

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020405.D
 Acq On : 24 Feb 2021 21:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050169

Quant Time: Feb 25 00:40:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:44:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	580164	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	568862	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	314698	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	148773	51.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.64%			
7) Chloroethane-d5	1.568	69	131115	51.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.22%			
11) 1,1-Dichloroethene-d2	2.111	63	303353	51.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.42%			
21) 2-Butanone-d5	3.892	46	233864	108.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.20%			
24) Chloroform-d	4.352	84	341418	52.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.04%			
26) 1,2-Dichloroethane-d4	5.037	65	215462	51.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.90%			
32) Benzene-d6	5.053	84	655300	52.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.76%			
36) 1,2-Dichloropropane-d6	6.072	67	204040	52.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.20%			
41) Toluene-d8	7.320	98	631671	53.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.92%			
43) trans-1,3-Dichloroprop...	7.625	79	100400	53.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.30%			
47) 2-Hexanone-d5	8.092	63	174171	113.26	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.26%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	299315	54.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.82%			
66) 1,2-Dichlorobenzene-d4	11.632	152	287604	52.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.62%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	235900	49.90	ug/L	100
3) Chloromethane	1.243	50	211993	52.16	ug/L	100
5) Vinyl chloride	1.310	62	229304	51.98	ug/L	99
6) Bromomethane	1.523	94	146638	50.74	ug/L	100
8) Chloroethane	1.587	64	139265	51.77	ug/L	98
9) Trichlorofluoromethane	1.754	101	335446	50.92	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	175407	48.62	ug/L	95
12) 1,1-Dichloroethene	2.121	96	173042	51.38	ug/L	95
13) Acetone	2.185	43	157415	98.95	ug/L	99
14) Carbon disulfide	2.298	76	446611	50.74	ug/L	100
15) Methyl Acetate	2.436	43	175123	52.81	ug/L	98
16) Methylene chloride	2.510	84	197187	51.54	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	183103	52.14	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	557085	52.58	ug/L	97
19) 1,1-Dichloroethane	3.195	63	330108	51.57	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	203609	52.33	ug/L	93
22) 2-Butanone	3.976	43	242311	107.33	ug/L	96
23) Bromochloromethane	4.252	128	111925	53.31	ug/L	92
25) Chloroform	4.378	83	365832	52.20	ug/L	98
27) 1,2-Dichloroethane	5.133	62	270872	52.14	ug/L	99

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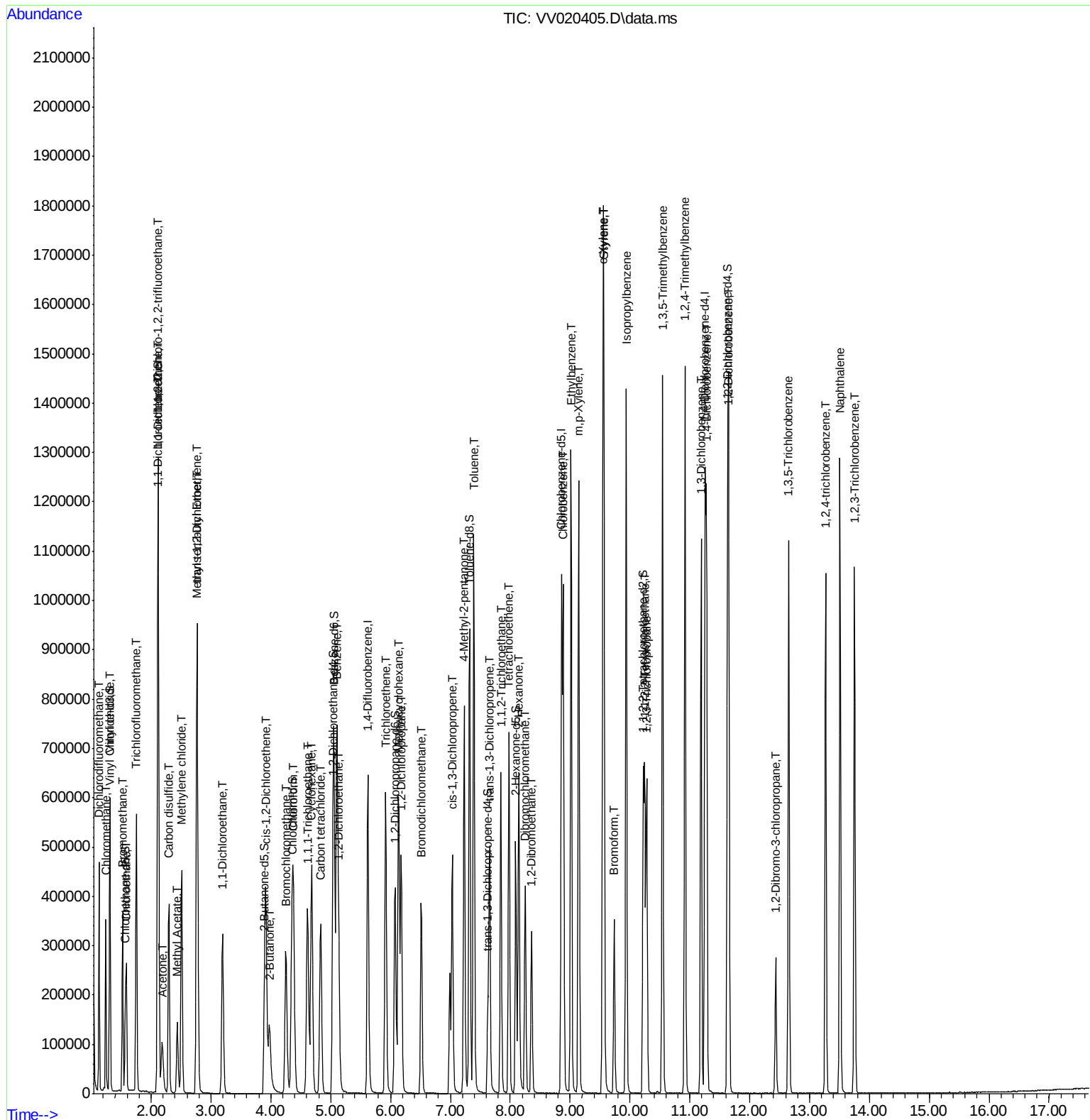
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	252948	50.04	ug/L	94
30) 1,1,1-Trichloroethane	4.613	97	313723	52.45	ug/L	98
31) Carbon tetrachloride	4.834	117	268351	51.54	ug/L	100
33) Benzene	5.105	78	755067	52.88	ug/L	100
34) Trichloroethene	5.918	95	210778	50.77	ug/L	96
35) Methylcyclohexane	6.137	83	267487	48.10	ug/L	96
37) 1,2-Dichloropropane	6.178	63	192675	52.99	ug/L	99
38) Bromodichloromethane	6.513	83	260235	52.20	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	296728	53.70	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	489117	108.84	ug/L	95
42) Toluene	7.391	91	831418	53.29	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	291637	54.07	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	200633	52.66	ug/L	99
46) Tetrachloroethene	7.979	164	169660	50.86	ug/L	98
48) 2-Hexanone	8.143	43	378855	109.09	ug/L	94
49) Dibromochloromethane	8.249	129	219729	53.38	ug/L	97
50) 1,2-Dibromoethane	8.355	107	214257	52.88	ug/L	99
51) Chlorobenzene	8.886	112	556123	50.99	ug/L	98
52) Ethylbenzene	9.018	91	910141	52.54	ug/L	97
53) m,p-Xylene	9.143	106	349825	52.83	ug/L	99
54) o-Xylene	9.548	106	347232	53.41	ug/L	98
55) Styrene	9.564	104	609056	54.58	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	302920	53.96	ug/L	100
59) Bromoform	9.738	173	158040	53.64	ug/L	99
60) Isopropylbenzene	9.937	105	910560	52.76	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	256447	51.83	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	763123	53.98	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	794378	54.83	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	470431	51.84	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	479139	50.78	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	480041	52.93	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	64896	56.46	ug/L	99
69) 1,3,5-Trichlorobenzene	12.651	180	359853	50.85	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	326158	53.09	ug/L	99
71) Naphthalene	13.509	128	986207	58.08	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	337238	54.61	ug/L	99

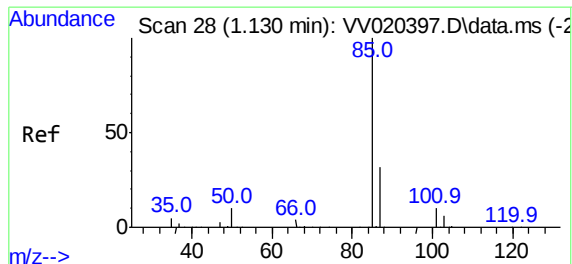
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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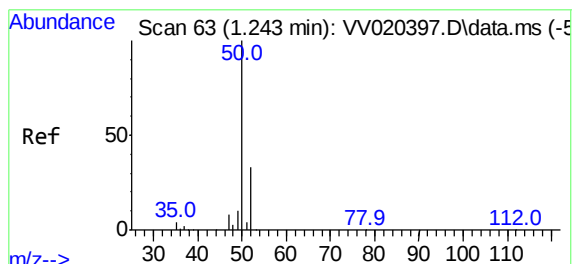
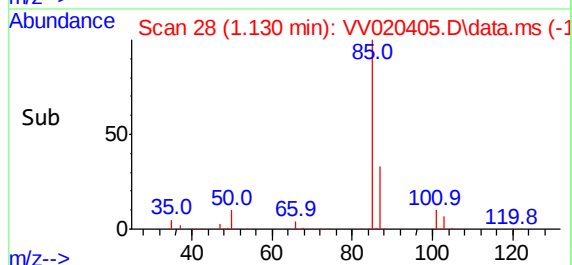
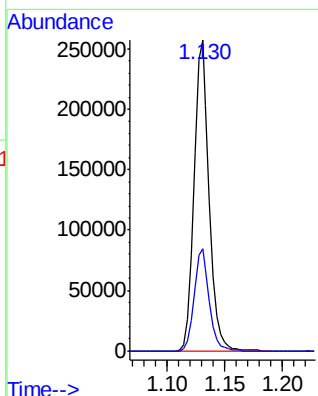
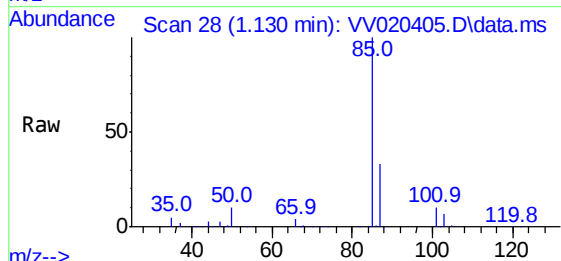




#2
Dichlorodifluoromethane
Concen: 49.90 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

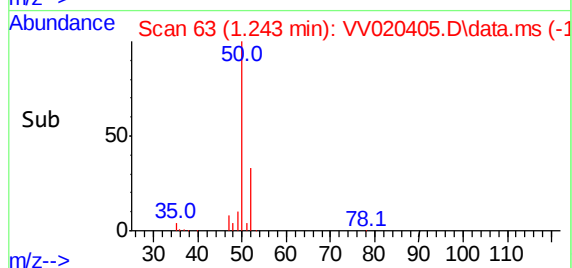
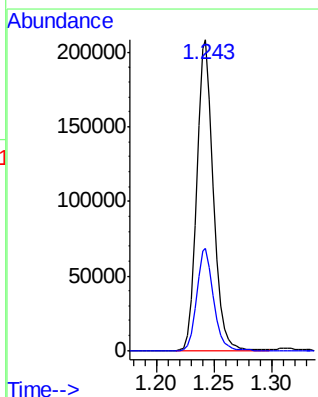
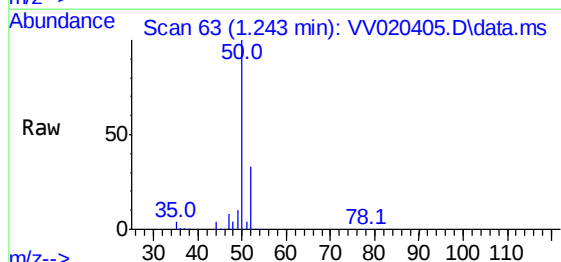
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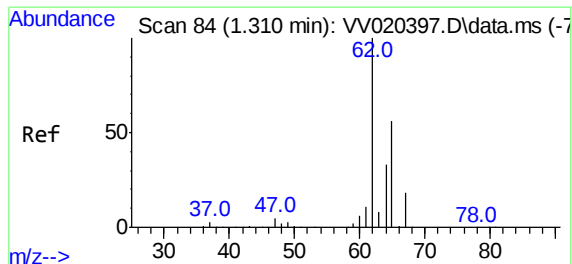
Tgt Ion: 85 Resp: 235900
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.2



#3
Chloromethane
Concen: 52.16 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 50 Resp: 211993
Ion Ratio Lower Upper
50 100
52 32.8 22.9 42.5

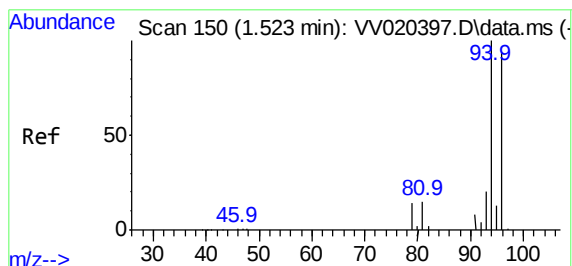
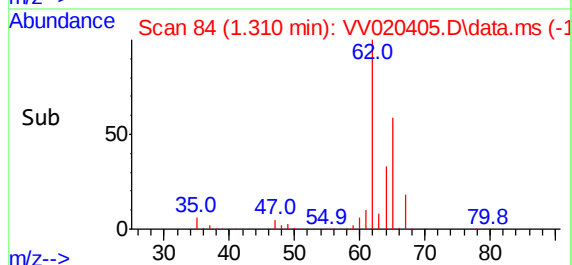
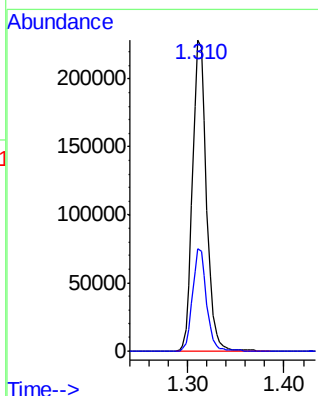
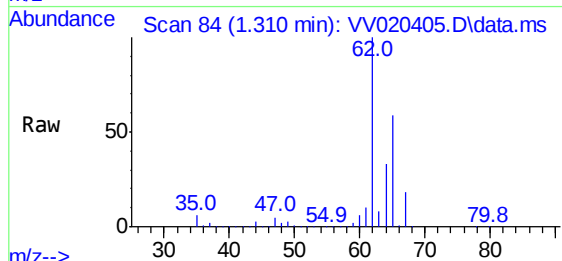




#5
 Vinyl chloride
 Concen: 51.98 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020405.D
 Acq: 24 Feb 2021 21:03

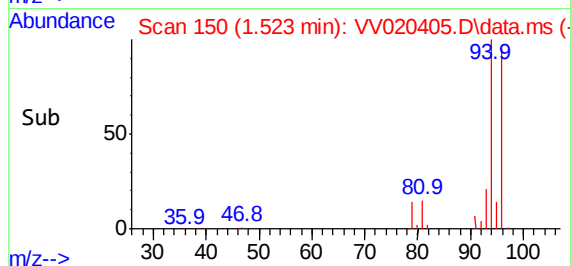
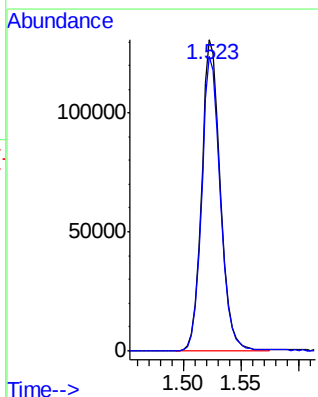
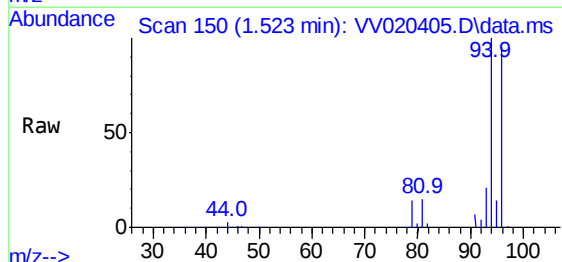
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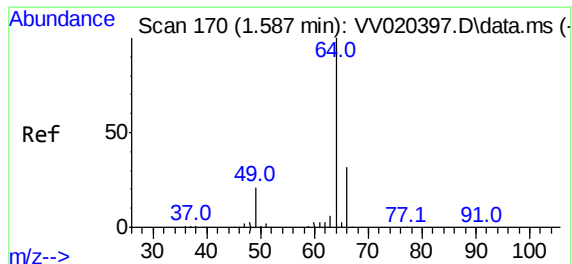
Tgt Ion: 62 Resp: 229304
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 50.74 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020405.D
 Acq: 24 Feb 2021 21:03

Tgt Ion: 94 Resp: 146638
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.9 122.5

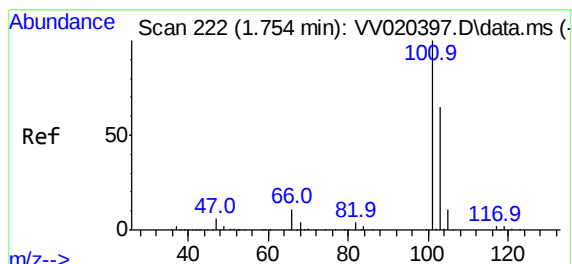
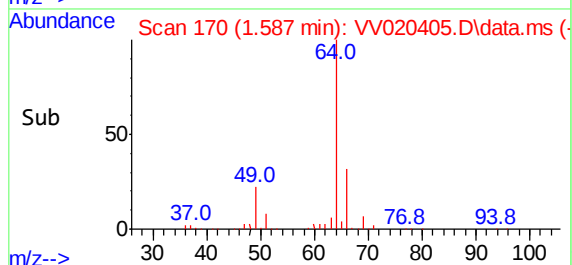
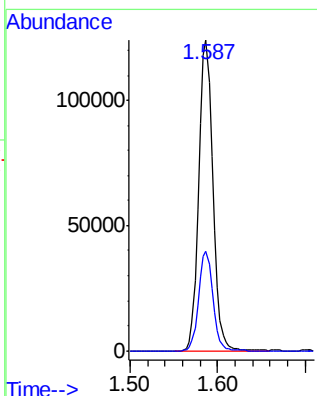
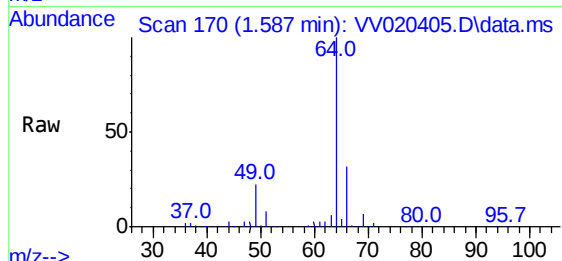




#8
Chloroethane
Concen: 51.77 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

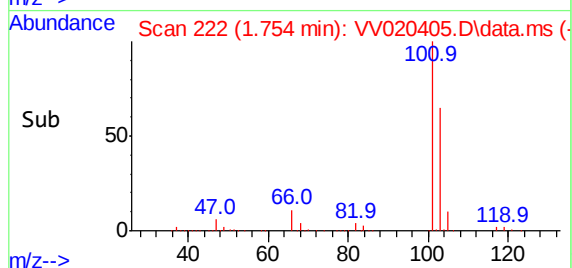
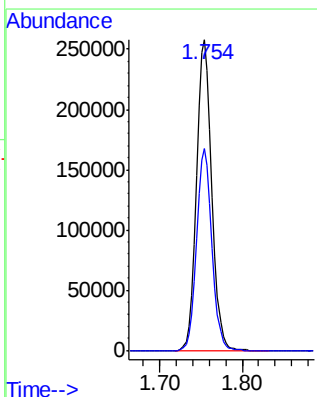
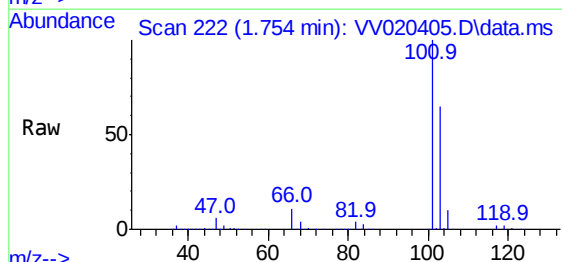
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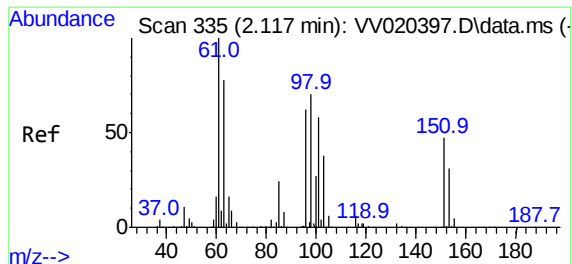
Tgt Ion: 64 Resp: 139265
Ion Ratio Lower Upper
64 100
66 32.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 50.92 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion:101 Resp: 335446
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

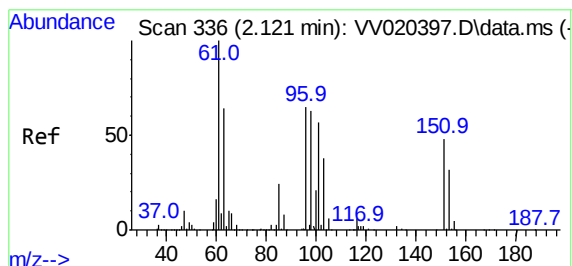
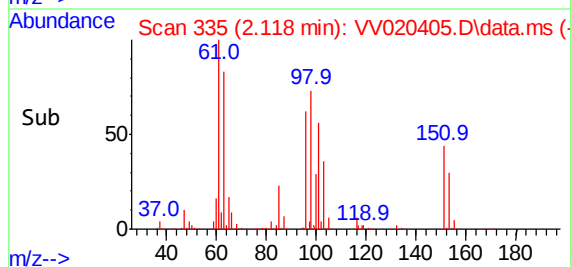
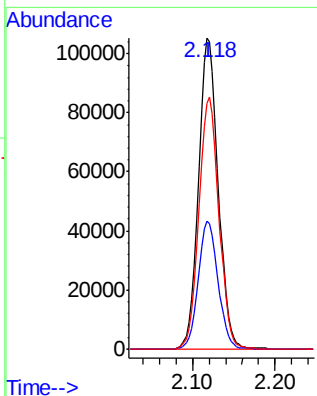
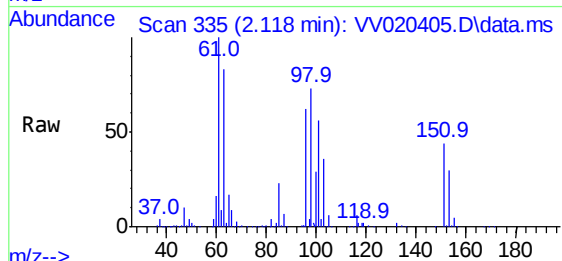




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.62 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020405.D
 Acq: 24 Feb 2021 21:03

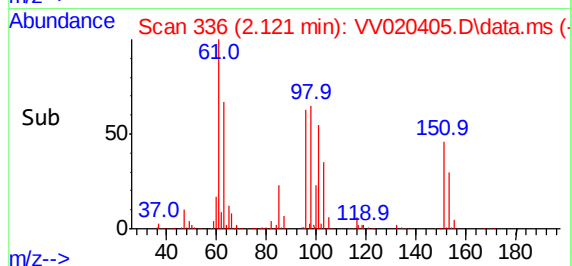
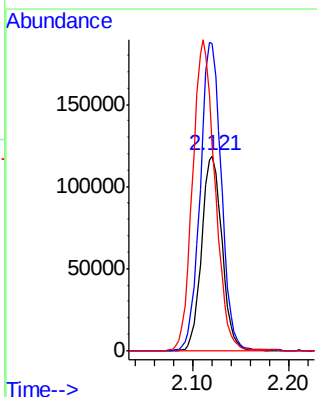
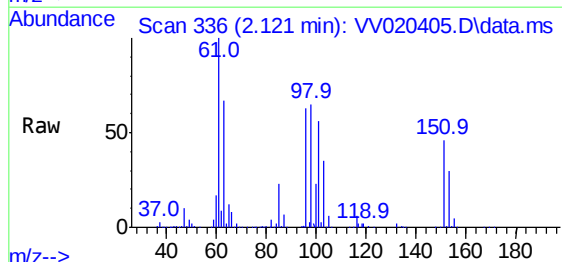
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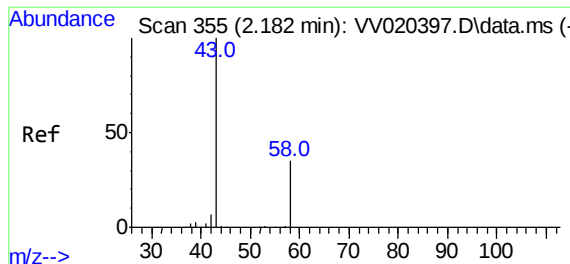
Tgt Ion:101 Resp: 175407
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.4 48.6
 151 82.4 71.0 106.6



#12
 1,1-Dichloroethene
 Concen: 51.38 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020405.D
 Acq: 24 Feb 2021 21:03

Tgt Ion: 96 Resp: 173042
 Ion Ratio Lower Upper
 96 100
 61 157.9 110.9 206.1
 63 106.1 82.1 152.5

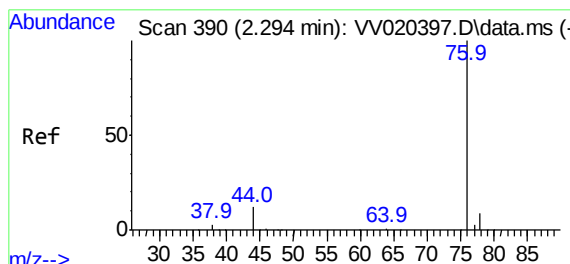
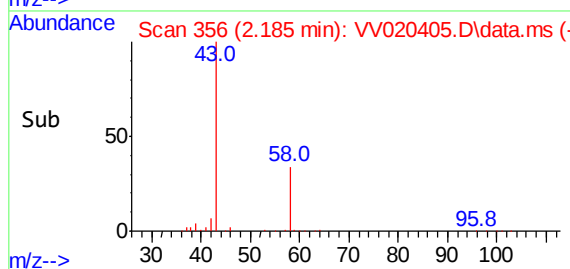
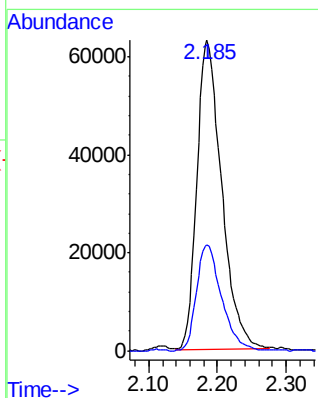
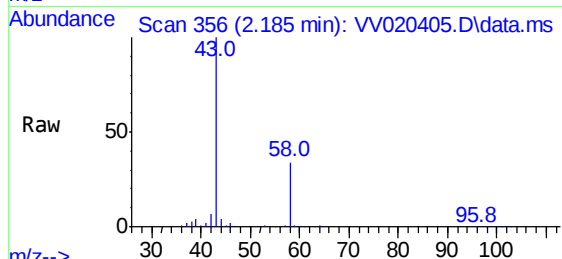




#13
Acetone
Concen: 98.95 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

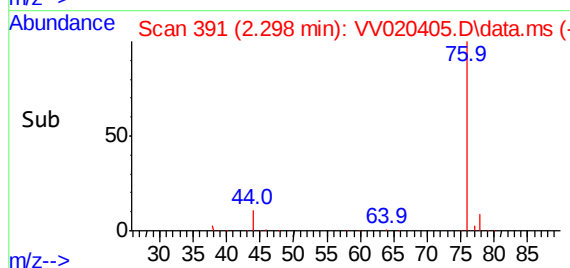
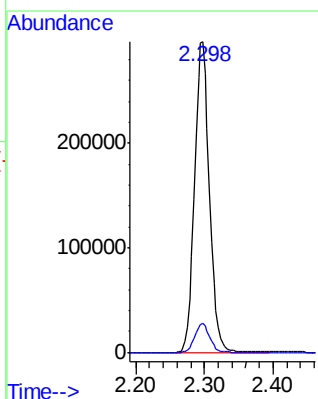
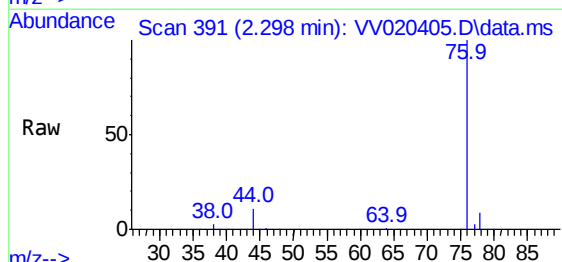
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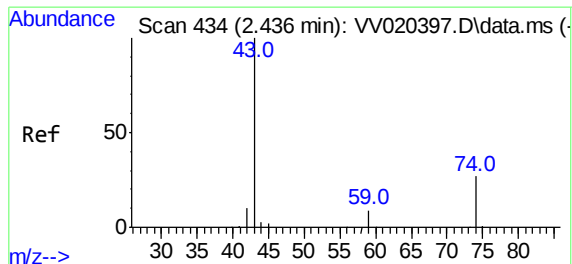
Tgt Ion: 43 Resp: 157415
Ion Ratio Lower Upper
43 100
58 34.7 0.0 68.0



#14
Carbon disulfide
Concen: 50.74 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 446611
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

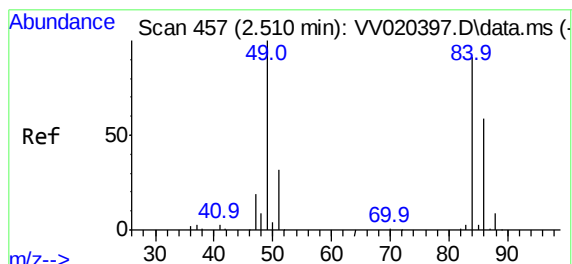
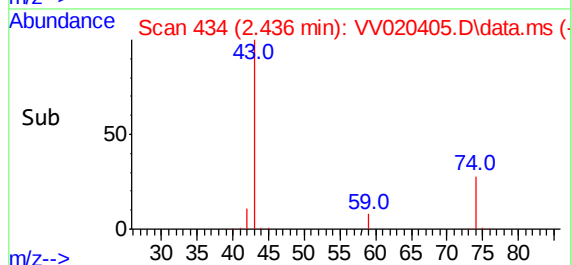
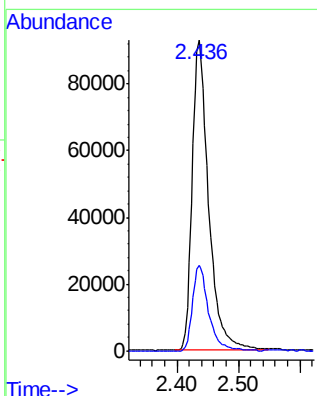
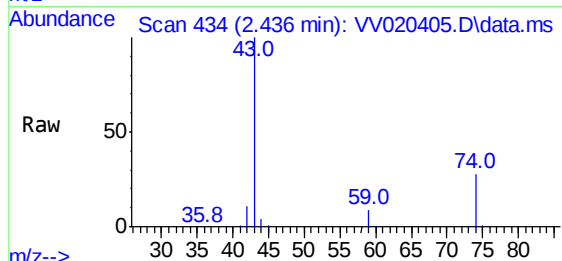




#15
Methyl Acetate
Concen: 52.81 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

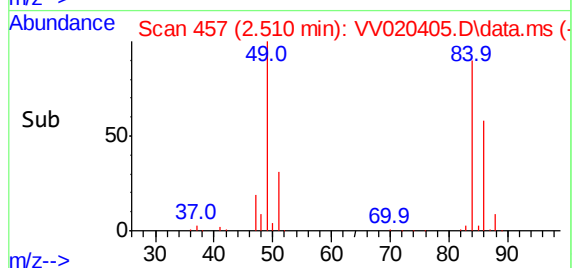
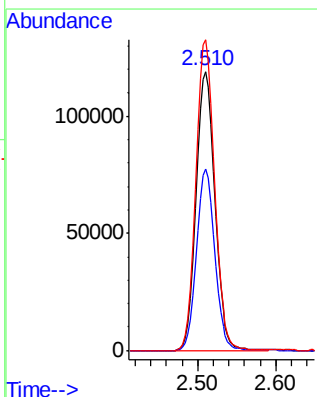
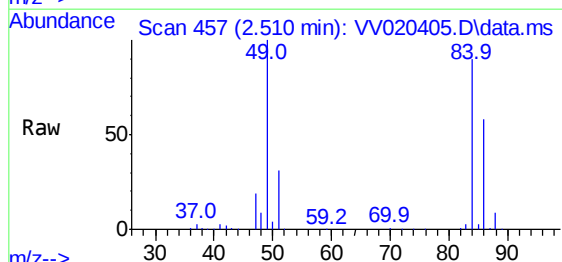
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

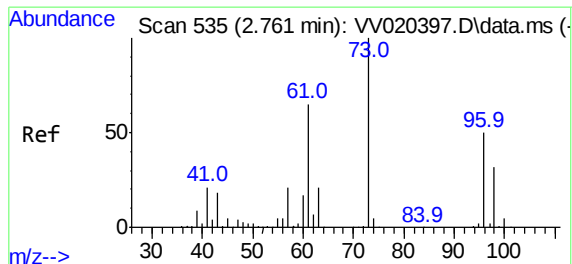
Tgt Ion: 43 Resp: 175123
Ion Ratio Lower Upper
43 100
74 26.9 20.6 30.8



#16
Methylene chloride
Concen: 51.54 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 84 Resp: 197187
Ion Ratio Lower Upper
84 100
86 65.2 44.8 83.2
49 111.4 78.5 145.7

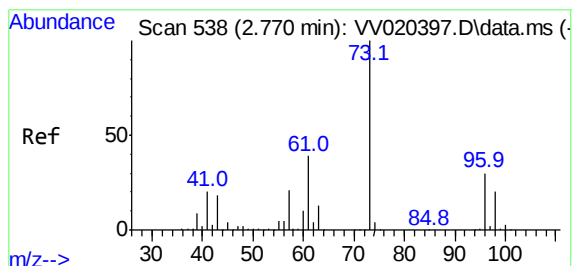
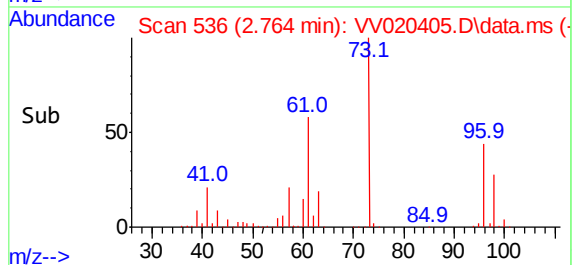
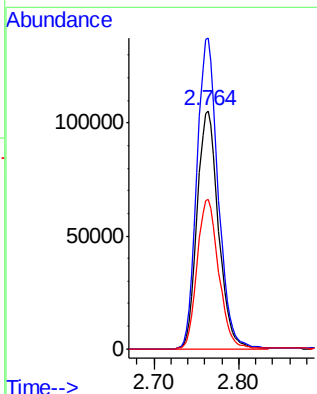
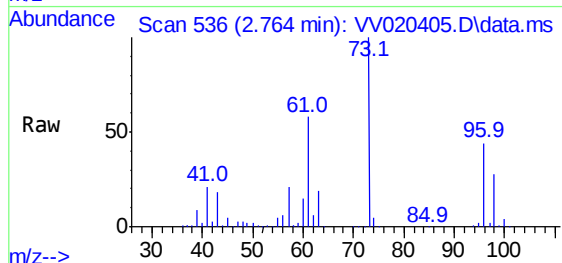




#17
trans-1,2-Dichloroethene
Concen: 52.14 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

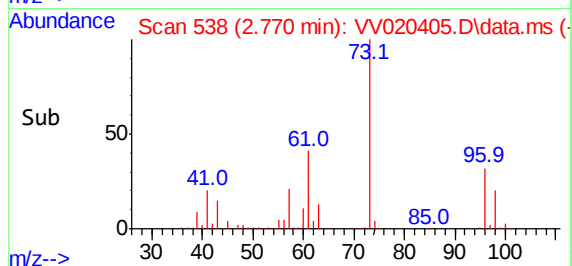
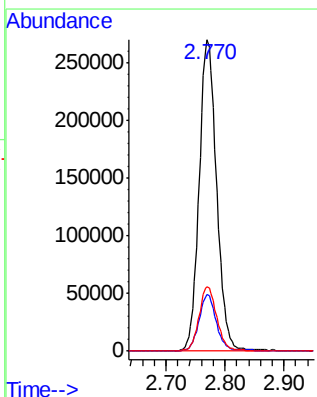
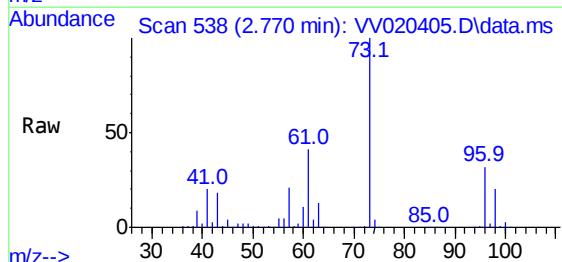
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

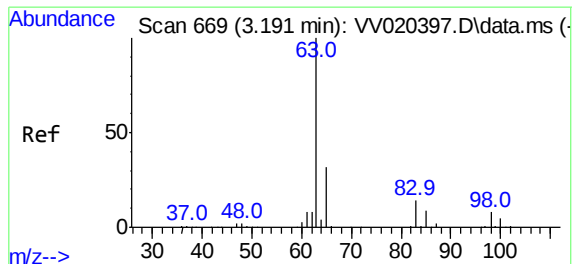
Tgt Ion: 96 Resp: 183103
Ion Ratio Lower Upper
96 100
61 130.4 92.0 170.9
98 62.5 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 52.58 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 73 Resp: 557085
Ion Ratio Lower Upper
73 100
43 17.4 15.0 22.6
57 20.5 17.2 25.8

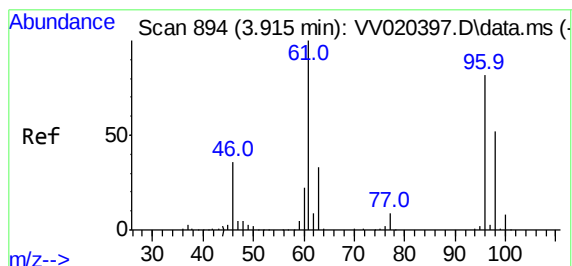
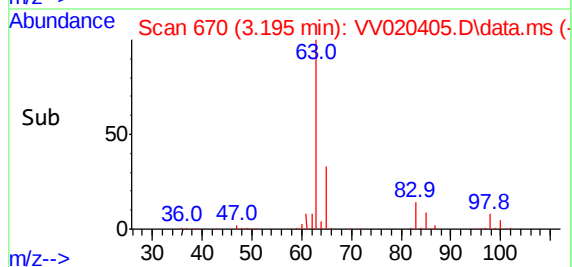
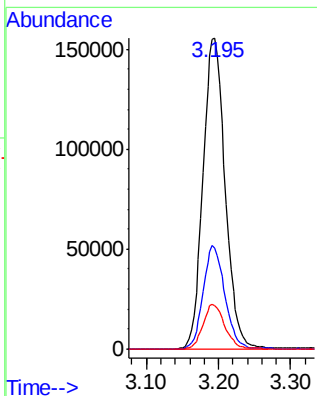
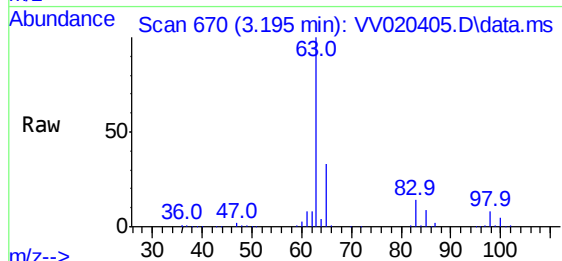




#19
1,1-Dichloroethane
Concen: 51.57 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

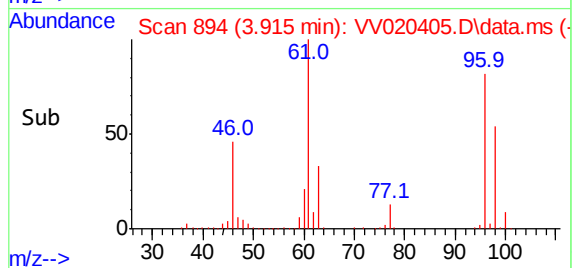
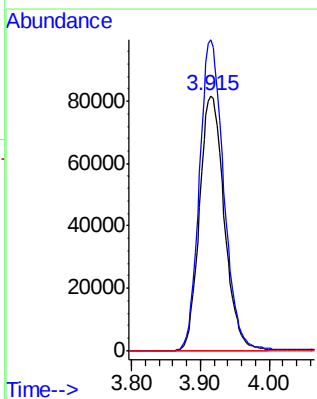
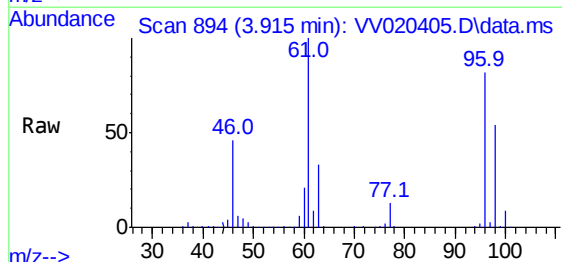
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

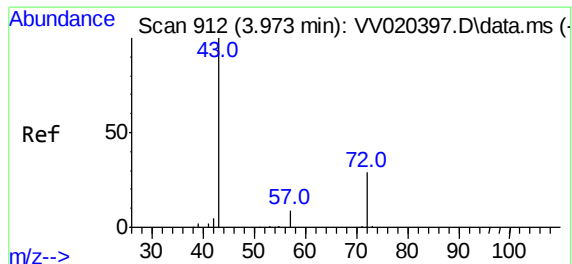
Tgt Ion: 63 Resp: 330108
Ion Ratio Lower Upper
63 100
65 32.5 21.8 40.4
83 14.1 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 52.33 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 96 Resp: 203609
Ion Ratio Lower Upper
96 100
61 121.8 90.6 168.3
68 0.0 0.0 0.0

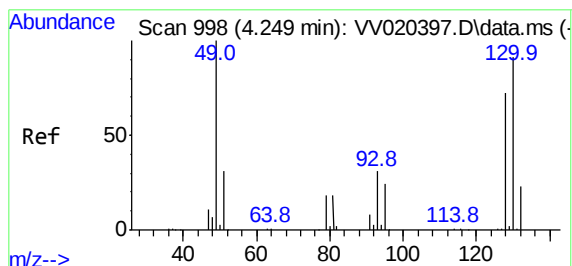
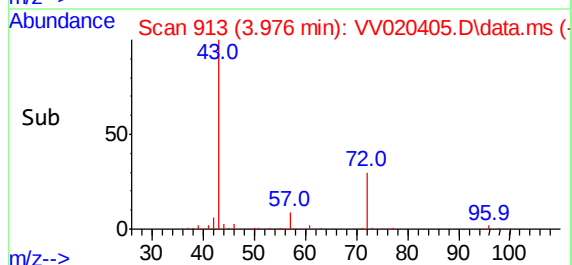
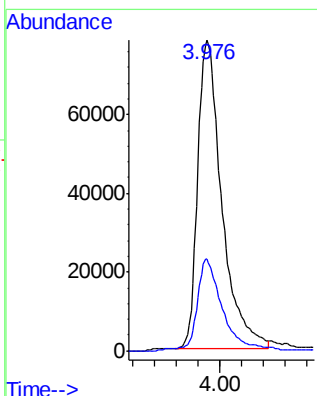
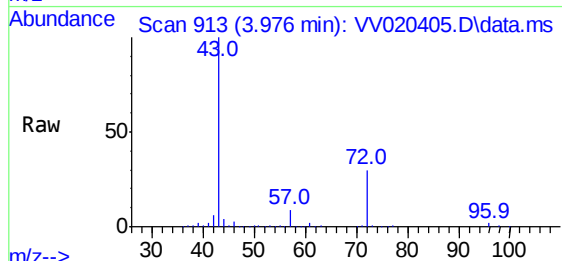




#22
2-Butanone
Concen: 107.33 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

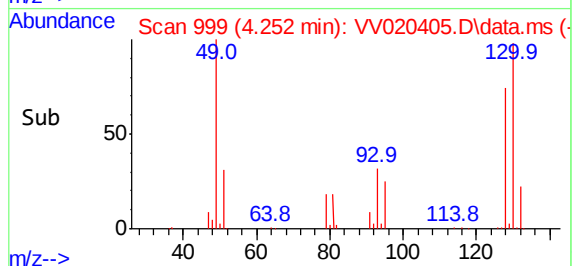
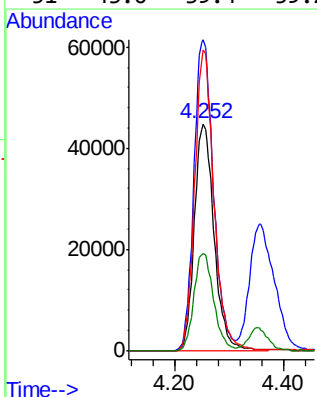
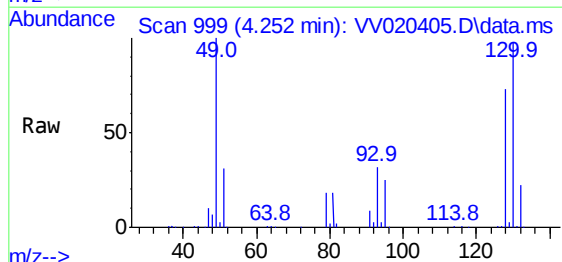
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

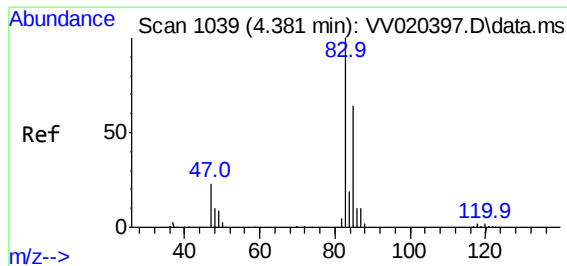
Tgt Ion: 43 Resp: 242311
Ion Ratio Lower Upper
43 100
72 27.3 12.7 38.1



#23
Bromochloromethane
Concen: 53.31 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion:128 Resp: 111925
Ion Ratio Lower Upper
128 100
49 137.3 109.8 203.8
130 132.5 92.8 172.4
51 43.0 39.4 59.2

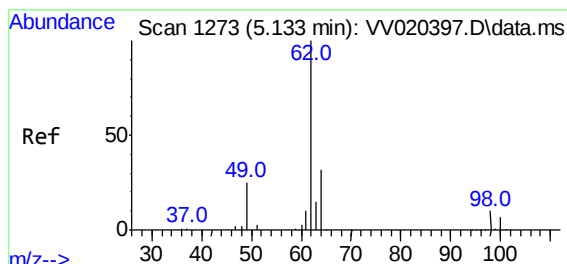
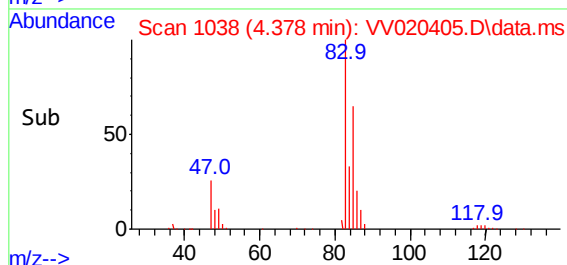
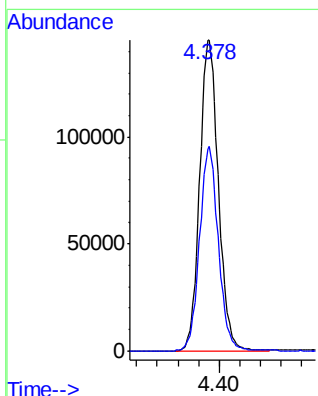
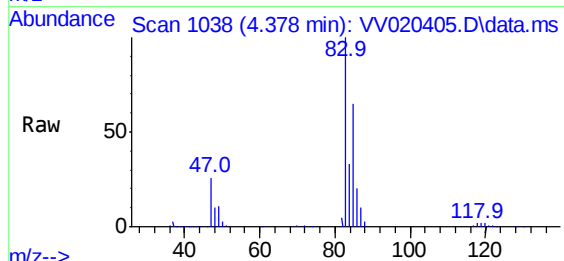




#25
Chloroform
Concen: 52.20 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

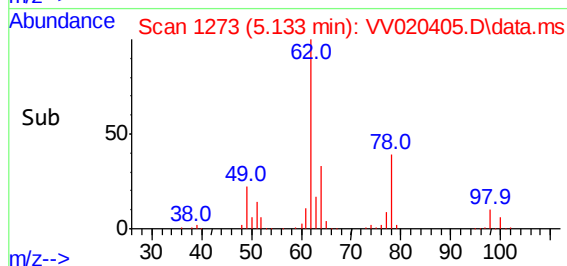
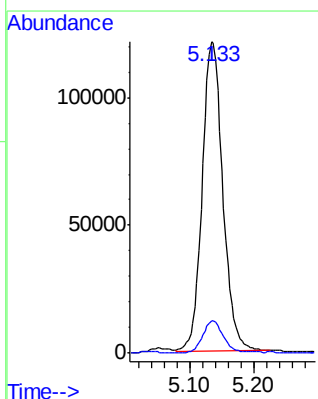
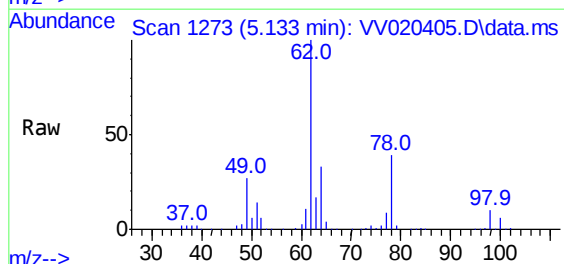
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

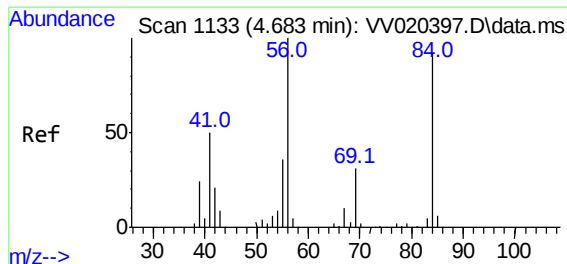
Tgt Ion: 83 Resp: 365832
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 52.14 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 62 Resp: 270872
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.6



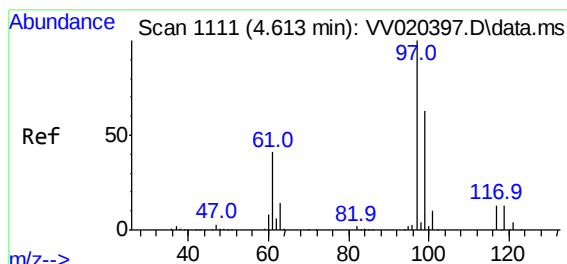
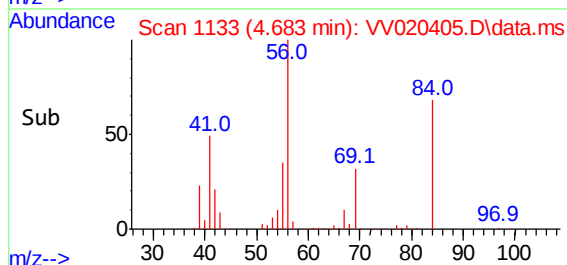
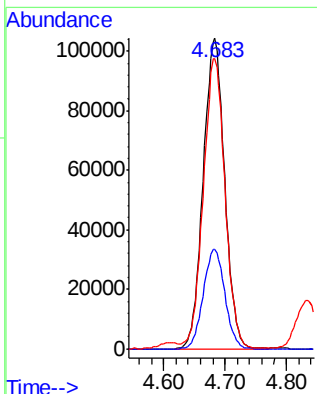
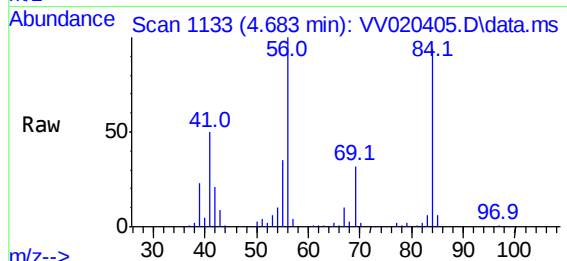


#29
Cyclohexane
Concen: 50.04 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

Tgt Ion: 56 Resp: 252948

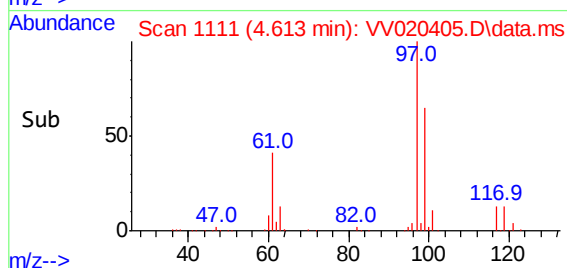
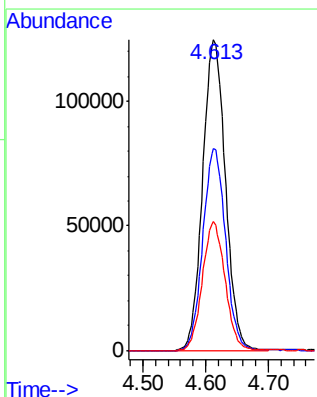
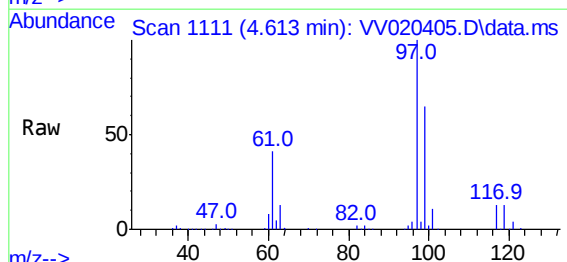
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.1	37.7
84	94.8	70.6	106.0

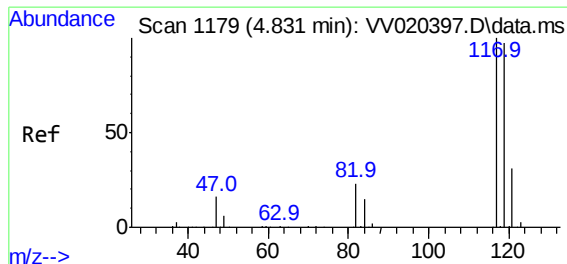


#30
1,1,1-Trichloroethane
Concen: 52.45 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 97 Resp: 313723

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	41.3	35.4	53.2

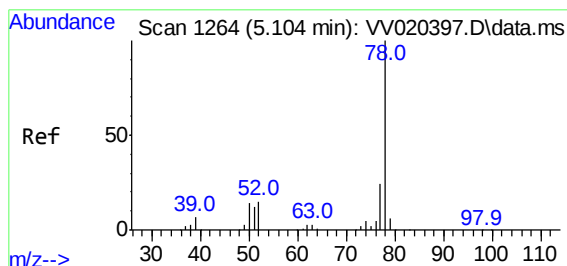
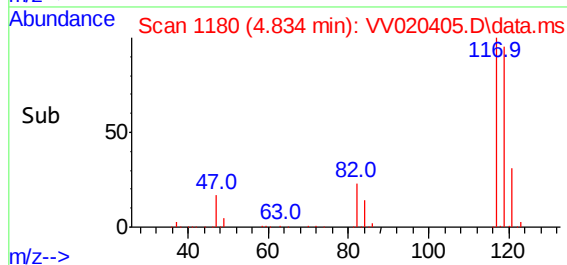
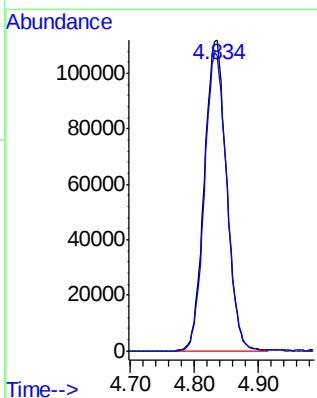
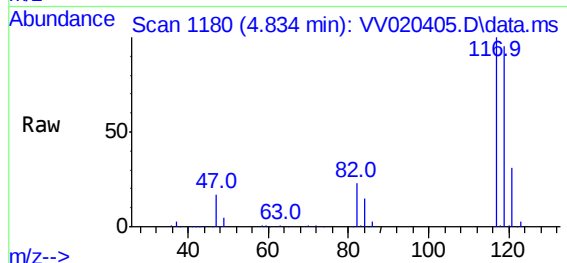




#31
Carbon tetrachloride
Concen: 51.54 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

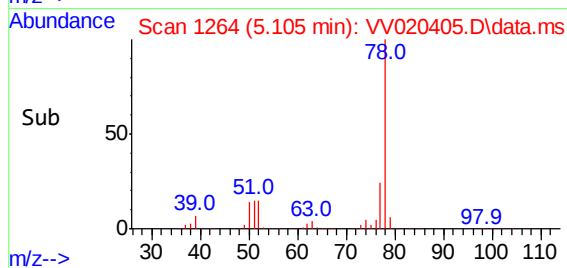
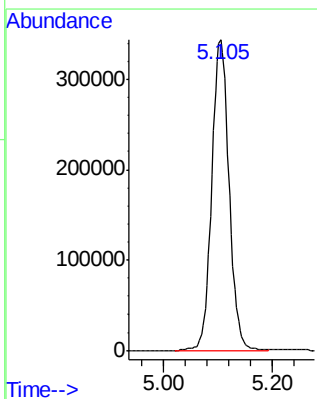
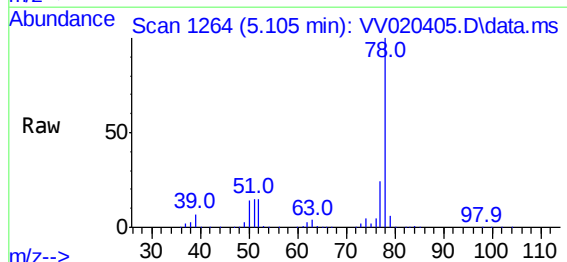
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

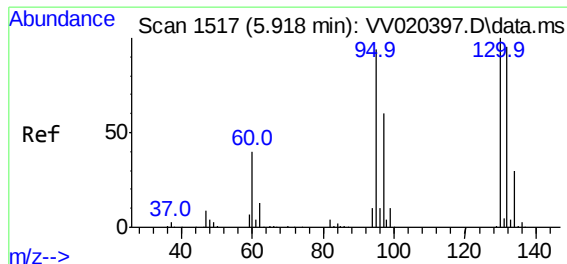
Tgt Ion:117 Resp: 268351
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 52.88 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 78 Resp: 755067

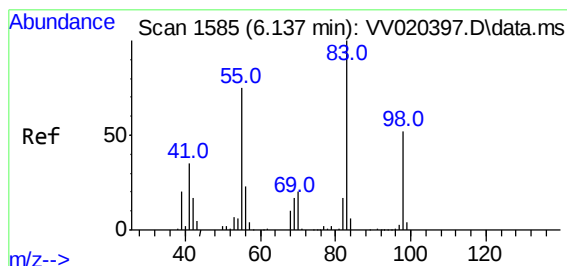
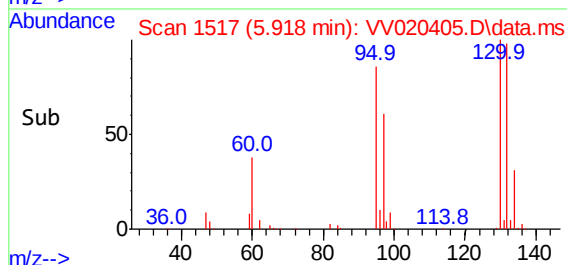
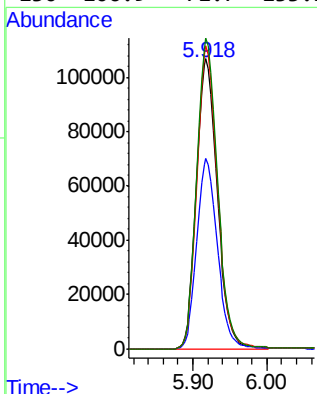
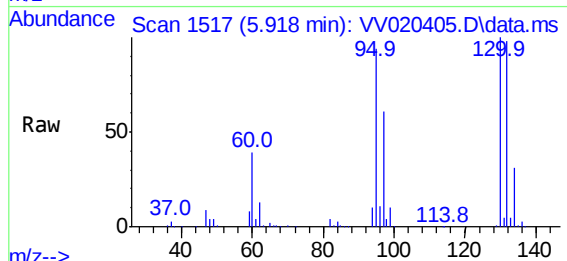




#34
Trichloroethene
Concen: 50.77 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

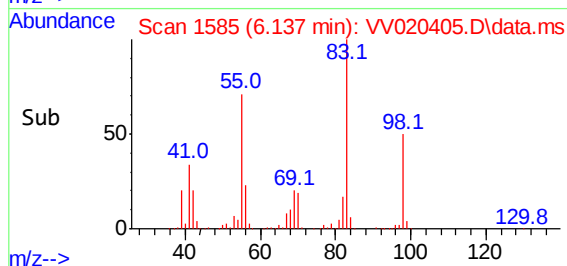
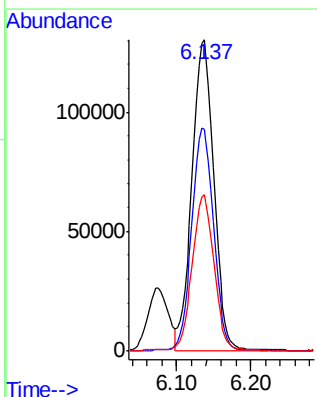
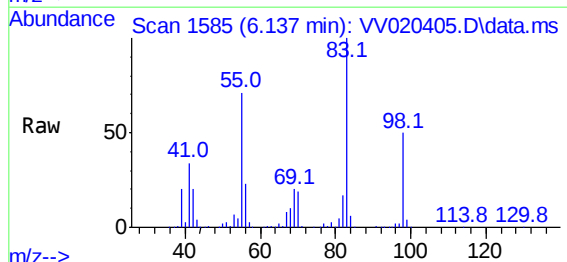
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

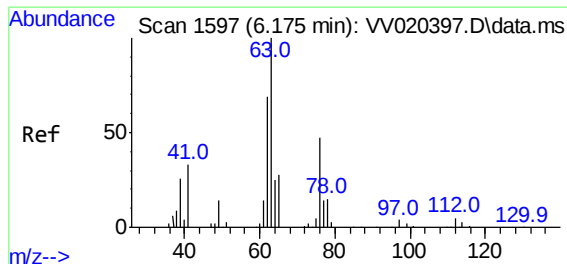
Tgt Ion: 95 Resp: 210778
Ion Ratio Lower Upper
95 100
97 65.3 45.4 84.4
132 104.4 68.7 127.7
130 106.9 71.7 133.1



#35
Methylcyclohexane
Concen: 48.10 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 83 Resp: 267487
Ion Ratio Lower Upper
83 100
55 71.7 61.4 92.0
98 49.6 39.9 59.9

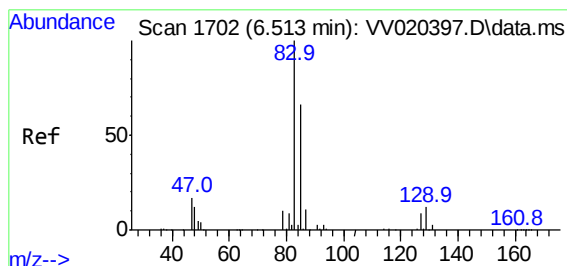
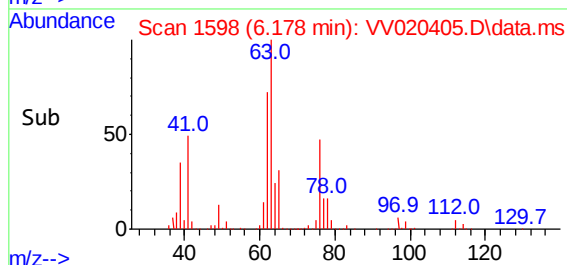
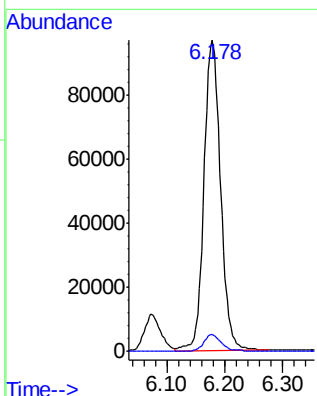
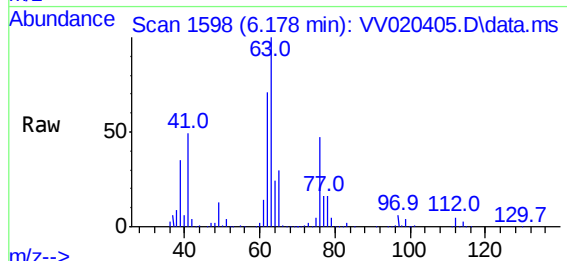




#37
1,2-Dichloropropane
Concen: 52.99 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

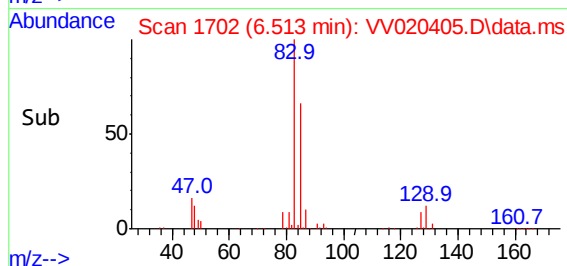
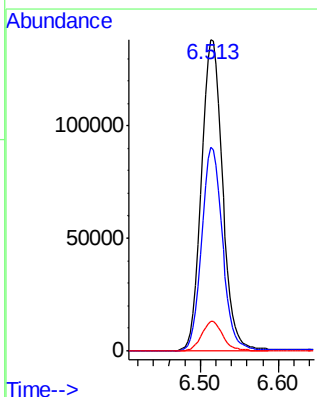
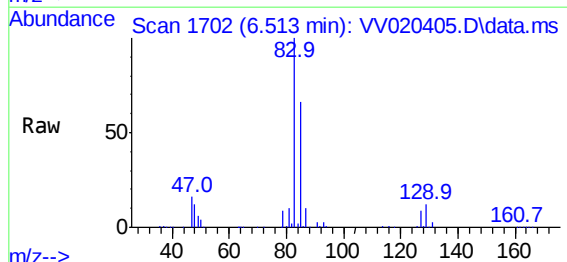
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

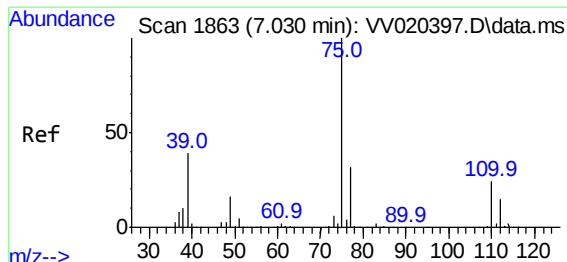
Tgt Ion: 63 Resp: 192675
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9



#38
Bromodichloromethane
Concen: 52.20 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 83 Resp: 260235
Ion Ratio Lower Upper
83 100
85 65.6 44.2 82.2
127 9.4 6.8 10.2

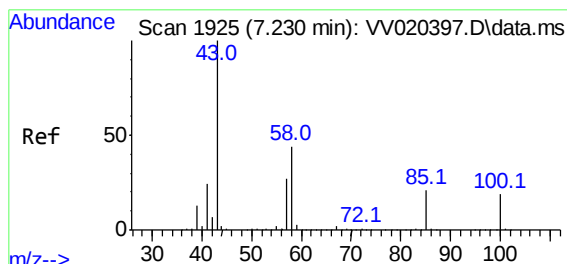
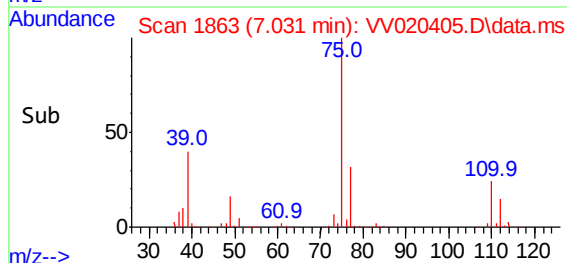
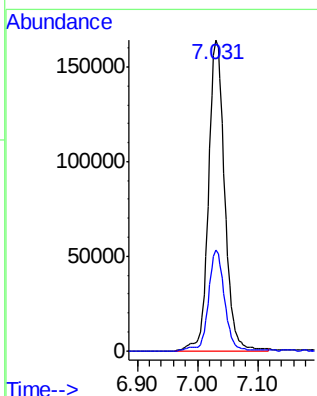
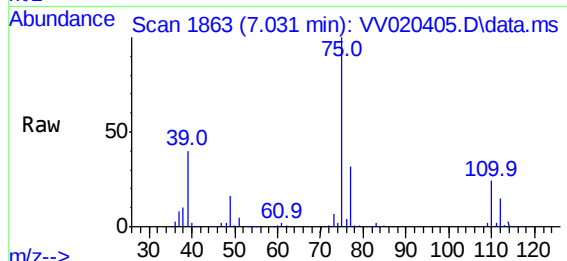




#39
cis-1,3-Dichloropropene
Concen: 53.70 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

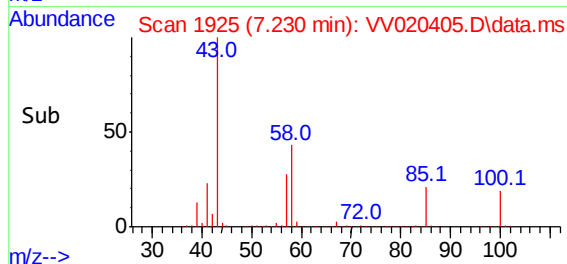
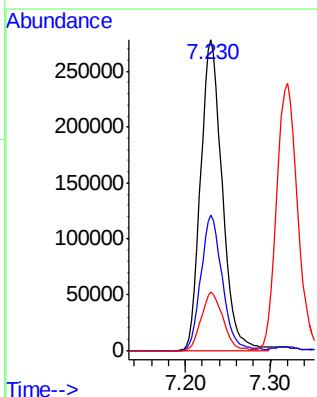
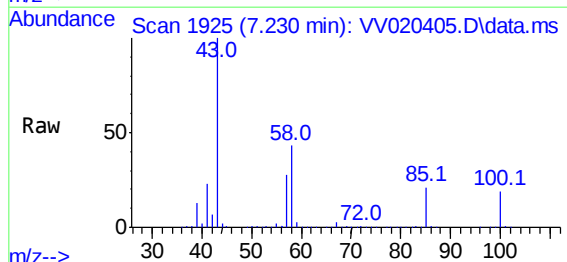
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

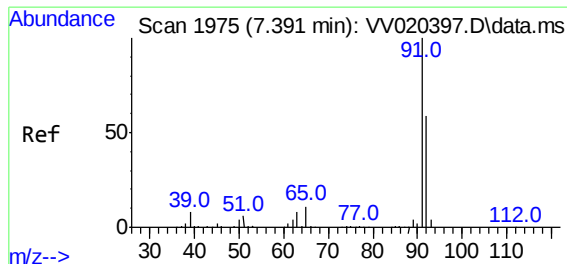
Tgt Ion: 75 Resp: 296728
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 108.84 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 43 Resp: 489117
Ion Ratio Lower Upper
43 100
58 43.1 32.1 48.1
100 18.7 13.4 20.0

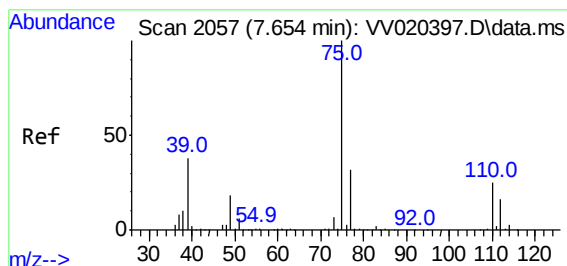
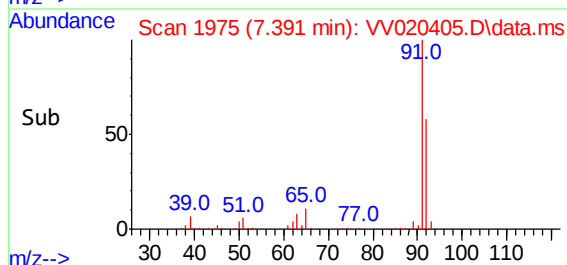
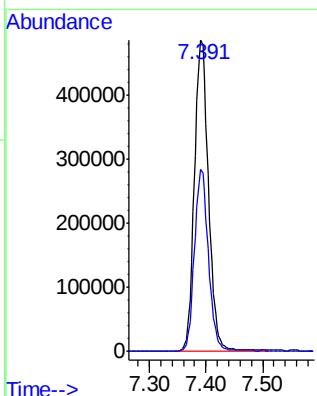
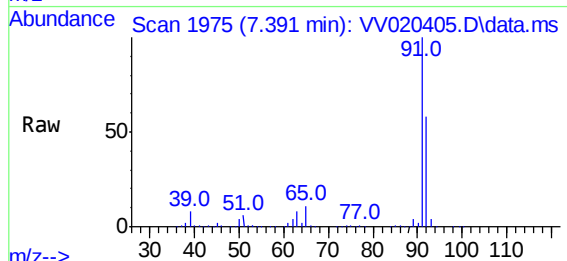




#42
Toluene
Concen: 53.29 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

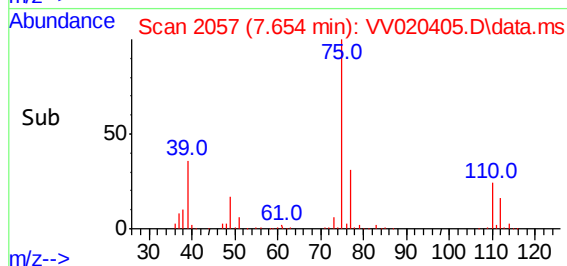
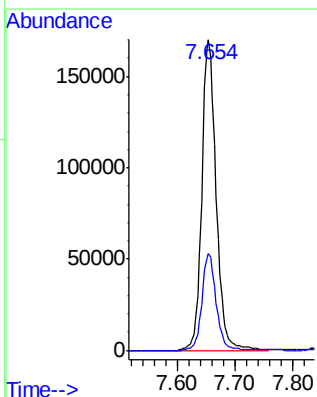
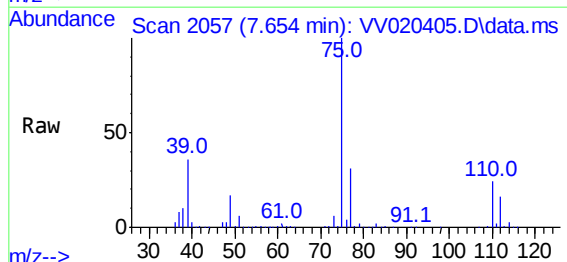
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

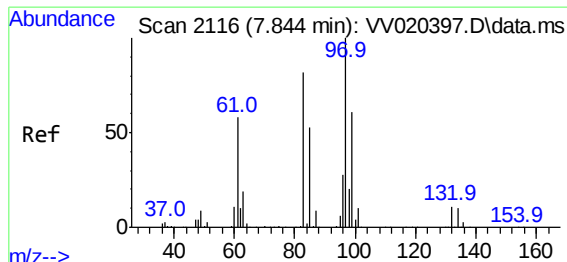
Tgt Ion: 91 Resp: 831418
Ion Ratio Lower Upper
91 100
92 58.3 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 54.07 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 75 Resp: 291637
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7



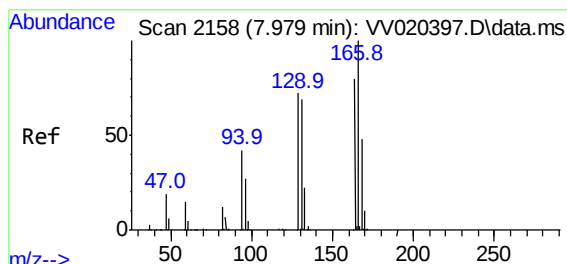
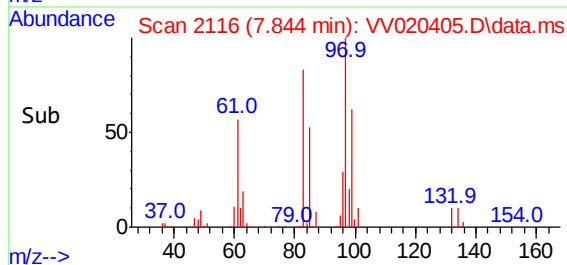
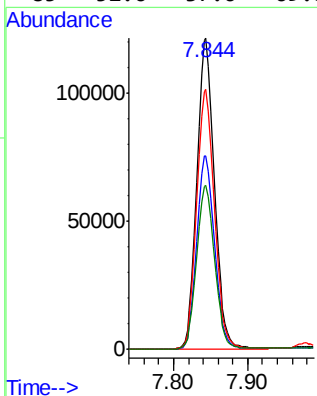
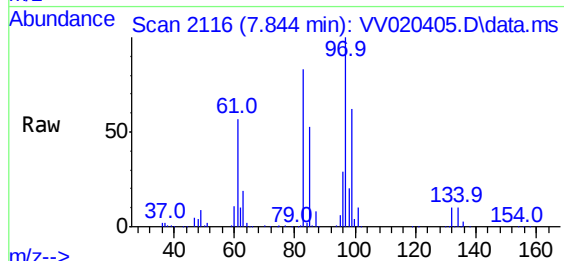


#45
1,1,2-Trichloroethane
Concen: 52.66 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

Tgt Ion: 97 Resp: 200633

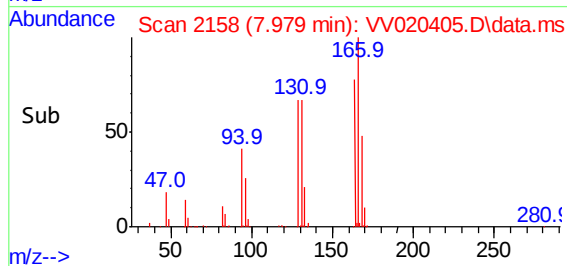
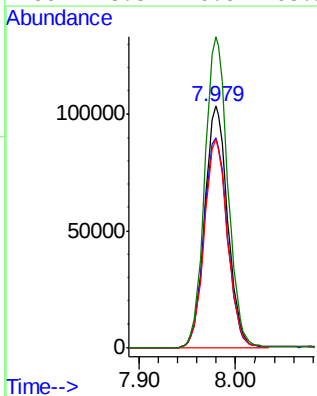
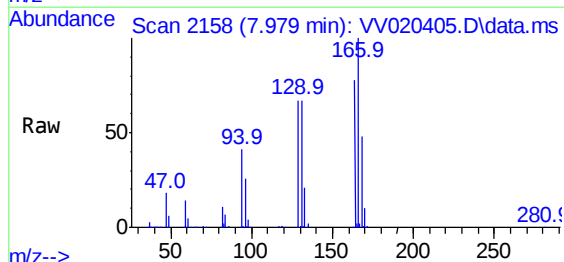
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.0	79.8
83	83.5	57.8	107.4
85	52.6	37.6	69.8

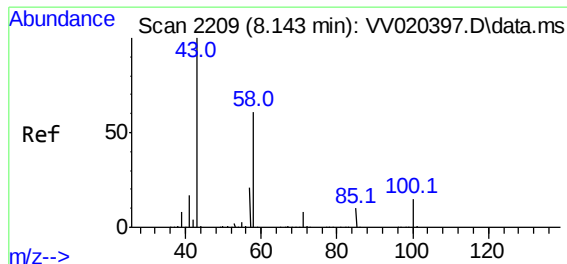


#46
Tetrachloroethene
Concen: 50.86 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 164 Resp: 169660

Ion	Ratio	Lower	Upper
164	100		
129	86.8	64.0	118.8
131	86.2	61.2	113.8
166	128.8	90.6	168.3

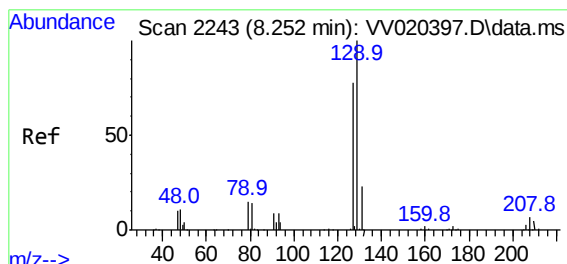
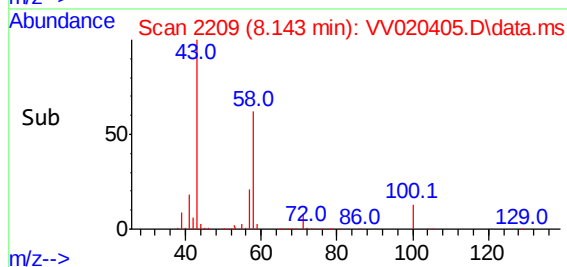
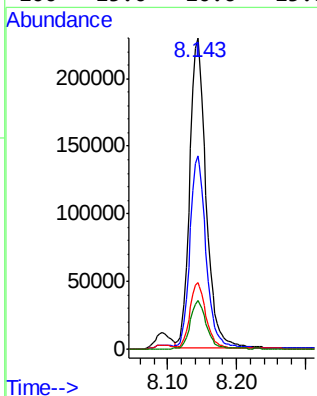
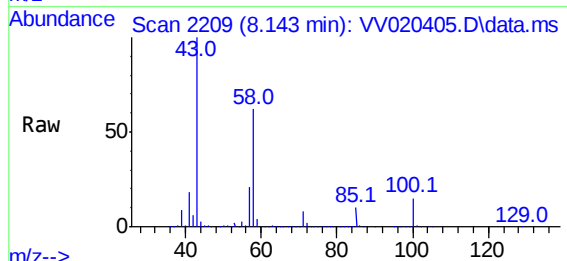




#48
2-Hexanone
Concen: 109.09 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

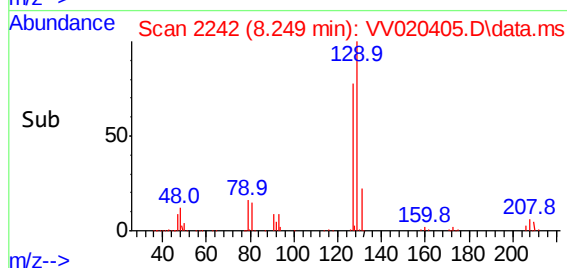
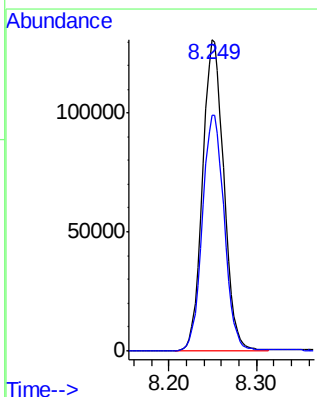
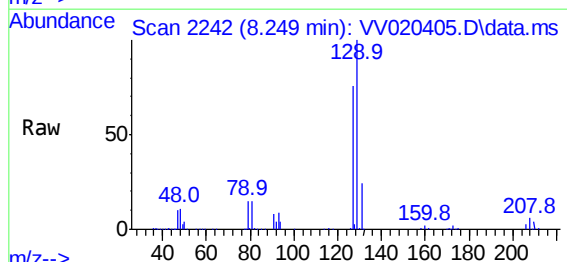
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

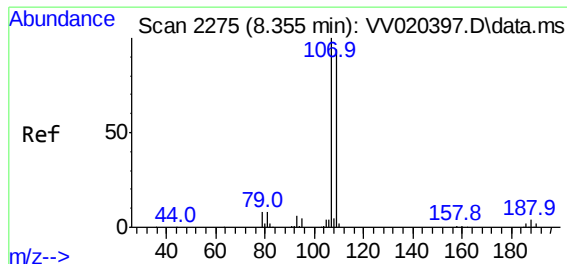
Tgt Ion: 43 Resp: 378855
Ion Ratio Lower Upper
43 100
58 62.6 45.3 67.9
57 20.9 15.8 23.6
100 15.0 10.6 15.8



#49
Dibromochloromethane
Concen: 53.38 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 129 Resp: 219729
Ion Ratio Lower Upper
129 100
127 75.8 54.7 101.7

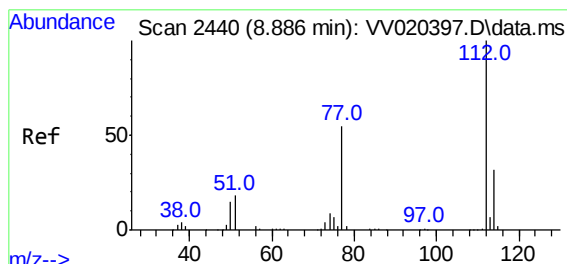
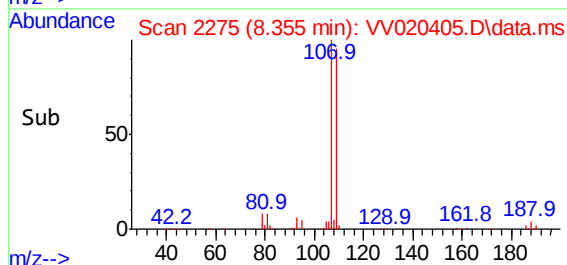
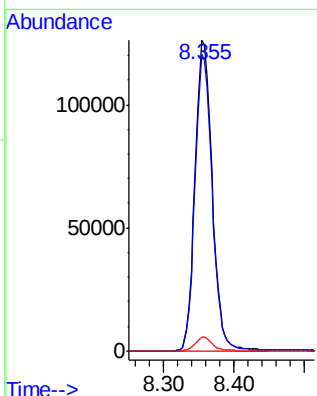
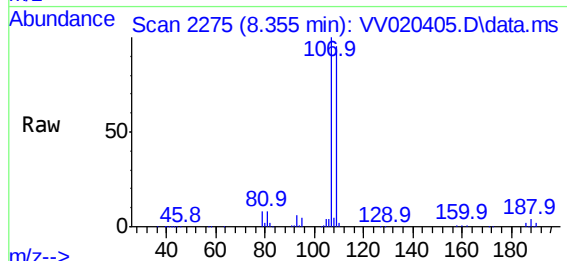




#50
1,2-Dibromoethane
Concen: 52.88 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

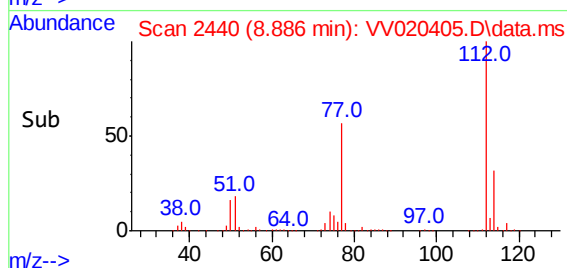
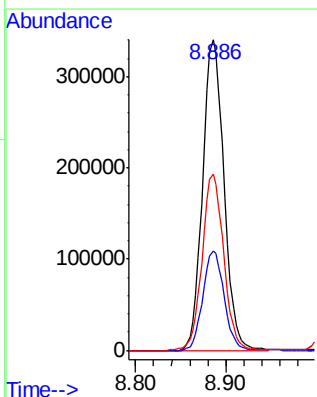
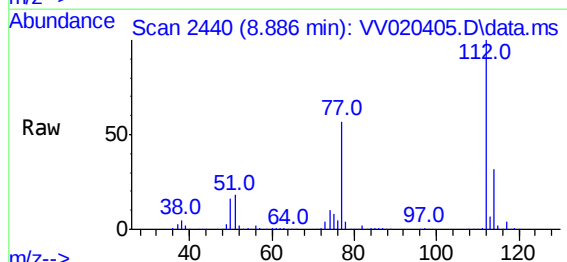
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

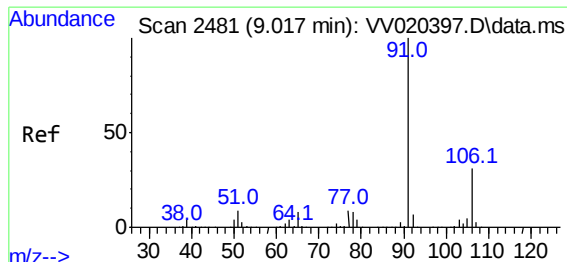
Tgt Ion:107 Resp: 214257
Ion Ratio Lower Upper
107 100
109 95.5 66.2 123.0
188 4.4 3.6 5.4



#51
Chlorobenzene
Concen: 50.99 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion:112 Resp: 556123
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 56.7 47.3 70.9

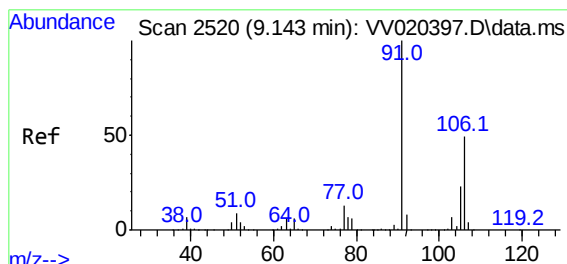
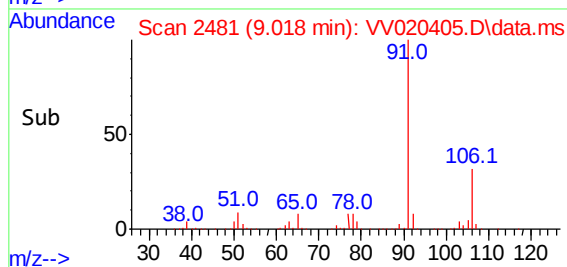
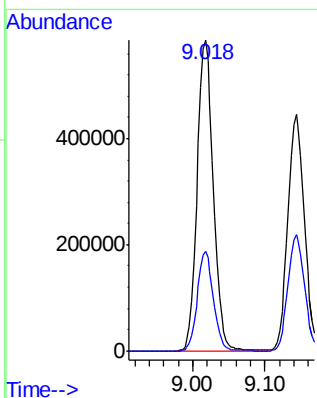
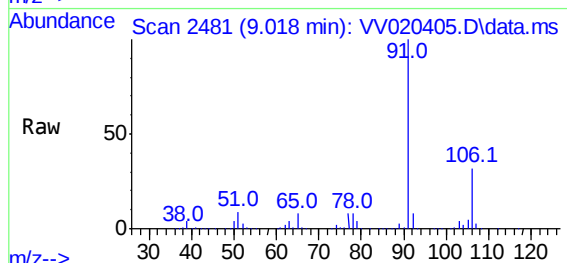




#52
Ethylbenzene
Concen: 52.54 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

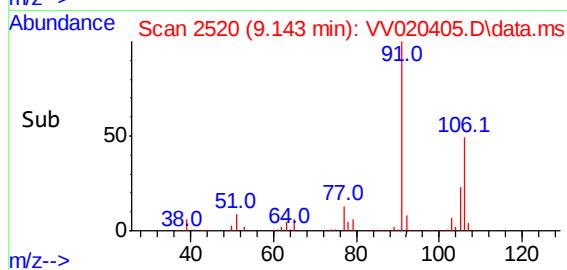
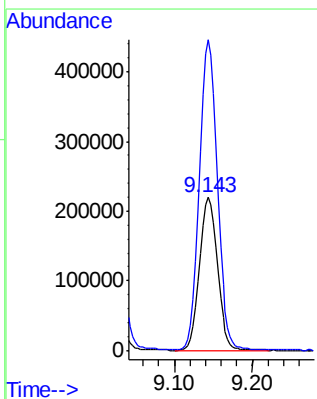
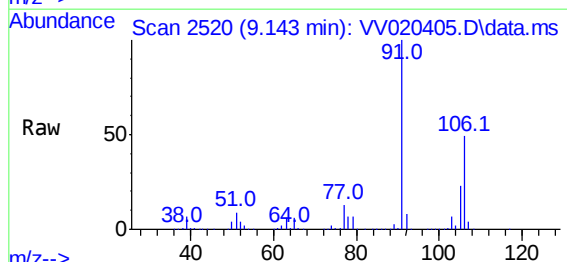
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

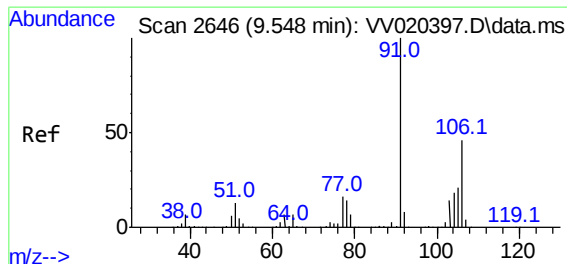
Tgt Ion: 91 Resp: 910141
Ion Ratio Lower Upper
91 100
106 31.9 21.3 39.6



#53
m,p-Xylene
Concen: 52.83 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 106 Resp: 349825
Ion Ratio Lower Upper
106 100
91 203.3 143.1 265.7

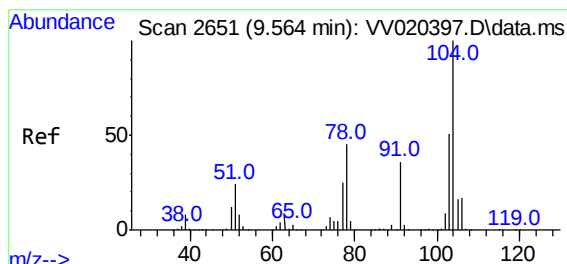
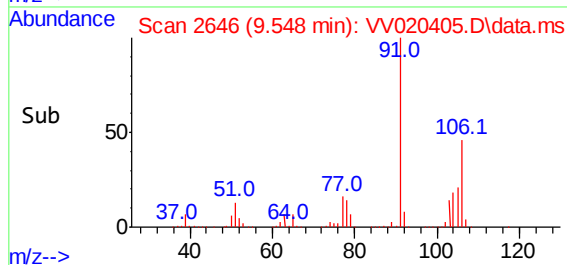
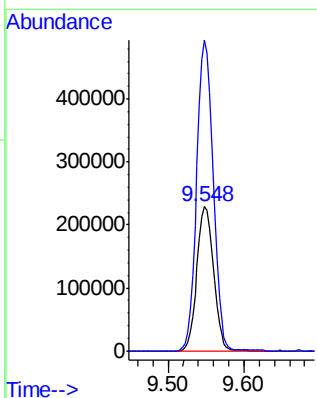
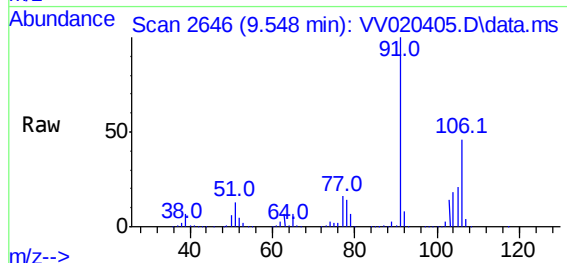




#54
o-Xylene
Concen: 53.41 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

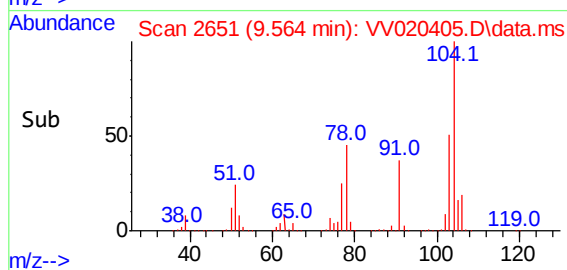
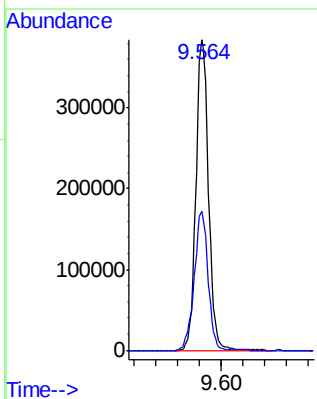
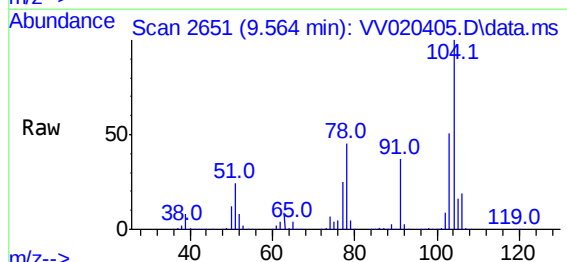
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

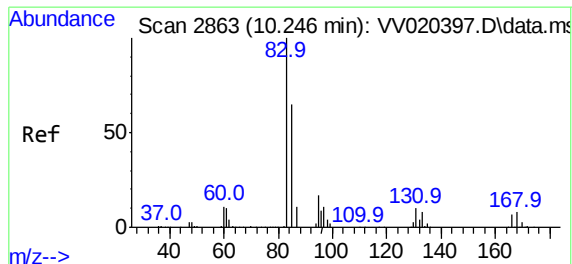
Tgt Ion:106 Resp: 347232
Ion Ratio Lower Upper
106 100
91 215.6 153.6 285.3



#55
Styrene
Concen: 54.58 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion:104 Resp: 609056
Ion Ratio Lower Upper
104 100
78 44.7 31.6 58.8

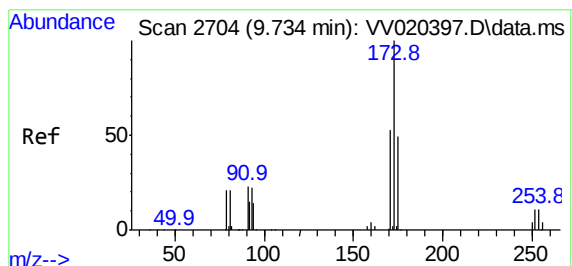
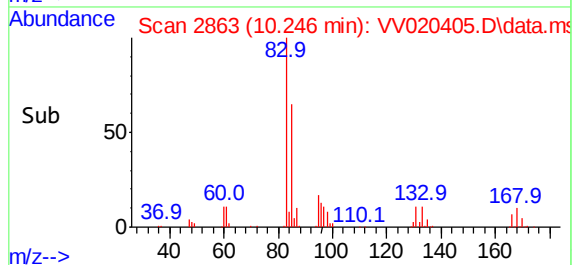
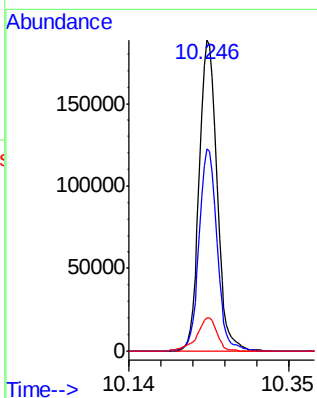
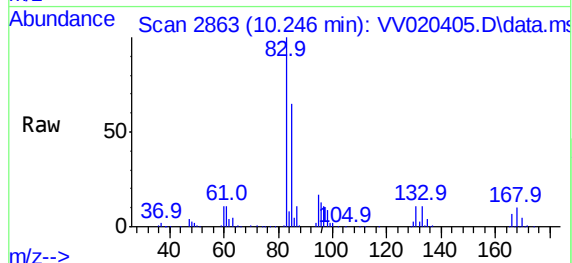




#57
1,1,2,2-Tetrachloroethane
Concen: 53.96 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

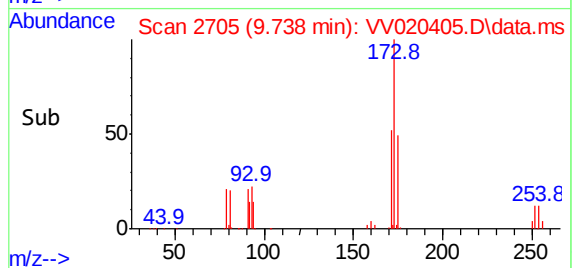
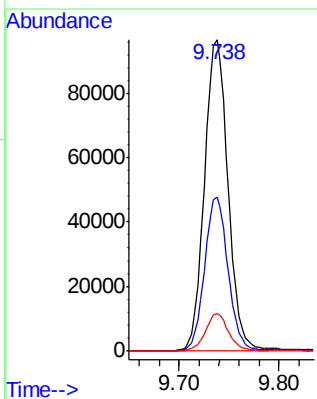
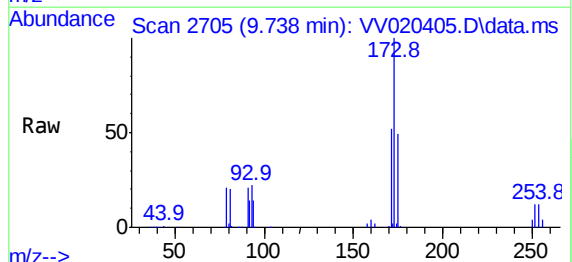
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

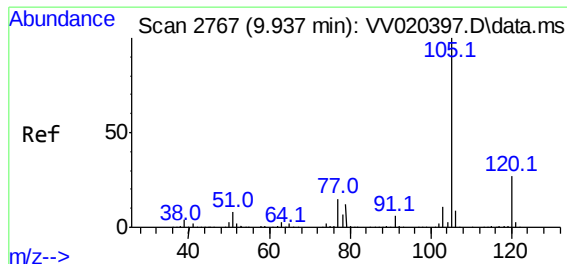
Tgt Ion: 83 Resp: 302920
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.4
131 10.7 8.6 12.8



#59
Bromoform
Concen: 53.64 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 173 Resp: 158040
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 11.4 9.5 14.3

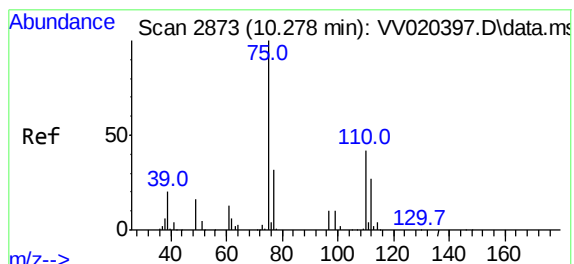
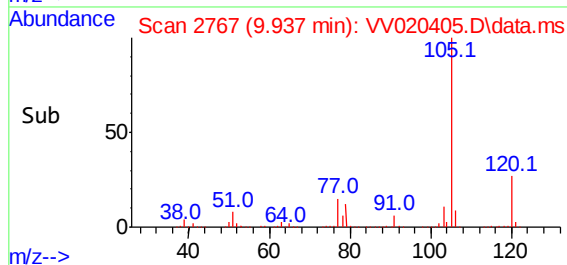
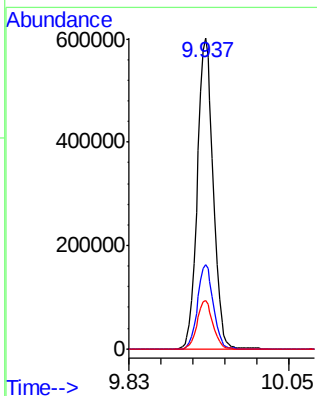
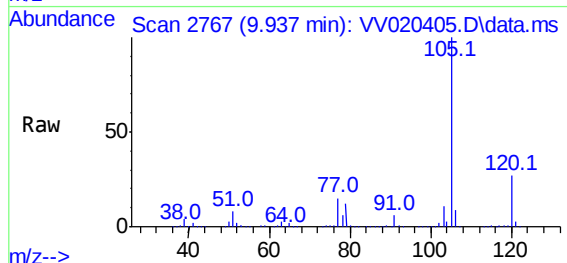




#60
Isopropylbenzene
Concen: 52.76 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

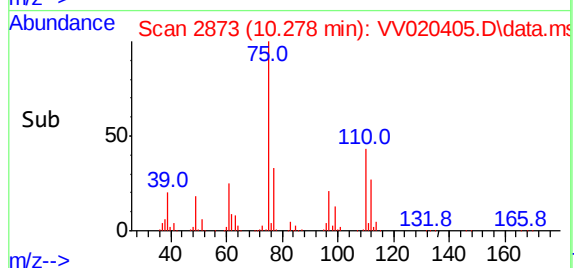
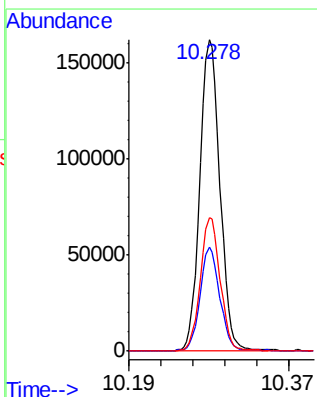
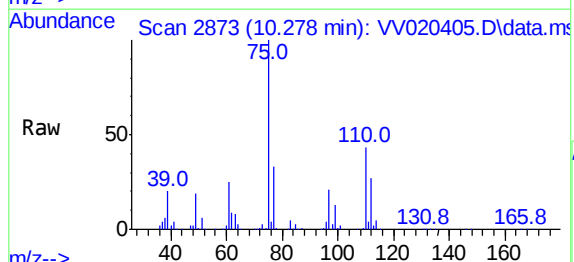
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

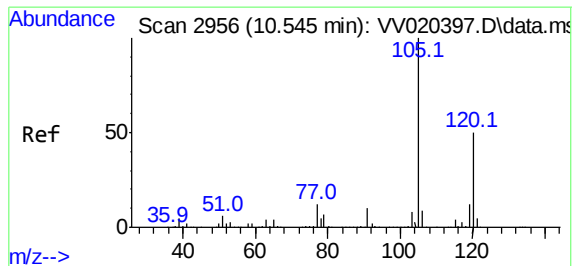
Tgt Ion:105 Resp: 910560
Ion Ratio Lower Upper
105 100
120 27.0 21.2 31.8
77 15.4 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 51.83 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion: 75 Resp: 256447
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 42.1 33.3 49.9

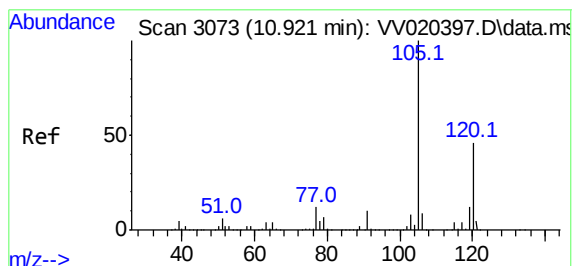
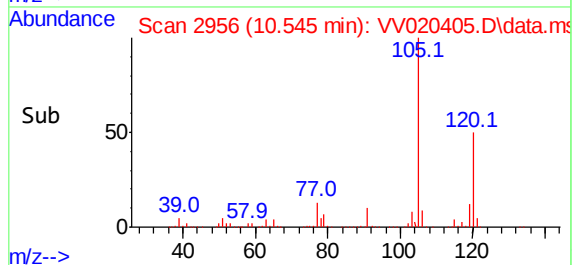
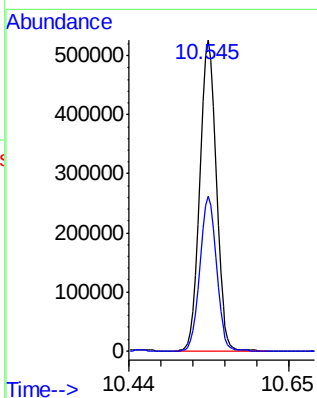
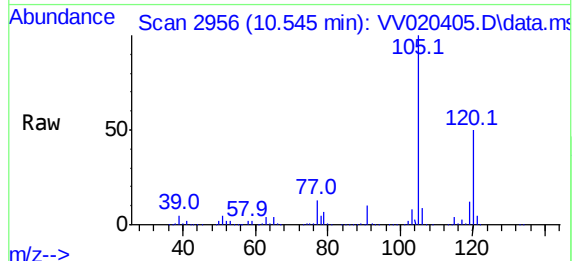




#62
1,3,5-Trimethylbenzene
Concen: 53.98 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

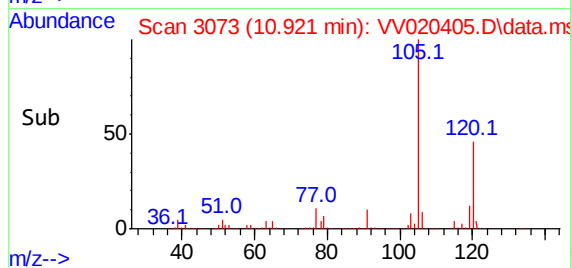
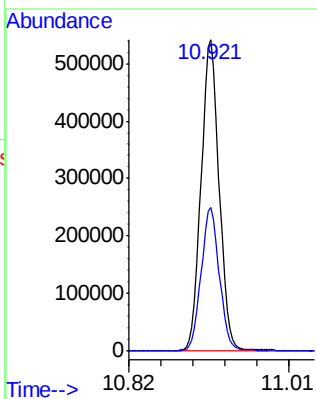
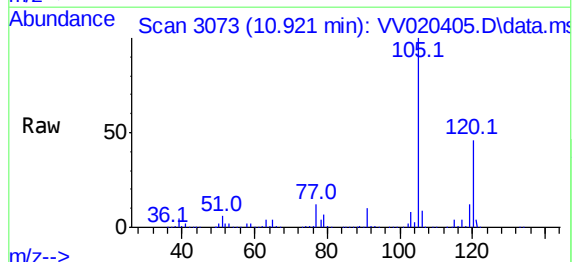
Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

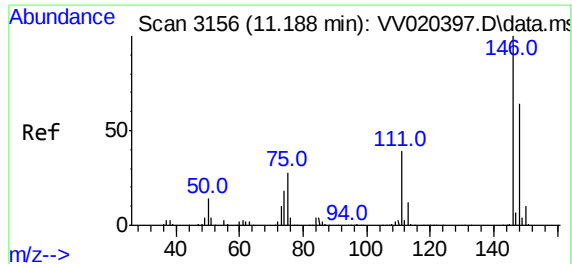
Tgt Ion:105 Resp: 763123
Ion Ratio Lower Upper
105 100
120 49.8 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 54.83 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion:105 Resp: 794378
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.6

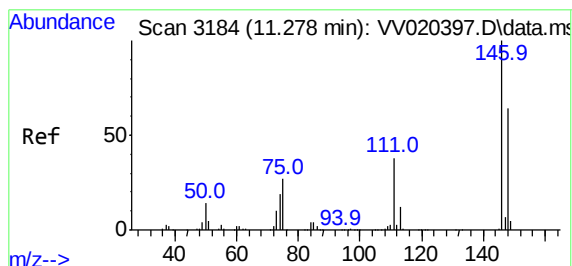
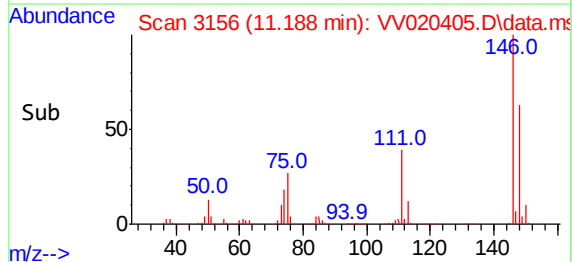
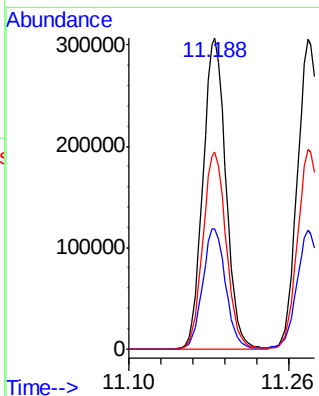
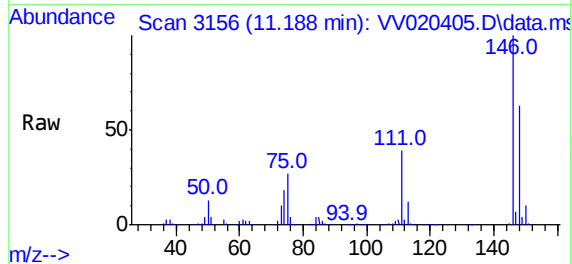




#64
1,3-Dichlorobenzene
Concen: 51.84 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

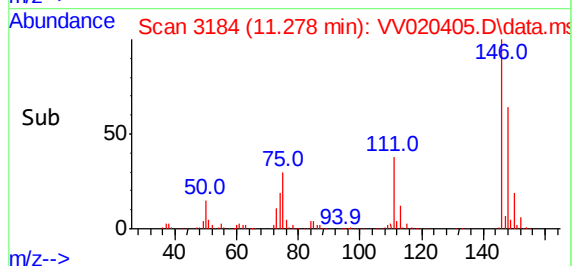
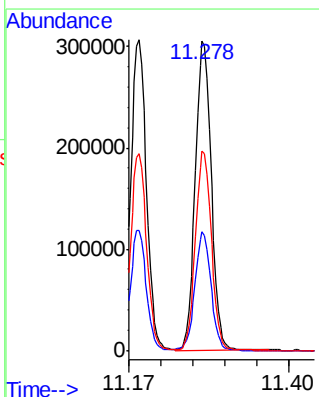
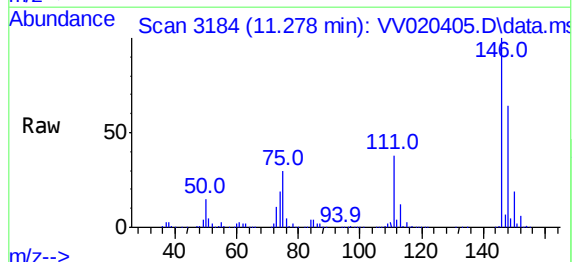
Instrument :
MSVOA_V
ClientSampled :
VSTD050169

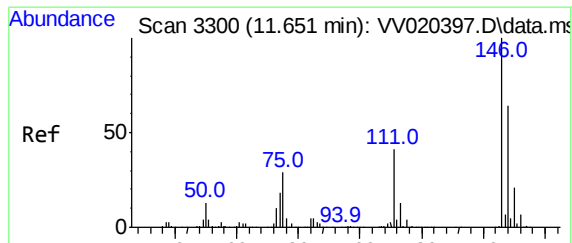
Tgt Ion:146 Resp: 470431
Ion Ratio Lower Upper
146 100
111 38.8 27.4 51.0
148 63.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 50.78 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

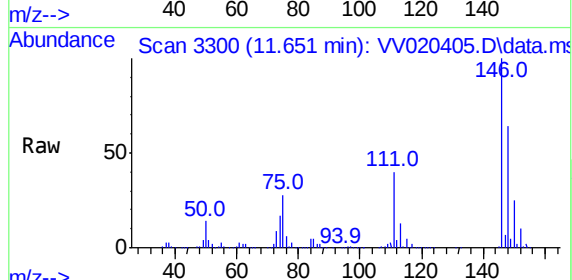
Tgt Ion:146 Resp: 479139
Ion Ratio Lower Upper
146 100
111 38.3 26.1 48.5
148 64.4 44.6 82.8





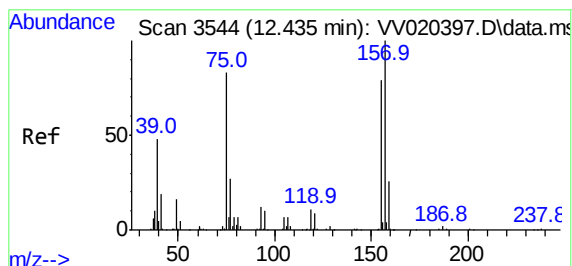
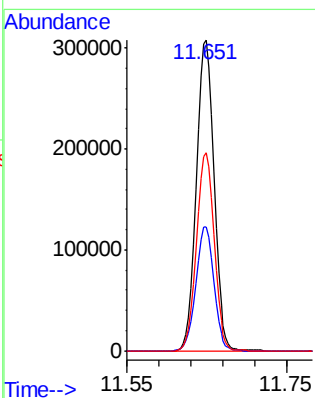
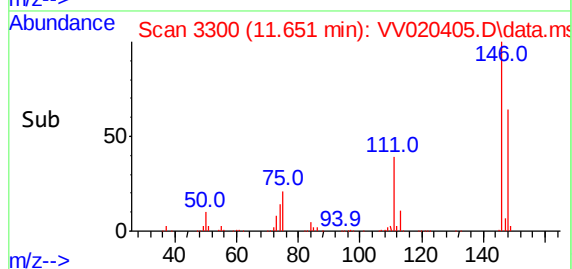
#67
 1,2-Dichlorobenzene
 Concen: 52.93 ug/L
 RT: 11.651 min Scan# 3300
 Delta R.T. 0.000 min
 Lab File: VV020405.D
 Acq: 24 Feb 2021 21:03

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050169

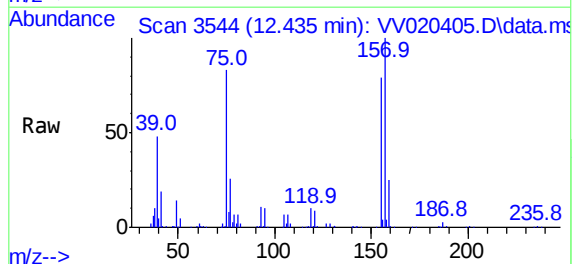


Tgt Ion:146 Resp: 480041

Ion	Ratio	Lower	Upper
146	100		
111	40.0	32.4	48.6
148	63.8	51.0	76.4

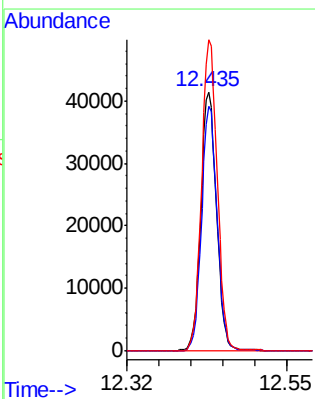
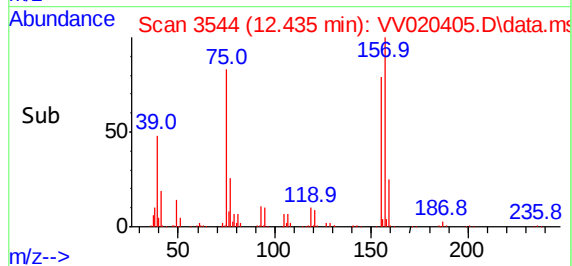


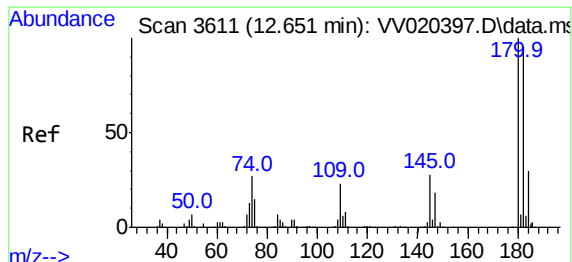
#68
 1,2-Dibromo-3-chloropropane
 Concen: 56.46 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.000 min
 Lab File: VV020405.D
 Acq: 24 Feb 2021 21:03



Tgt Ion: 75 Resp: 64896

Ion	Ratio	Lower	Upper
75	100		
155	94.7	74.1	111.1
157	120.3	95.8	143.8

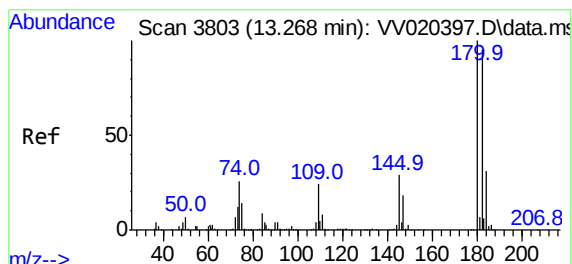
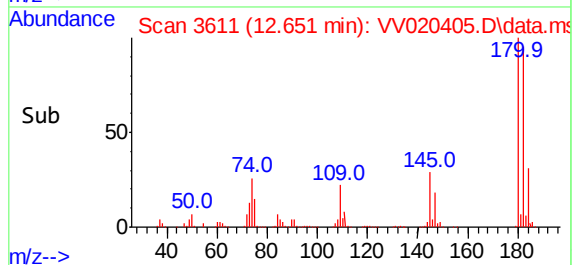
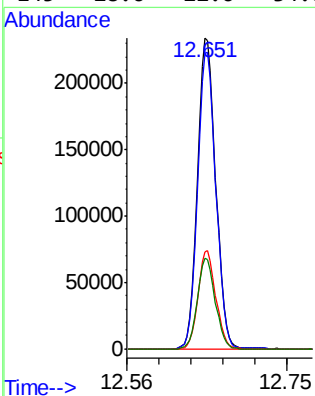
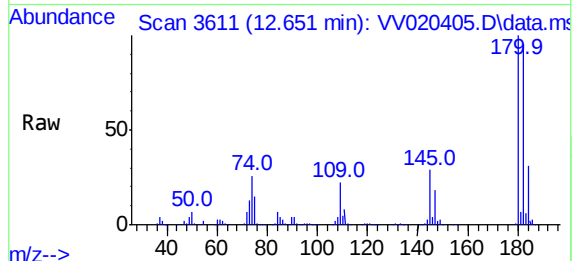




#69
 1,3,5-Trichlorobenzene
 Concen: 50.85 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: VV020405.D
 Acq: 24 Feb 2021 21:03

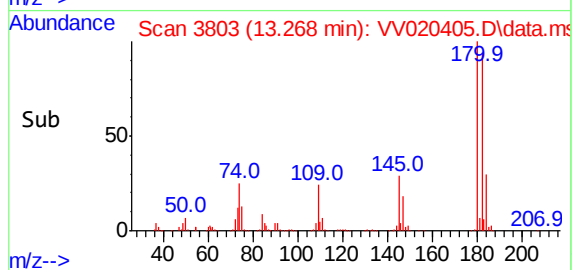
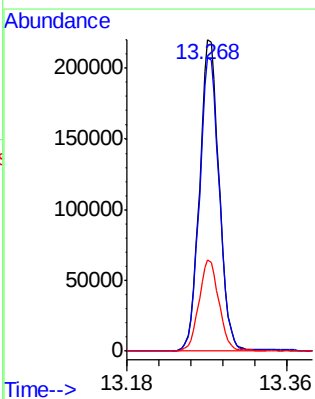
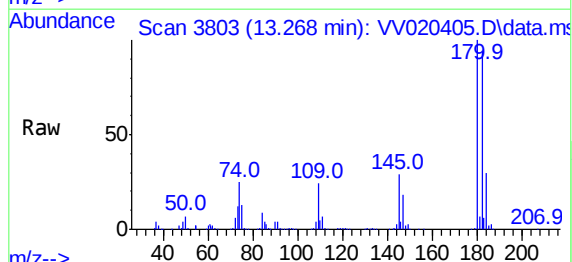
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050169

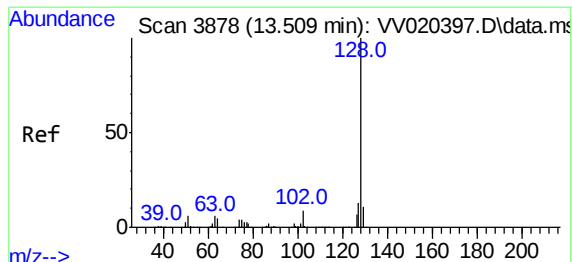
Tgt Ion:180 Resp: 359853
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.1 114.1
 184 30.7 24.1 36.1
 145 28.6 22.6 34.0



#70
 1,2,4-trichlorobenzene
 Concen: 53.09 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV020405.D
 Acq: 24 Feb 2021 21:03

Tgt Ion:180 Resp: 326158
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.1 115.7
 145 29.4 23.4 35.2

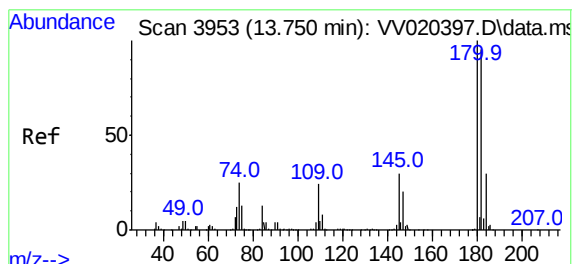
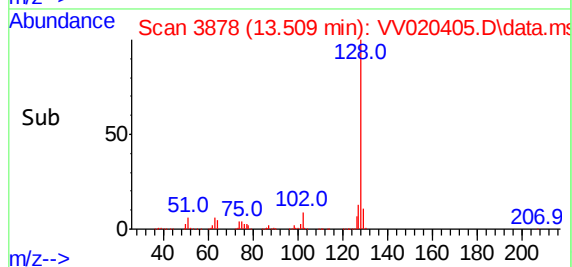
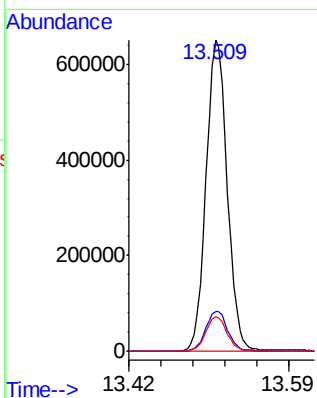
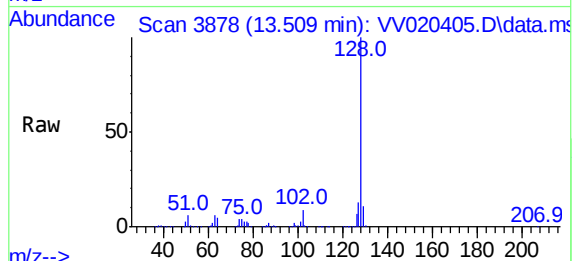




#71
Naphthalene
Concen: 58.08 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD050169

Tgt Ion:128 Resp: 986207
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 54.61 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020405.D
Acq: 24 Feb 2021 21:03

Tgt Ion:180 Resp: 337238
Ion Ratio Lower Upper
180 100
182 94.9 76.6 114.8
145 30.6 24.5 36.7

