

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020566.D
 Acq On : 12 Mar 2021 15:12
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Mar 12 15:32:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	499425	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	494716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	253255	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	403701	107.94	ug/L	0.00
7) Chloroethane-d5	1.571	69	323888	110.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	772274	119.46	ug/L	0.00
21) 2-Butanone-d5	3.889	46	550672	271.45	ug/L	0.00
24) Chloroform-d	4.352	84	722945	111.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	472398	116.62	ug/L	0.00
32) Benzene-d6	5.053	84	1419748	111.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	464174	118.66	ug/L	0.00
41) Toluene-d8	7.320	98	1286446	106.63	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	232863	125.46	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	384314	272.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	597881	117.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.631	152	498706	101.35	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	403609	90.00	ug/L	100
3) Chloromethane	1.243	50	484282	116.27	ug/L	100
5) Vinyl chloride	1.314	62	482698	111.89	ug/L	100
6) Bromomethane	1.526	94	277904	96.73	ug/L	97
8) Chloroethane	1.587	64	288239	116.46	ug/L	99
9) Trichlorofluoromethane	1.754	101	631531	102.80	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	338803	102.18	ug/L	97
12) 1,1-Dichloroethene	2.121	96	335942	102.92	ug/L	87
13) Acetone	2.185	43	381835	260.79	ug/L	98
14) Carbon disulfide	2.297	76	1043933	112.68	ug/L	100
15) Methyl Acetate	2.436	43	426447	133.88	ug/L	99
16) Methylene chloride	2.510	84	385414	107.74	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	358530	105.04	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	1138348	119.78	ug/L	99
19) 1,1-Dichloroethane	3.191	63	703915	119.51	ug/L	100
22) 2-Butanone	3.973	43	614639	286.72	ug/L	97
23) Bromochloromethane	4.249	128	191545	95.95	ug/L	95
25) Chloroform	4.378	83	724617	112.16	ug/L	99
27) 1,2-Dichloroethane	5.133	62	580223	120.59	ug/L	99
29) Cyclohexane	4.683	56	641240	134.08	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	609056	110.13	ug/L	100
31) Carbon tetrachloride	4.831	117	501115	103.51	ug/L	99
33) Benzene	5.101	78	1557468	115.85	ug/L	100
34) Trichloroethene	5.915	95	425122	106.74	ug/L	97
35) Methylcyclohexane	6.136	83	612356	117.63	ug/L	99
37) 1,2-Dichloropropane	6.178	63	413860	122.36	ug/L	100
38) Bromodichloromethane	6.513	83	540507	119.02	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	652207	127.82	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	1248178	296.81	ug/L	97
42) Toluene	7.390	91	1655004	113.28	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	635182	127.23	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	386652	109.18	ug/L	98

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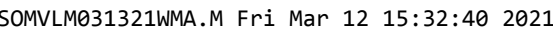
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

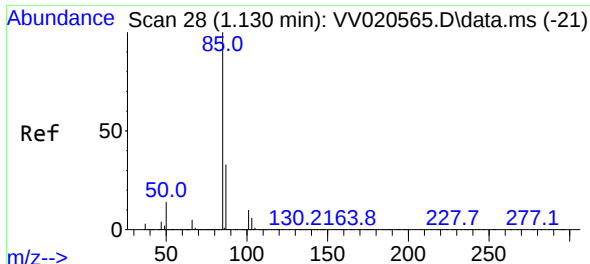
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.979	164	282391	89.25	ug/L	97
48) 2-Hexanone	8.143	43	966006	295.31	ug/L	98
49) Dibromochloromethane	8.249	129	398128	104.50	ug/L	99
50) 1,2-Dibromoethane	8.355	107	406985	107.85	ug/L	98
51) Chlorobenzene	8.886	112	1029370	101.86	ug/L	100
52) Ethylbenzene	9.017	91	1886573	116.42	ug/L	100
53) m,p-Xylene	9.143	106	703575	113.55	ug/L	95
54) o-xylene	9.548	106	680017	113.98	ug/L	98
55) Styrene	9.564	104	1220035	118.14	ug/L	96
56) Isopropylbenzene	9.937	105	1856714	116.61	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	584375	119.74	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	509976	113.74	ug/L	100
61) Bromoform	9.734	173	273558	107.65	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	829949	107.49	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	846995	105.23	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	831267	107.04	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	137001	139.71	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	589041	99.92	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	540691	106.30	ug/L	98
69) Naphthalene	13.509	128	1833898	130.81	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	532458	103.79	ug/L	99

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

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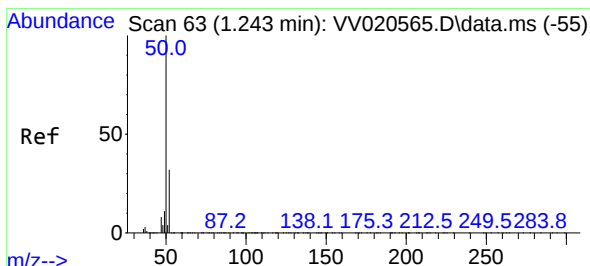
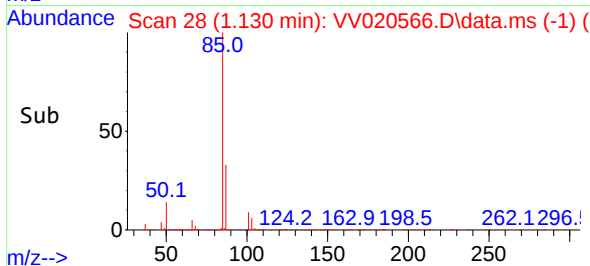
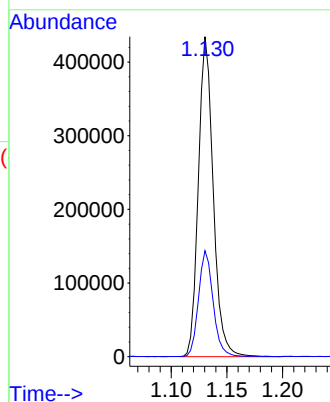
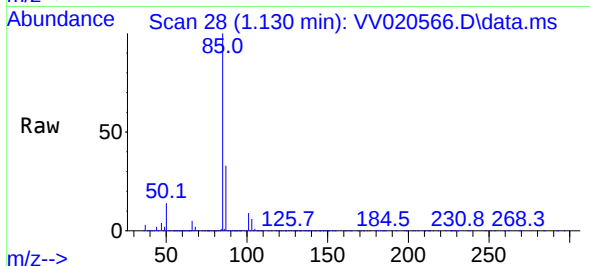




#2
Dichlorodifluoromethane
Concen: 90.00 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

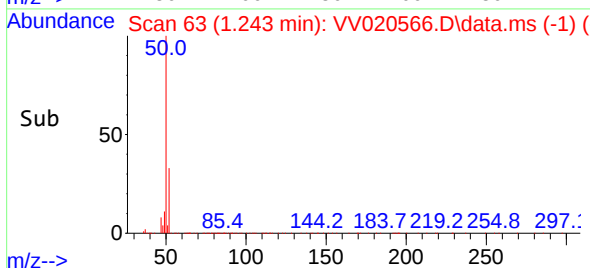
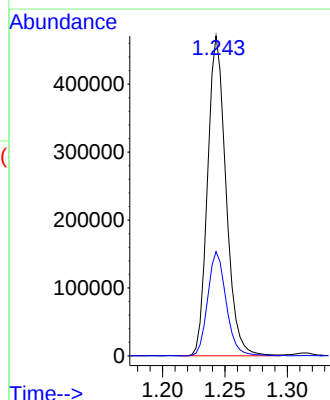
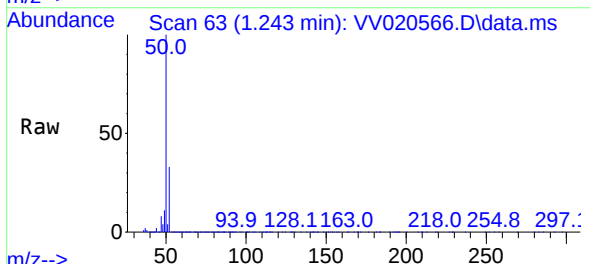
Instrument :
MSVOA_V
ClientSampled :
VSTD10066

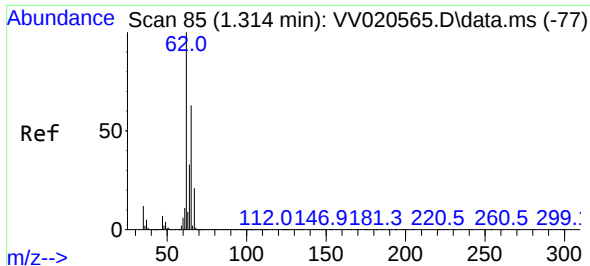
Tgt Ion: 85 Resp: 403609
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 116.27 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 50 Resp: 484282
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.1

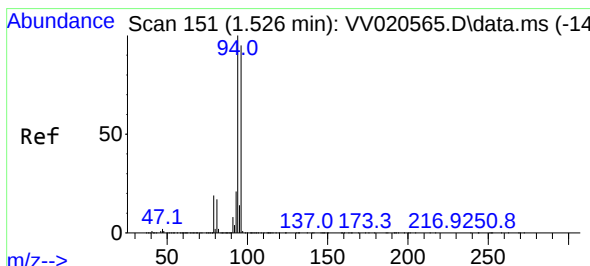
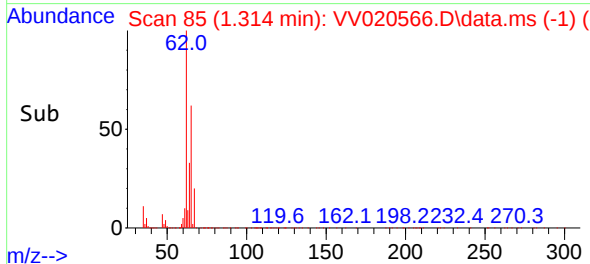
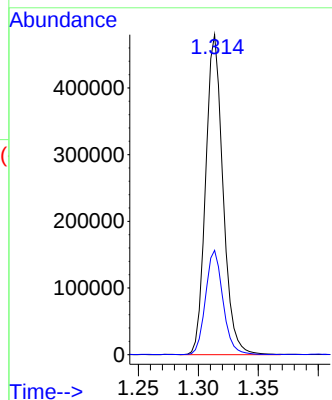
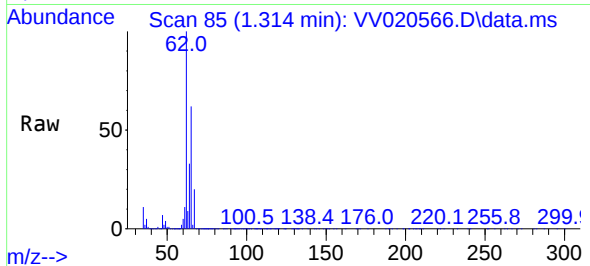




#5
 Vinyl chloride
 Concen: 111.89 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020566.D
 Acq: 12 Mar 2021 15:12

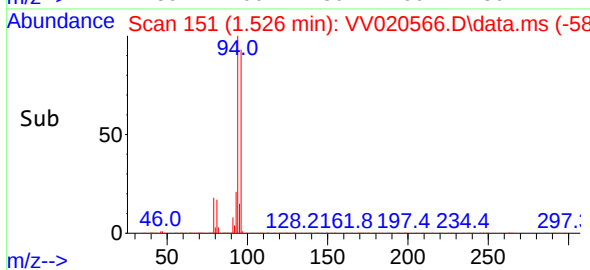
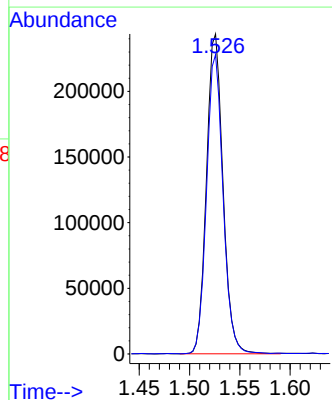
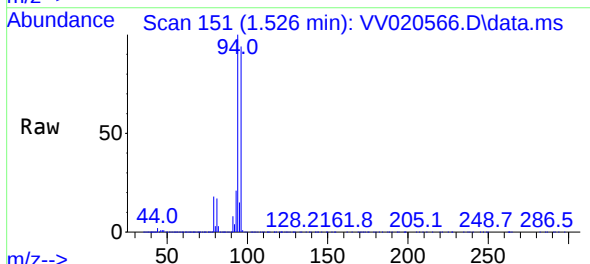
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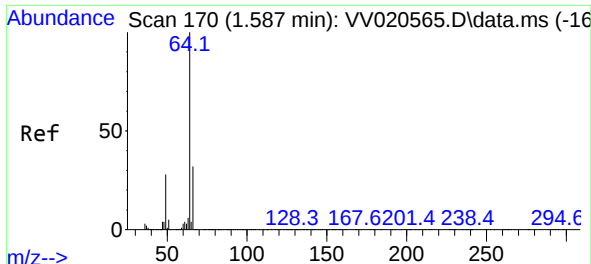
Tgt Ion: 62 Resp: 482698
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 96.73 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV020566.D
 Acq: 12 Mar 2021 15:12

Tgt Ion: 94 Resp: 277904
 Ion Ratio Lower Upper
 94 100
 96 93.5 63.6 118.2

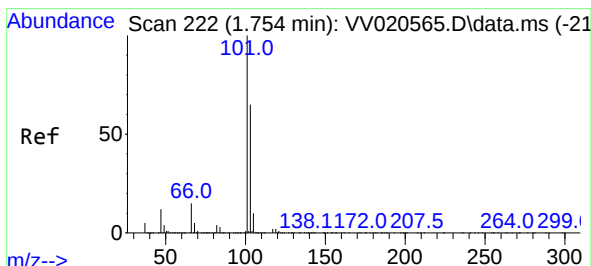
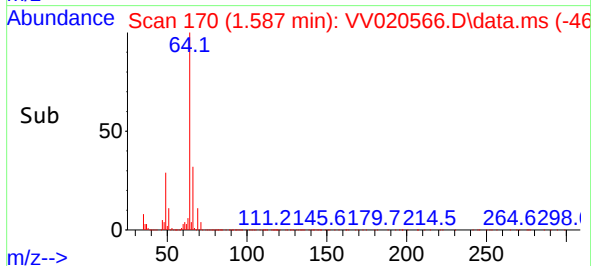
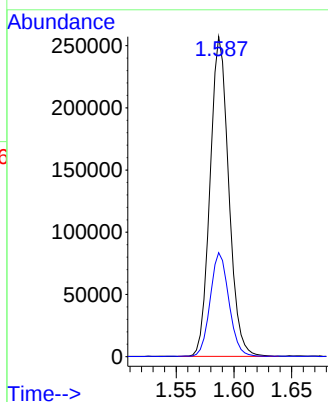
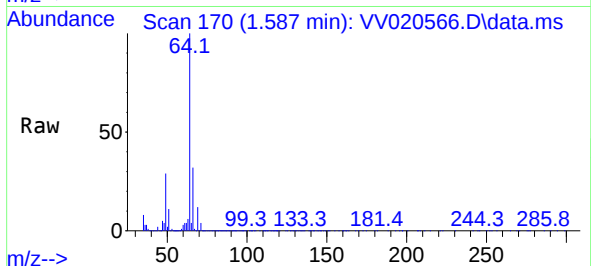




#8
Chloroethane
Concen: 116.46 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

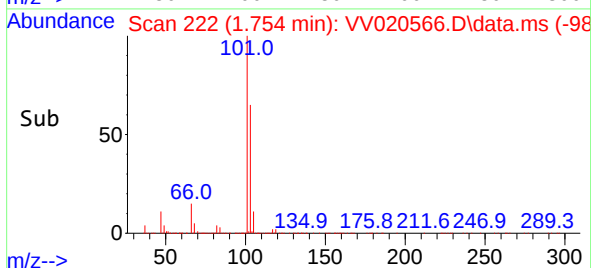
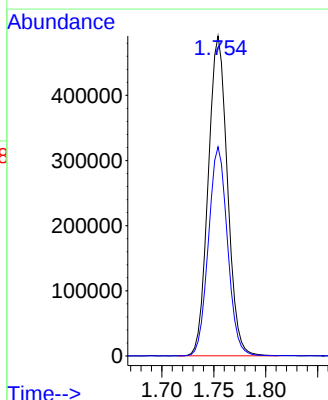
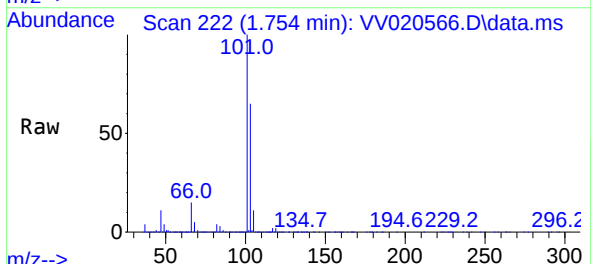
Instrument :
MSVOA_V
ClientSampleId :
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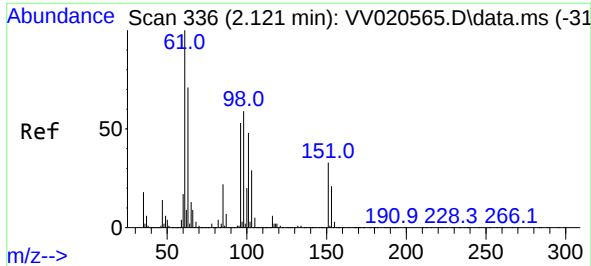
Tgt Ion: 64 Resp: 288239
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 102.80 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 101 Resp: 631531
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

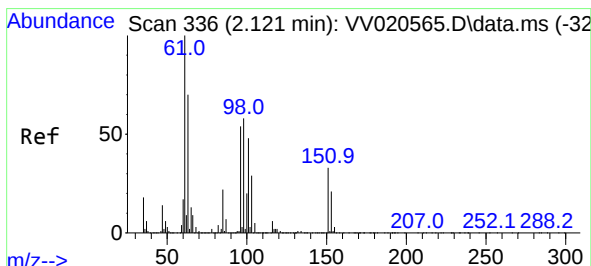
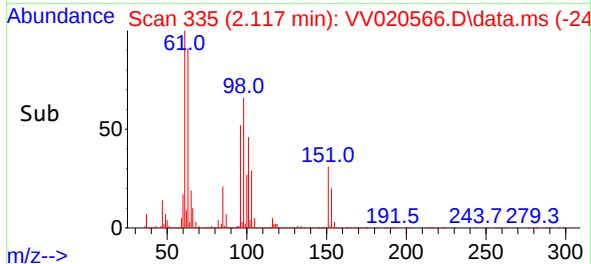
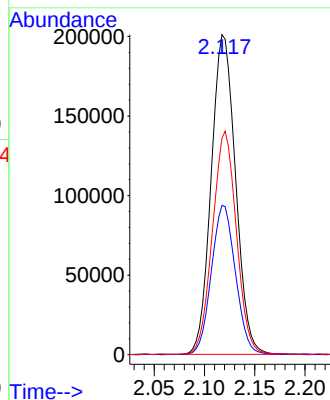
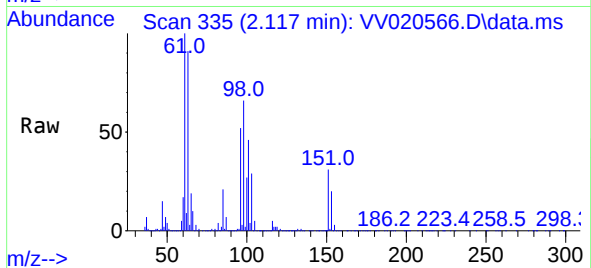




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 102.18 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

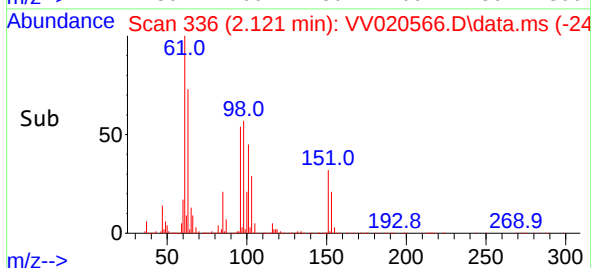
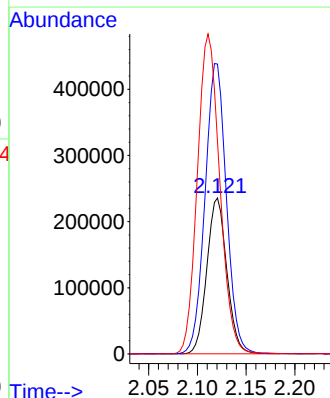
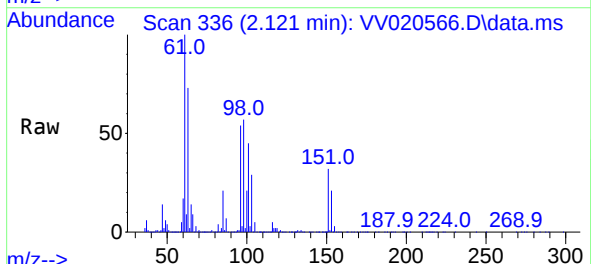
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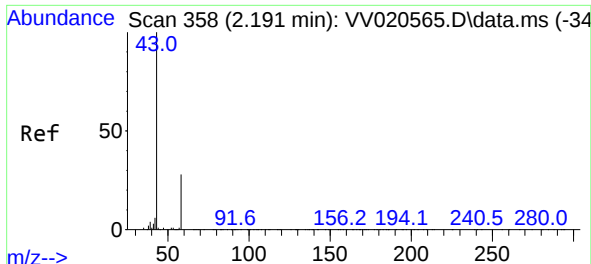
Tgt Ion:	101	Resp:	338803
Ion	Ratio	Lower	Upper
101	100		
85	46.1	35.3	52.9
151	68.8	53.6	80.4



#12
1,1-Dichloroethene
Concen: 102.92 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:	96	Resp:	335942
Ion	Ratio	Lower	Upper
96	100		
61	185.8	134.9	250.5
63	136.4	117.6	218.4

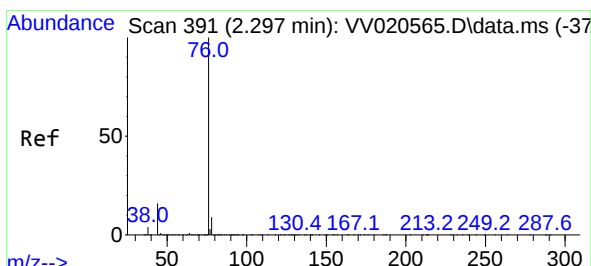
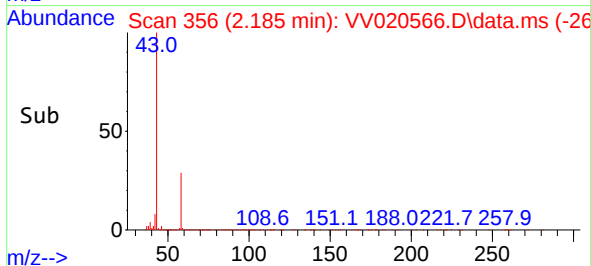
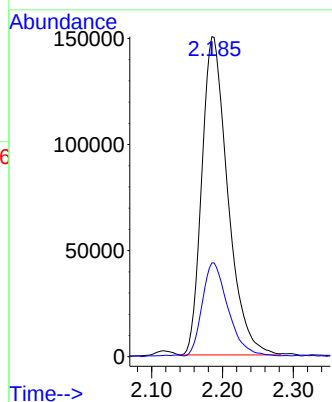
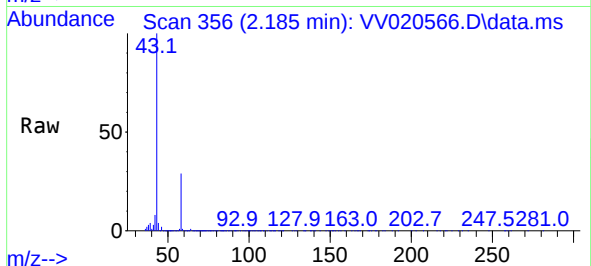




#13
Acetone
Concen: 260.79 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.006 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

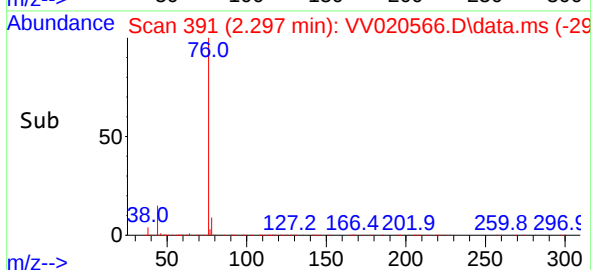
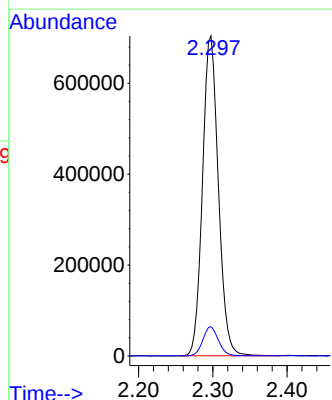
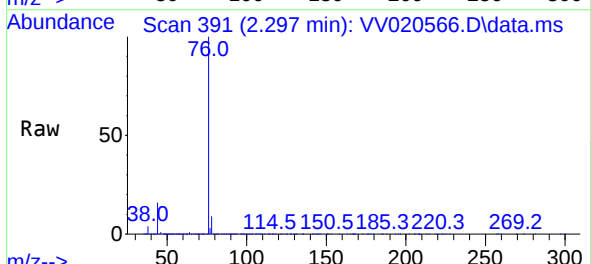
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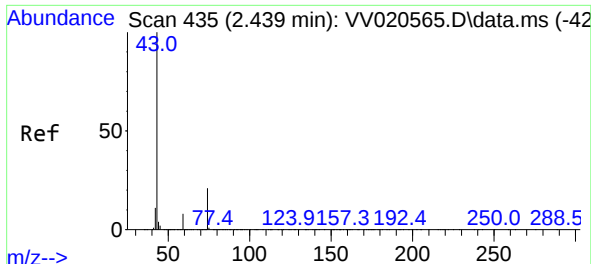
Tgt Ion: 43 Resp: 381835
Ion Ratio Lower Upper
43 100
58 29.2 0.0 60.2



#14
Carbon disulfide
Concen: 112.68 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 76 Resp: 1043933
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

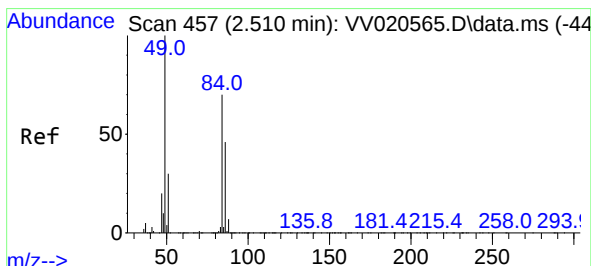
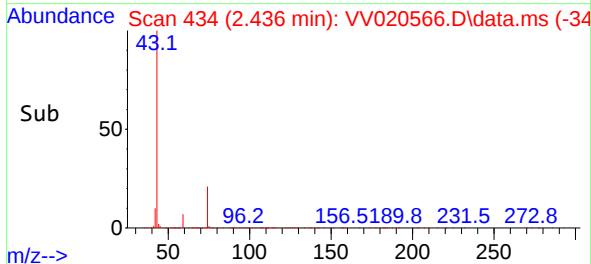
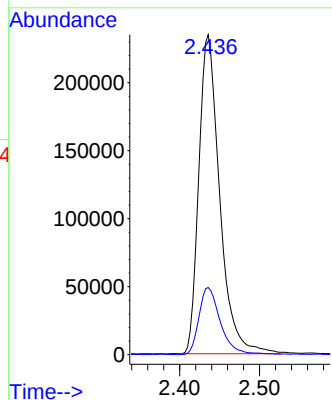
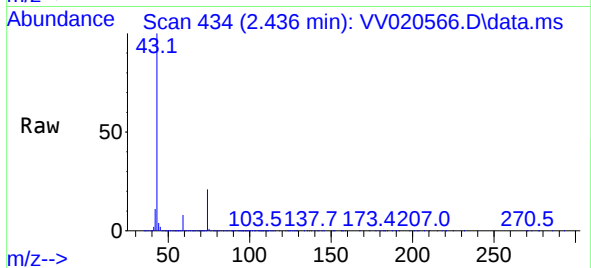




#15
Methyl Acetate
Concen: 133.88 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

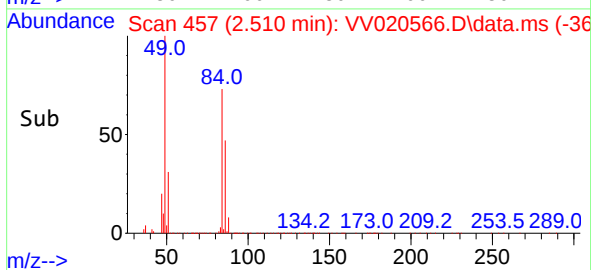
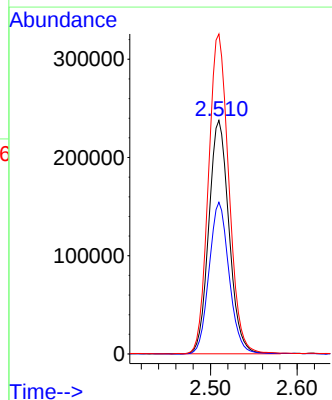
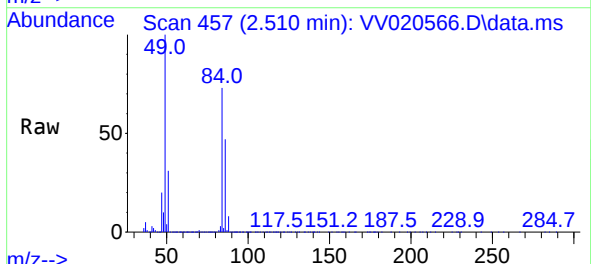
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

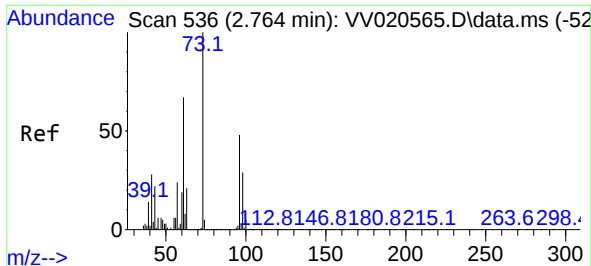
Tgt Ion: 43 Resp: 426447
Ion Ratio Lower Upper
43 100
74 21.6 17.6 26.4



#16
Methylene chloride
Concen: 107.74 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 84 Resp: 385414
Ion Ratio Lower Upper
84 100
86 65.0 44.6 82.8
49 137.0 94.6 175.8

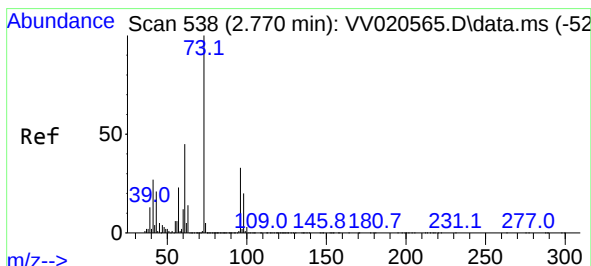
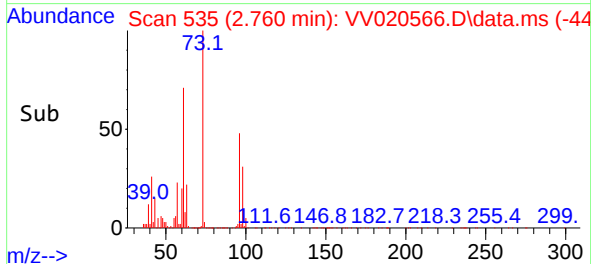
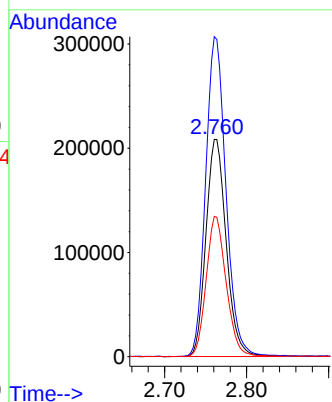
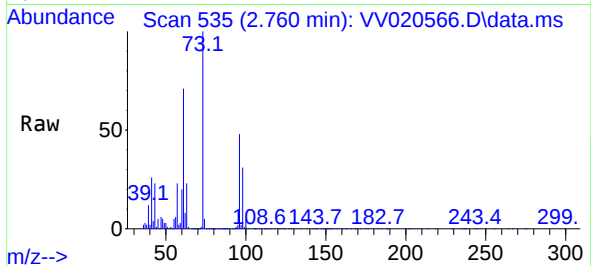




#17
trans-1,2-Dichloroethene
Concen: 105.04 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

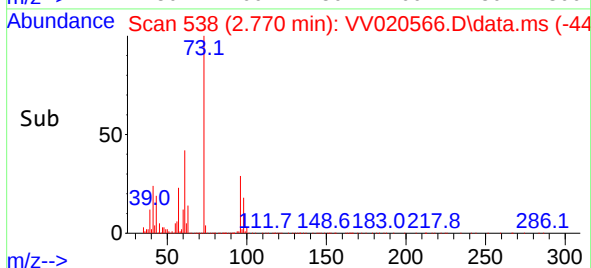
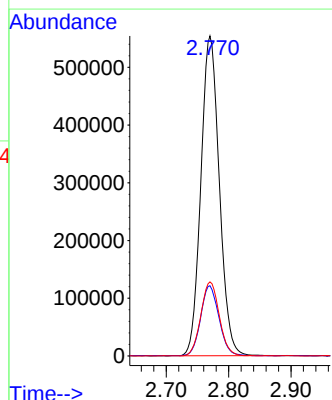
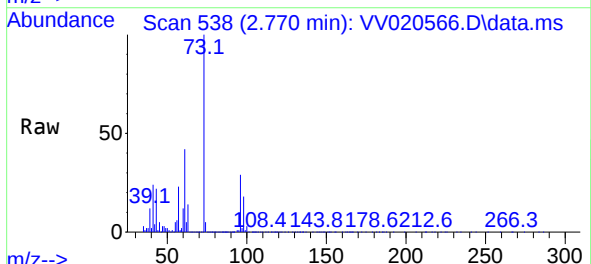
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

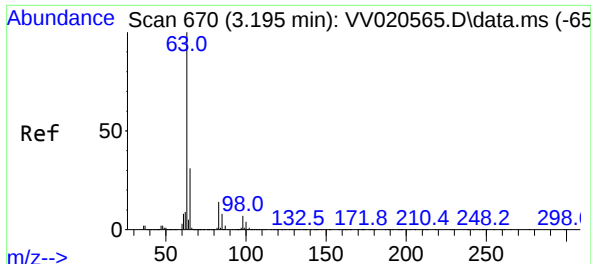
Tgt Ion: 96 Resp: 358530
Ion Ratio Lower Upper
96 100
61 147.3 103.1 191.5
98 64.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 119.78 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 73 Resp: 1138348
Ion Ratio Lower Upper
73 100
43 21.7 17.3 25.9
57 23.0 17.9 26.9

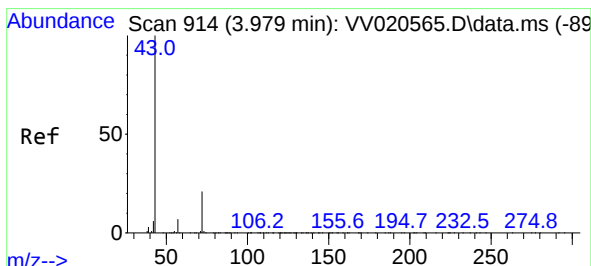
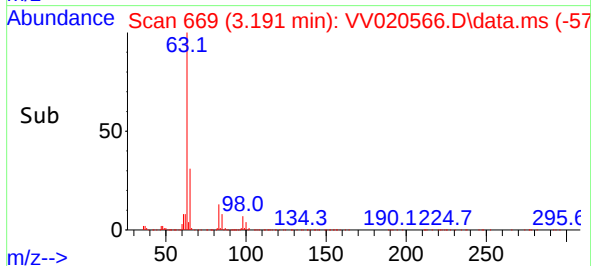
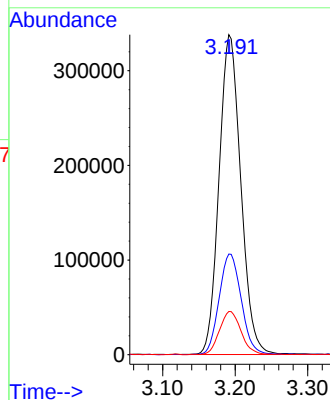
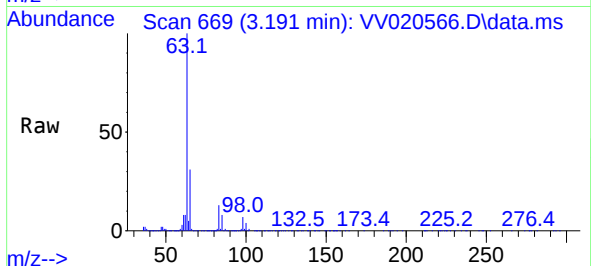




#19
1,1-Dichloroethane
Concen: 119.51 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

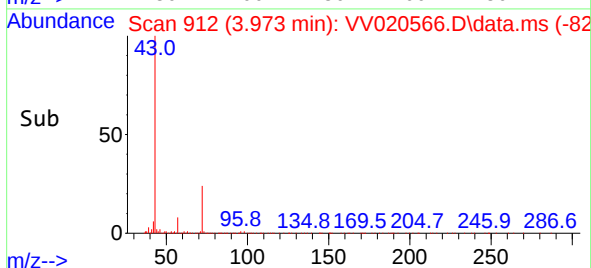
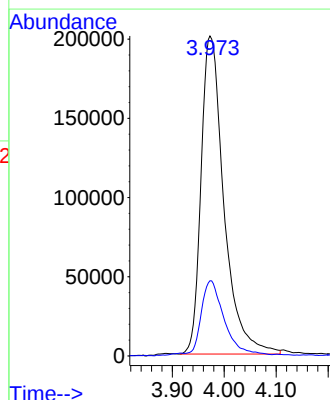
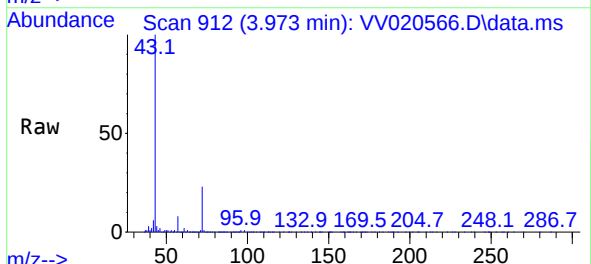
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

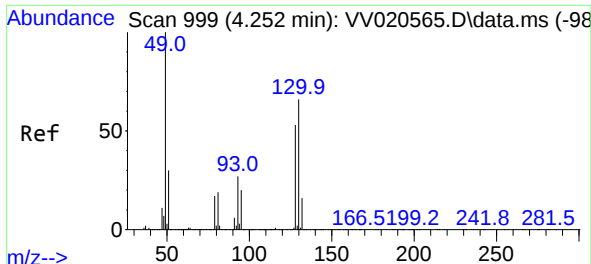
Tgt Ion: 63 Resp: 703915
Ion Ratio Lower Upper
63 100
65 31.4 21.9 40.7
83 13.5 9.5 17.7



#22
2-Butanone
Concen: 286.72 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.006 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 43 Resp: 614639
Ion Ratio Lower Upper
43 100
72 23.1 12.2 36.6

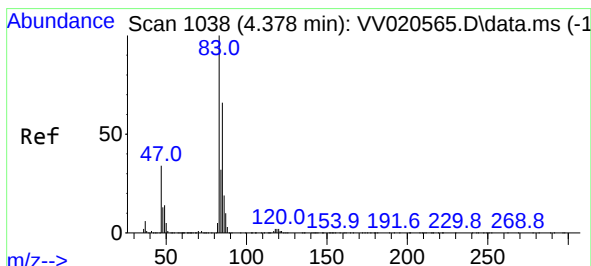
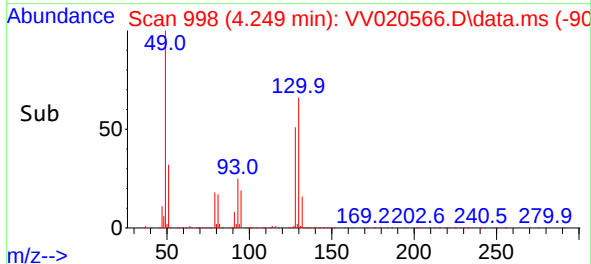
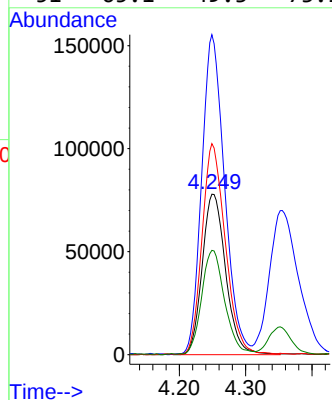
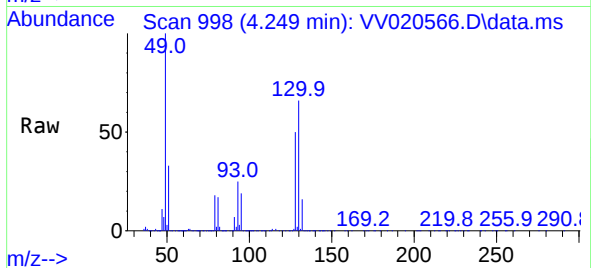




#23
Bromochloromethane
Concen: 95.95 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

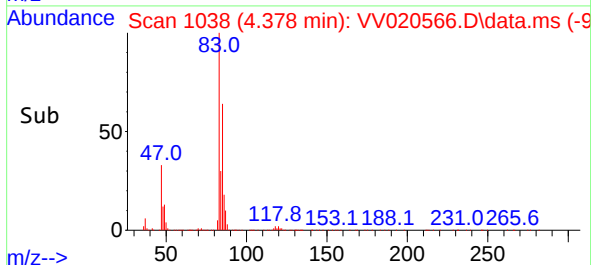
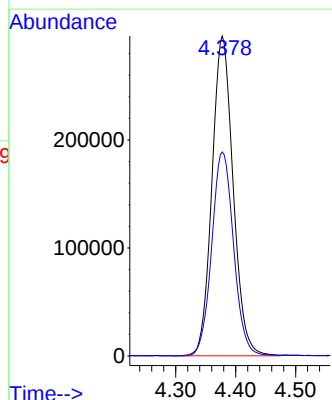
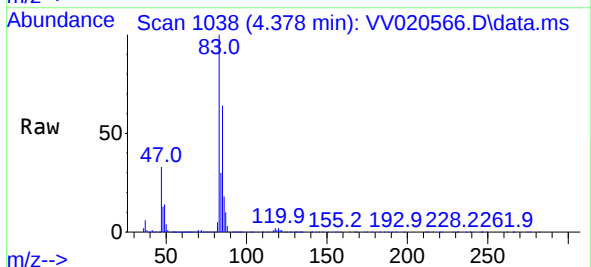
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

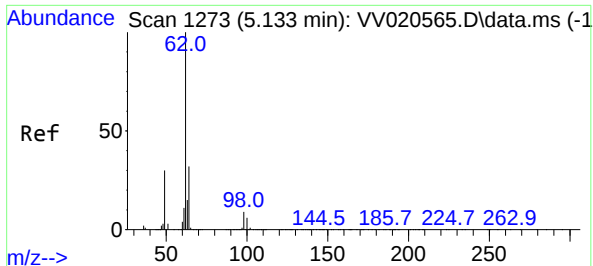
Tgt Ion:128 Resp: 191545
Ion Ratio Lower Upper
128 100
49 199.5 133.1 247.1
130 131.5 89.0 165.4
51 65.1 49.3 73.9



#25
Chloroform
Concen: 112.16 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 83 Resp: 724617
Ion Ratio Lower Upper
83 100
85 63.8 44.2 82.2

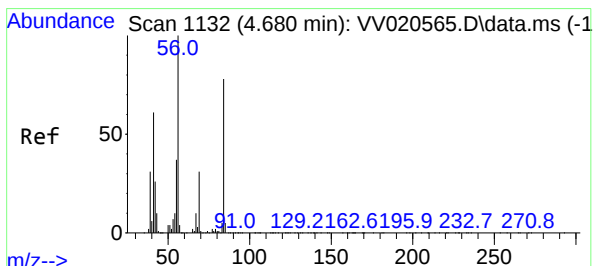
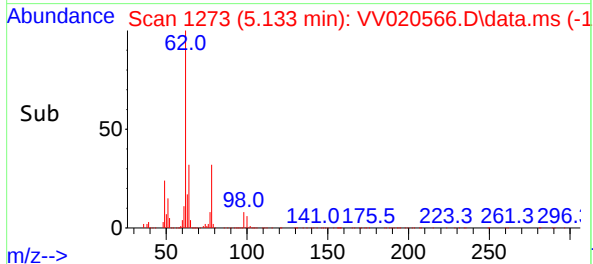
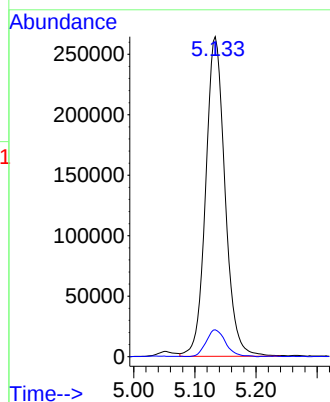
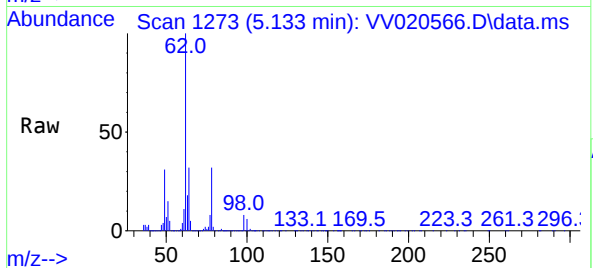




#27
1,2-Dichloroethane
Concen: 120.59 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

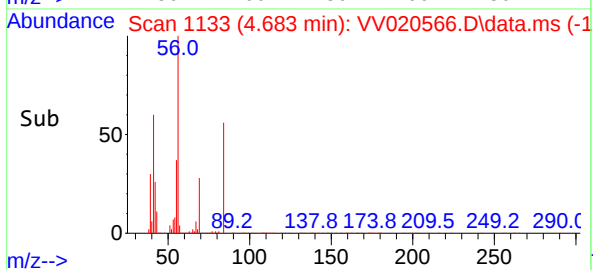
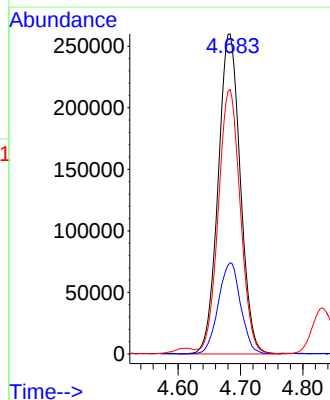
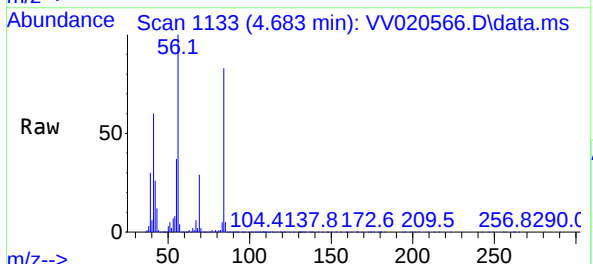
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

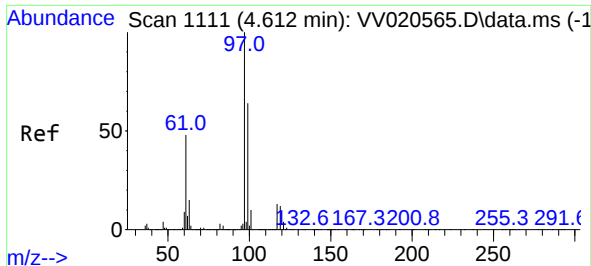
Tgt Ion: 62 Resp: 580223
Ion Ratio Lower Upper
62 100
98 8.4 6.9 10.3



#29
Cyclohexane
Concen: 134.08 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 56 Resp: 641240
Ion Ratio Lower Upper
56 100
69 28.8 24.2 36.2
84 81.6 66.3 99.5



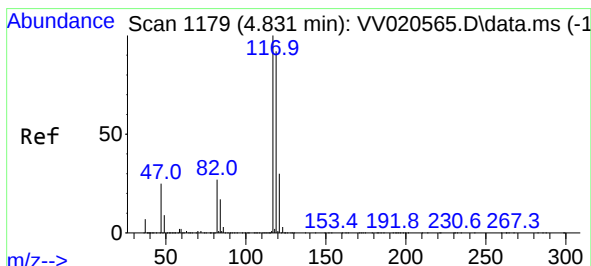
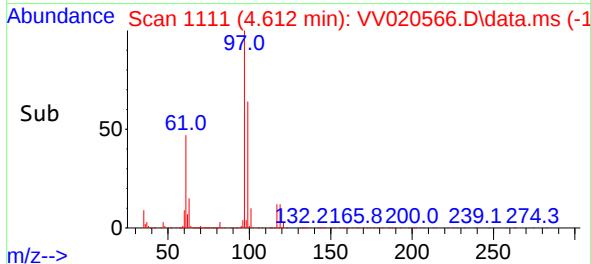
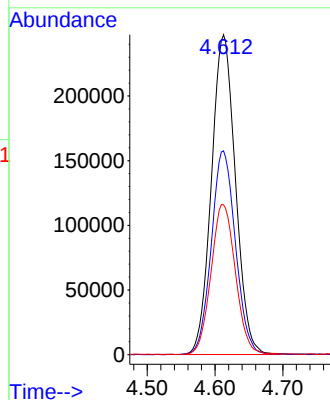
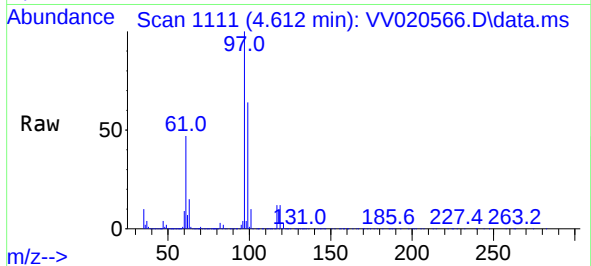


#30
1,1,1-Trichloroethane
Concen: 110.13 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

Tgt Ion: 97 Resp: 609056

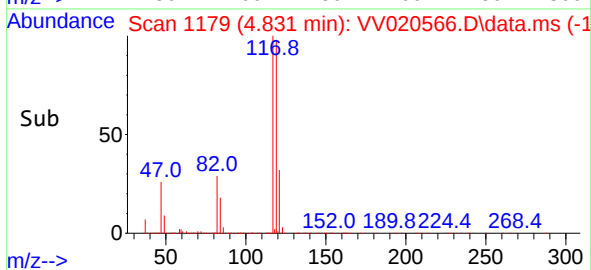
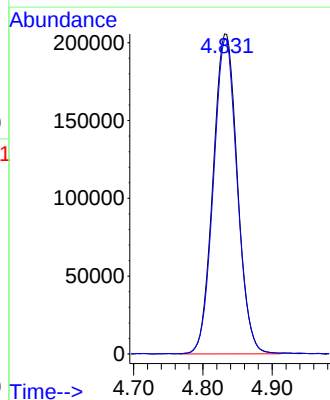
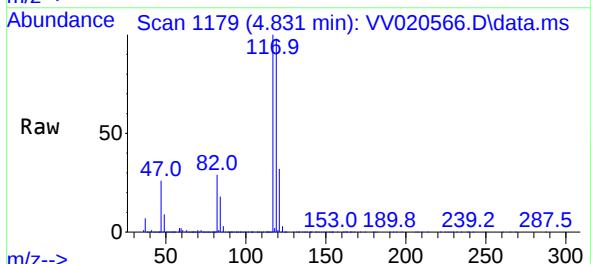
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	47.7	38.5	57.7

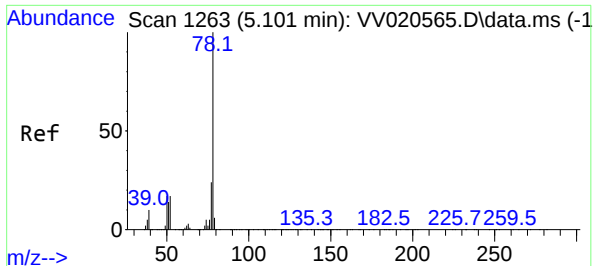


#31
Carbon tetrachloride
Concen: 103.51 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 117 Resp: 501115

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.3	114.5

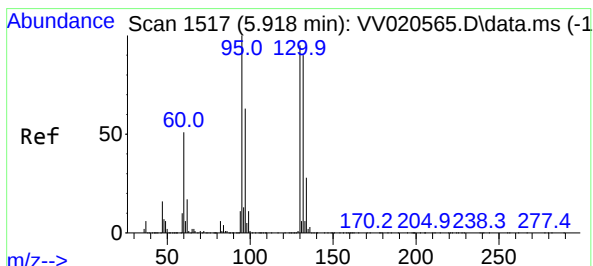
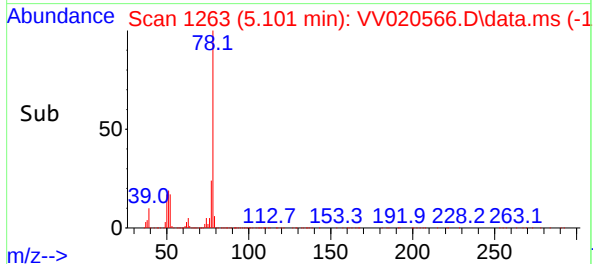
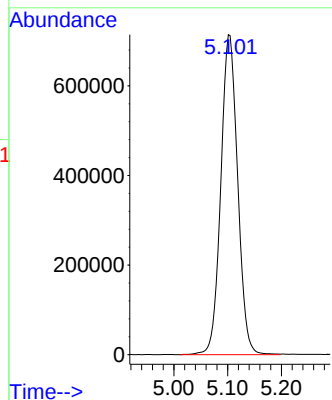
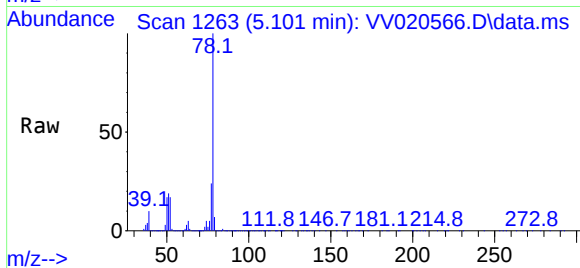




#33
Benzene
Concen: 115.85 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

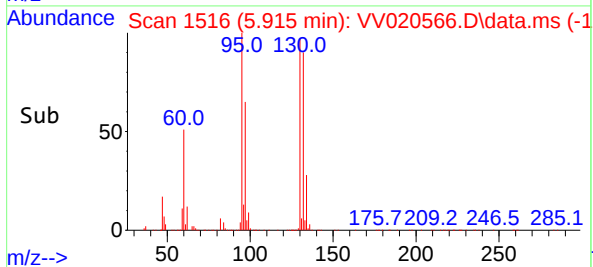
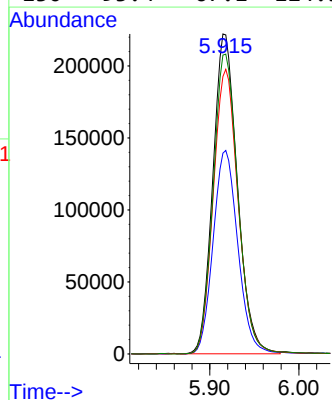
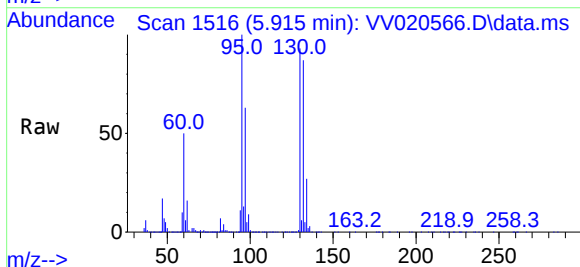
Tgt Ion: 78 Resp: 1557468

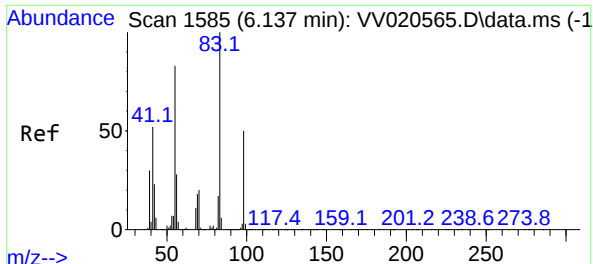


#34
Trichloroethene
Concen: 106.74 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 95 Resp: 425122

Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.5	82.7
132	86.7	63.4	117.8
130	93.4	67.1	124.5

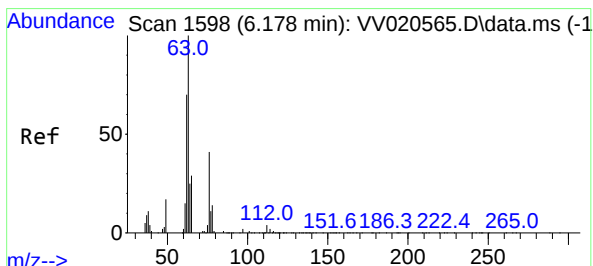
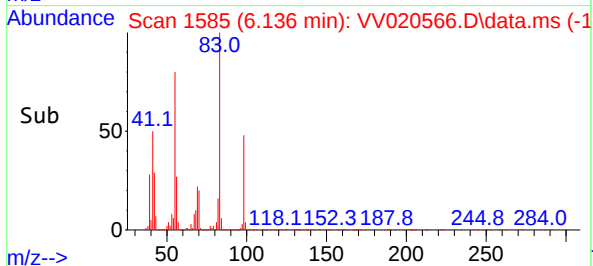
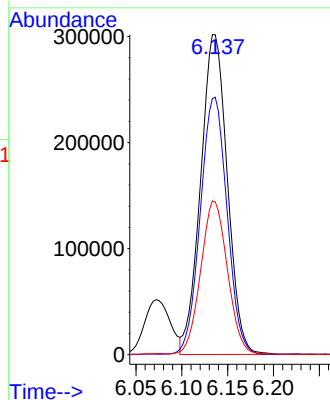
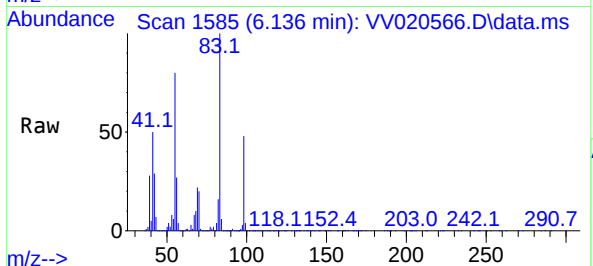




#35
Methylcyclohexane
Concen: 117.63 ug/L
RT: 6.136 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

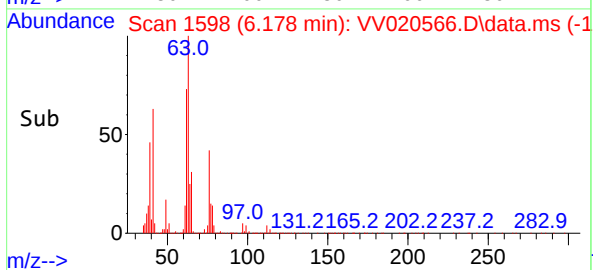
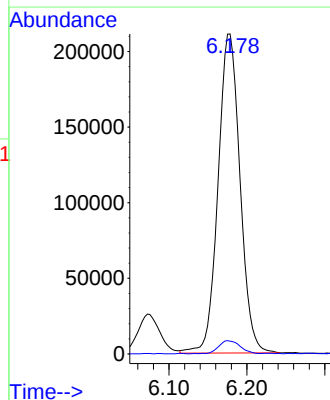
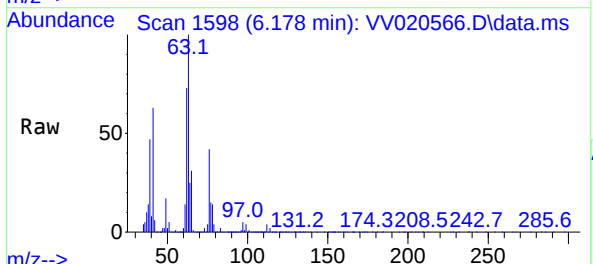
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

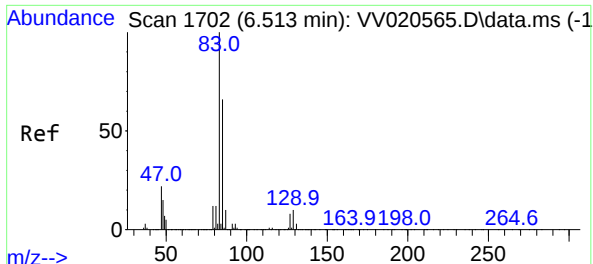
Tgt Ion:	83	Resp:	612356
Ion	Ratio	Lower	Upper
83	100		
55	80.4	65.1	97.7
98	47.6	38.2	57.2



#37
1,2-Dichloropropane
Concen: 122.36 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:	63	Resp:	413860
Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.3	4.9

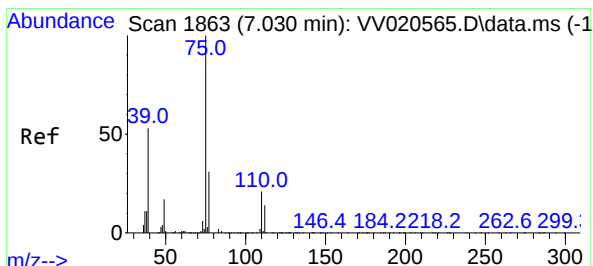
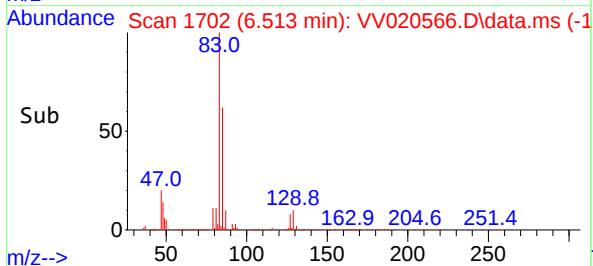
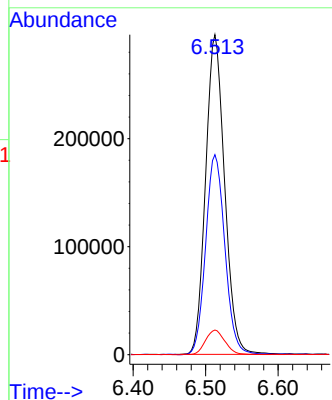
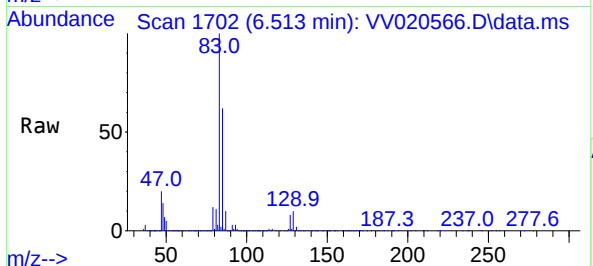




#38
Bromodichloromethane
Concen: 119.02 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

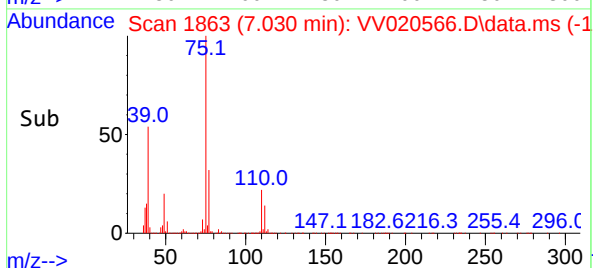
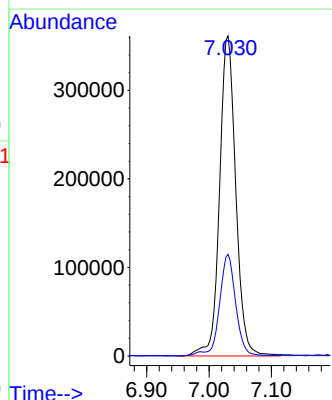
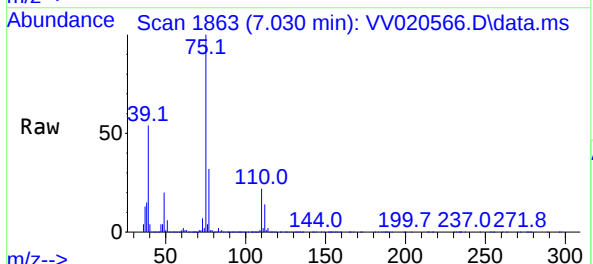
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

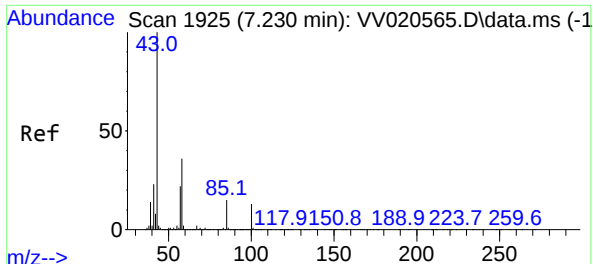
Tgt Ion: 83 Resp: 540507
Ion Ratio Lower Upper
83 100
85 62.5 44.5 82.7
127 7.7 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 127.82 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 75 Resp: 652207
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.6



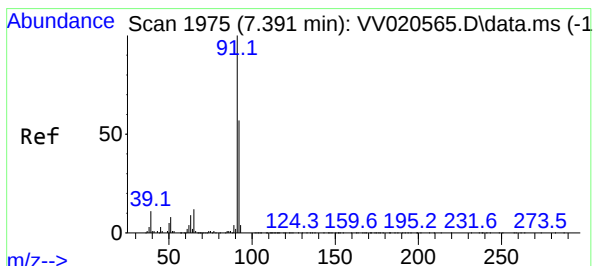
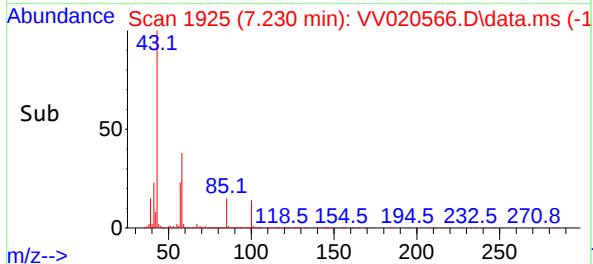
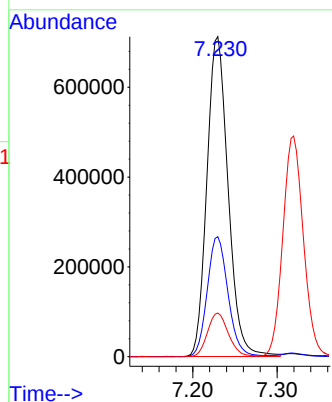
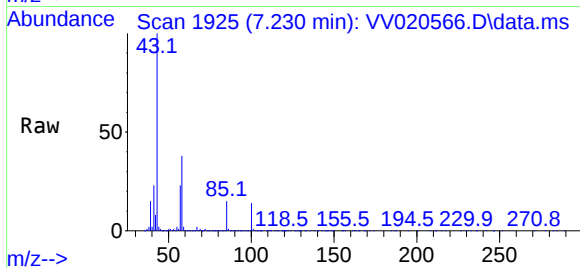


#40
4-Methyl-2-pentanone
Concen: 296.81 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

Tgt Ion: 43 Resp: 1248178

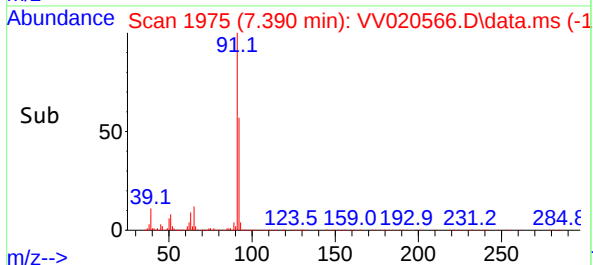
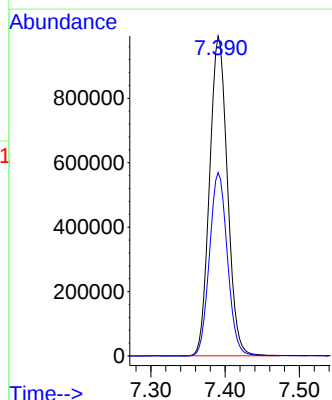
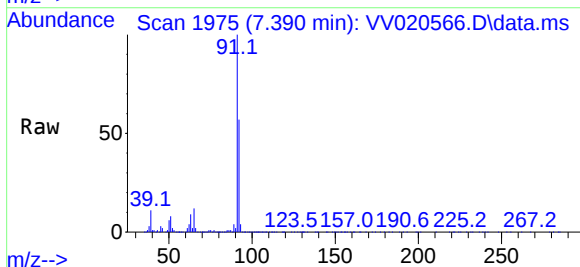
Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.7	46.1
100	13.5	11.6	17.4

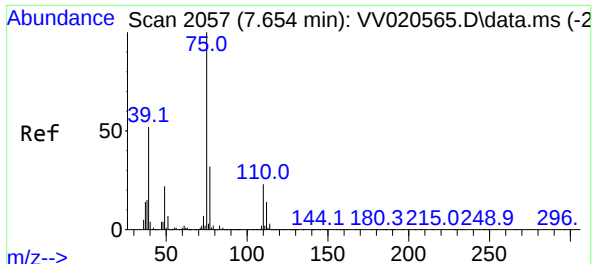


#42
Toluene
Concen: 113.28 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 91 Resp: 1655004

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.7	75.7

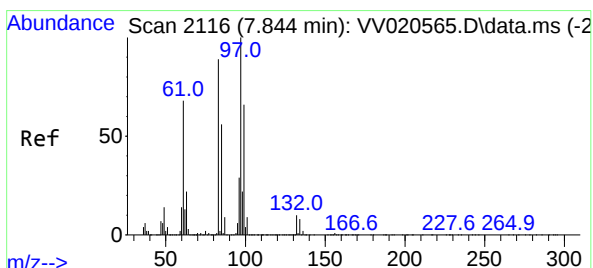
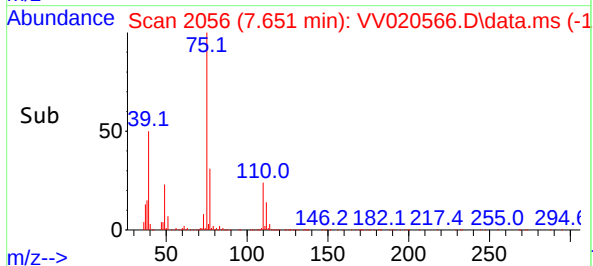
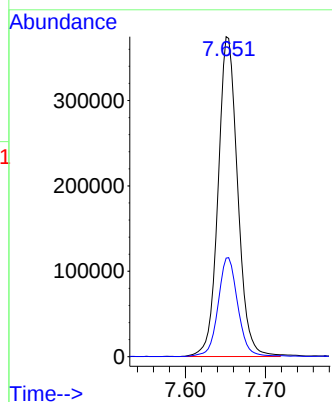
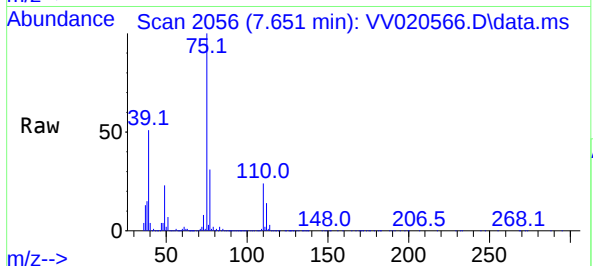




#44
trans-1,3-Dichloropropene
Concen: 127.23 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

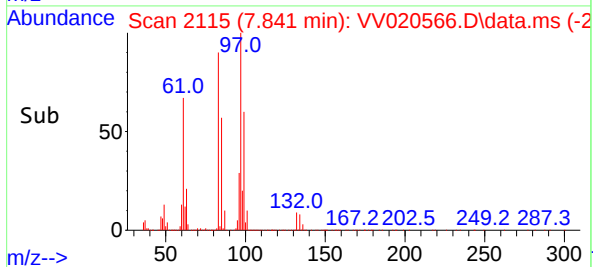
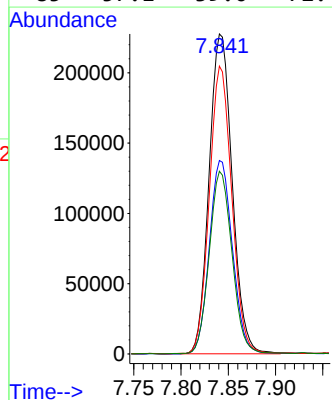
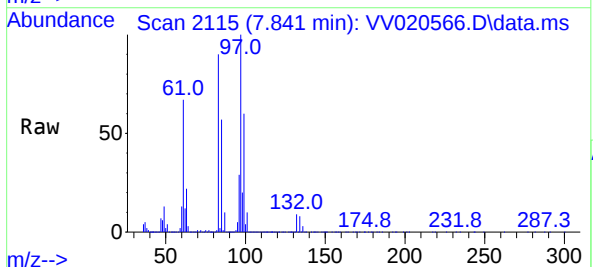
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

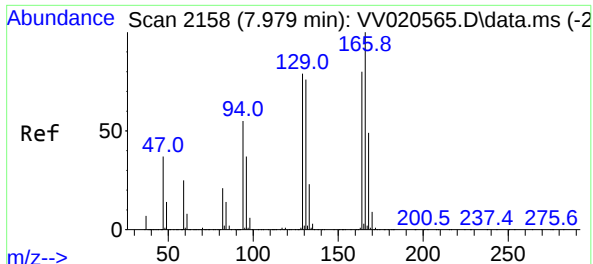
Tgt Ion: 75 Resp: 635182
Ion Ratio Lower Upper
75 100
77 30.8 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 109.18 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 97 Resp: 386652
Ion Ratio Lower Upper
97 100
99 60.4 43.8 81.3
83 90.0 62.2 115.4
85 57.1 39.0 72.4

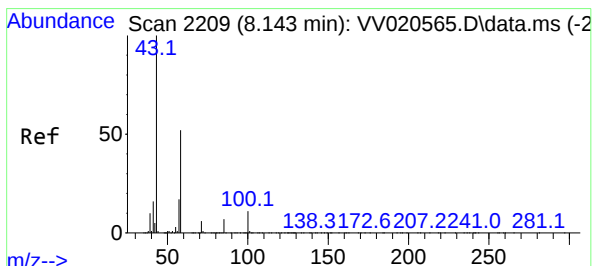
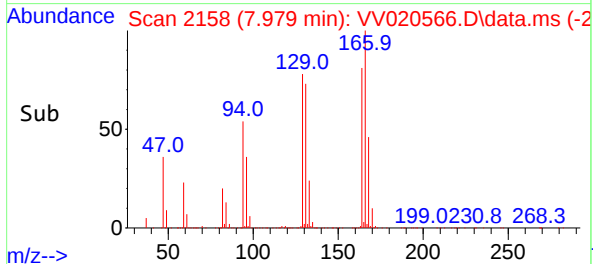
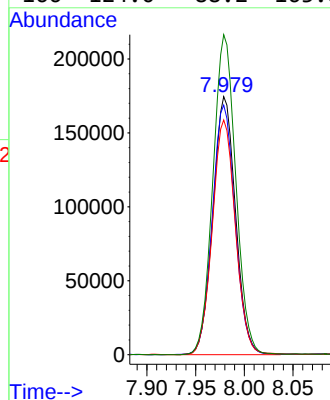
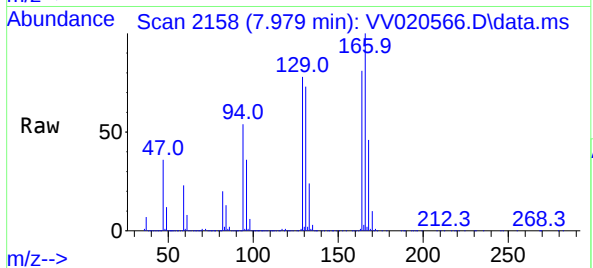




#46
Tetrachloroethene
Concen: 89.25 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

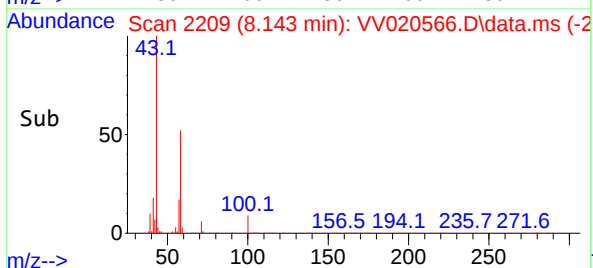
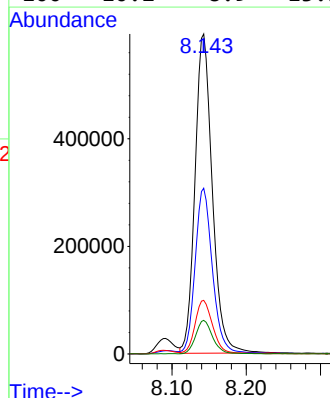
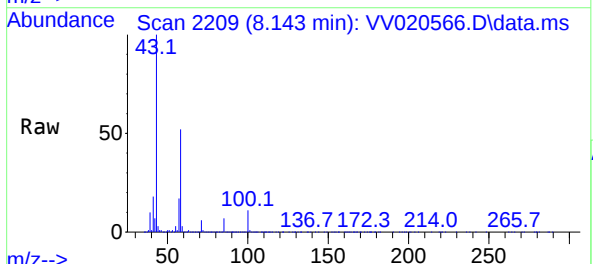
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

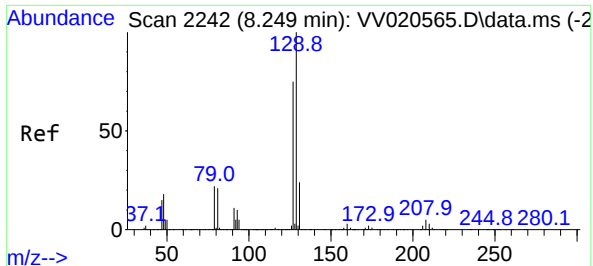
Tgt Ion:164 Resp: 282391
Ion Ratio Lower Upper
164 100
129 96.7 70.6 131.0
131 90.9 66.8 124.0
166 124.0 88.2 163.8



#48
2-Hexanone
Concen: 295.31 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 43 Resp: 966006
Ion Ratio Lower Upper
43 100
58 51.4 41.8 62.6
57 17.1 15.0 22.4
100 10.2 8.9 13.3





#49

Dibromochloromethane

Concen: 104.50 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VV020566.D

Acq: 12 Mar 2021 15:12

Tgt Ion:129 Resp: 398128

Ion Ratio Lower Upper

129 100

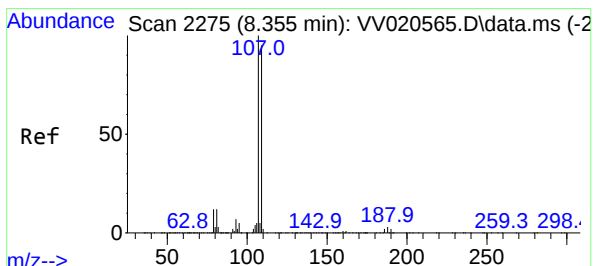
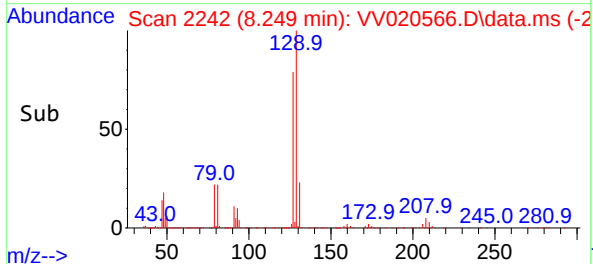
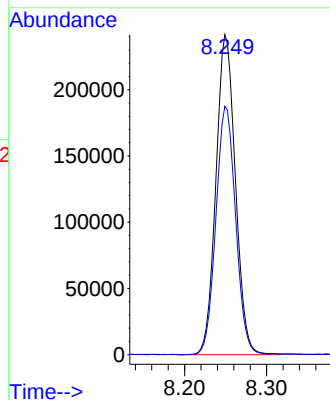
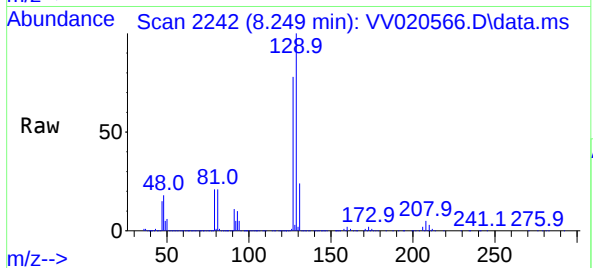
127 77.6 55.2 102.6

Instrument :

MSVOA_V

ClientSampleId :

VSTD10066



#50

1,2-Dibromoethane

Concen: 107.85 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. -0.000 min

Lab File: VV020566.D

Acq: 12 Mar 2021 15:12

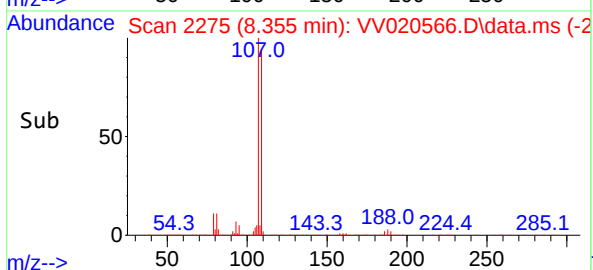
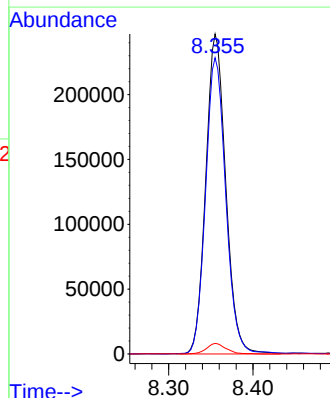
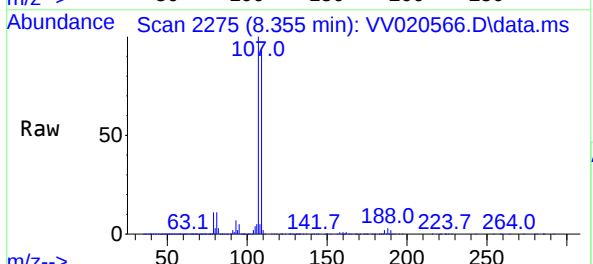
Tgt Ion:107 Resp: 406985

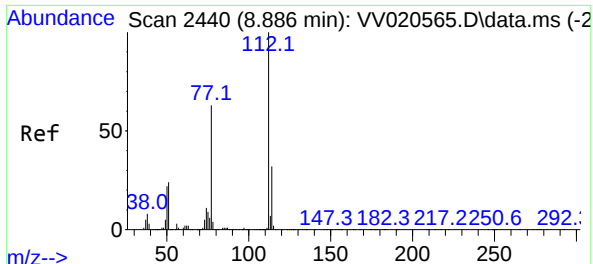
Ion Ratio Lower Upper

107 100

109 92.6 66.2 123.0

188 3.3 2.6 3.8

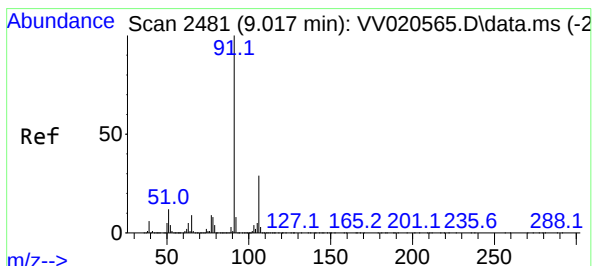
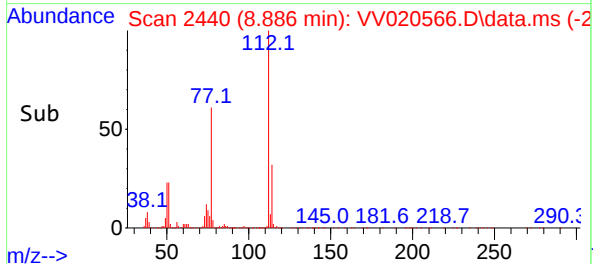
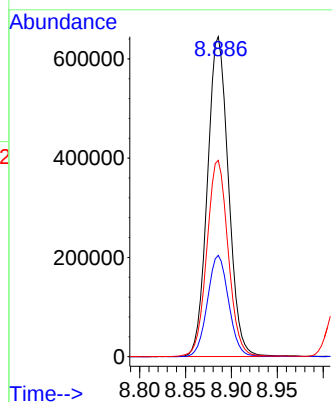
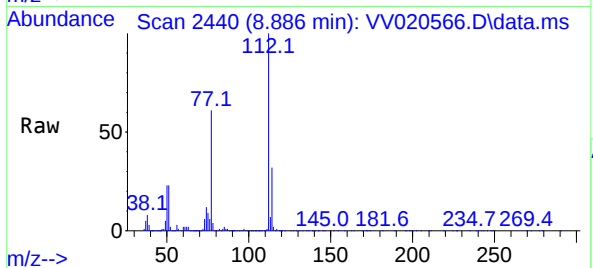




#51
Chlorobenzene
Concen: 101.86 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

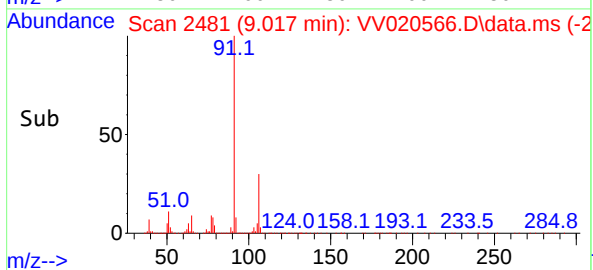
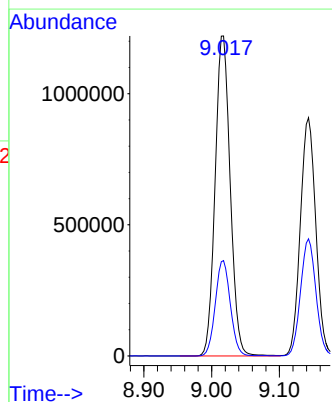
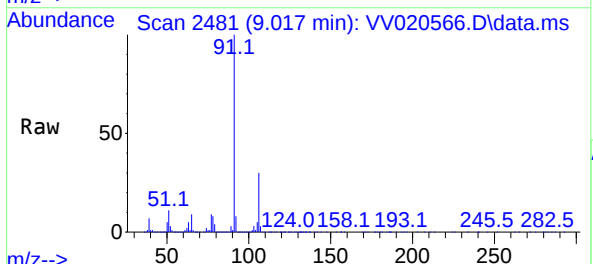
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

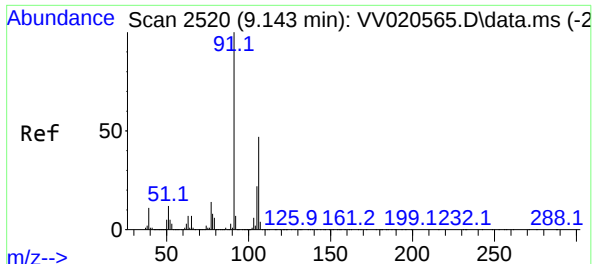
Tgt Ion:112 Resp: 1029370
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 61.4 49.0 73.6



#52
Ethylbenzene
Concen: 116.42 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion: 91 Resp: 1886573
Ion Ratio Lower Upper
91 100
106 29.8 21.0 39.0

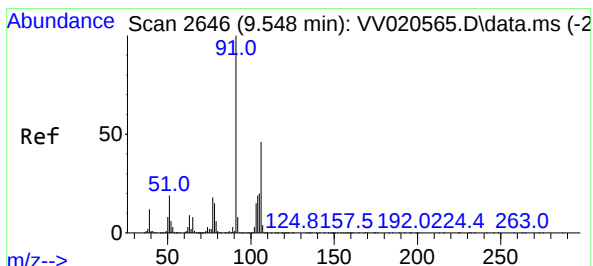
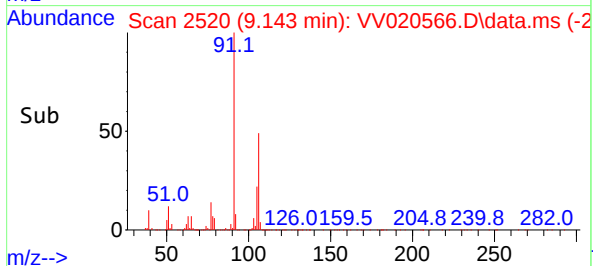
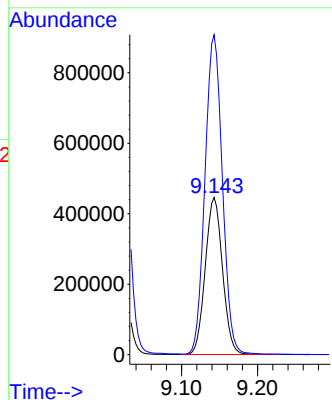
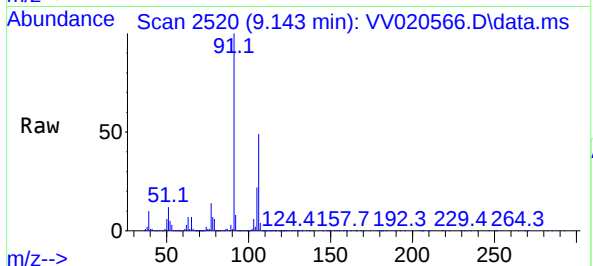




#53
m,p-Xylene
Concen: 113.55 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

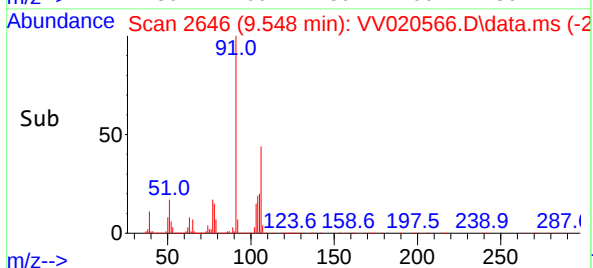
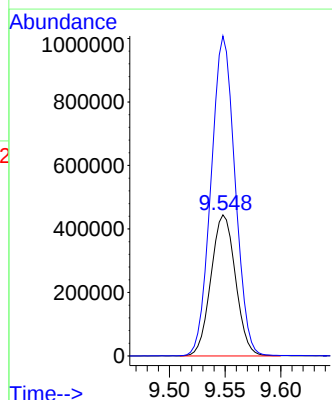
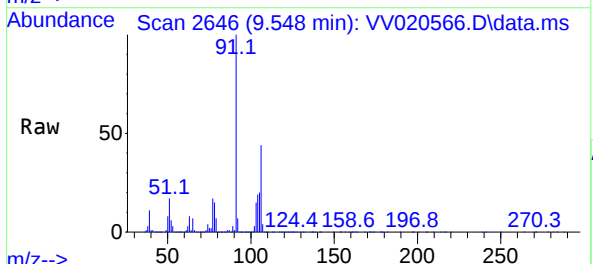
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

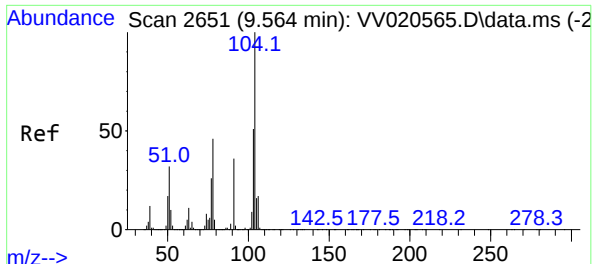
Tgt Ion:106 Resp: 703575
Ion Ratio Lower Upper
106 100
91 203.5 148.1 275.0



#54
o-xylene
Concen: 113.98 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:106 Resp: 680017
Ion Ratio Lower Upper
106 100
91 226.7 156.4 290.6

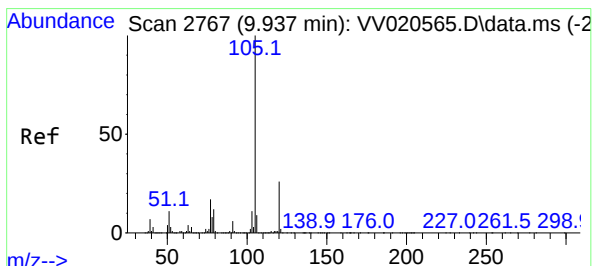
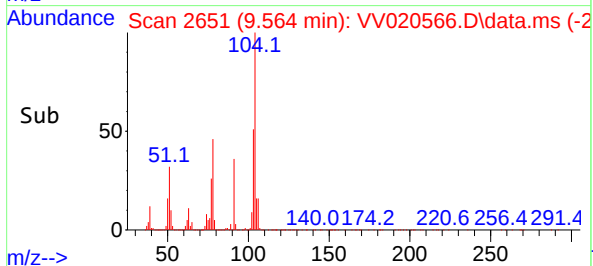
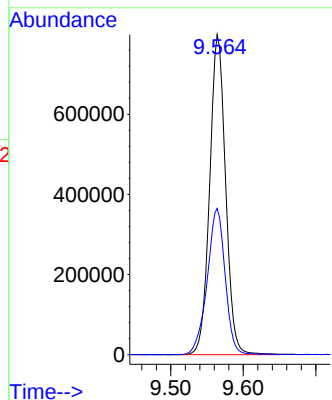
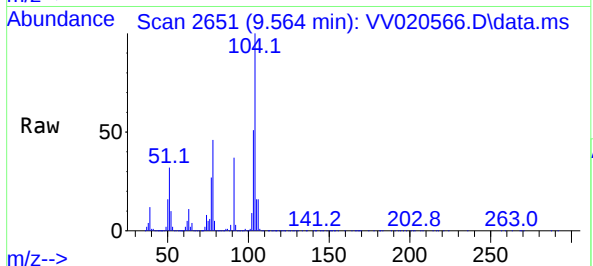




#55
Styrene
Concen: 118.14 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

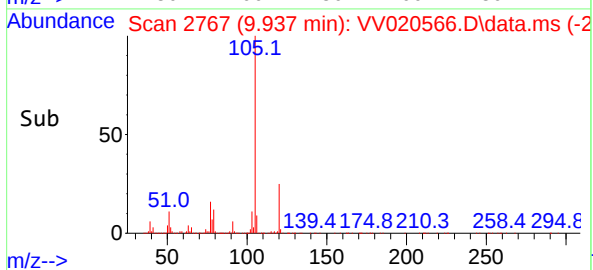
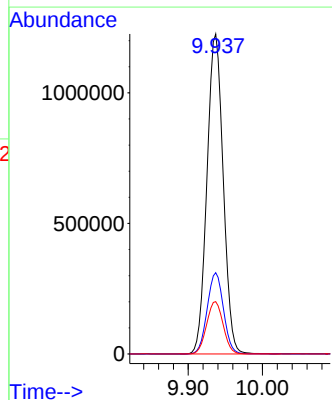
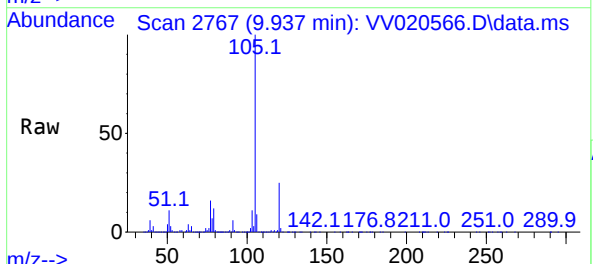
Instrument :
MSVOA_V
ClientSampled :
VSTD10066

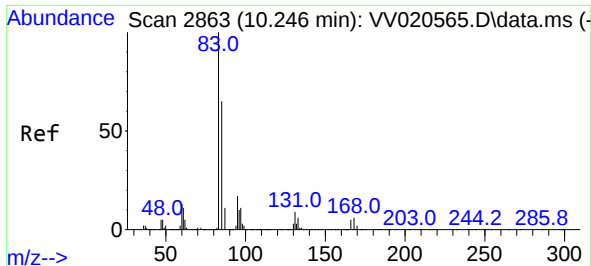
Tgt Ion:104 Resp: 1220035
Ion Ratio Lower Upper
104 100
78 45.7 33.7 62.5



#56
Isopropylbenzene
Concen: 116.61 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:105 Resp: 1856714
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.6 13.6 20.4

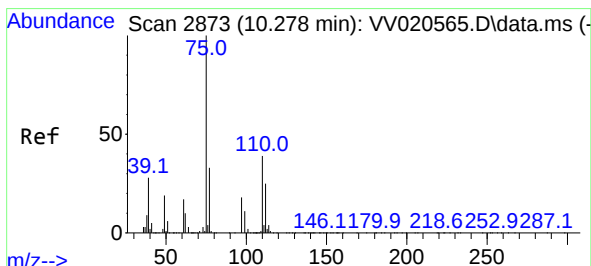
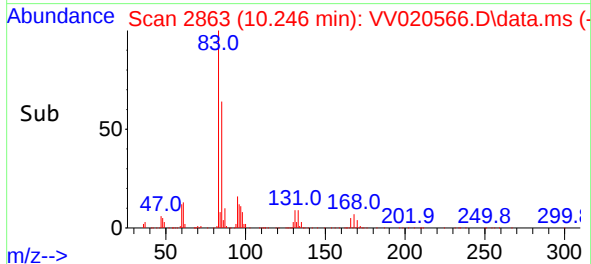
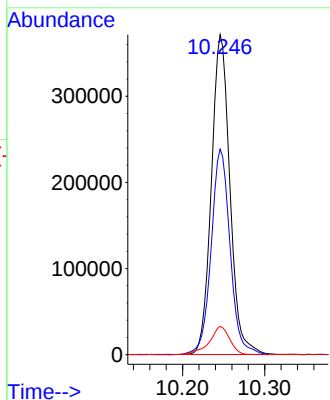
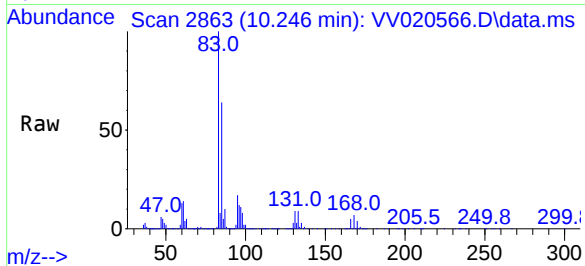




#58
1,1,2,2-Tetrachloroethane
Concen: 119.74 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

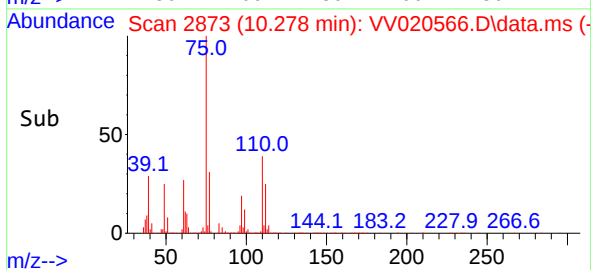
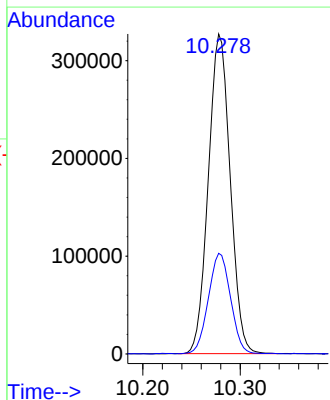
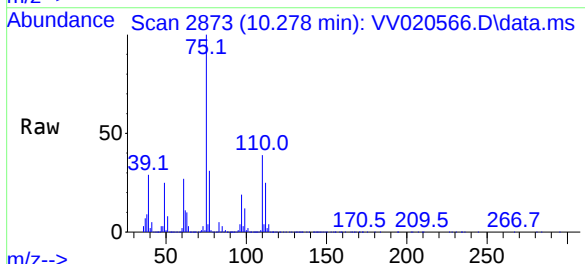
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

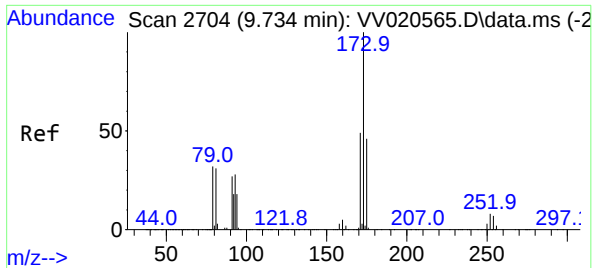
Tgt Ion:	83	Resp:	584375
Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.3	82.3
131	8.8	7.3	10.9



#59
1,2,3-Trichloropropane
Concen: 113.74 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:	75	Resp:	509976
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0

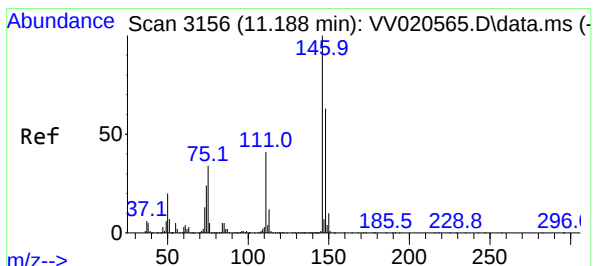
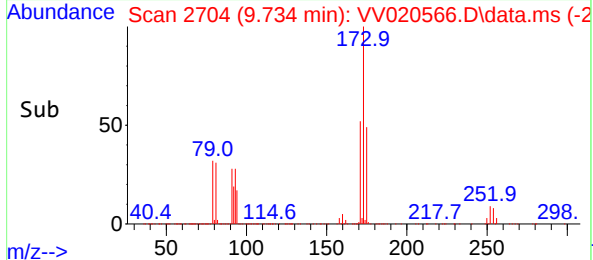
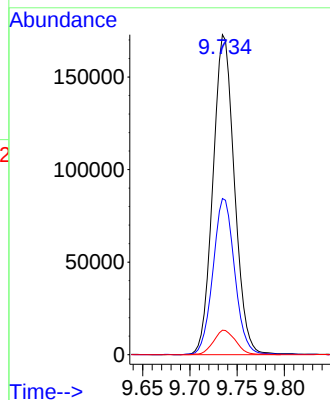
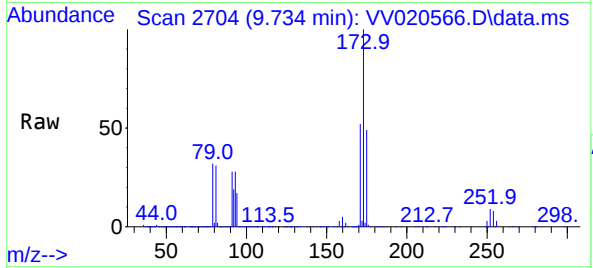




#61
Bromoform
Concen: 107.65 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

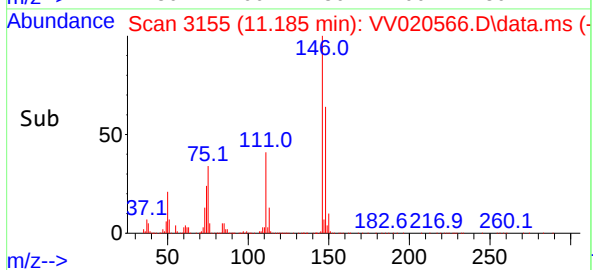
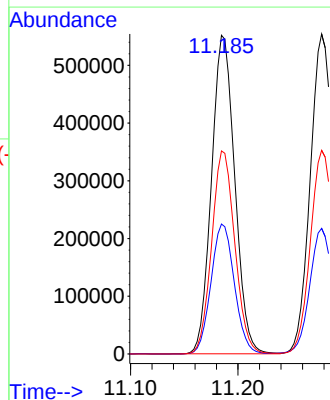
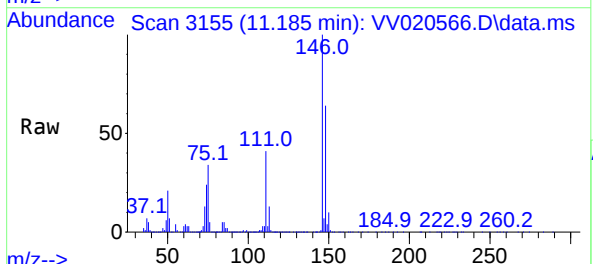
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

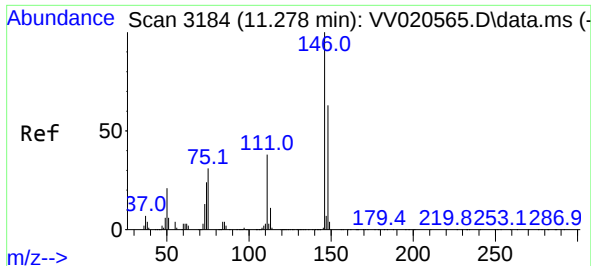
Tgt Ion:173 Resp: 273558
Ion Ratio Lower Upper
173 100
175 49.3 38.6 57.8
254 7.9 6.5 9.7



#62
1,3-Dichlorobenzene
Concen: 107.49 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:146 Resp: 829949
Ion Ratio Lower Upper
146 100
111 40.8 30.2 56.2
148 63.7 45.0 83.6

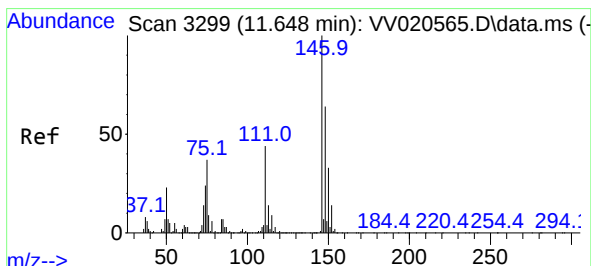
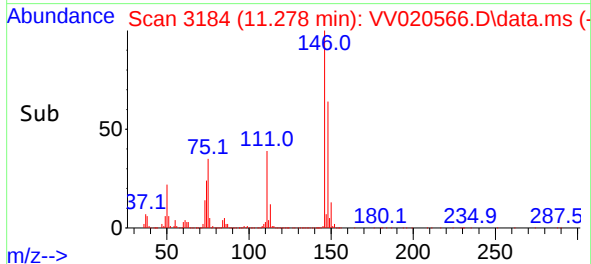
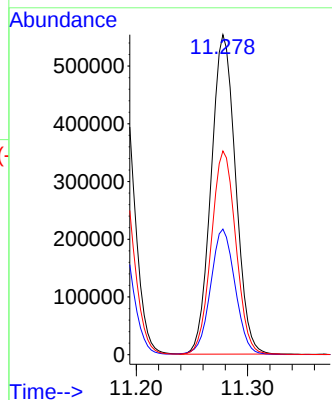
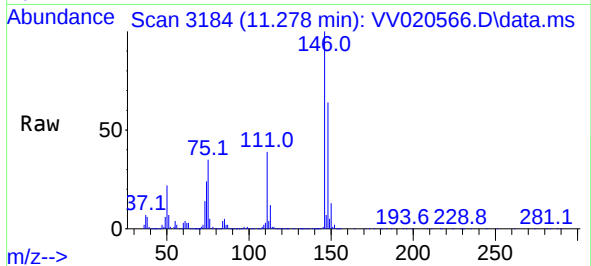




#63
1,4-Dichlorobenzene
Concen: 105.23 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

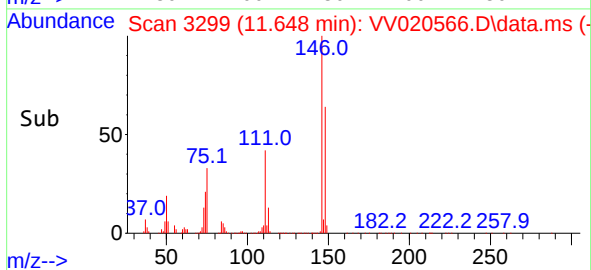
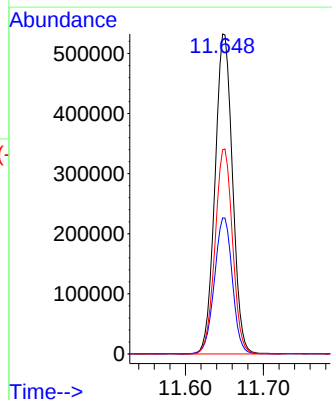
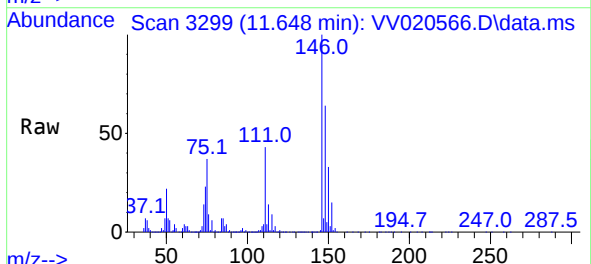
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

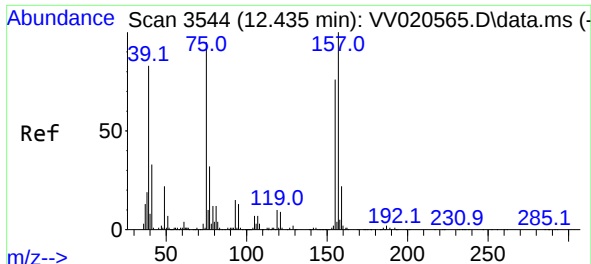
Tgt Ion:146 Resp: 846995
Ion Ratio Lower Upper
146 100
111 39.2 29.4 54.6
148 63.7 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 107.04 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:146 Resp: 831267
Ion Ratio Lower Upper
146 100
111 42.5 36.3 54.5
148 63.8 51.7 77.5

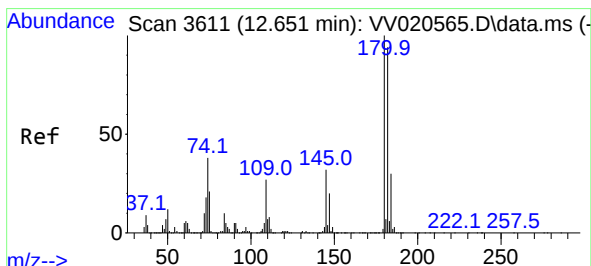
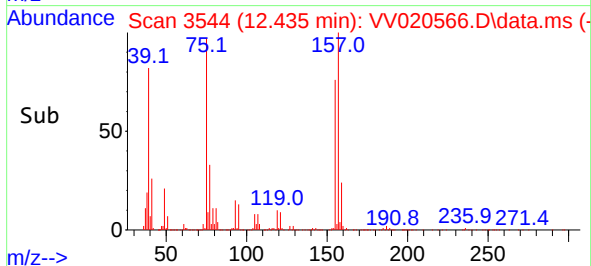
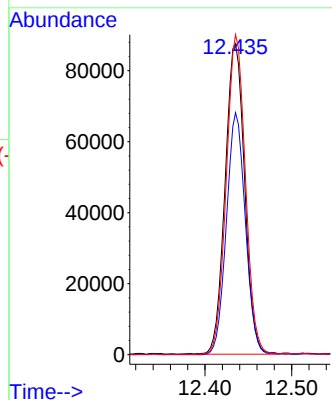
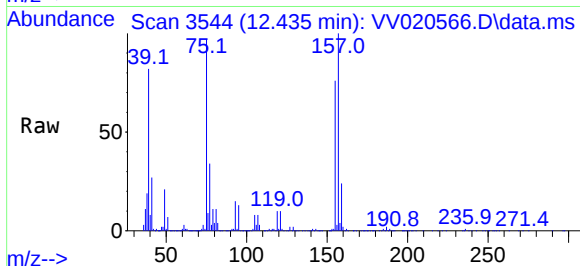




#66
1,2-Dibromo-3-chloropropane
Concen: 139.71 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

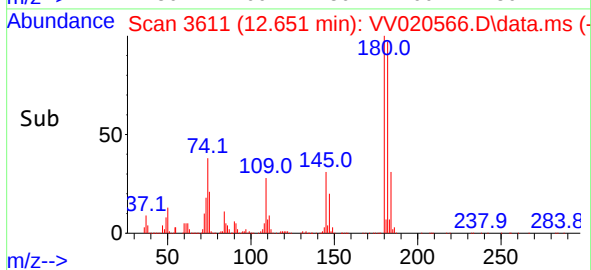
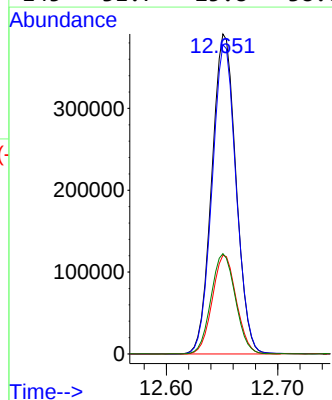
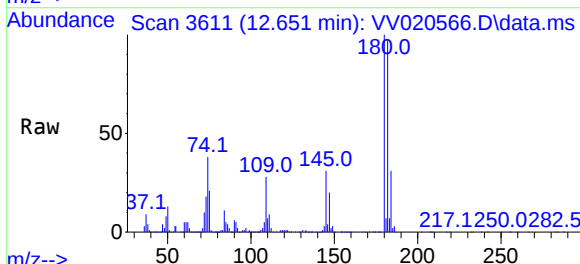
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

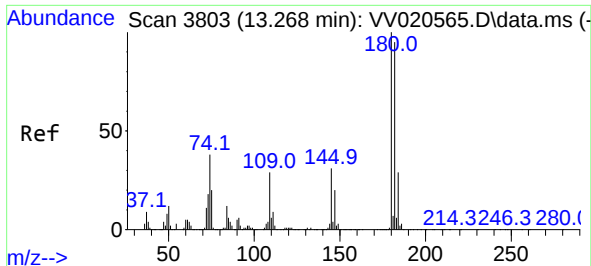
Tgt Ion: 75 Resp: 137001
Ion Ratio Lower Upper
75 100
155 77.8 59.1 88.7
157 102.9 75.4 113.0



#67
1,3,5-Trichlorobenzene
Concen: 99.92 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:180 Resp: 589041
Ion Ratio Lower Upper
180 100
182 96.1 75.0 112.6
184 30.7 24.0 36.0
145 31.7 25.8 38.6

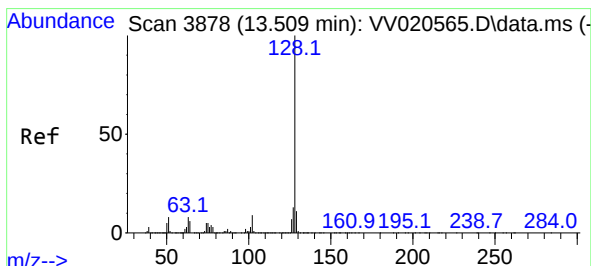
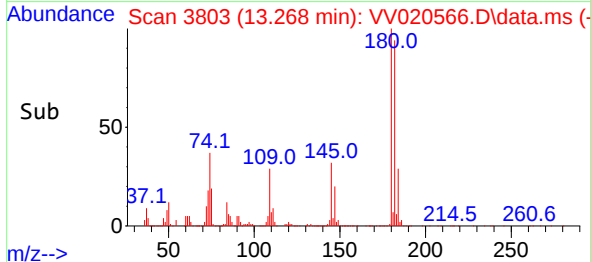
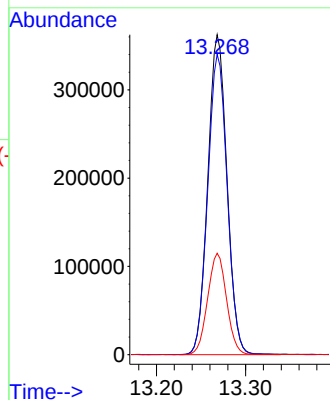
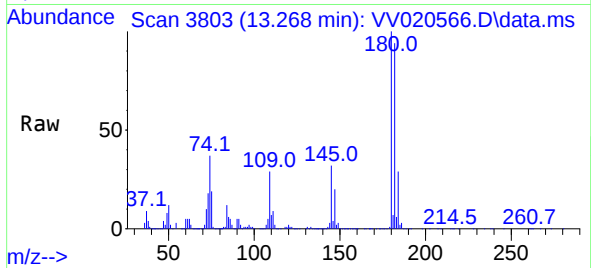




#68
1,2,4-trichlorobenzene
Concen: 106.30 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

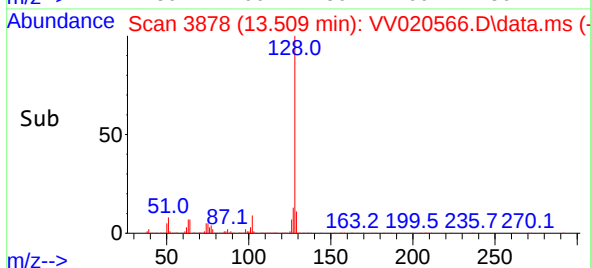
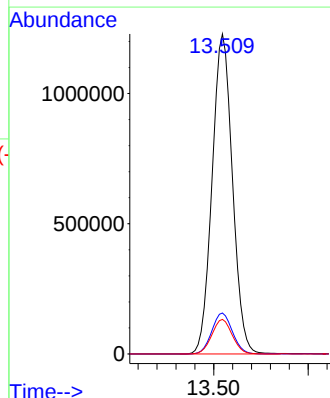
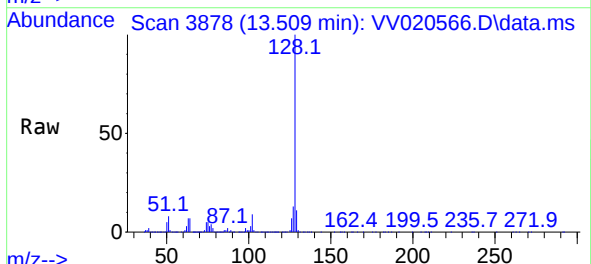
Instrument :
MSVOA_V
ClientSampleId :
VSTD10066

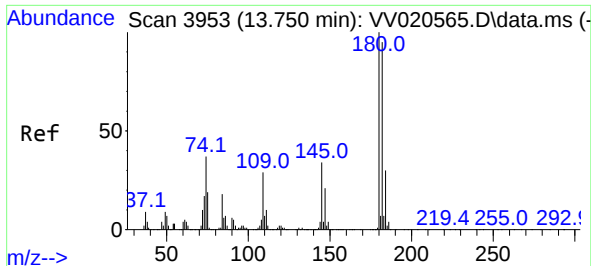
Tgt Ion:	180	Resp:	540691
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.1	112.7
145	31.3	26.8	40.2



#69
Naphthalene
Concen: 130.81 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020566.D
Acq: 12 Mar 2021 15:12

Tgt Ion:	128	Resp:	1833898
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	13.0





#70
 1,2,3-Trichlorobenzene
 Concen: 103.79 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. -0.000 min
 Lab File: VV020566.D
 Acq: 12 Mar 2021 15:12

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Tgt Ion:180 Resp: 532458
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.1 114.1
 145 33.2 27.9 41.9

