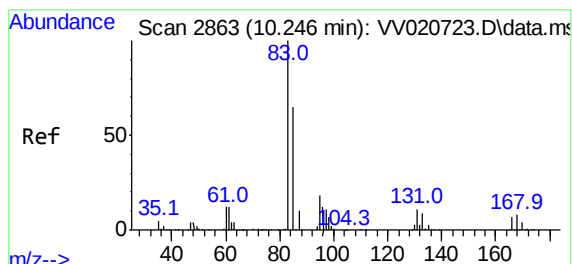
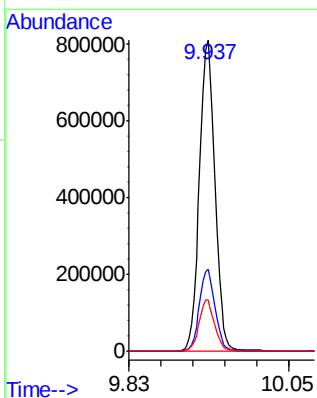
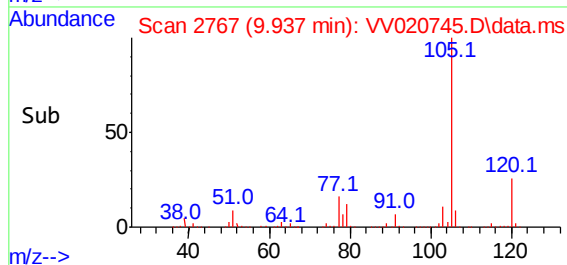


#56
Isopropylbenzene
Concen: 54.22 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

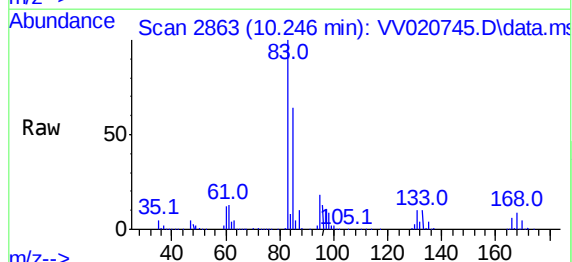
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092



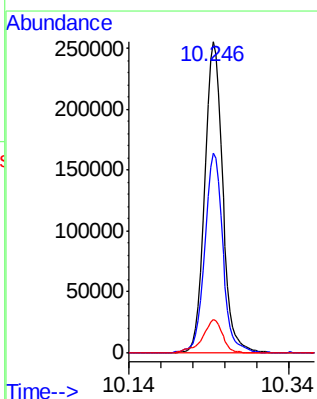
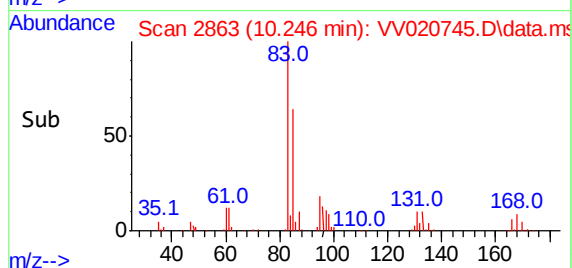
Tgt Ion:105 Resp: 1208715
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.0 12.9 19.3

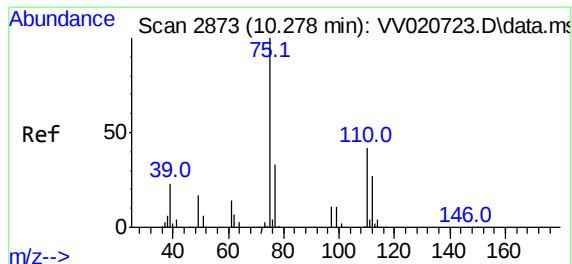


#58
1,1,2,2-Tetrachloroethane
Concen: 53.20 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22



Tgt Ion: 83 Resp: 407573
Ion Ratio Lower Upper
83 100
85 64.0 44.7 83.1
131 10.4 8.6 12.8

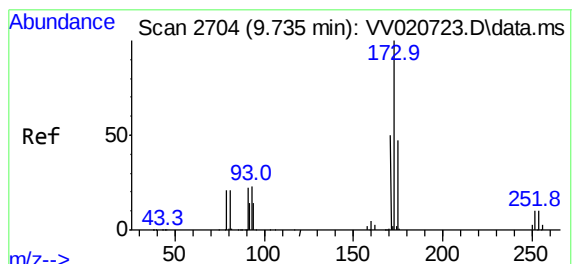
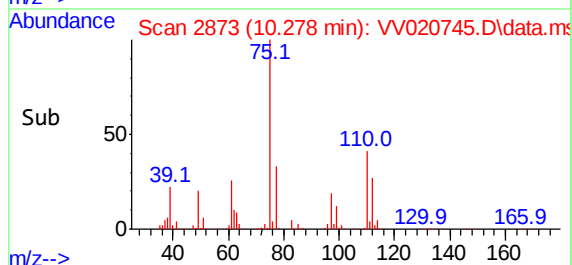
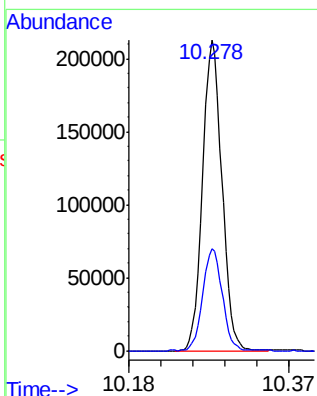
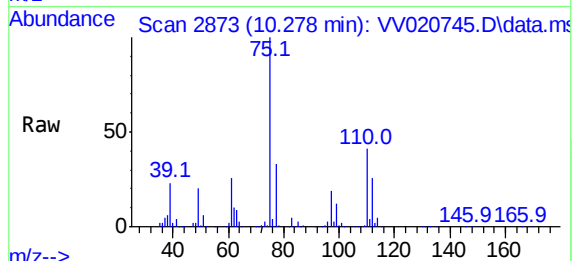




#59
1,2,3-Trichloropropane
Concen: 52.30 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

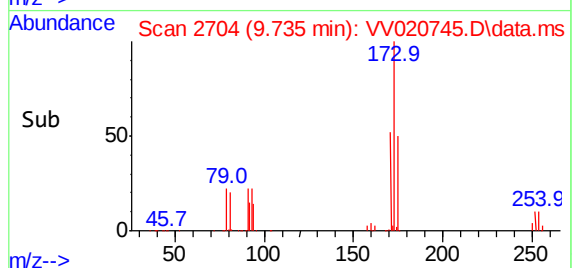
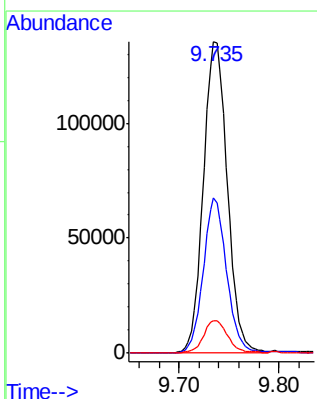
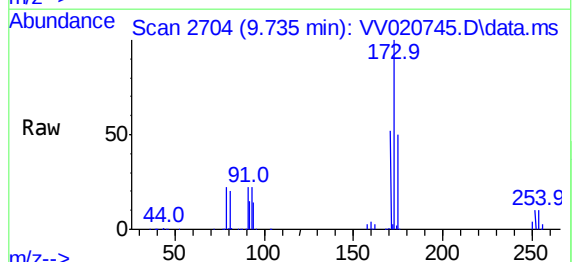
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

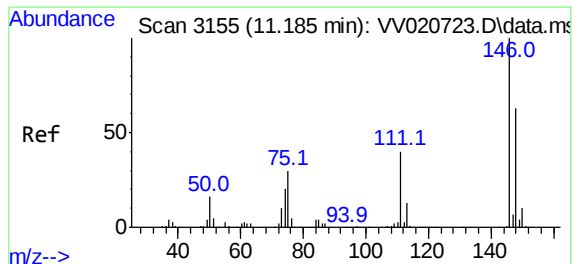
Tgt Ion: 75 Resp: 326093
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9



#61
Bromoform
Concen: 51.81 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion:173 Resp: 225621
Ion Ratio Lower Upper
173 100
175 48.4 38.4 57.6
254 10.0 8.5 12.7

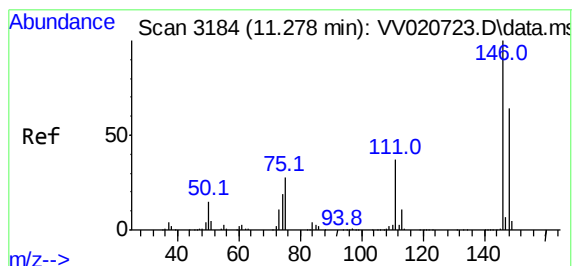
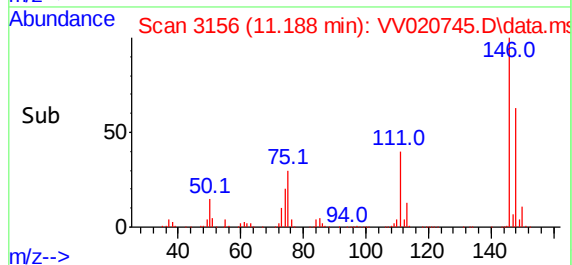
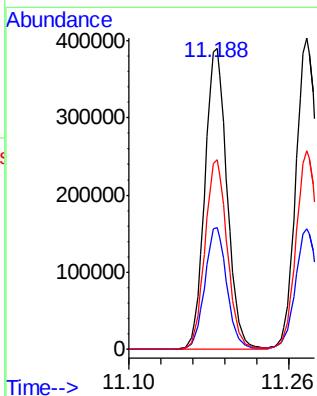
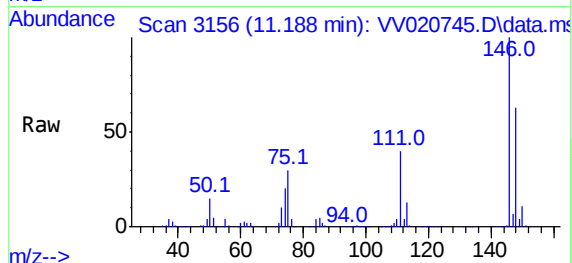




#62
1,3-Dichlorobenzene
Concen: 51.22 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

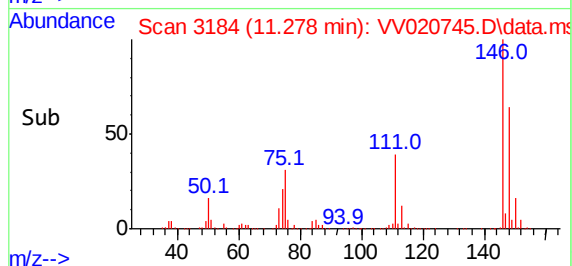
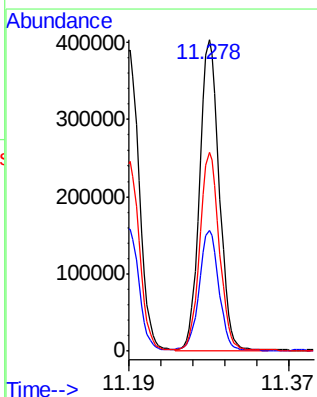
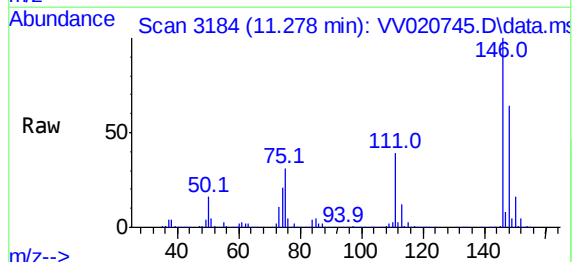
Instrument :
MSVOA_V
ClientSampled :
VSTD05092

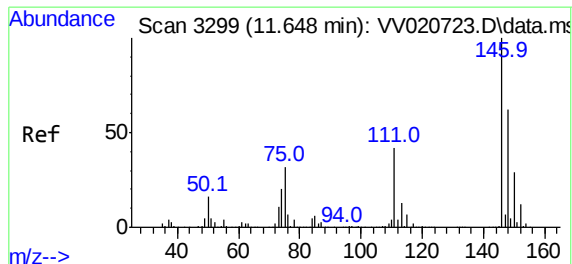
Tgt Ion:146 Resp: 599538
Ion Ratio Lower Upper
146 100
111 40.5 27.4 51.0
148 62.9 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 51.39 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

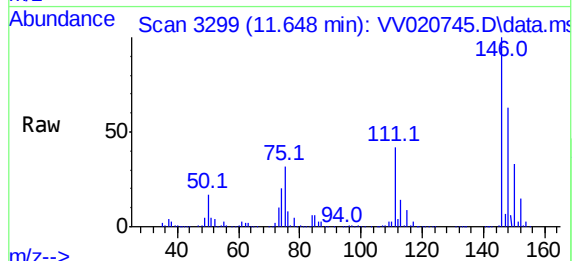
Tgt Ion:146 Resp: 625594
Ion Ratio Lower Upper
146 100
111 38.8 26.0 48.4
148 63.9 44.1 81.9





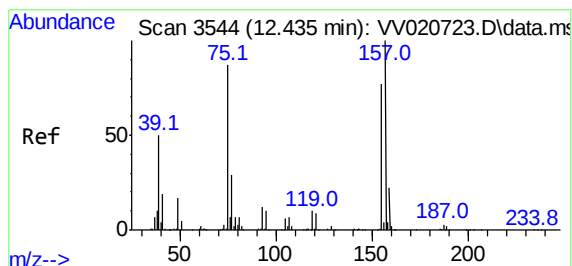
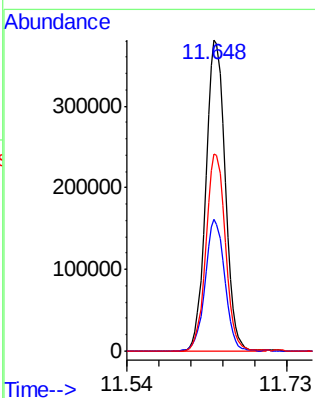
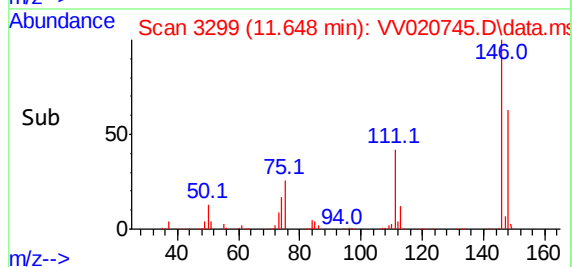
#65
1,2-Dichlorobenzene
Concen: 51.87 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

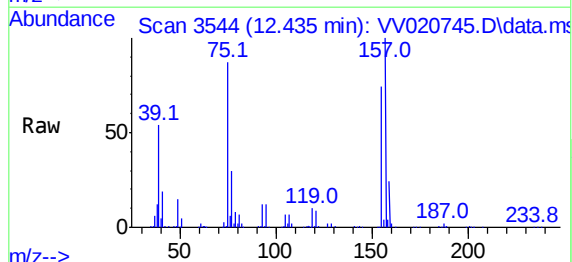


Tgt Ion:146 Resp: 598393

Ion	Ratio	Lower	Upper
146	100		
111	42.3	34.1	51.1
148	63.4	51.4	77.0

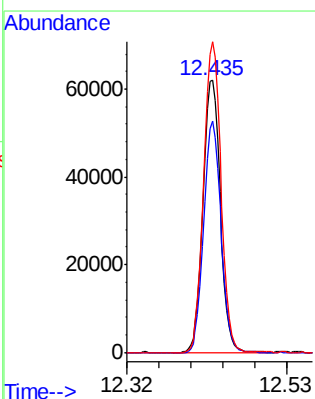
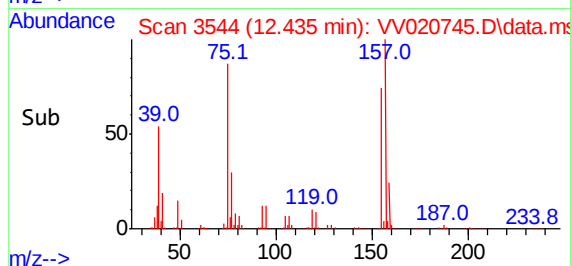


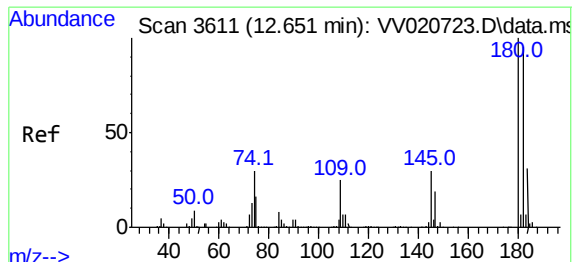
#66
1,2-Dibromo-3-chloropropane
Concen: 49.93 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22



Tgt Ion: 75 Resp: 97384

Ion	Ratio	Lower	Upper
75	100		
155	84.9	65.3	97.9
157	114.3	85.8	128.6

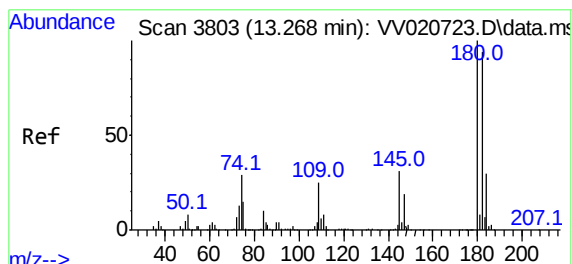
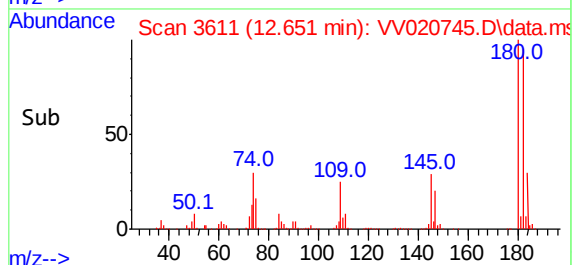
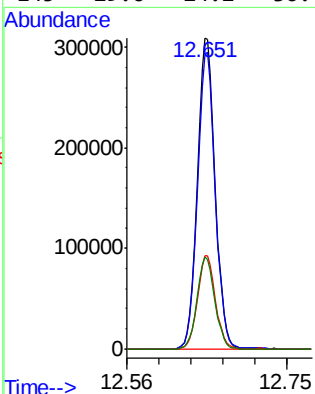
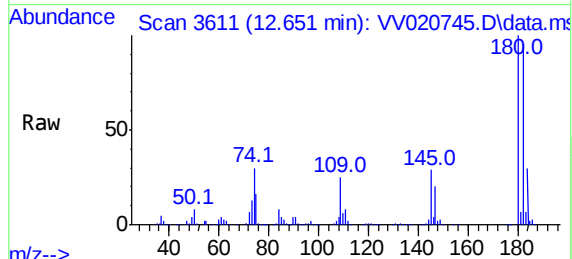




#67
 1,3,5-Trichlorobenzene
 Concen: 51.45 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: VV020745.D
 Acq: 26 Mar 2021 10:22

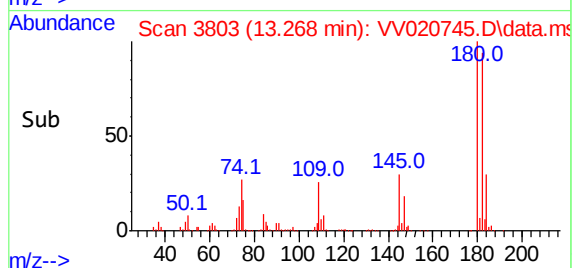
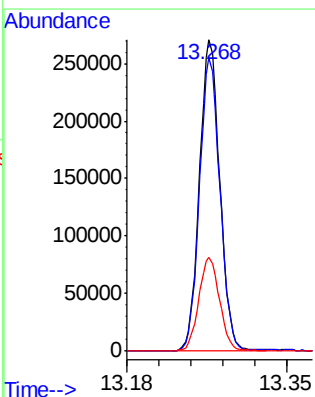
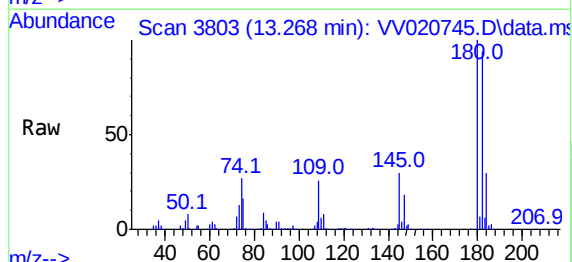
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

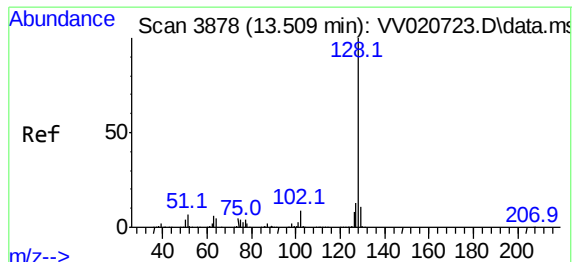
Tgt Ion:180 Resp: 466799
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.3 114.5
 184 30.1 24.5 36.7
 145 29.6 24.2 36.4



#68
 1,2,4-trichlorobenzene
 Concen: 53.17 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV020745.D
 Acq: 26 Mar 2021 10:22

Tgt Ion:180 Resp: 409027
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.8 113.6
 145 30.4 23.9 35.9

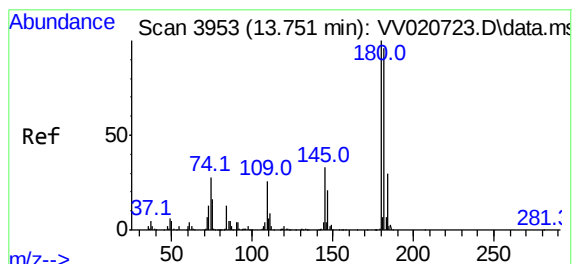
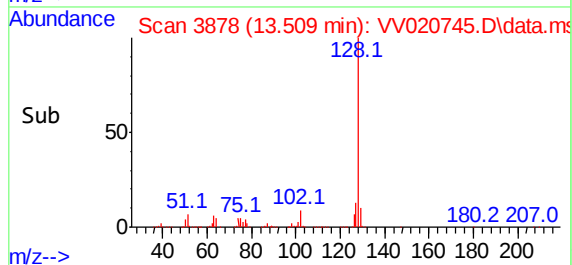
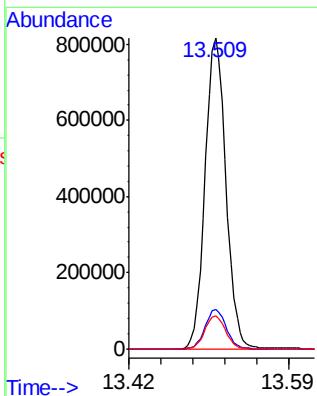
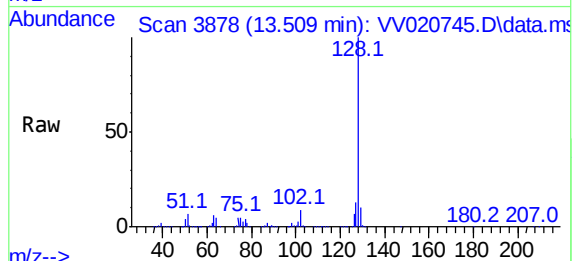




#69
Naphthalene
Concen: 55.43 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

Tgt Ion:128 Resp: 1220568
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.5 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 53.23 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020745.D
Acq: 26 Mar 2021 10:22

Tgt Ion:180 Resp: 410056
Ion Ratio Lower Upper
180 100
182 96.6 75.2 112.8
145 32.3 25.5 38.3

