

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020399.D
 Acq On : 24 Feb 2021 16:20
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200161

Quant Time: Feb 24 17:33:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:31:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	652734	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	647122	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	381518	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	615150	148.71	ug/L	0.00
7) Chloroethane-d5	1.568	69	534422	161.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1261751	183.34	ug/L	0.00
21) 2-Butanone-d5	3.886	46	993039	363.47	ug/L	0.00
24) Chloroform-d	4.349	84	1420084	180.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	887898	177.69	ug/L	0.00
32) Benzene-d6	5.053	84	2728985	172.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	854402	167.78	ug/L	0.00
41) Toluene-d8	7.320	98	2676573	178.08	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	470555	190.16	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	847111	396.56	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	1303163	182.90	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	1285546	183.05	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	996152	210.70	ug/L	100
3) Chloromethane	1.240	50	870418	170.96	ug/L	99
5) Vinyl chloride	1.311	62	961821	204.91	ug/L	100
6) Bromomethane	1.523	94	627471	232.94	ug/L	100
8) Chloroethane	1.584	64	567135	196.86	ug/L	97
9) Trichlorofluoromethane	1.751	101	1408526	205.96	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	762211	209.67	ug/L	94
12) 1,1-Dichloroethene	2.118	96	738703	216.00	ug/L	92
13) Acetone	2.182	43	656590	369.60	ug/L	100
14) Carbon disulfide	2.291	76	1988629	203.68	ug/L	100
15) Methyl Acetate	2.433	43	738783	188.74	ug/L	99
16) Methylene chloride	2.507	84	803554	197.05	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	780195	204.99	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	2433866	204.20	ug/L	98
19) 1,1-Dichloroethane	3.191	63	1391303	197.87	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	889238	208.49	ug/L	91
22) 2-Butanone	3.970	43	1078431	387.38	ug/L	91
23) Bromochloromethane	4.249	128	473218	202.15	ug/L	90
25) Chloroform	4.378	83	1516275	198.30	ug/L	98
27) 1,2-Dichloroethane	5.134	62	1126974	190.15	ug/L	99
29) Cyclohexane	4.680	56	1151083	180.86	ug/L	94
30) 1,1,1-Trichloroethane	4.609	97	1349125	189.24	ug/L	97
31) Carbon tetrachloride	4.831	117	1191060	192.67	ug/L	100
33) Benzene	5.101	78	3169423	187.34	ug/L	100
34) Trichloroethene	5.915	95	891608	187.33	ug/L	97
35) Methylcyclohexane	6.133	83	1266029	184.13	ug/L	95
37) 1,2-Dichloropropane	6.175	63	810145	178.65	ug/L	100
38) Bromodichloromethane	6.513	83	1151981	187.79	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	1389510	204.30	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	2112089	348.06	ug/L #	93
42) Toluene	7.391	91	3567932	194.40	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	1379997	210.07	ug/L	99

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

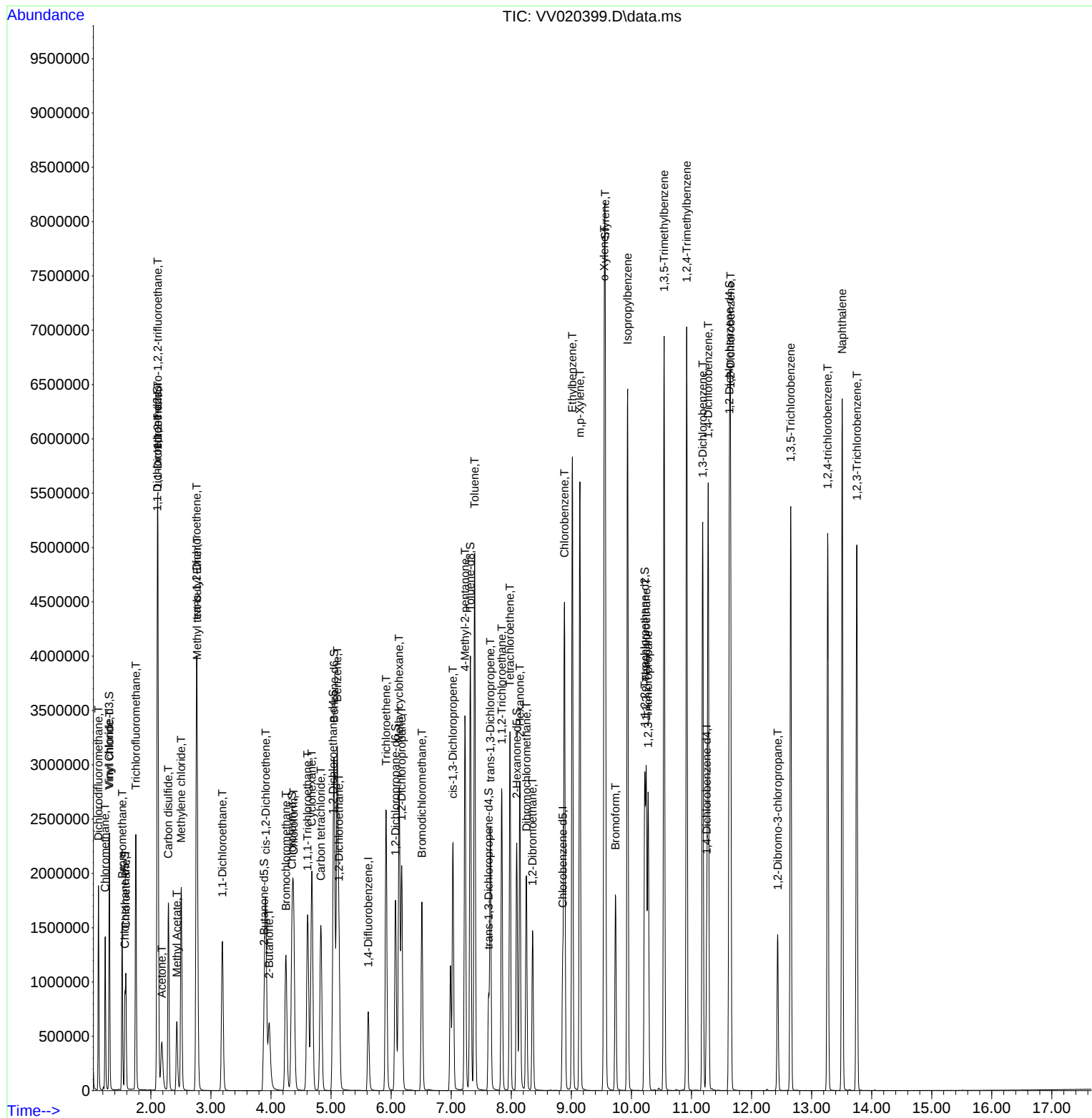
45) 1,1,2-Trichloroethane	7.841	97	854152	194.59	ug/L	98
46) Tetrachloroethene	7.979	164	750967	193.76	ug/L	100
48) 2-Hexanone	8.143	43	1632038	375.24	ug/L #	93
49) Dibromochloromethane	8.252	129	1021092	209.85	ug/L	100
50) 1,2-Dibromoethane	8.355	107	947599	203.13	ug/L	99
51) Chlorobenzene	8.886	112	2437378	199.70	ug/L	97
52) Ethylbenzene	9.018	91	4052387	201.33	ug/L	97
53) m,p-Xylene	9.143	106	1584405	205.89	ug/L	95
54) o-Xylene	9.548	106	1565902	206.23	ug/L	94
55) Styrene	9.564	104	2752432	210.04	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	1356642	191.04	ug/L	100
59) Bromoform	9.735	173	794988	193.04	ug/L	100
60) Isopropylbenzene	9.937	105	4176722	190.55	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	1118220	182.92	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	3633337	195.32	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	3758784	204.79	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	2166868	195.67	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	2193262	192.32	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	2154348	193.10	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	337949	196.04	ug/L	97
69) 1,3,5-Trichlorobenzene	12.654	180	1725518	186.98	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	1614889	191.69	ug/L	100
71) Naphthalene	13.509	128	4864942	204.55	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	1589683	188.82	ug/L	99

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

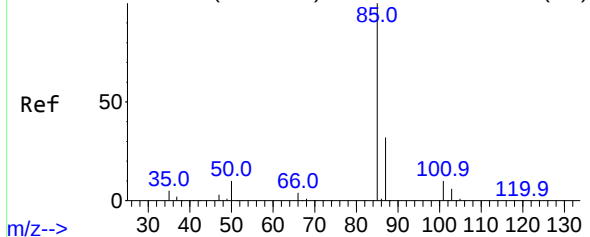
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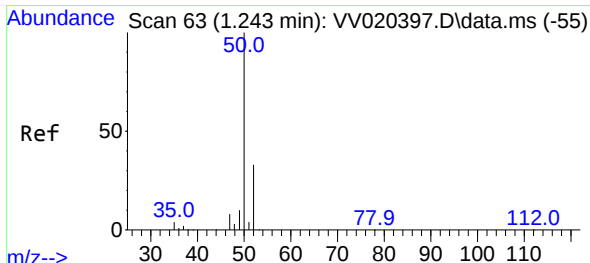
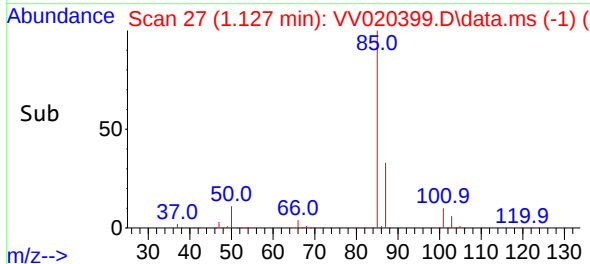
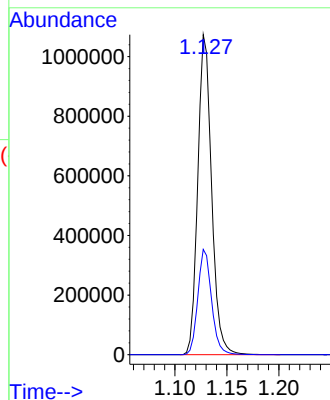
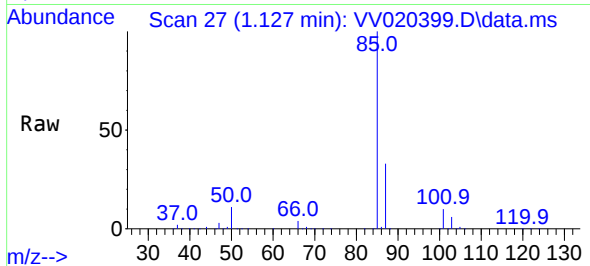
Abundance Scan 28 (1.130 min): VV020397.D\data.ms (-21)



#2
Dichlorodifluoromethane
Concen: 210.70 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

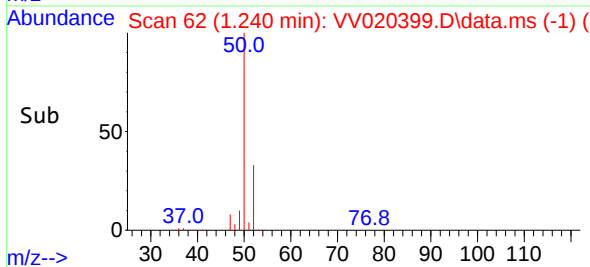
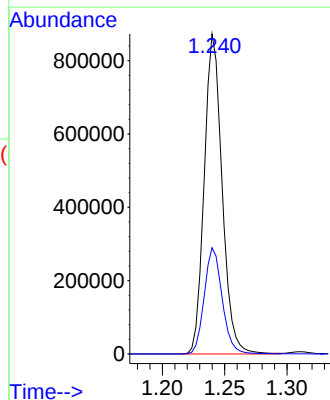
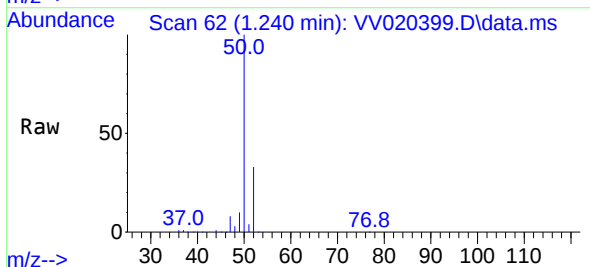
Tgt Ion: 85 Resp: 996152
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.2

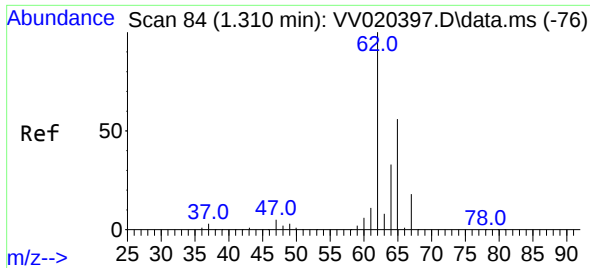
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#3
Chloromethane
Concen: 170.96 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 50 Resp: 870418
Ion Ratio Lower Upper
50 100
52 33.2 22.9 42.5

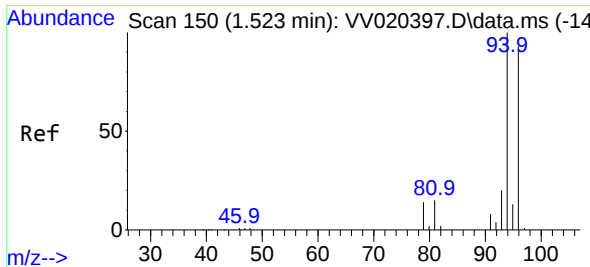
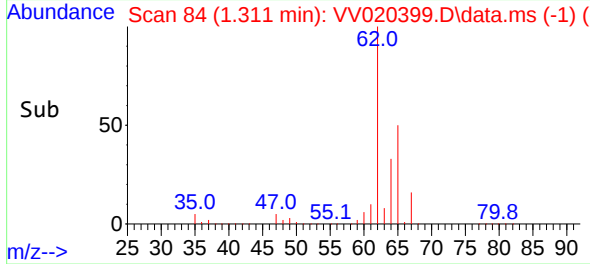
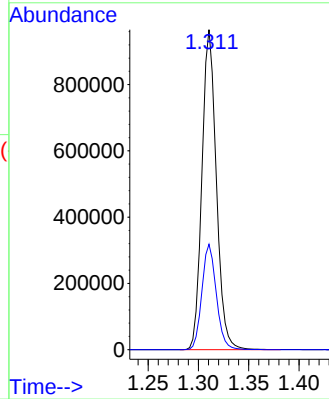
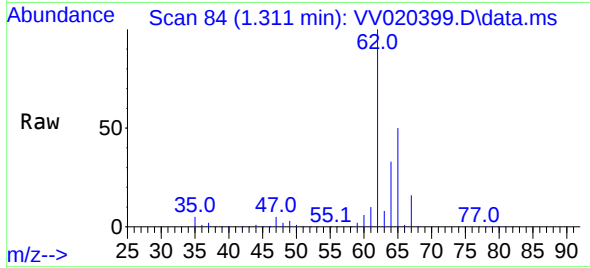




#5
 Vinyl chloride
 Concen: 204.91 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020399.D
 Acq: 24 Feb 2021 16:20

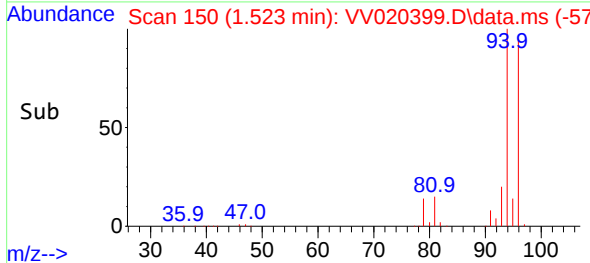
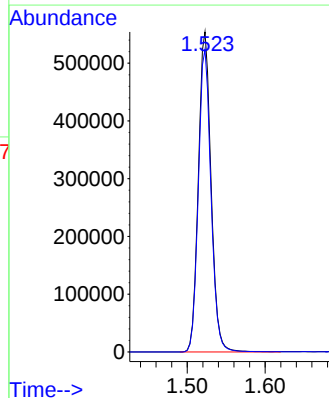
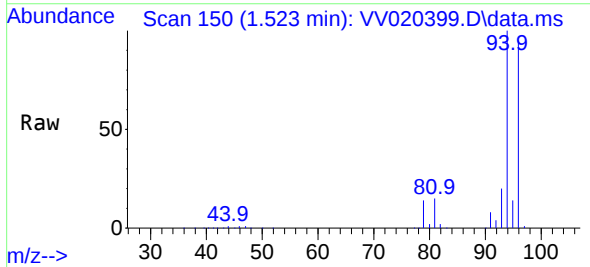
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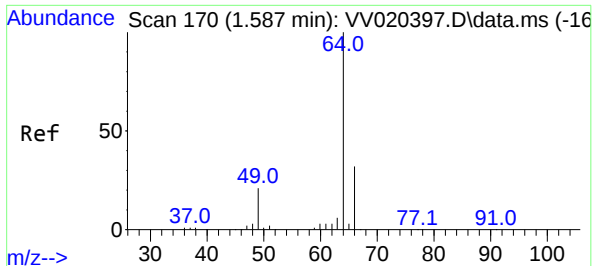
Tgt Ion: 62 Resp: 961821
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 232.94 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020399.D
 Acq: 24 Feb 2021 16:20

Tgt Ion: 94 Resp: 627471
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.9 122.5

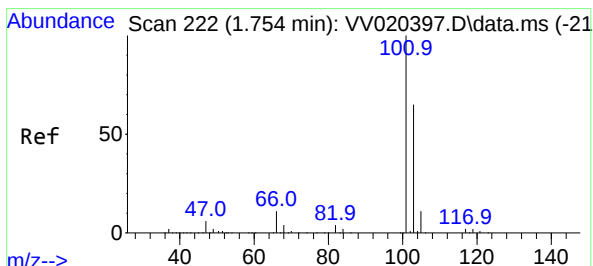
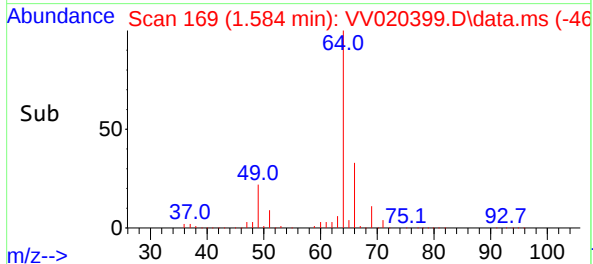
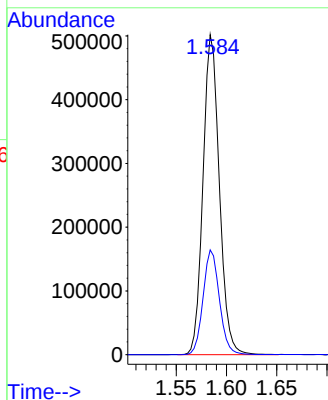
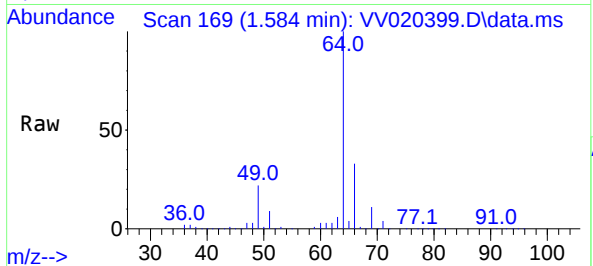




#8
Chloroethane
Concen: 196.86 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

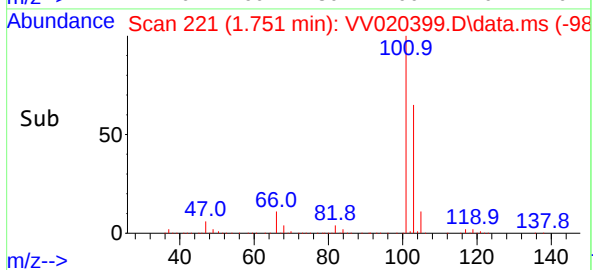
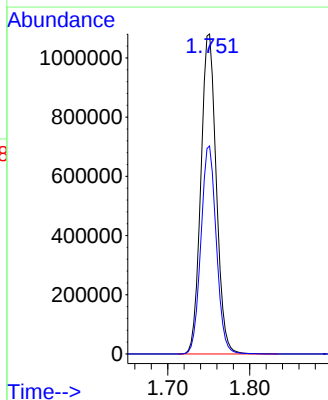
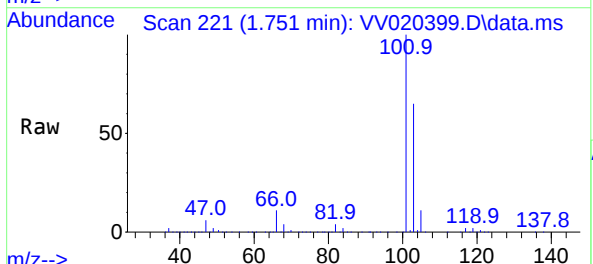
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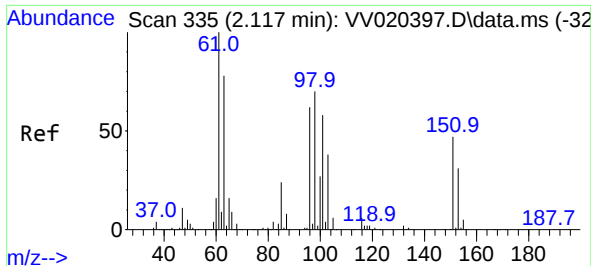
Tgt Ion: 64 Resp: 567135
Ion Ratio Lower Upper
64 100
66 32.8 21.8 40.4



#9
Trichlorofluoromethane
Concen: 205.96 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion:101 Resp: 1408526
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

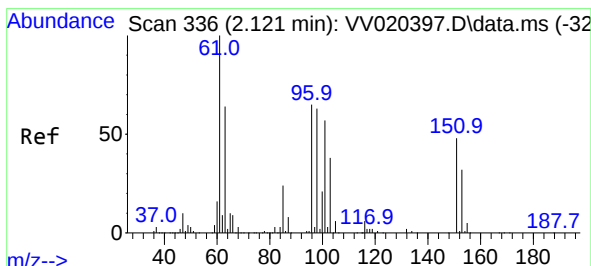
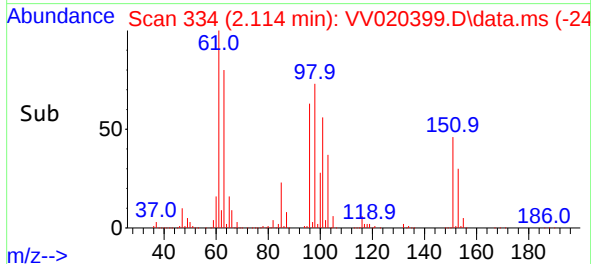
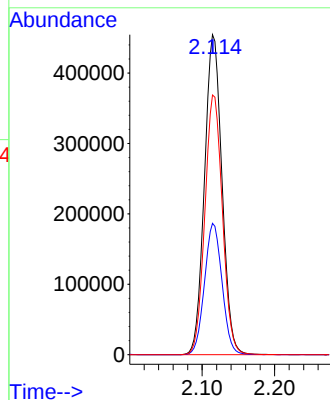
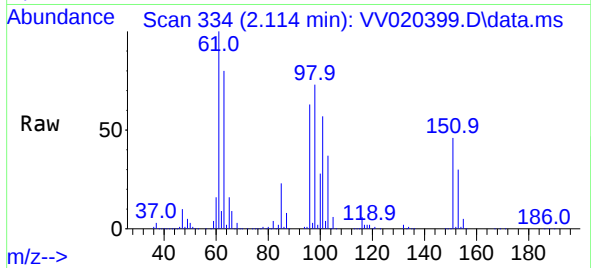




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 209.67 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

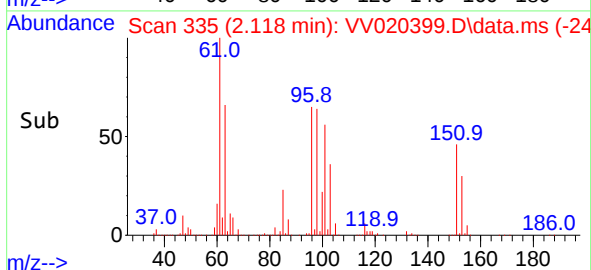
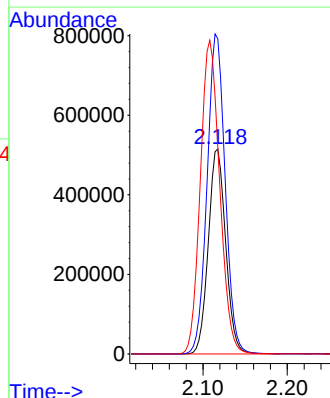
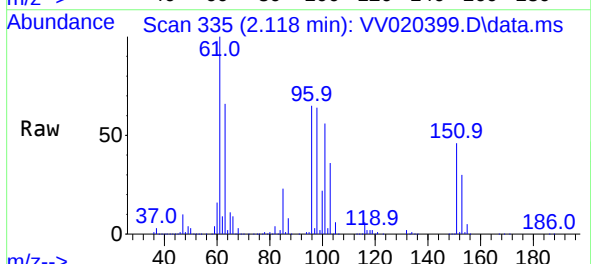
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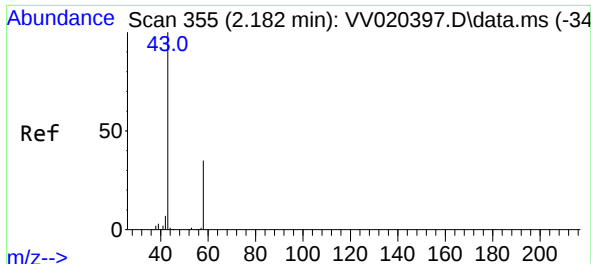
Tgt Ion:101 Resp: 762211
Ion Ratio Lower Upper
101 100
85 41.1 32.4 48.6
151 81.5 71.0 106.6



#12
1,1-Dichloroethene
Concen: 216.00 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 96 Resp: 738703
Ion Ratio Lower Upper
96 100
61 153.8 110.9 206.1
63 101.0 82.1 152.5

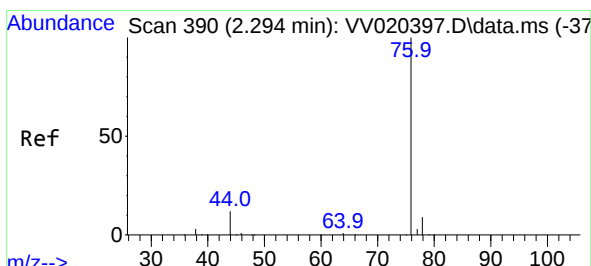
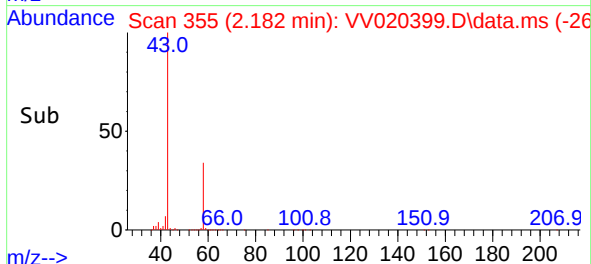
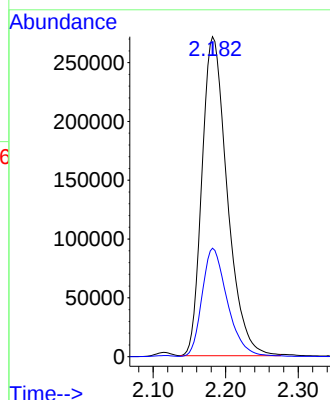
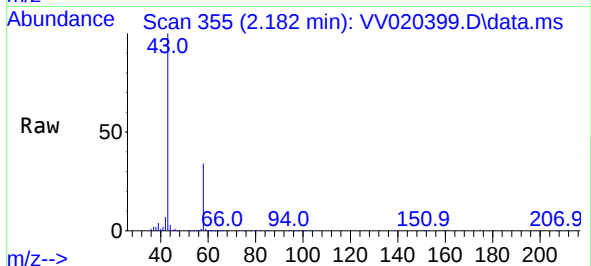




#13
Acetone
Concen: 369.60 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

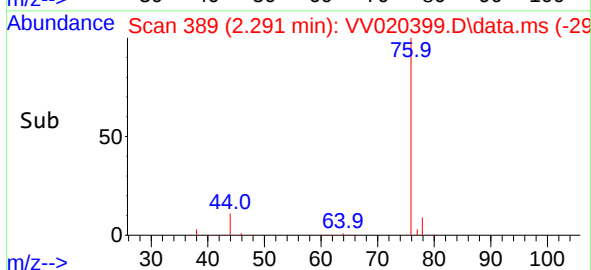
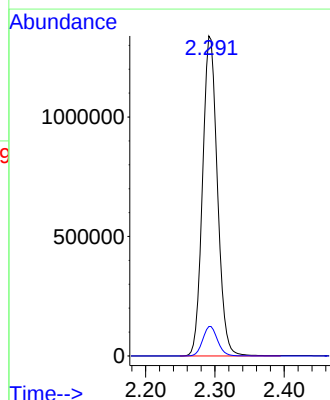
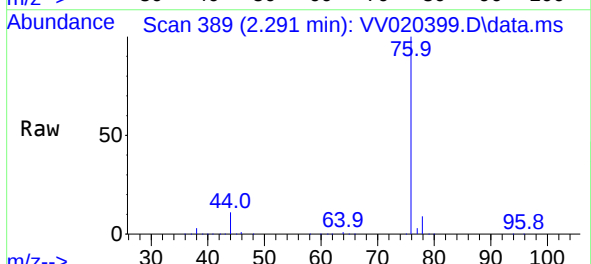
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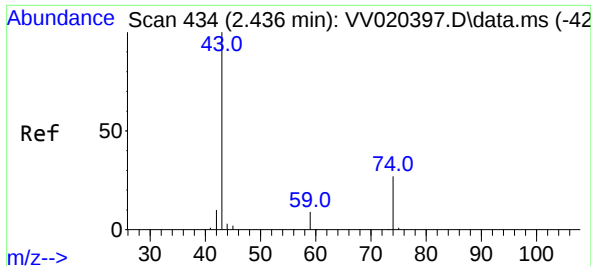
Tgt Ion: 43 Resp: 656590
Ion Ratio Lower Upper
43 100
58 34.2 0.0 68.0



#14
Carbon disulfide
Concen: 203.68 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
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Acq: 24 Feb 2021 16:20

Tgt Ion: 76 Resp: 1988629
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

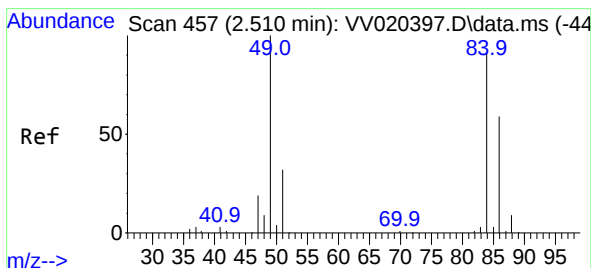
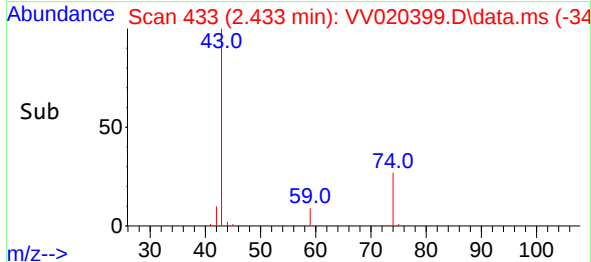
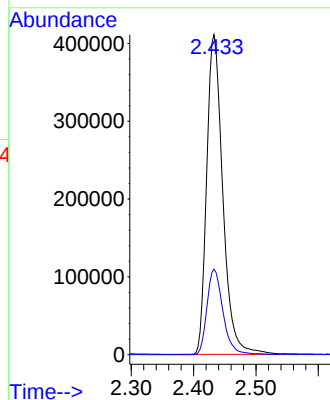
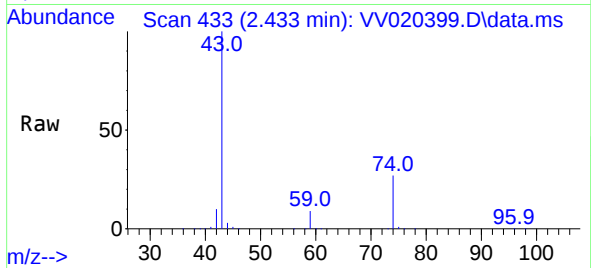




#15
Methyl Acetate
Concen: 188.74 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

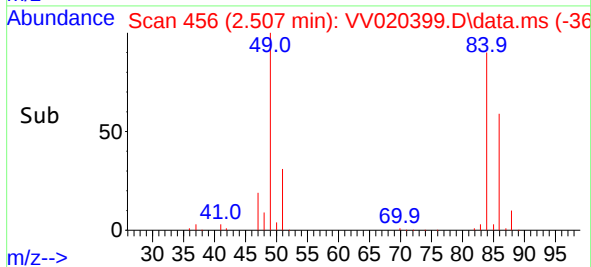
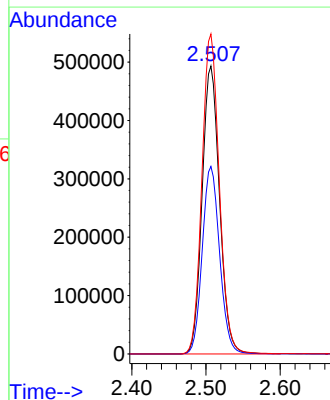
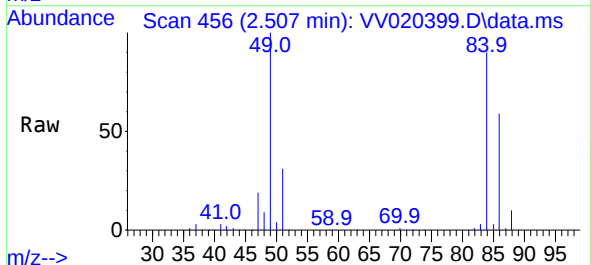
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

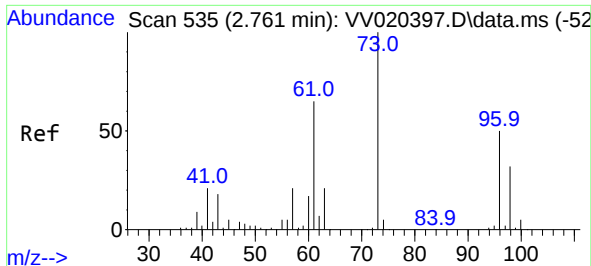
Tgt Ion: 43 Resp: 738783
Ion Ratio Lower Upper
43 100
74 26.4 20.6 30.8



#16
Methylene chloride
Concen: 197.05 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 84 Resp: 803554
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 111.1 78.5 145.7

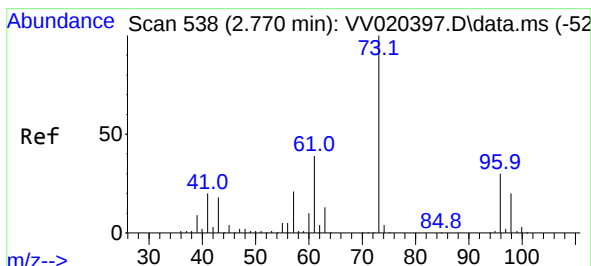
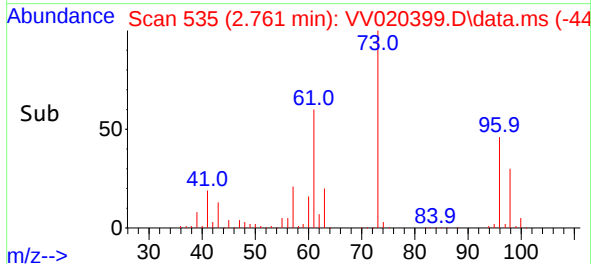
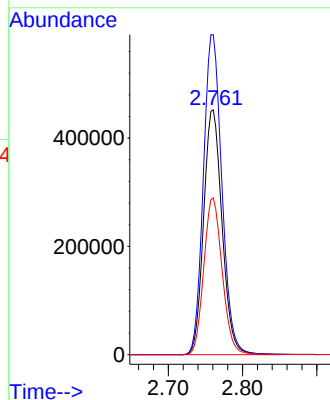
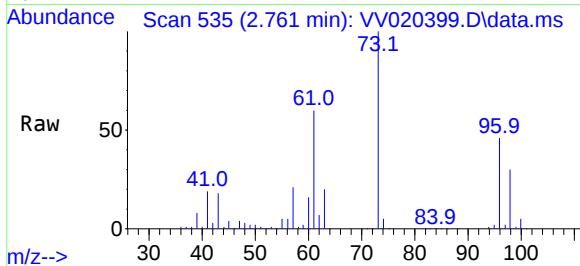




#17
trans-1,2-Dichloroethene
Concen: 204.99 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

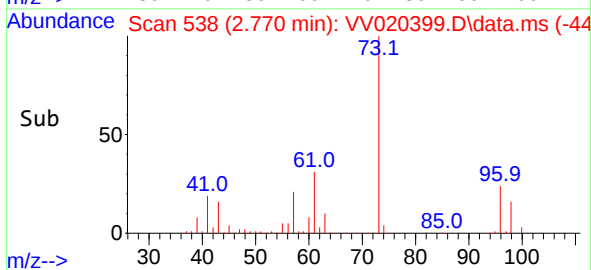
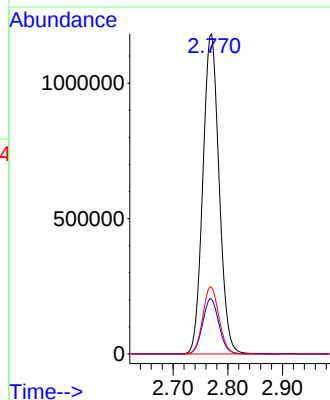
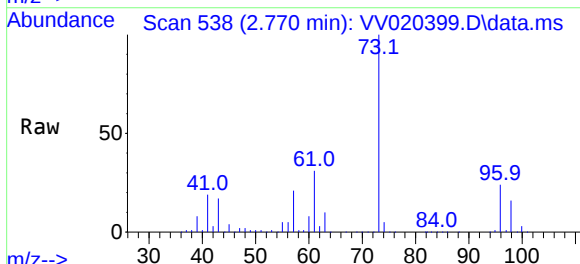
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

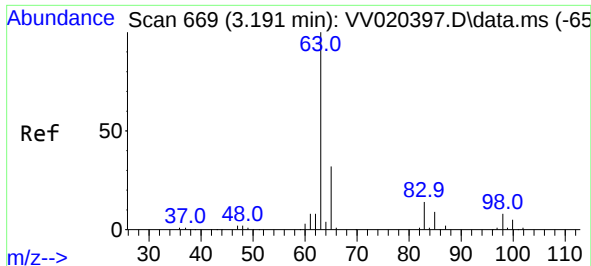
Tgt Ion: 96 Resp: 780195
Ion Ratio Lower Upper
96 100
61 130.7 92.0 170.9
98 64.0 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 204.20 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 73 Resp: 2433866
Ion Ratio Lower Upper
73 100
43 17.2 15.0 22.6
57 21.0 17.2 25.8



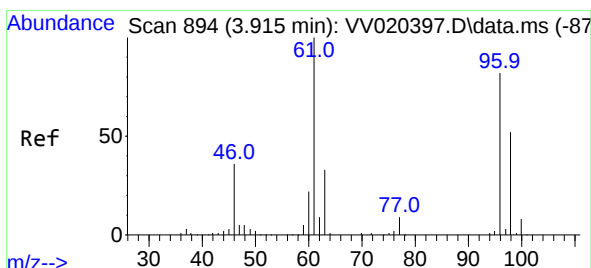
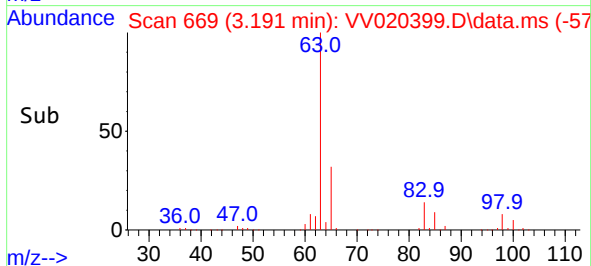
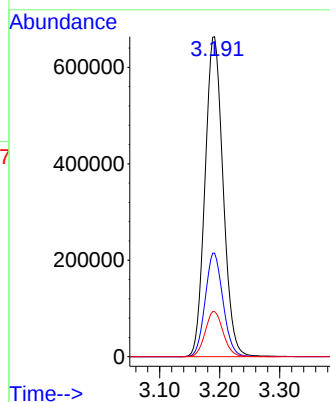
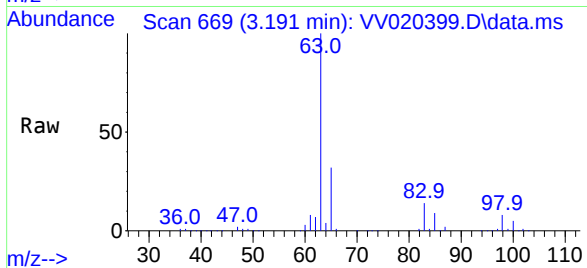


#19
1,1-Dichloroethane
Concen: 197.87 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

Tgt Ion: 63 Resp: 1391303

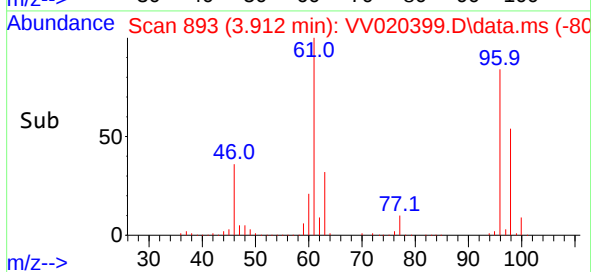
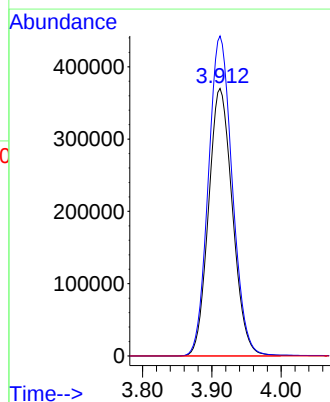
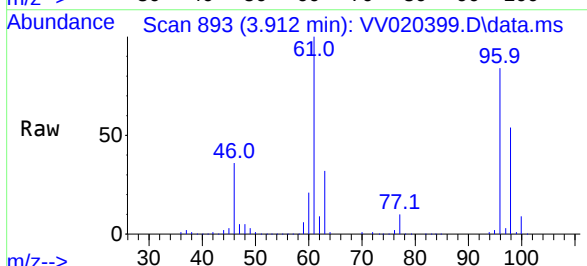
Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.8	40.4
83	14.1	9.4	17.4

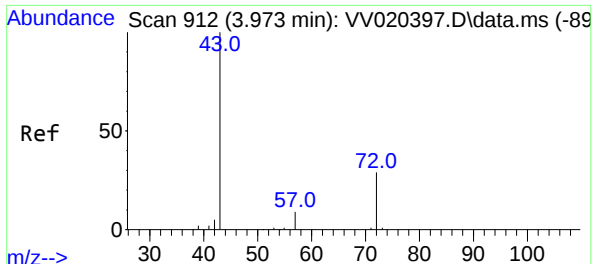


#20
cis-1,2-Dichloroethene
Concen: 208.49 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 96 Resp: 889238

Ion	Ratio	Lower	Upper
96	100		
61	119.6	90.6	168.3
68	0.0	0.0	0.0

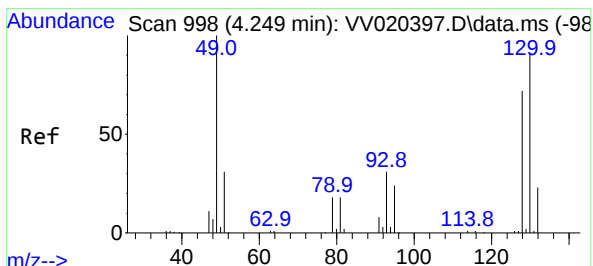
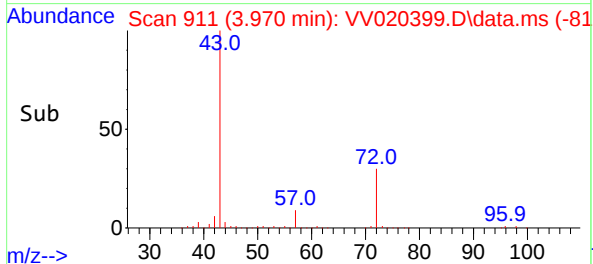
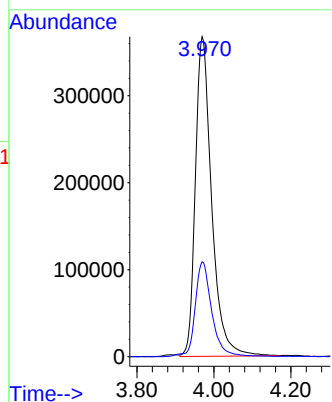
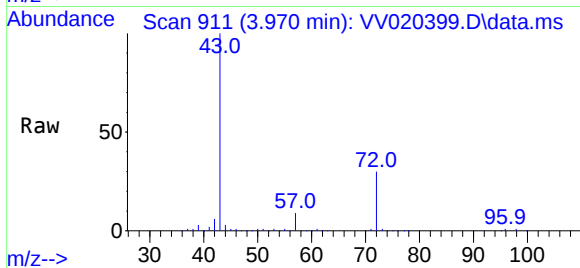




#22
2-Butanone
Concen: 387.38 ug/L
RT: 3.970 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

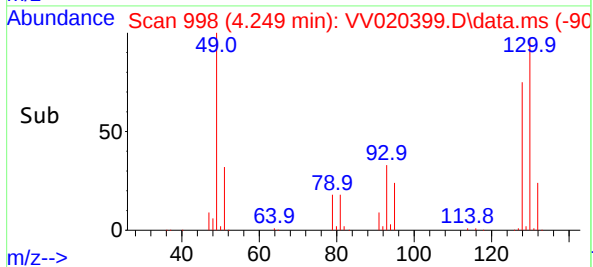
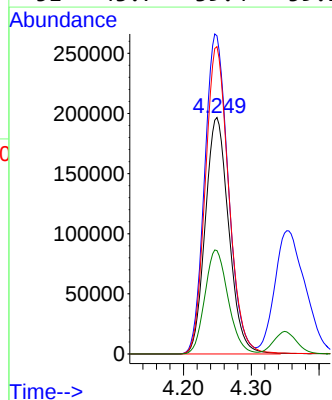
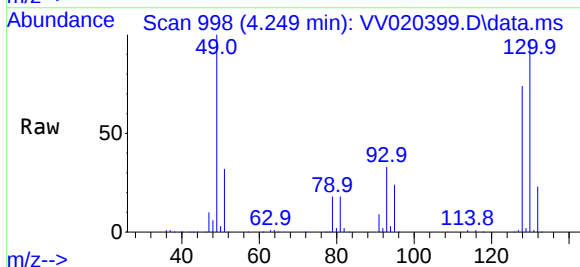
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

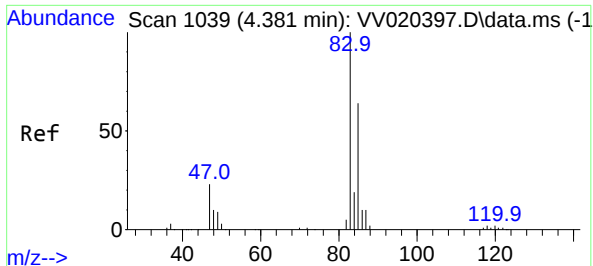
Tgt Ion: 43 Resp: 1078431
Ion Ratio Lower Upper
43 100
72 30.2 12.7 38.1



#23
Bromochloromethane
Concen: 202.15 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 128 Resp: 473218
Ion Ratio Lower Upper
128 100
49 134.6 109.8 203.8
130 130.0 92.8 172.4
51 43.7 39.4 59.2



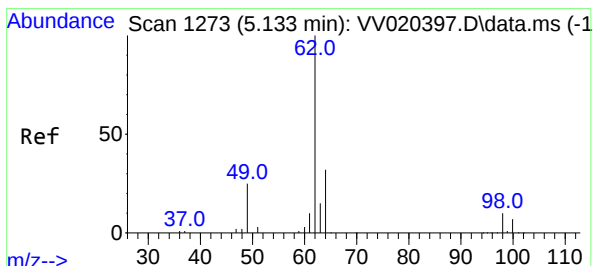
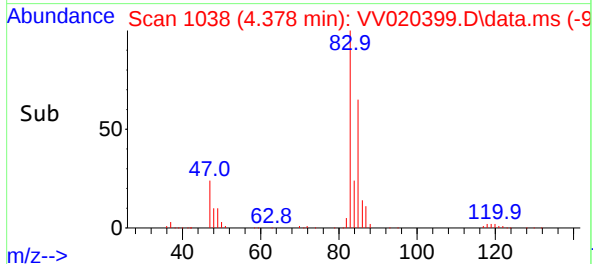
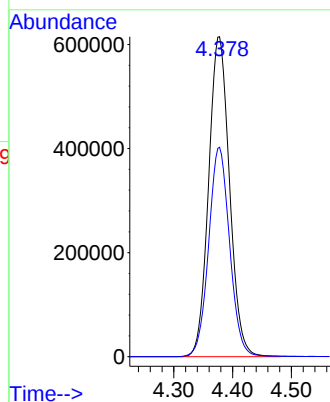
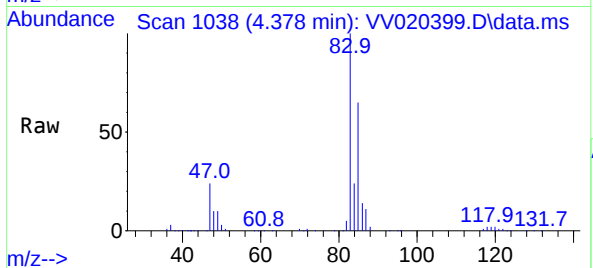


#25

Chloroform
Concen: 198.30 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

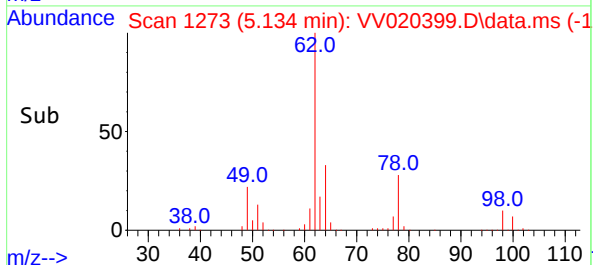
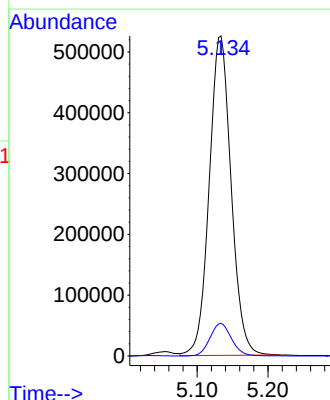
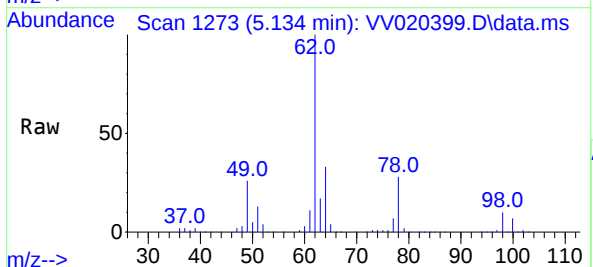
Tgt Ion: 83 Resp: 1516275
Ion Ratio Lower Upper
83 100
85 65.5 44.6 82.8

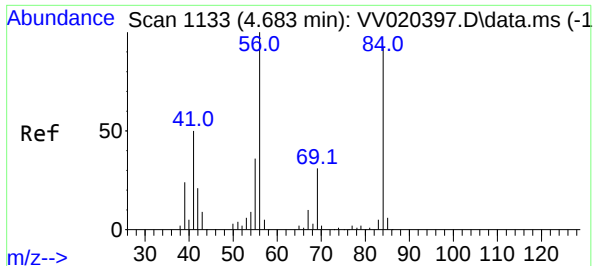


#27

1,2-Dichloroethane
Concen: 190.15 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 62 Resp: 1126974
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.6





#29

Cyclohexane

Concen: 180.86 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

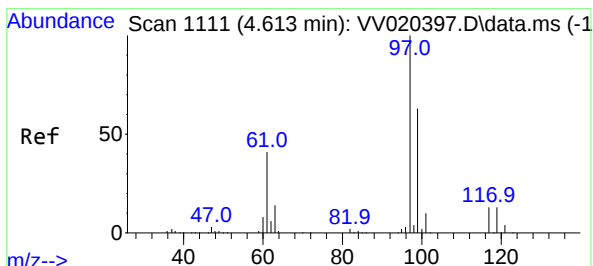
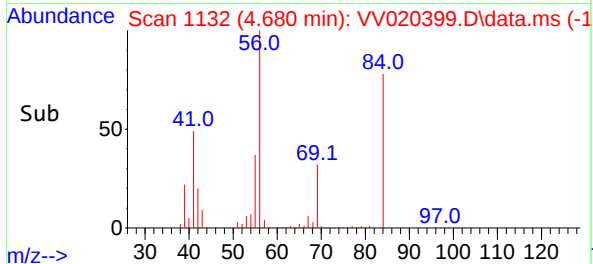
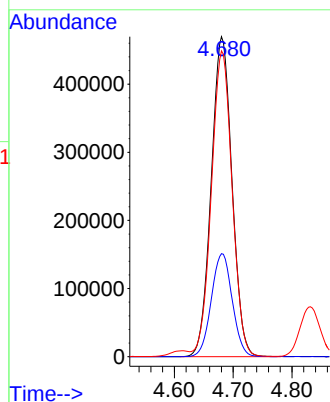
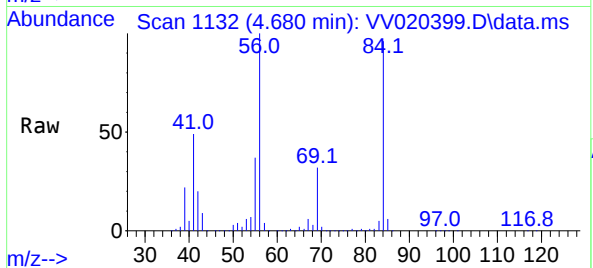
Lab File: VV020399.D

Acq: 24 Feb 2021 16:20

Tgt Ion: 56 Resp: 1151083

Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.1	37.7
84	95.3	70.6	106.0

Instrument :
MSVOA_V
ClientSampleId :
VSTD200161



#30

1,1,1-Trichloroethane

Concen: 189.24 ug/L

RT: 4.609 min Scan# 1110

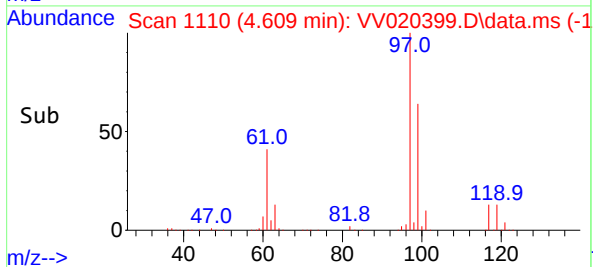
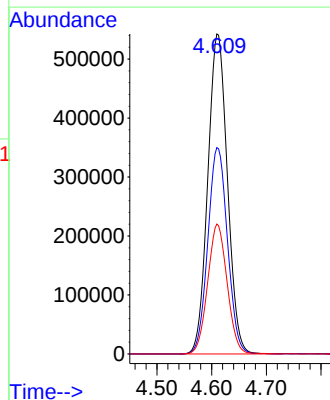
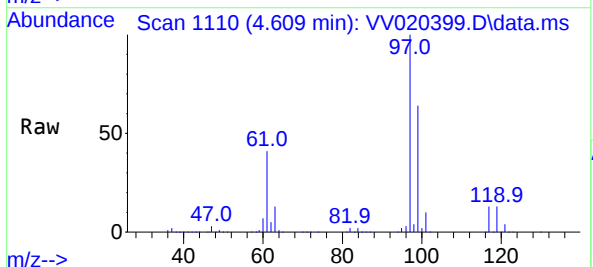
Delta R.T. -0.003 min

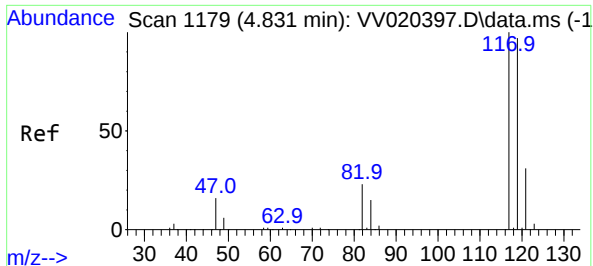
Lab File: VV020399.D

Acq: 24 Feb 2021 16:20

Tgt Ion: 97 Resp: 1349125

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.9	77.9
61	40.4	35.4	53.2

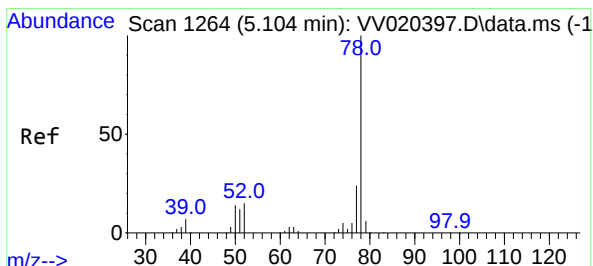
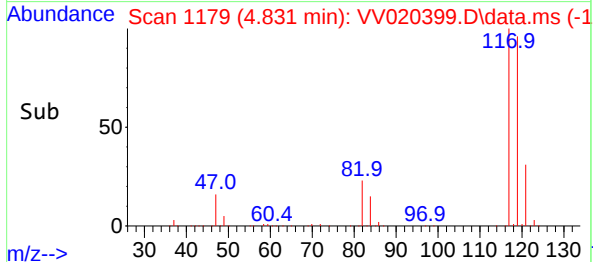
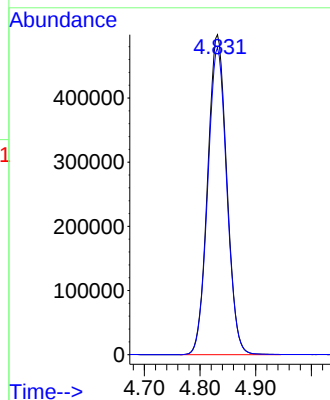
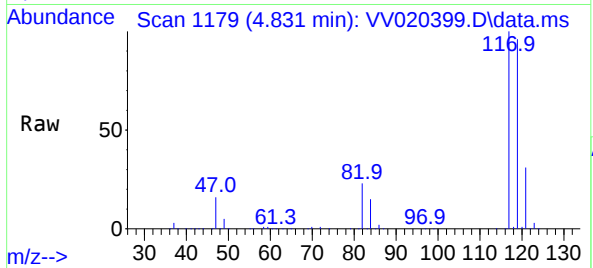




#31
Carbon tetrachloride
Concen: 192.67 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

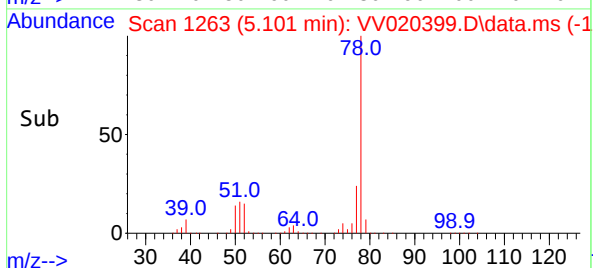
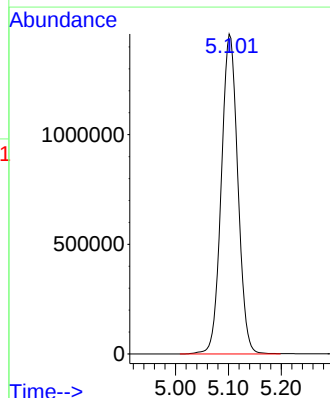
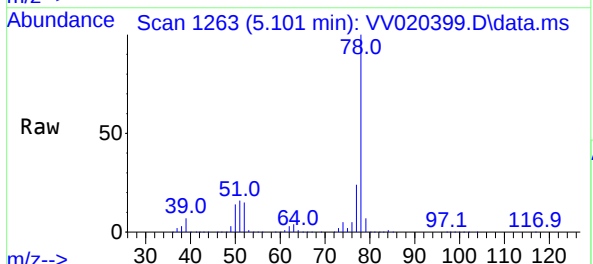
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

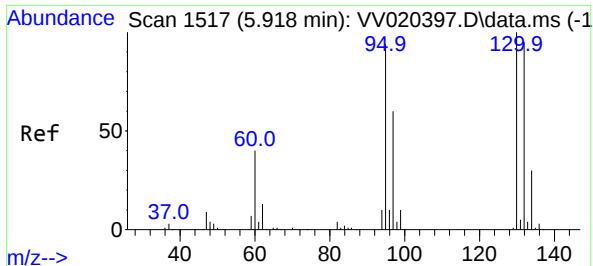
Tgt Ion:117 Resp: 1191060
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 187.34 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 78 Resp: 3169423

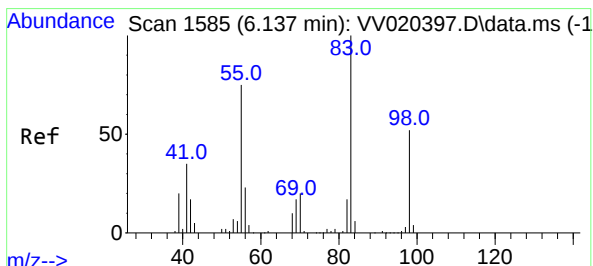
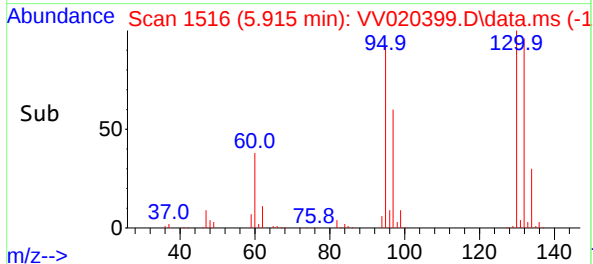
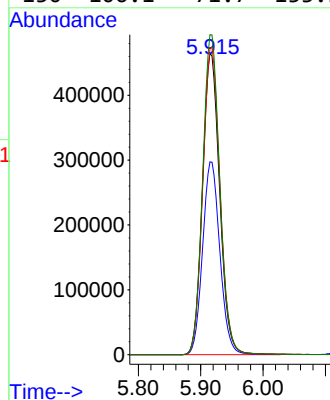
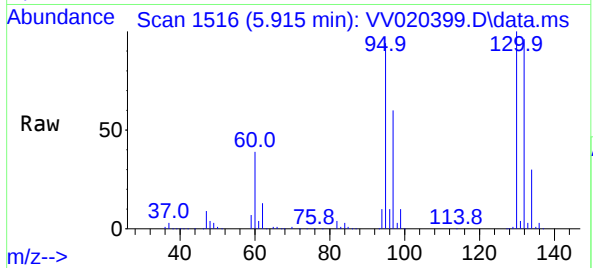




#34
Trichloroethene
Concen: 187.33 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

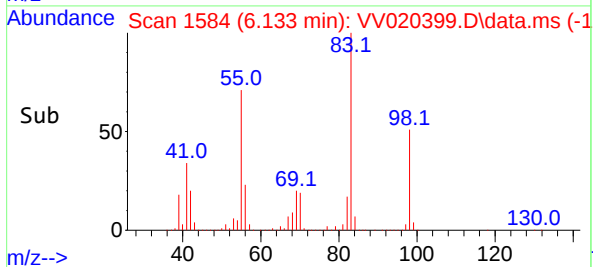
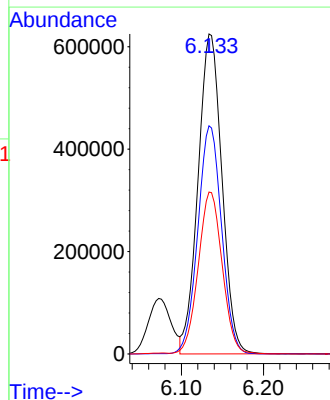
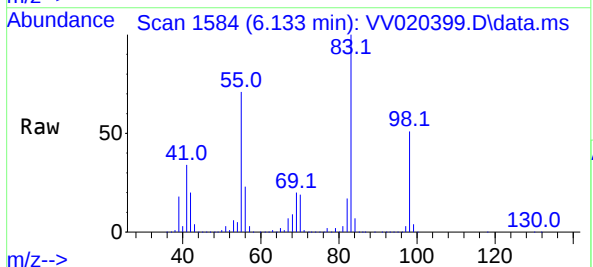
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

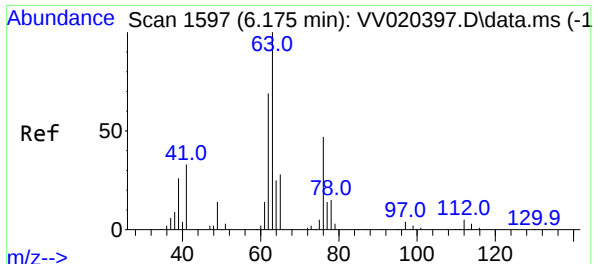
Tgt Ion: 95 Resp: 891608
Ion Ratio Lower Upper
95 100
97 63.9 45.4 84.4
132 101.5 68.7 127.7
130 106.1 71.7 133.1



#35
Methylcyclohexane
Concen: 184.13 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 83 Resp: 1266029
Ion Ratio Lower Upper
83 100
55 71.0 61.4 92.0
98 50.7 39.9 59.9

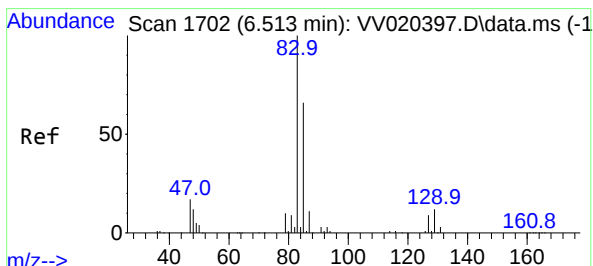
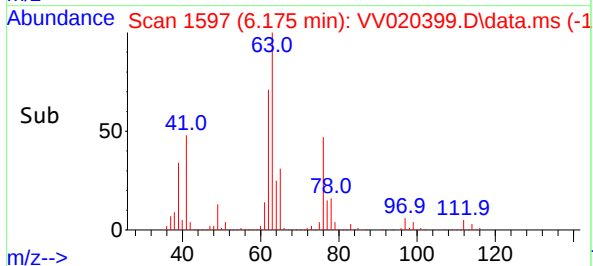
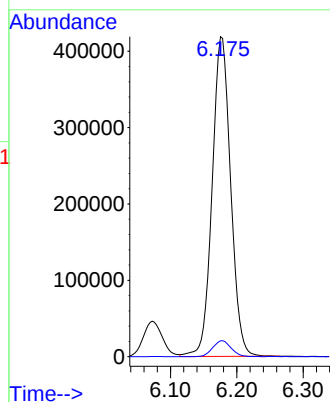
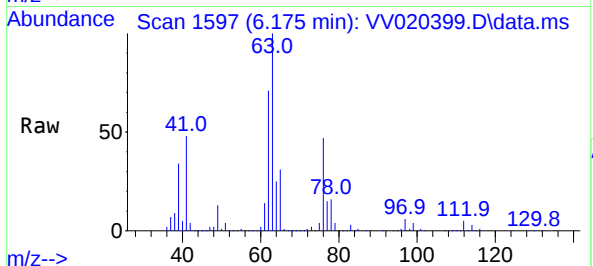




#37
1,2-Dichloropropane
Concen: 178.65 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

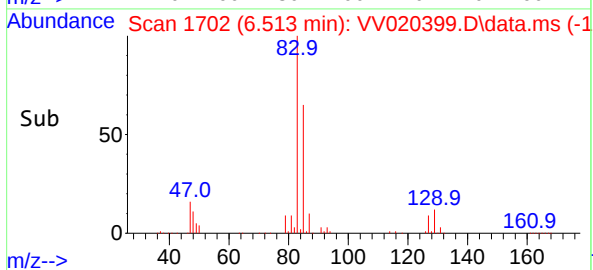
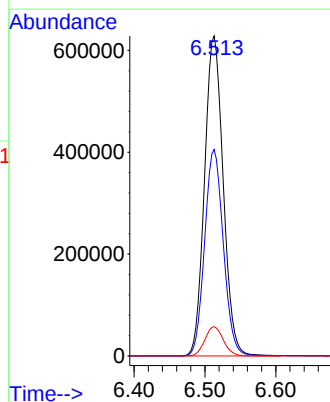
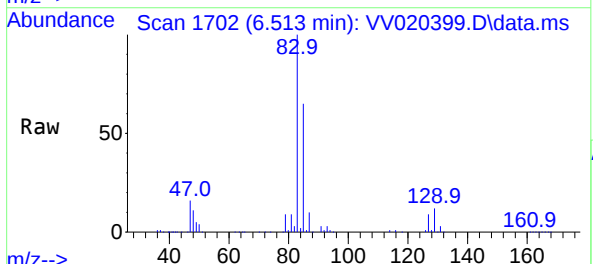
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

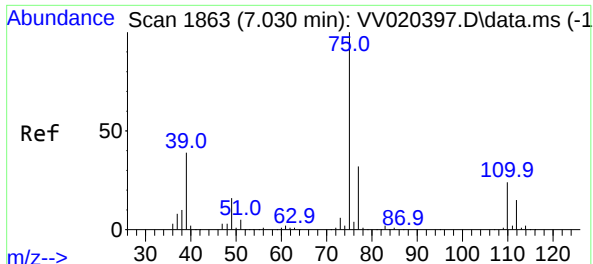
Tgt Ion: 63 Resp: 810145
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 187.79 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 83 Resp: 1151981
Ion Ratio Lower Upper
83 100
85 64.6 44.2 82.2
127 9.1 6.8 10.2

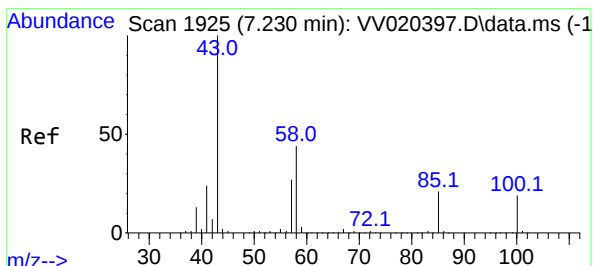
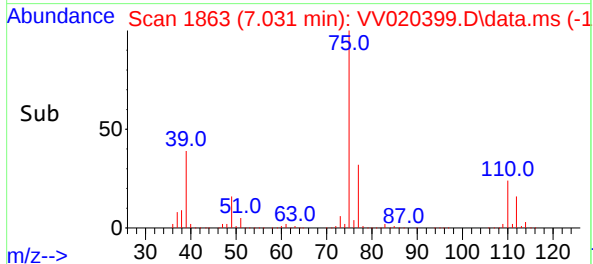
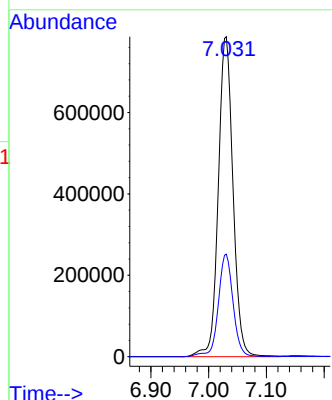
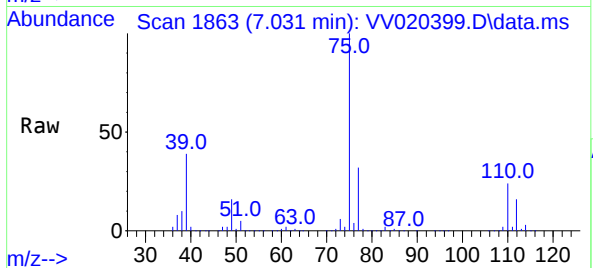




#39
cis-1,3-Dichloropropene
Concen: 204.30 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

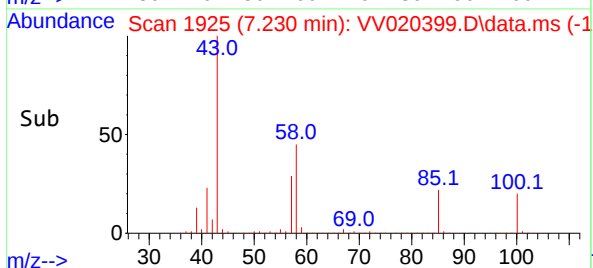
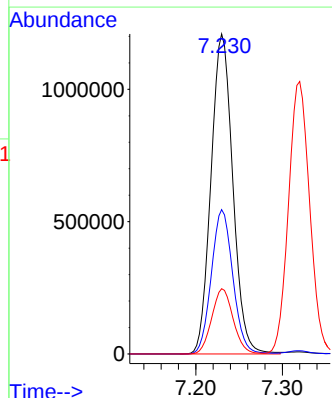
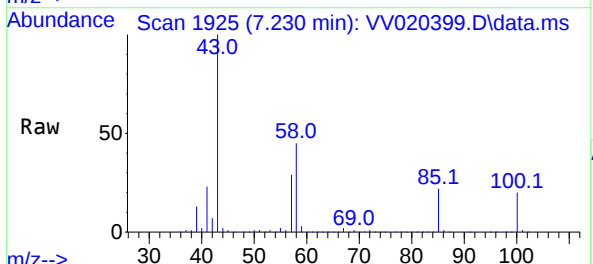
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

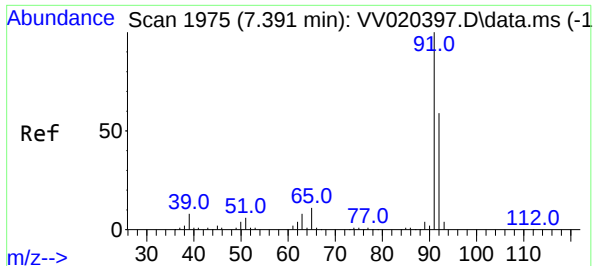
Tgt Ion: 75 Resp: 1389510
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 348.06 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 43 Resp: 2112089
Ion Ratio Lower Upper
43 100
58 44.6 32.1 48.1
100 20.1 13.4 20.0#

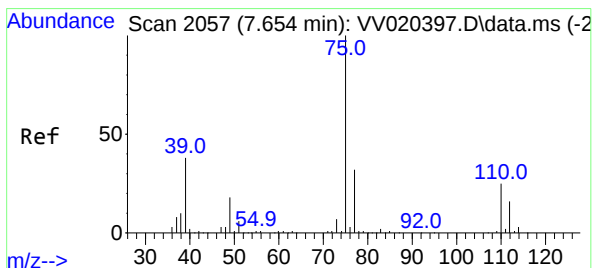
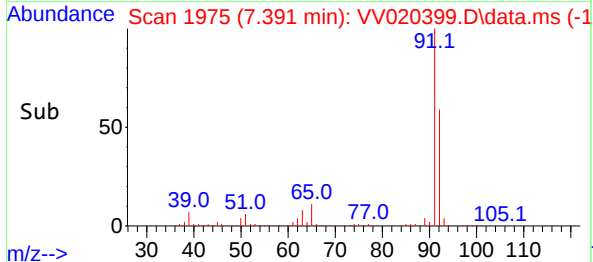
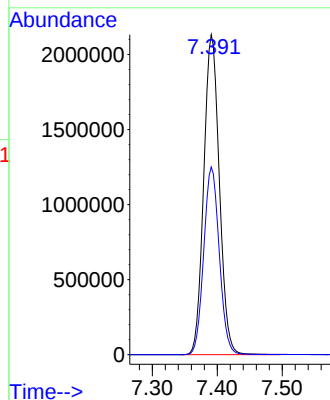
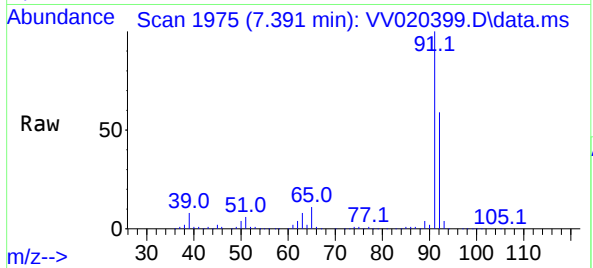




#42
Toluene
Concen: 194.40 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

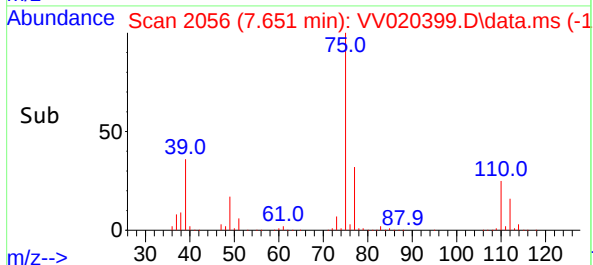
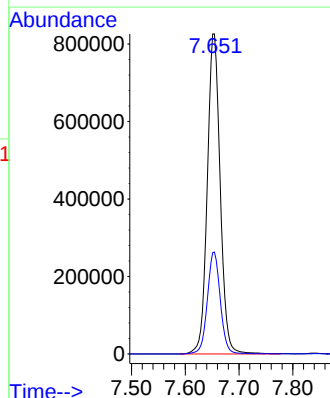
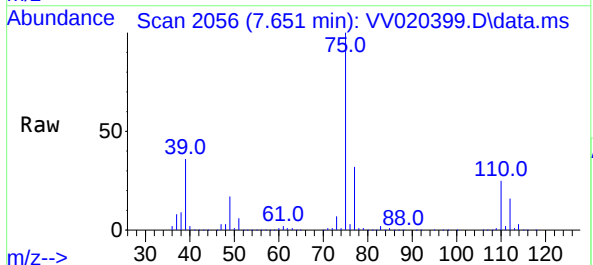
Instrument :
MSVOA_V
ClientSampled :
VSTD200161

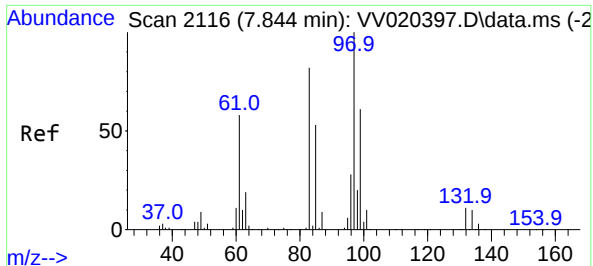
Tgt Ion: 91 Resp: 3567932
Ion Ratio Lower Upper
91 100
92 58.7 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 210.07 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 75 Resp: 1379997
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7



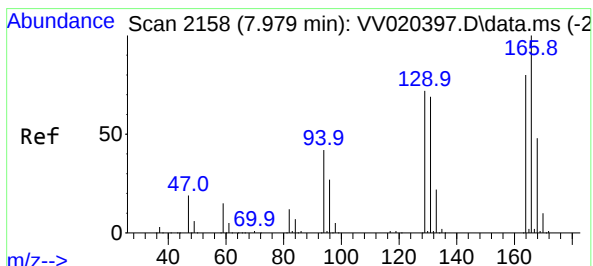
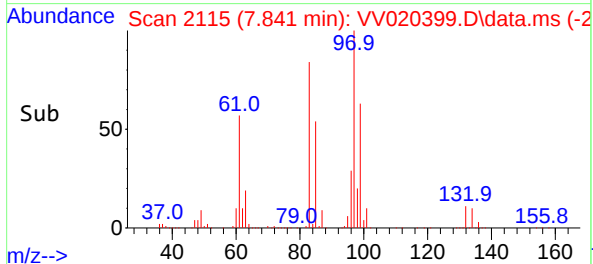
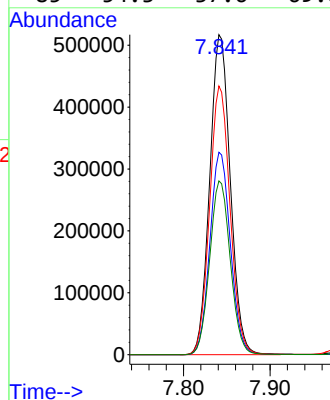
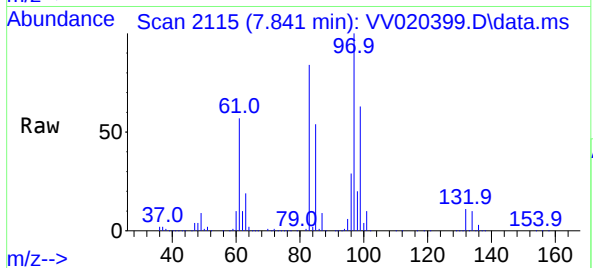


#45
1,1,2-Trichloroethane
Concen: 194.59 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

Tgt Ion: 97 Resp: 854152

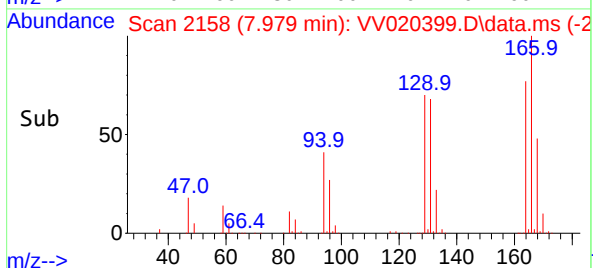
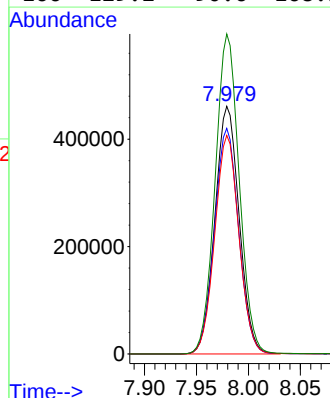
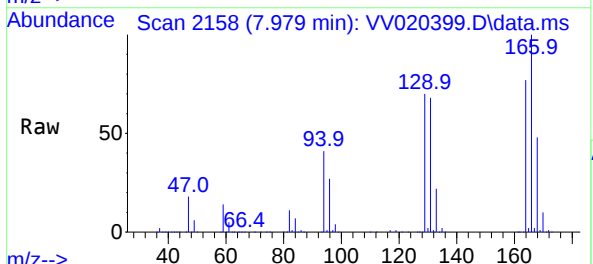
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.0	79.8
83	83.9	57.8	107.4
85	54.3	37.6	69.8

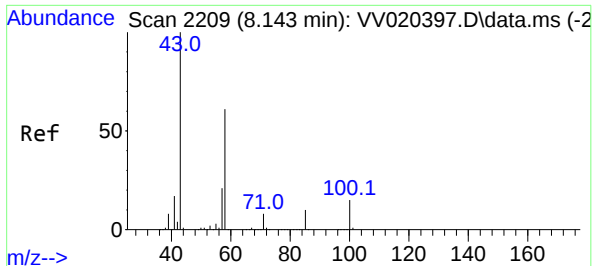


#46
Tetrachloroethene
Concen: 193.76 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 164 Resp: 750967

Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.0	118.8
131	88.3	61.2	113.8
166	129.2	90.6	168.3

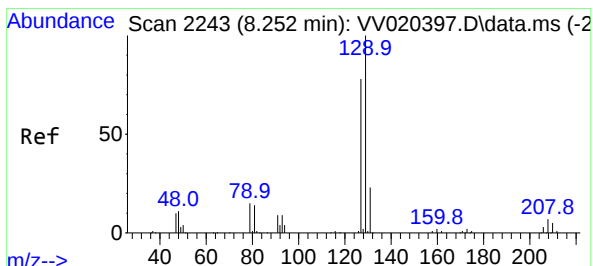
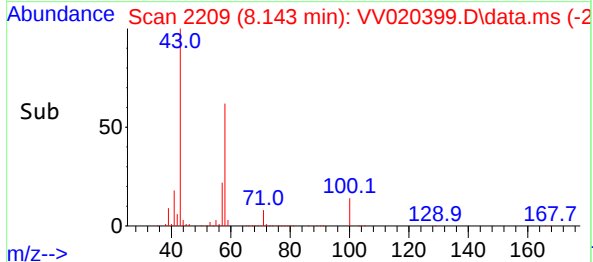
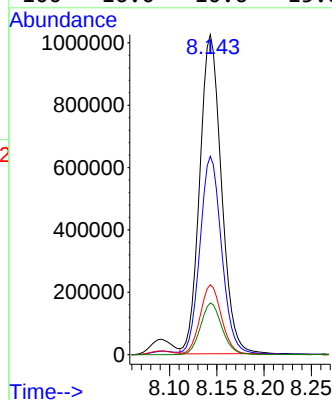
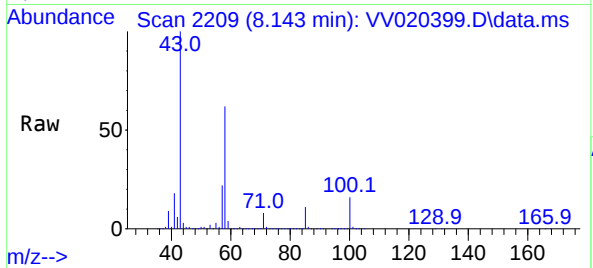




#48
2-Hexanone
Concen: 375.24 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

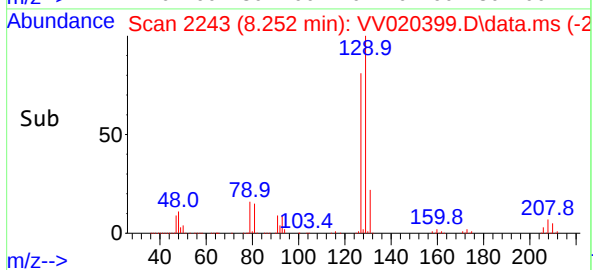
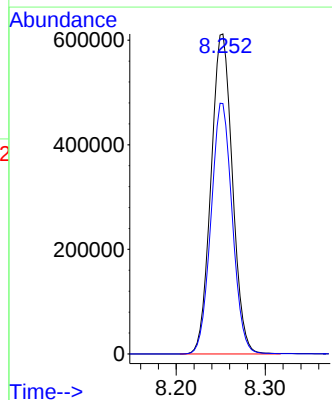
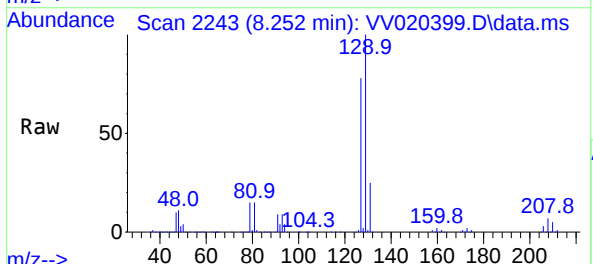
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

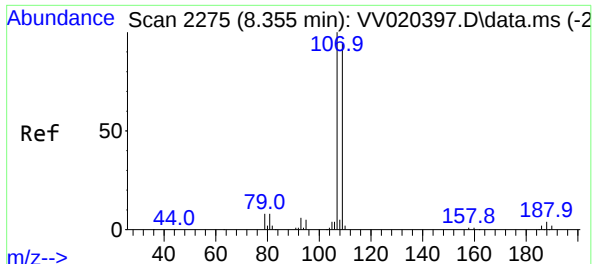
Tgt Ion: 43 Resp: 1632038
Ion Ratio Lower Upper
43 100
58 62.6 45.3 67.9
57 21.7 15.8 23.6
100 16.0 10.6 15.8#



#49
Dibromochloromethane
Concen: 209.85 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion:129 Resp: 1021092
Ion Ratio Lower Upper
129 100
127 78.2 54.7 101.7

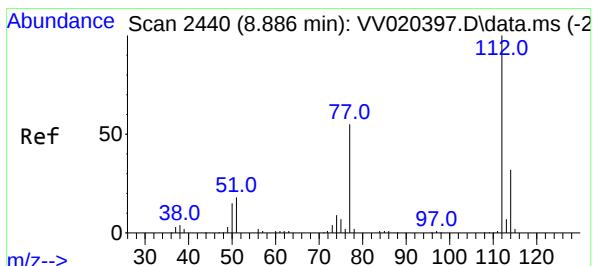
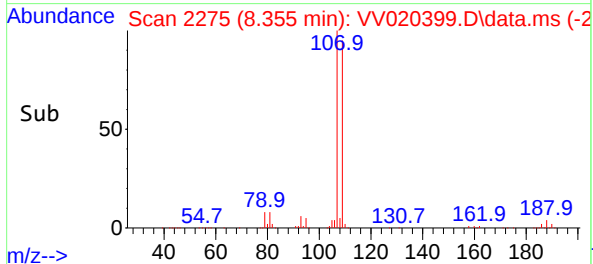
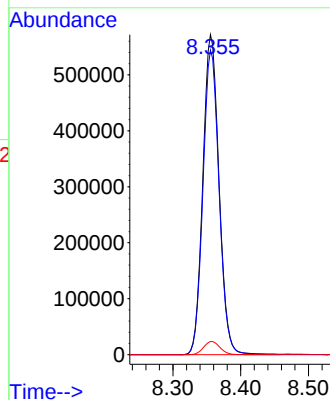
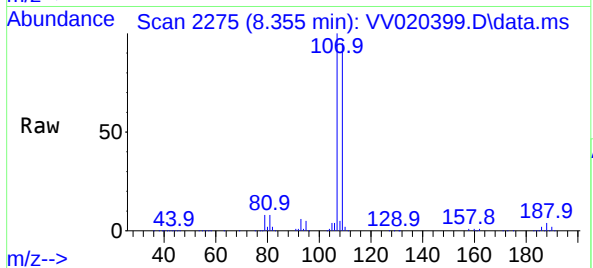




#50
1,2-Dibromoethane
Concen: 203.13 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

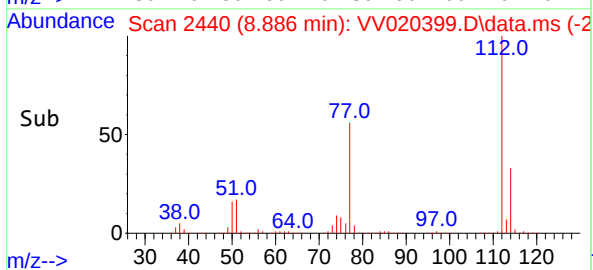
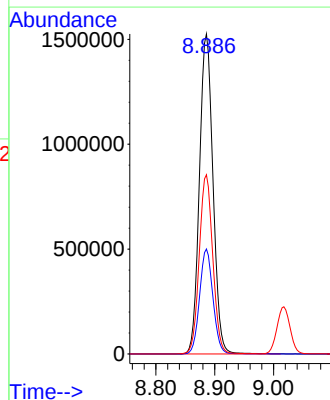
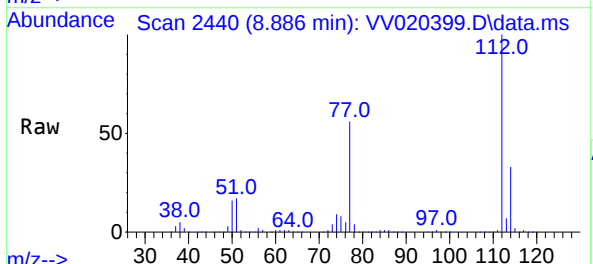
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

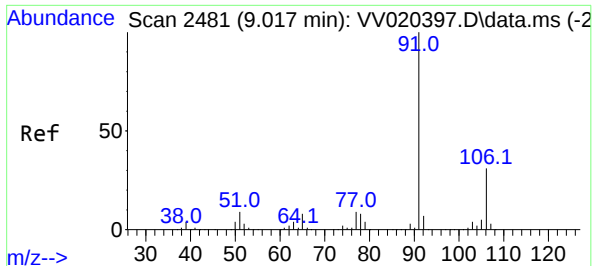
Tgt Ion:107 Resp: 947599
Ion Ratio Lower Upper
107 100
109 95.2 66.2 123.0
188 4.1 3.6 5.4



#51
Chlorobenzene
Concen: 199.70 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion:112 Resp: 2437378
Ion Ratio Lower Upper
112 100
114 32.8 22.5 41.7
77 56.0 47.3 70.9

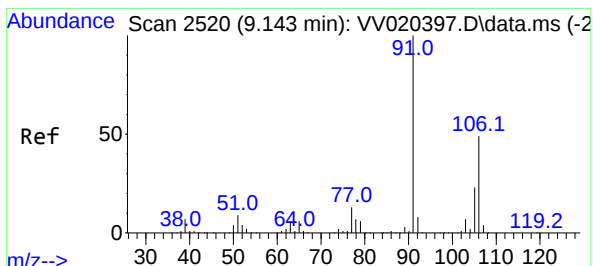
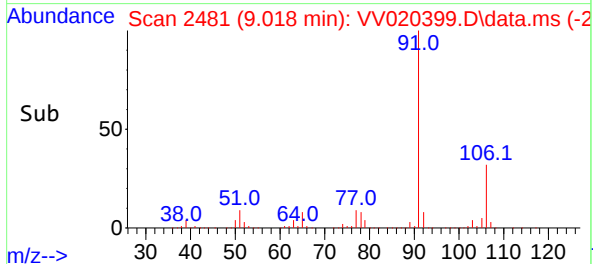
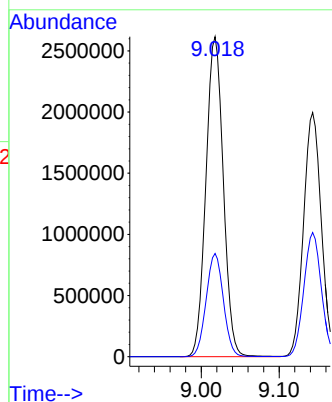
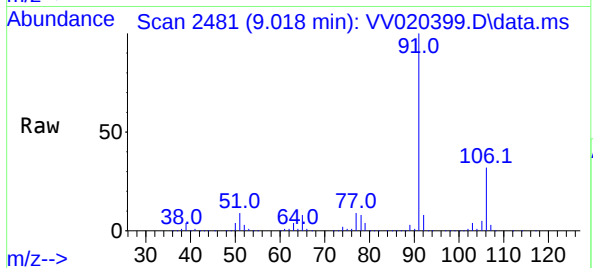




#52
Ethylbenzene
Concen: 201.33 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

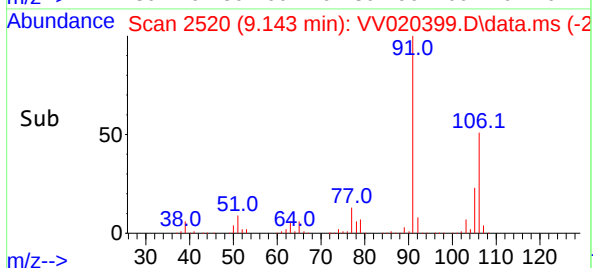
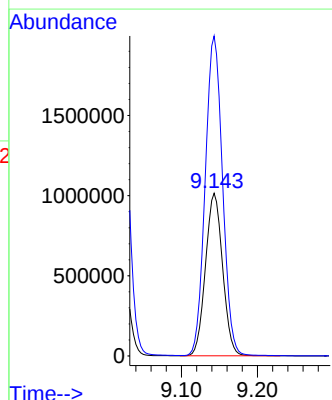
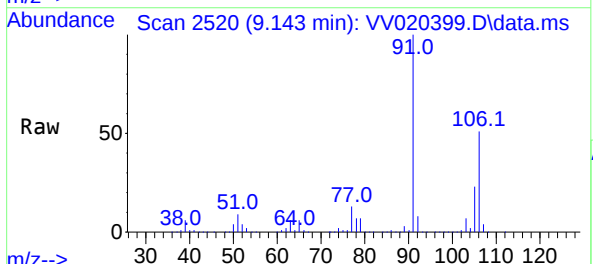
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

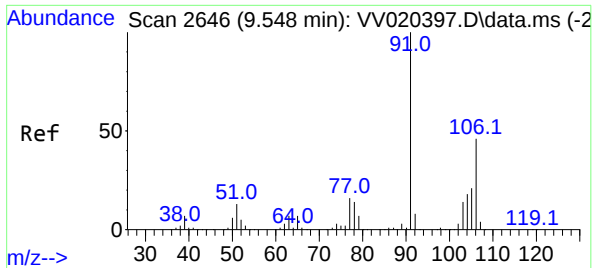
Tgt Ion: 91 Resp: 4052387
Ion Ratio Lower Upper
91 100
106 32.2 21.3 39.6



#53
m,p-Xylene
Concen: 205.89 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 106 Resp: 1584405
Ion Ratio Lower Upper
106 100
91 196.7 143.1 265.7

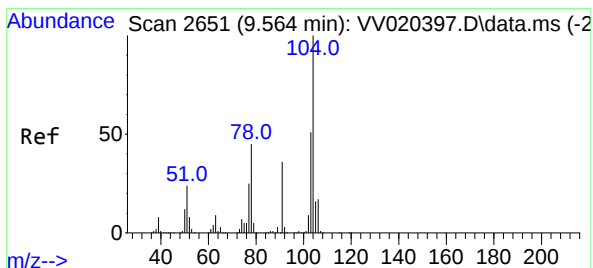
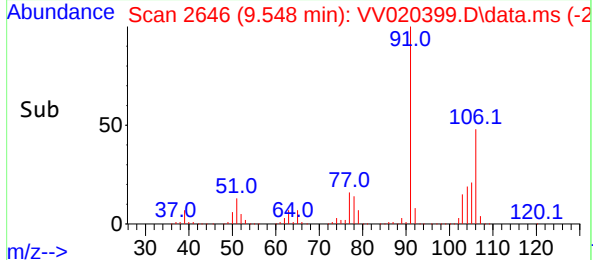
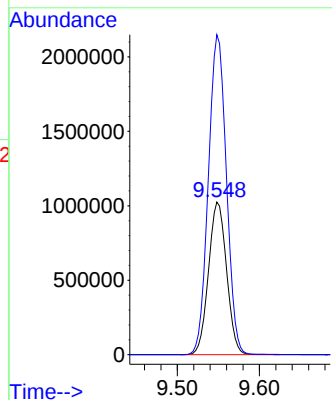
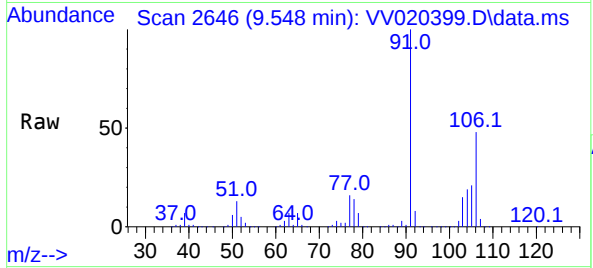




#54
o-Xylene
Concen: 206.23 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

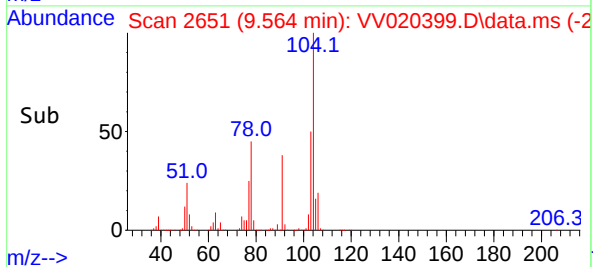
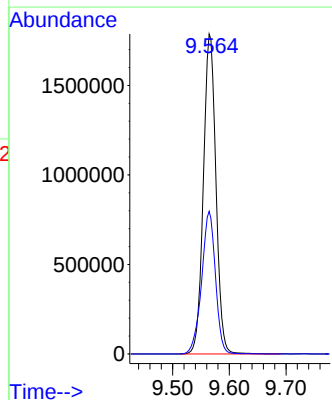
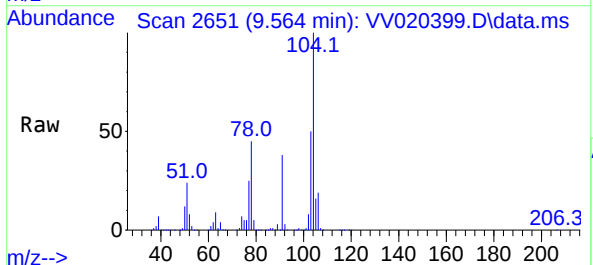
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

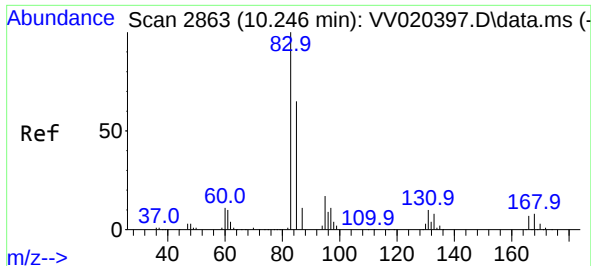
Tgt Ion:106 Resp: 1565902
Ion Ratio Lower Upper
106 100
91 209.7 153.6 285.3



#55
Styrene
Concen: 210.04 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion:104 Resp: 2752432
Ion Ratio Lower Upper
104 100
78 44.6 31.6 58.8

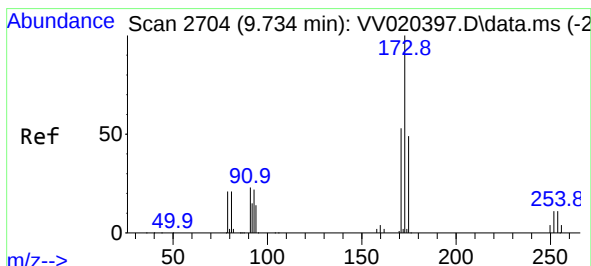
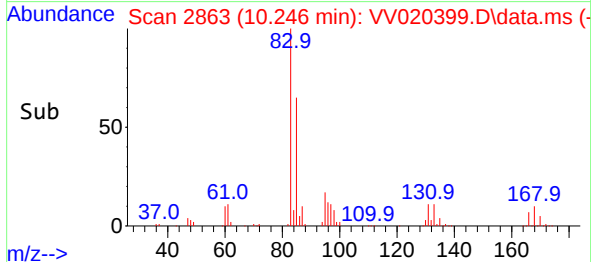
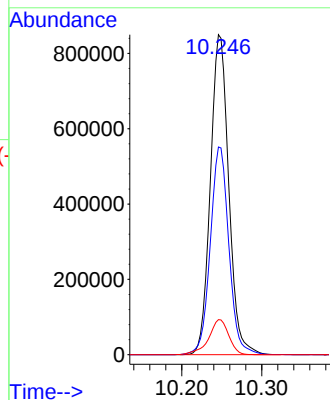
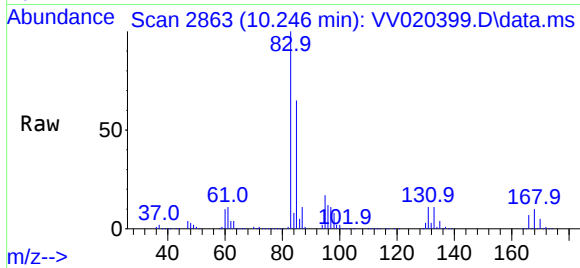




#57
1,1,2,2-Tetrachloroethane
Concen: 191.04 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

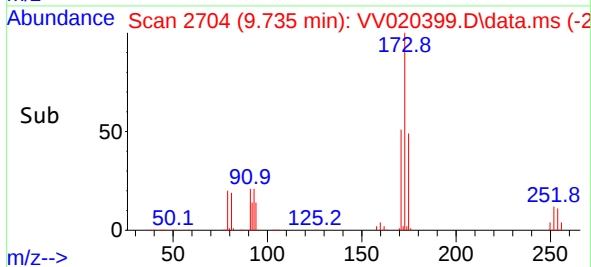
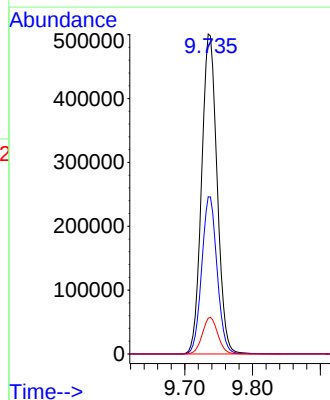
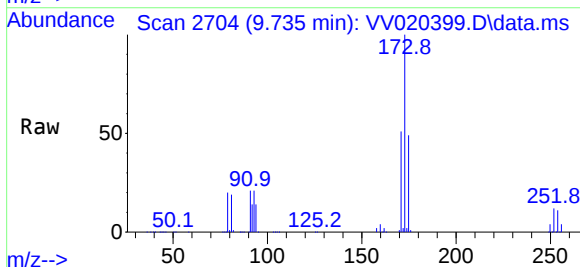
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

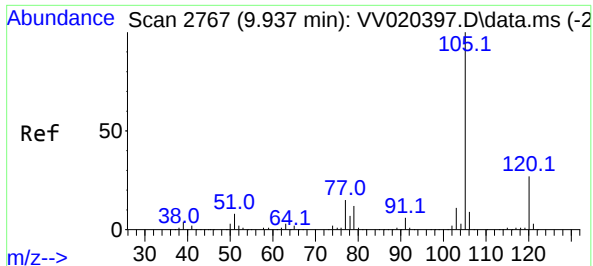
Tgt Ion: 83 Resp: 1356642
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4
131 10.9 8.6 12.8



#59
Bromoform
Concen: 193.04 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion:173 Resp: 794988
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 11.4 9.5 14.3

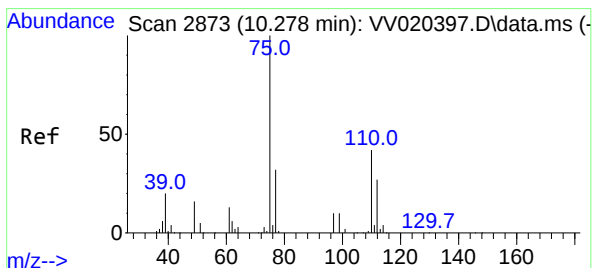
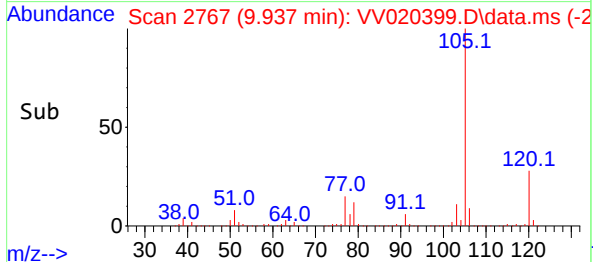
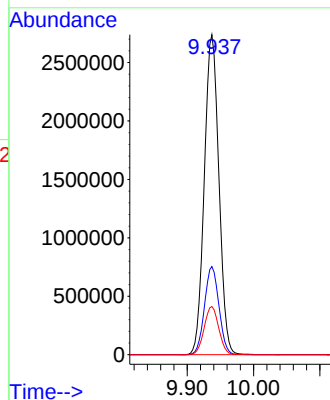
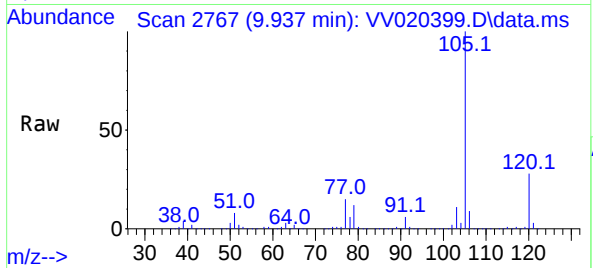




#60
Isopropylbenzene
Concen: 190.55 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

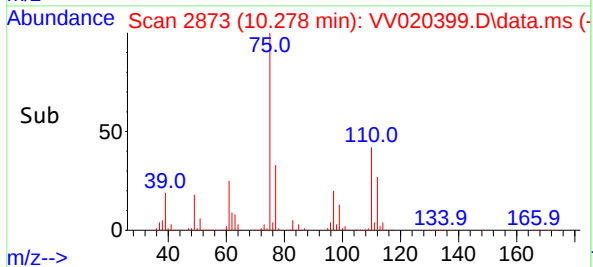
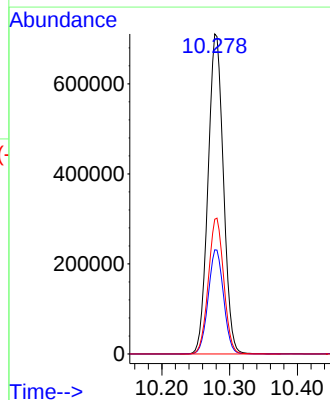
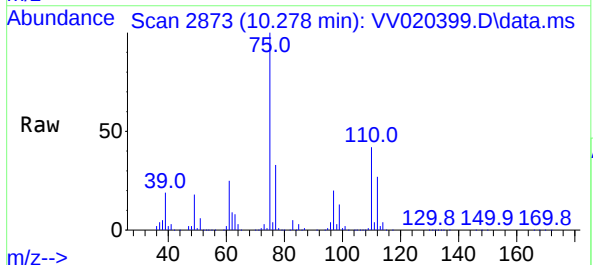
Instrument :
MSVOA_V
ClientSampled :
VSTD200161

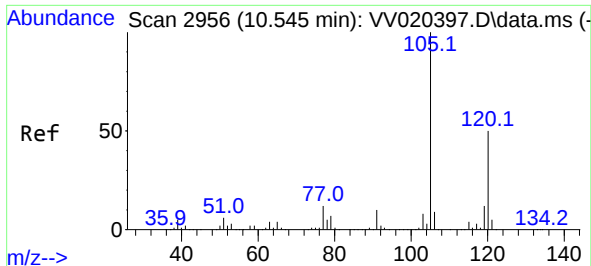
Tgt Ion:105 Resp: 4176722
Ion Ratio Lower Upper
105 100
120 27.3 21.2 31.8
77 15.0 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 182.92 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion: 75 Resp: 1118220
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
110 42.4 33.3 49.9

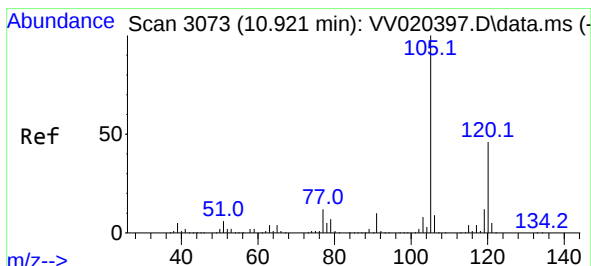
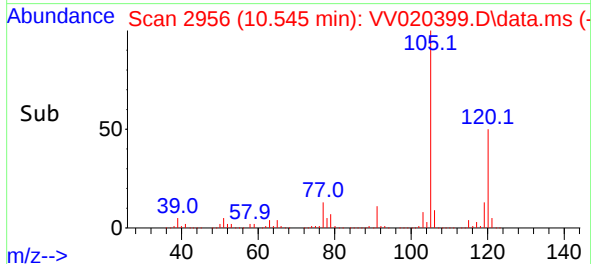
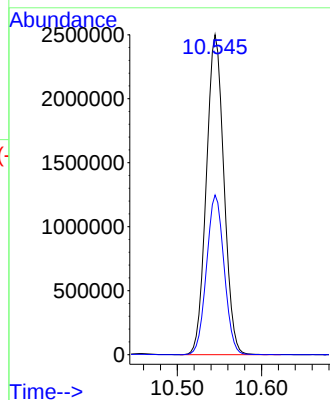
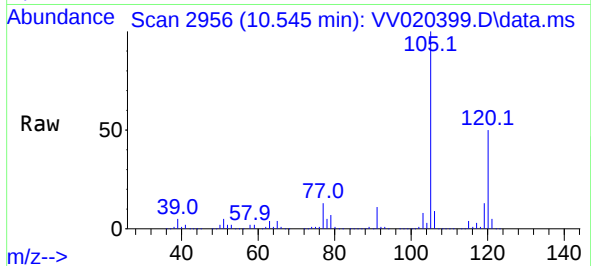




#62
1,3,5-Trimethylbenzene
Concen: 195.32 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

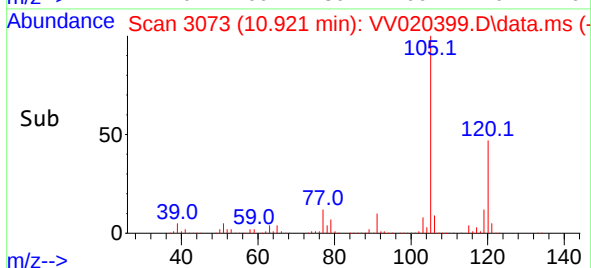
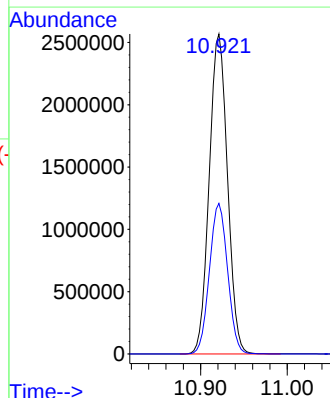
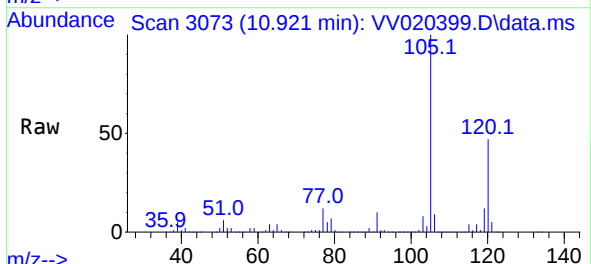
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

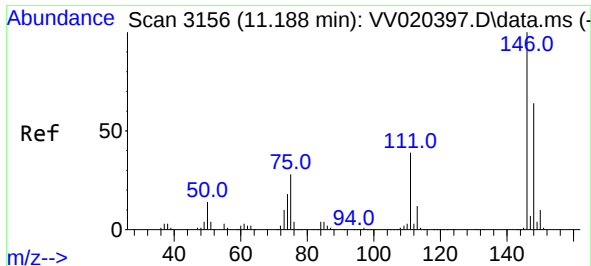
Tgt Ion:105 Resp: 3633337
Ion Ratio Lower Upper
105 100
120 49.9 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 204.79 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion:105 Resp: 3758784
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.6

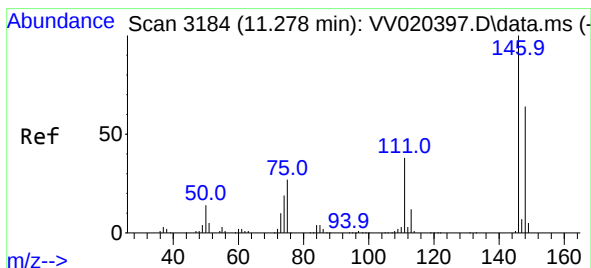
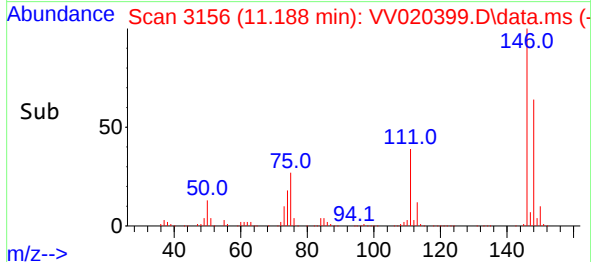
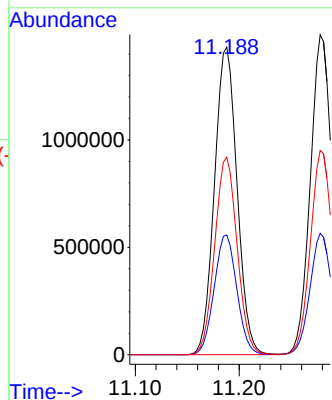
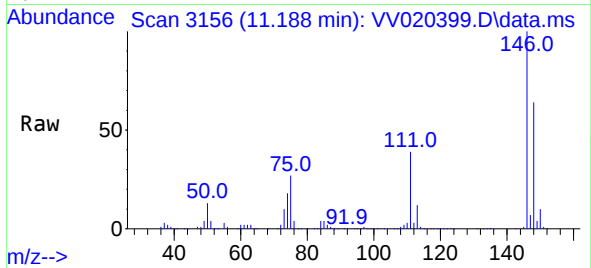




#64
1,3-Dichlorobenzene
Concen: 195.67 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

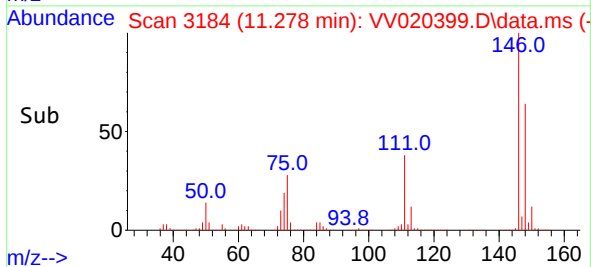
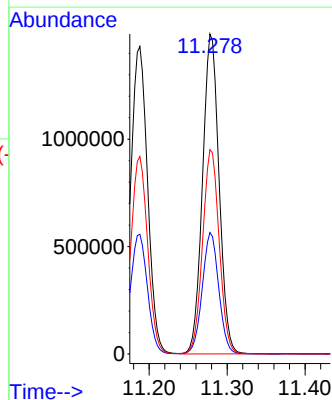
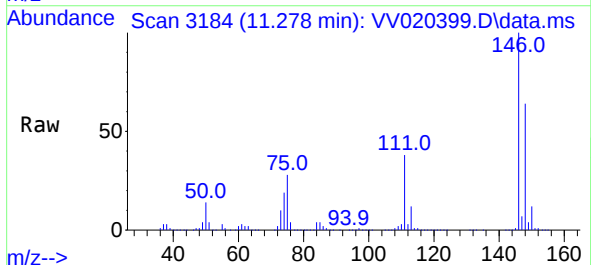
Instrument :
MSVOA_V
ClientSampled :
VSTD200161

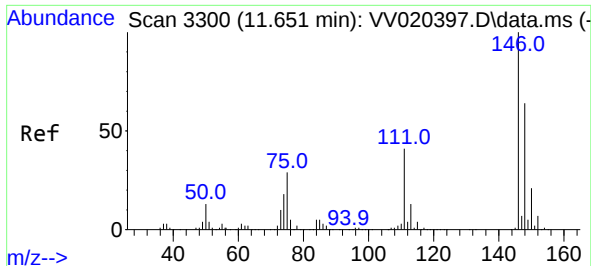
Tgt Ion:146 Resp: 2166868
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 64.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 192.32 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion:146 Resp: 2193262
Ion Ratio Lower Upper
146 100
111 38.0 26.1 48.5
148 63.9 44.6 82.8

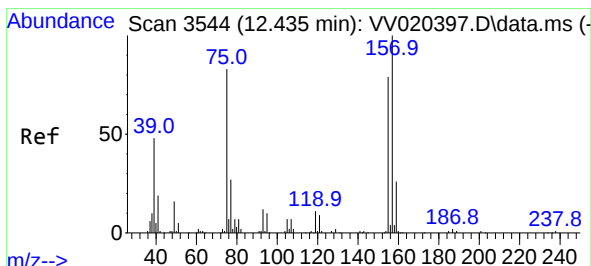
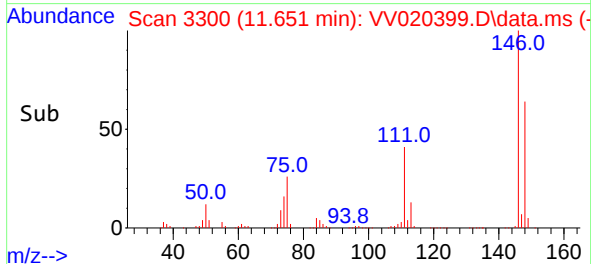
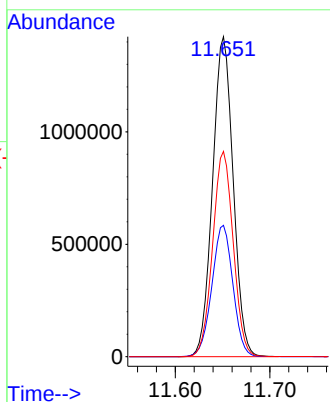
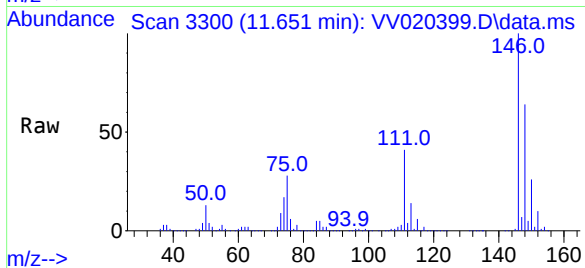




#67
1,2-Dichlorobenzene
Concen: 193.10 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

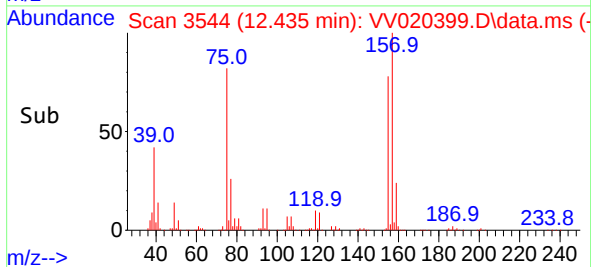
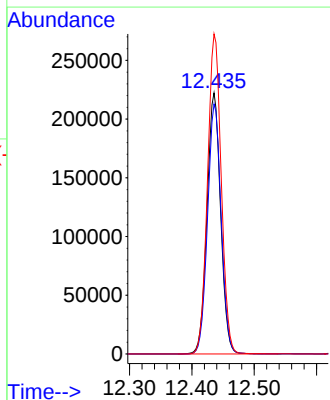
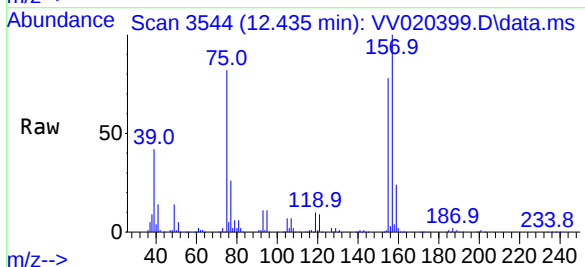
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

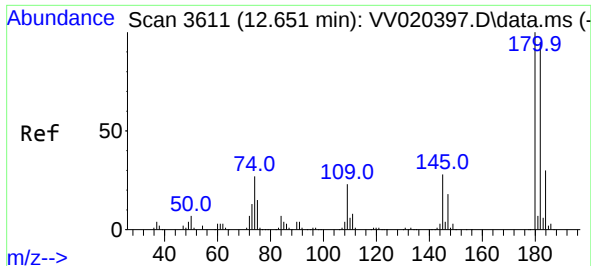
Tgt Ion:146 Resp: 2154348
Ion Ratio Lower Upper
146 100
111 41.1 32.4 48.6
148 64.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 196.04 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

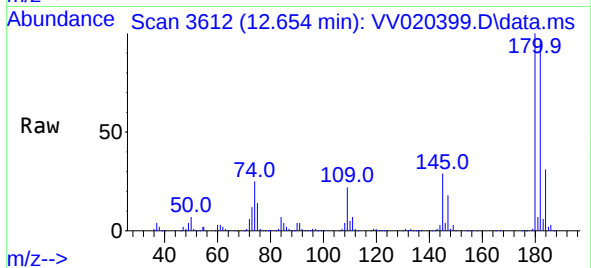
Tgt Ion: 75 Resp: 337949
Ion Ratio Lower Upper
75 100
155 95.7 74.1 111.1
157 122.5 95.8 143.8



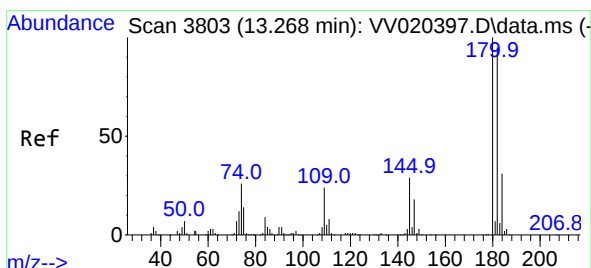
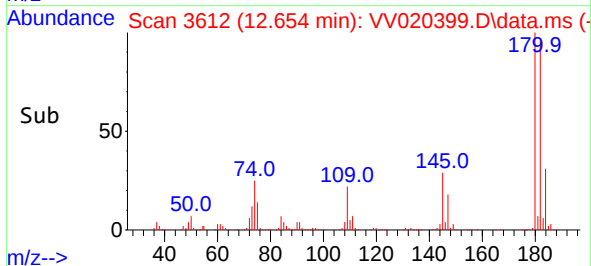
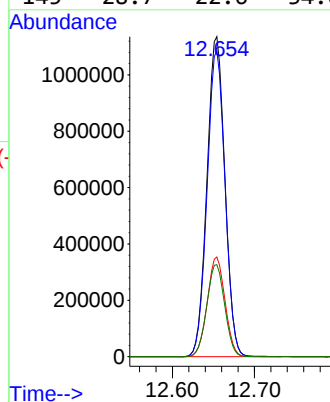


#69
1,3,5-Trichlorobenzene
Concen: 186.98 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

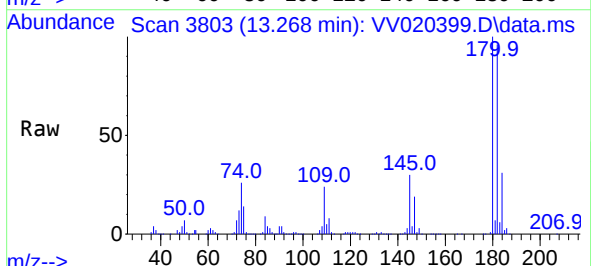
Instrument :
MSVOA_V
ClientSampleId :
VSTD200161



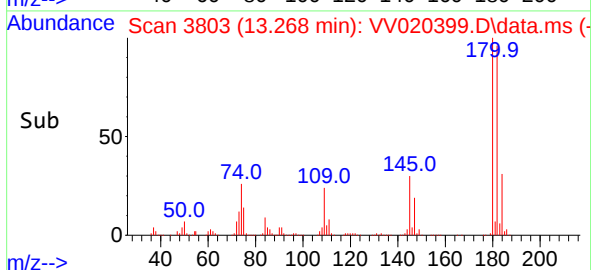
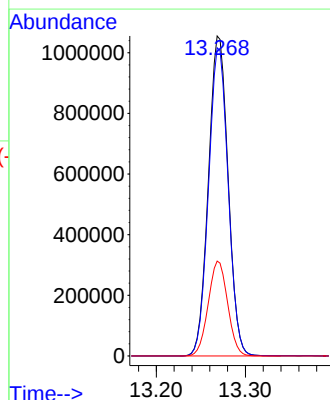
Tgt Ion:180 Resp: 1725518
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
184 30.8 24.1 36.1
145 28.7 22.6 34.0

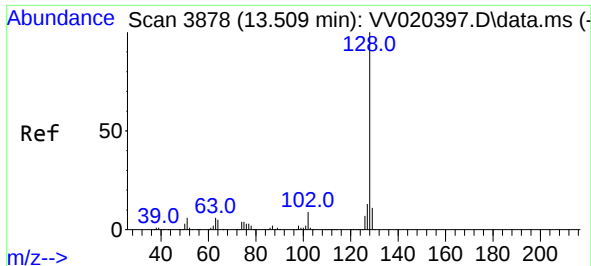


#70
1,2,4-trichlorobenzene
Concen: 191.69 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20



Tgt Ion:180 Resp: 1614889
Ion Ratio Lower Upper
180 100
182 96.0 77.1 115.7
145 29.3 23.4 35.2

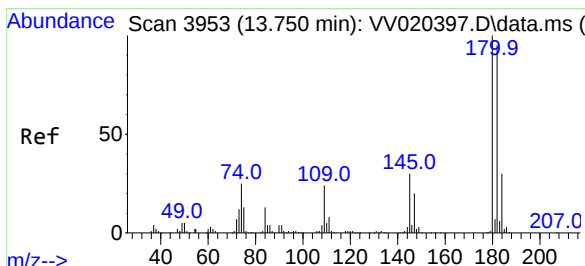
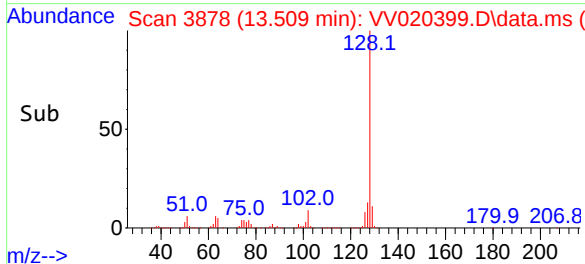
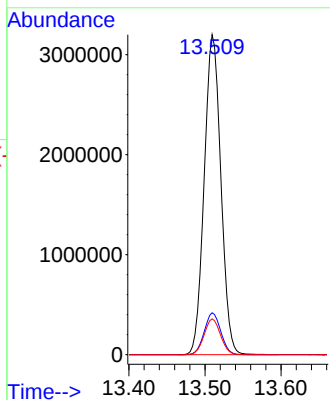
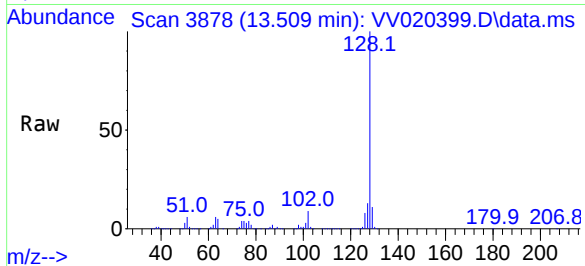




#71
Naphthalene
Concen: 204.55 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD200161

Tgt Ion:128 Resp: 4864942
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 188.82 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020399.D
Acq: 24 Feb 2021 16:20

Tgt Ion:180 Resp: 1589683
Ion Ratio Lower Upper
180 100
182 95.1 76.6 114.8
145 31.0 24.5 36.7

