

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030121\
 Data File : VW020421.D
 Acq On : 01 Mar 2021 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050170

Quant Time: Mar 02 00:08:14 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	5.616	114	573249	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	561361	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	322329	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135373	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.568	69	123951	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.108	63	272163	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.00%
21) 2-Butanone-d5	3.886	46	204577	95.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.79%
24) Chloroform-d	4.346	84	325194	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	5.031	65	202623	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.050	84	618689	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
36) 1,2-Dichloropropane-d6	6.069	67	190977	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.78%
41) Toluene-d8	7.317	98	603245	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%
43) trans-1,3-Dichloroprop...	7.622	79	95794	51.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.74%
47) 2-Hexanone-d5	8.088	63	149169	98.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.30%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	270012	49.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.48%
66) 1,2-Dichlorobenzene-d4	11.632	152	275908	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	197189	42.21	ug/L	100
3) Chloromethane	1.240	50	163917	40.81	ug/L	100
5) Vinyl chloride	1.310	62	179835	41.26	ug/L	100
6) Bromomethane	1.519	94	117254	41.06	ug/L	100
8) Chloroethane	1.584	64	108814	40.93	ug/L	98
9) Trichlorofluoromethane	1.751	101	271795	41.75	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	152386	42.75	ug/L	95
12) 1,1-Dichloroethene	2.117	96	140537	42.23	ug/L	97
13) Acetone	2.179	43	155389	98.86	ug/L	99
14) Carbon disulfide	2.291	76	366390	42.12	ug/L	100
15) Methyl Acetate	2.433	43	129873	39.64	ug/L	99
16) Methylene chloride	2.503	84	154603	40.89	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	143610	41.38	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	417916	39.92	ug/L	98
19) 1,1-Dichloroethane	3.188	63	257296	40.68	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	159144	41.39	ug/L	91
22) 2-Butanone	3.970	43	195875	87.81	ug/L	97
23) Bromochloromethane	4.246	128	88047	42.45	ug/L	88
25) Chloroform	4.375	83	290165	41.90	ug/L	98
27) 1,2-Dichloroethane	5.130	62	206469	40.22	ug/L	98

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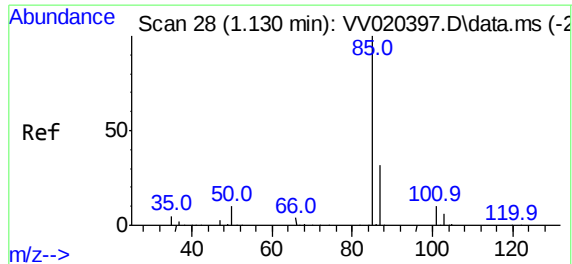
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	205044	41.11	ug/L	93
30) 1,1,1-Trichloroethane	4.606	97	245222	41.55	ug/L	98
31) Carbon tetrachloride	4.828	117	217488	42.33	ug/L	100
33) Benzene	5.098	78	594949	42.22	ug/L	100
34) Trichloroethene	5.915	95	170986	41.73	ug/L	96
35) Methylcyclohexane	6.130	83	236976	43.18	ug/L	96
37) 1,2-Dichloropropane	6.175	63	145098	40.44	ug/L	99
38) Bromodichloromethane	6.510	83	204221	41.51	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	224791	41.22	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	353281	79.66	ug/L	94
42) Toluene	7.387	91	658683	42.78	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	225845	42.43	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	157632	41.93	ug/L	98
46) Tetrachloroethene	7.979	164	142146	43.18	ug/L	98
48) 2-Hexanone	8.140	43	289334	84.42	ug/L	94
49) Dibromochloromethane	8.249	129	173556	42.73	ug/L	97
50) 1,2-Dibromoethane	8.355	107	163126	40.80	ug/L	100
51) Chlorobenzene	8.886	112	440488	40.93	ug/L	97
52) Ethylbenzene	9.014	91	722256	42.25	ug/L	99
53) m,p-Xylene	9.143	106	278881	42.68	ug/L	98
54) o-Xylene	9.548	106	269649	42.03	ug/L	96
55) Styrene	9.564	104	480479	43.63	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	223615	40.37	ug/L	100
59) Bromoform	9.735	173	124619	41.29	ug/L	99
60) Isopropylbenzene	9.937	105	729872	41.29	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	194110	38.30	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	607076	41.92	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	632337	42.61	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	379433	40.82	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	388686	40.22	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	382919	41.22	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	45875	38.97	ug/L	98
69) 1,3,5-Trichlorobenzene	12.654	180	300107	41.40	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	258608	41.10	ug/L	99
71) Naphthalene	13.509	128	717145	41.24	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	267797	42.33	ug/L	100

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

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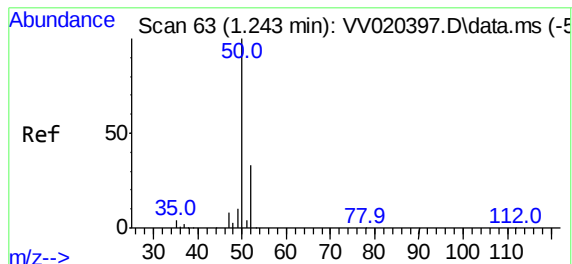
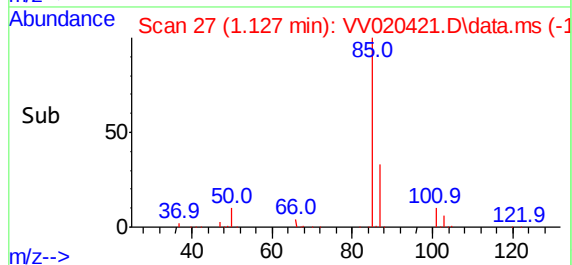
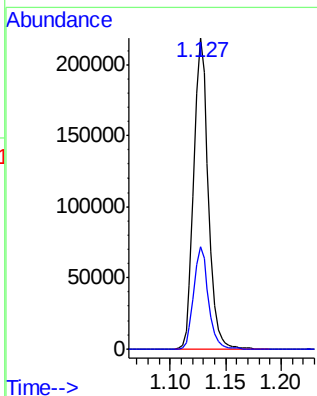
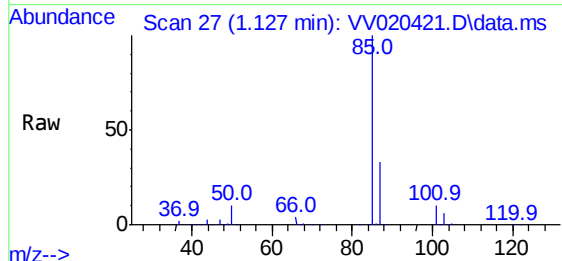


#2

Dichlorodifluoromethane
 Concen: 42.21 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VV020421.D
 Acq: 01 Mar 2021 10:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050170

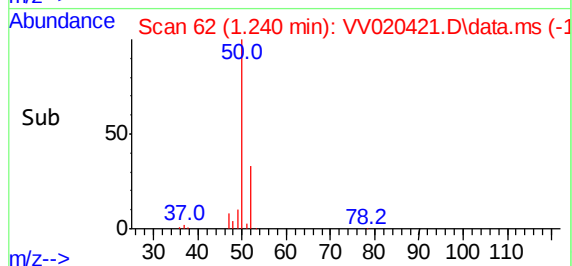
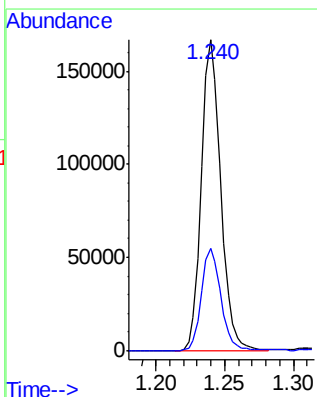
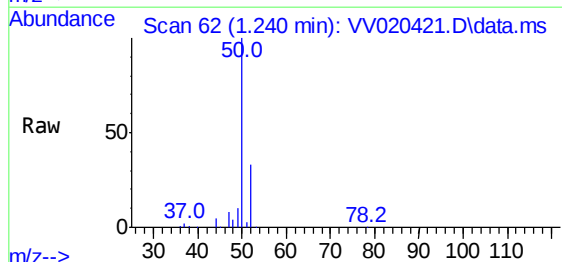
Tgt Ion: 85 Resp: 197189
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.2

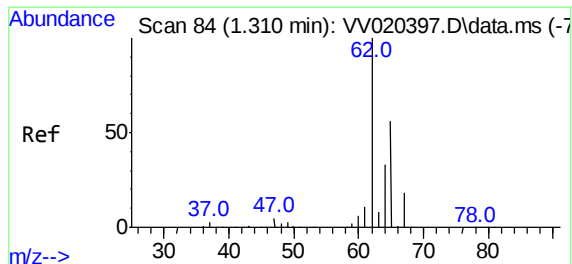


#3

Chloromethane
 Concen: 40.81 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV020421.D
 Acq: 01 Mar 2021 10:21

Tgt Ion: 50 Resp: 163917
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.9 42.5

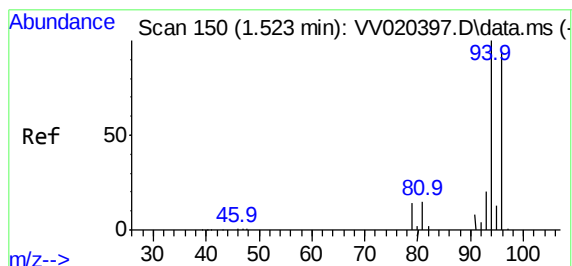
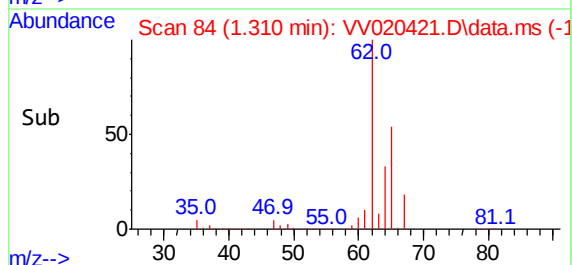
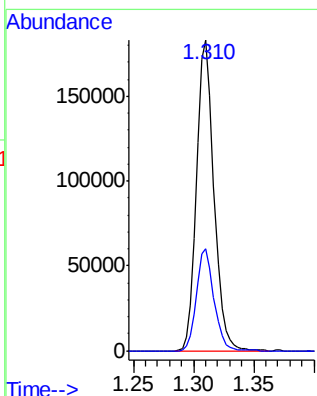
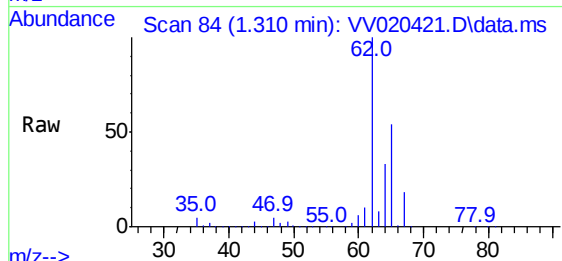




#5
 Vinyl chloride
 Concen: 41.26 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020421.D
 Acq: 01 Mar 2021 10:21

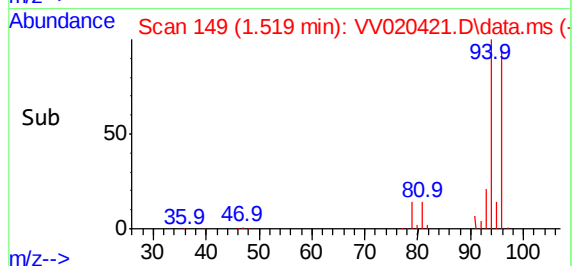
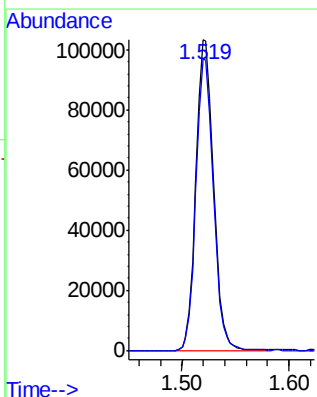
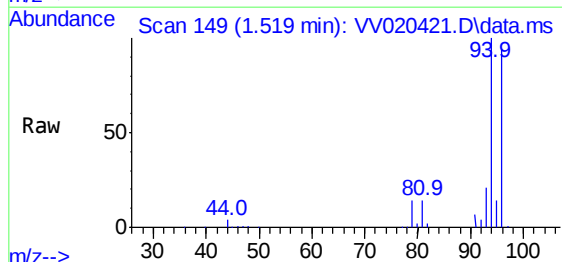
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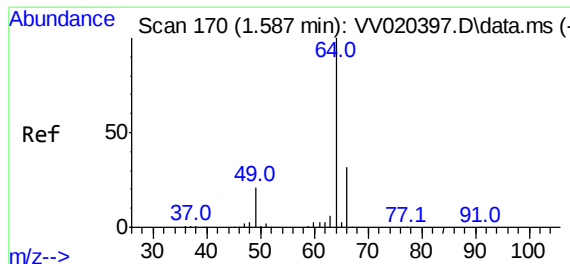
Tgt Ion: 62 Resp: 179835
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 41.06 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV020421.D
 Acq: 01 Mar 2021 10:21

Tgt Ion: 94 Resp: 117254
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.9 122.5

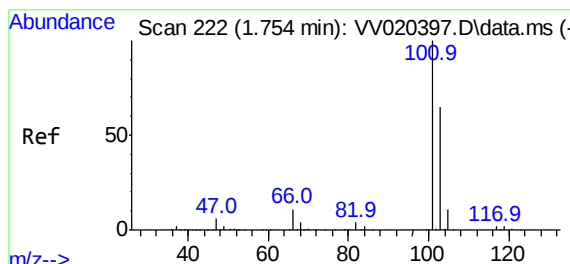
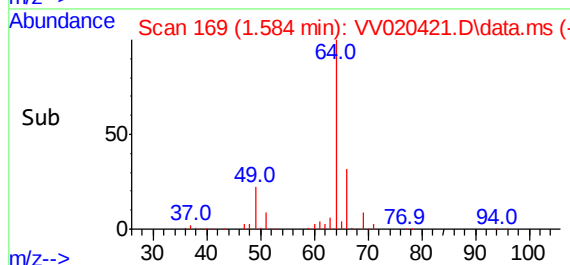
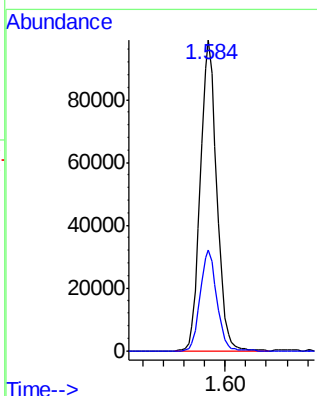
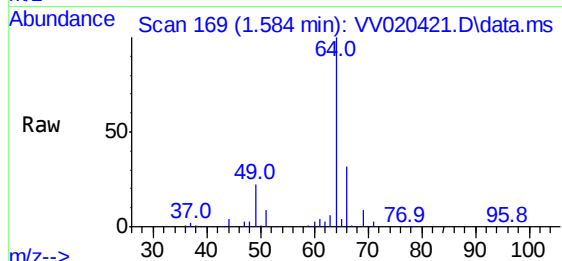




#8
Chloroethane
Concen: 40.93 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

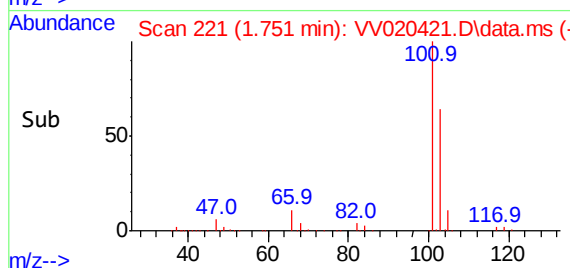
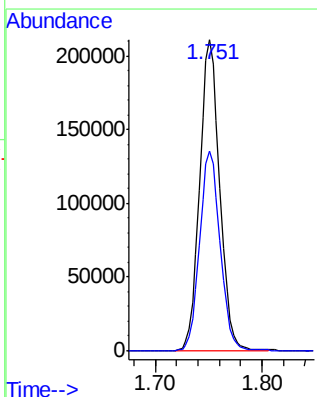
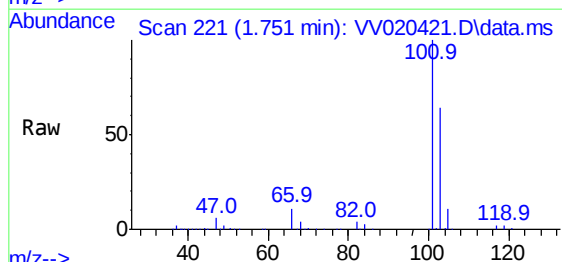
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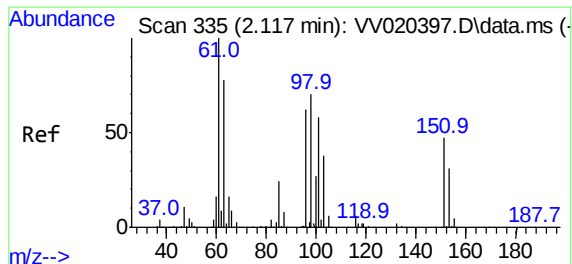
Tgt Ion: 64 Resp: 108814
Ion Ratio Lower Upper
64 100
66 32.4 21.8 40.4



#9
Trichlorofluoromethane
Concen: 41.75 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion:101 Resp: 271795
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6

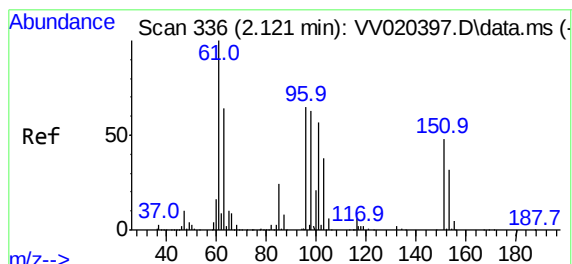
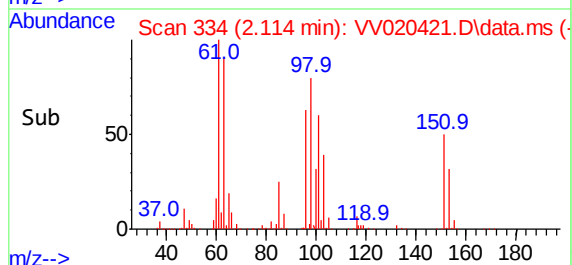
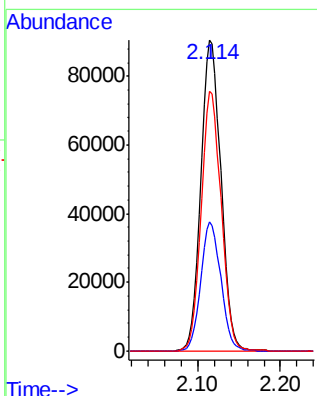
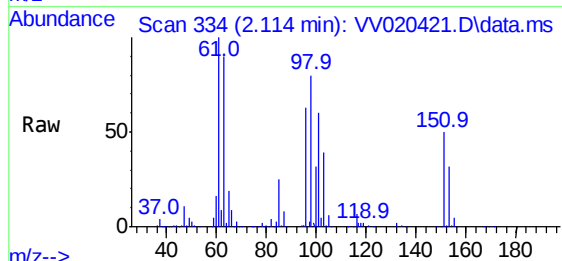




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.75 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV020421.D
 Acq: 01 Mar 2021 10:21

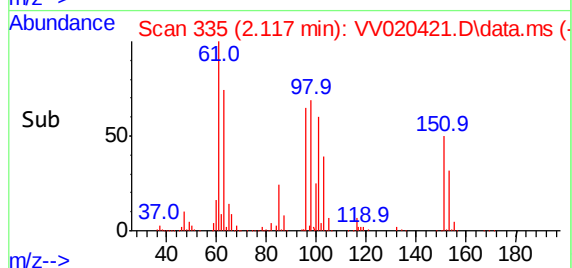
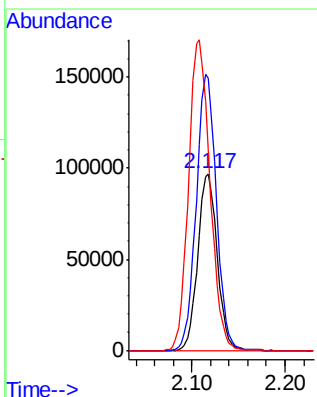
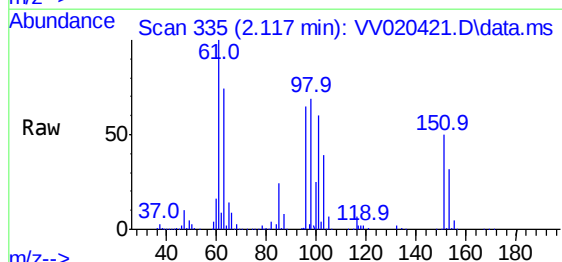
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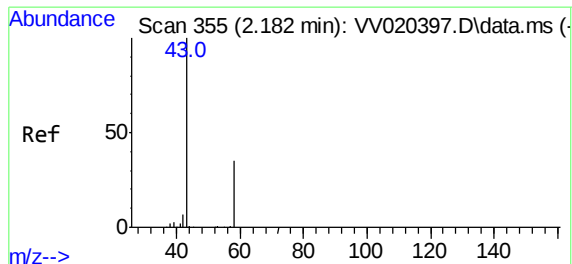
Tgt Ion:101 Resp: 152386
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.4 48.6
 151 83.2 71.0 106.6



#12
 1,1-Dichloroethene
 Concen: 42.23 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020421.D
 Acq: 01 Mar 2021 10:21

Tgt Ion: 96 Resp: 140537
 Ion Ratio Lower Upper
 96 100
 61 153.9 110.9 206.1
 63 113.5 82.1 152.5

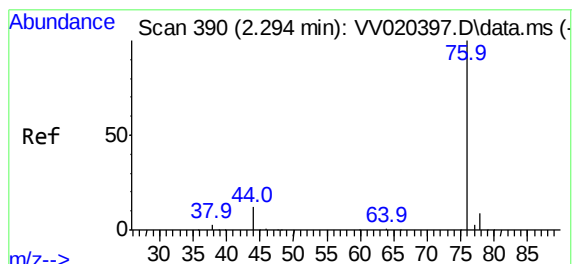
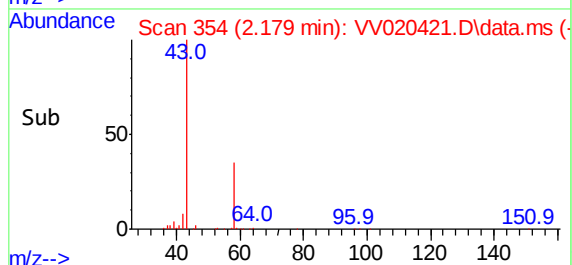
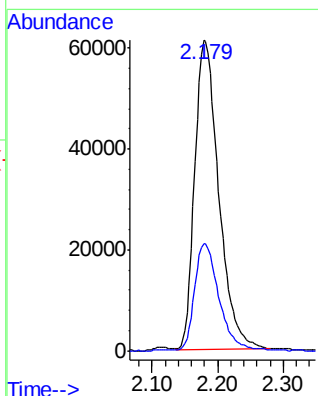
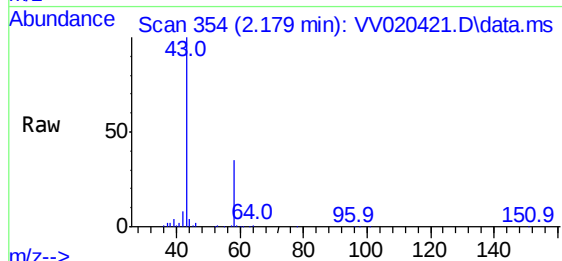




#13
Acetone
Concen: 98.86 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

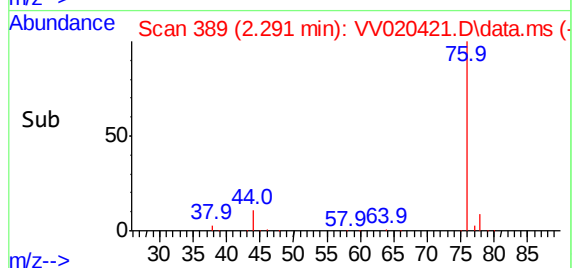
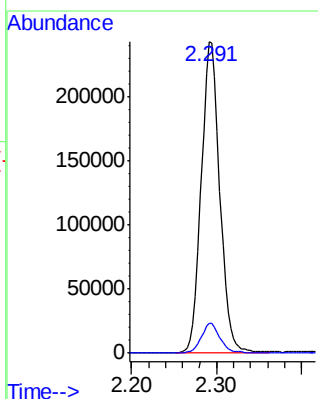
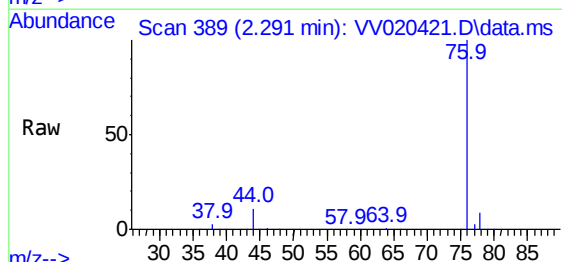
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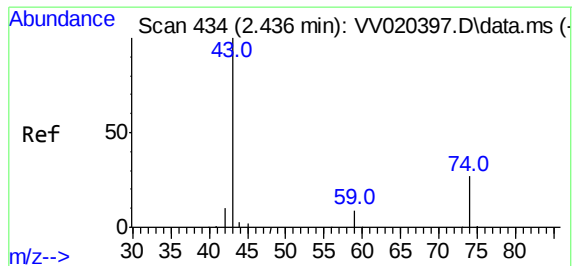
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Ion Ratio Lower Upper
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58 34.8 0.0 68.0



#14
Carbon disulfide
Concen: 42.12 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 76 Resp: 366390
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

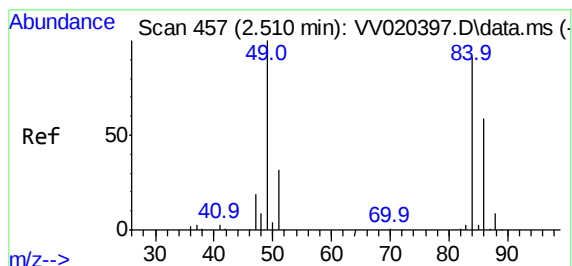
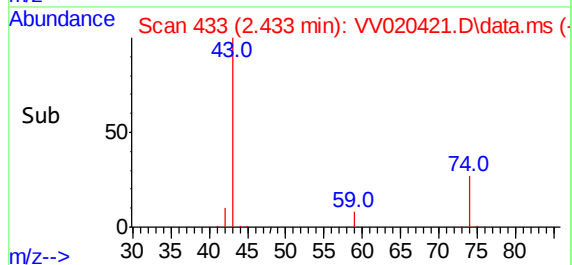
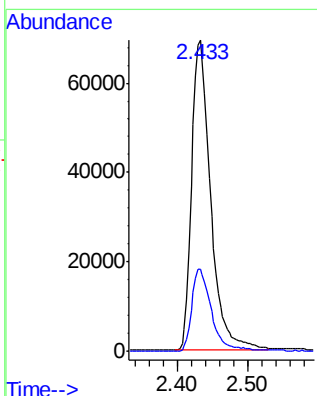
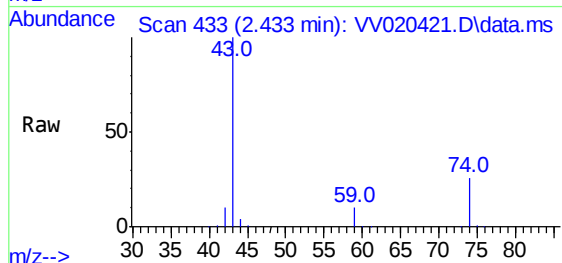




#15
Methyl Acetate
Concen: 39.64 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

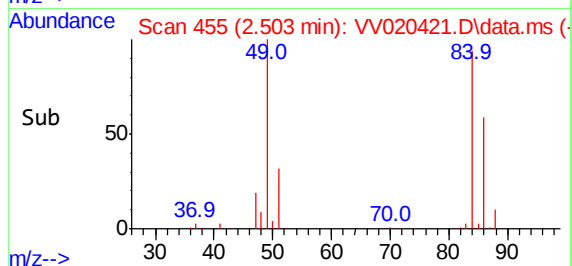
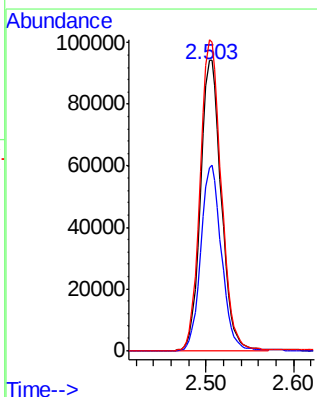
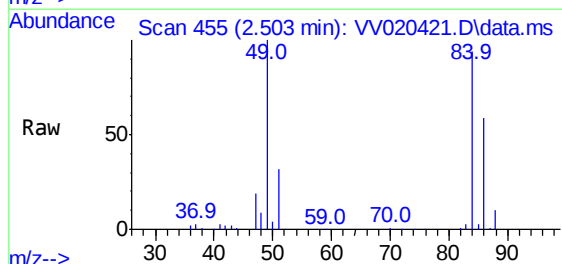
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

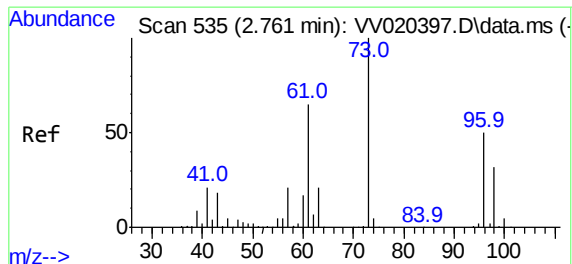
Tgt Ion: 43 Resp: 129873
Ion Ratio Lower Upper
43 100
74 26.5 20.6 30.8



#16
Methylene chloride
Concen: 40.89 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.006 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 84 Resp: 154603
Ion Ratio Lower Upper
84 100
86 63.0 44.8 83.2
49 106.8 78.5 145.7

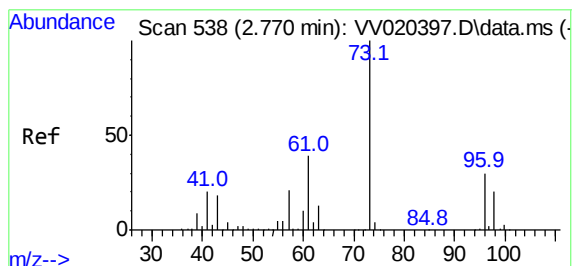
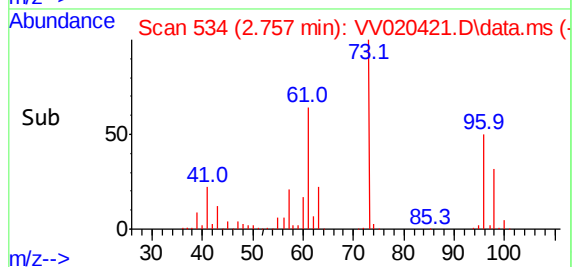
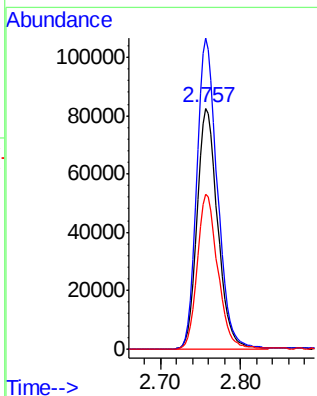
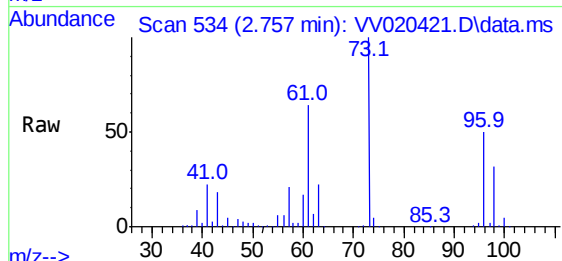




#17
trans-1,2-Dichloroethene
Concen: 41.38 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

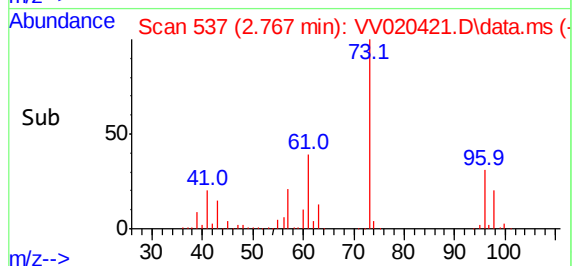
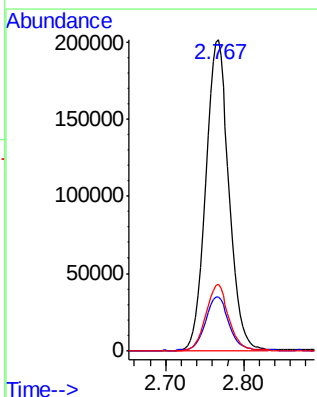
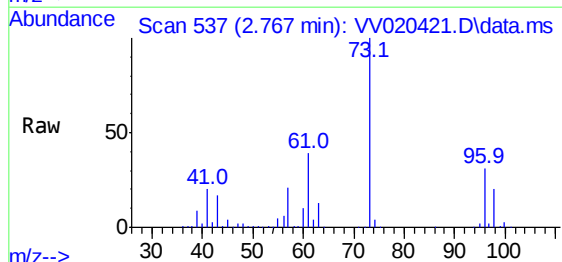
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

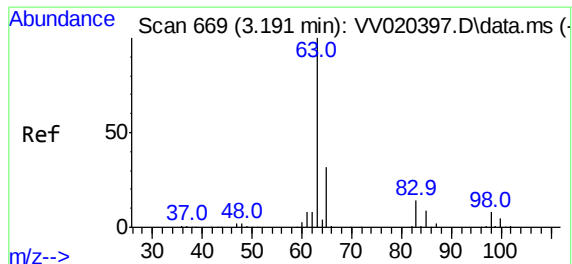
Tgt Ion: 96 Resp: 143610
Ion Ratio Lower Upper
96 100
61 129.1 92.0 170.9
98 64.5 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 39.92 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 73 Resp: 417916
Ion Ratio Lower Upper
73 100
43 17.5 15.0 22.6
57 20.9 17.2 25.8

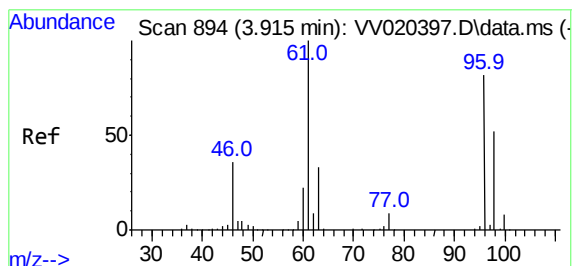
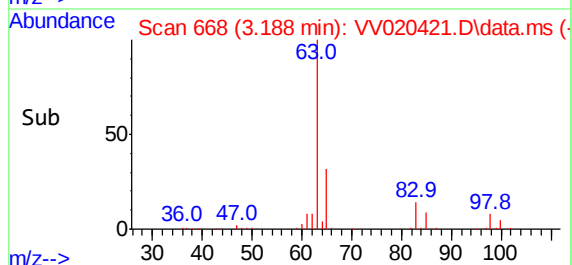
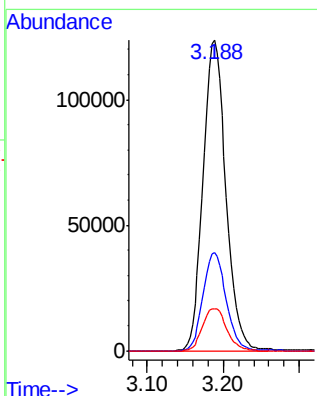
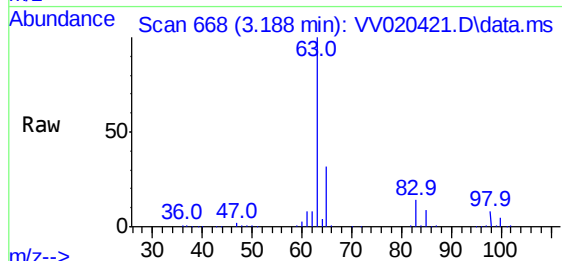




#19
1,1-Dichloroethane
Concen: 40.68 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

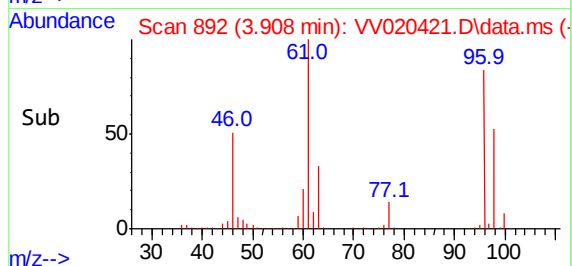
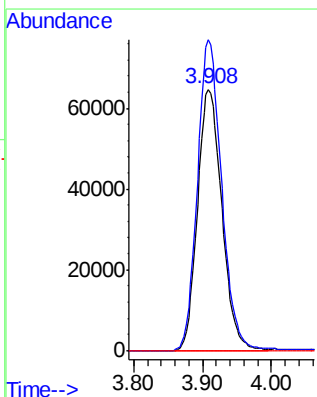
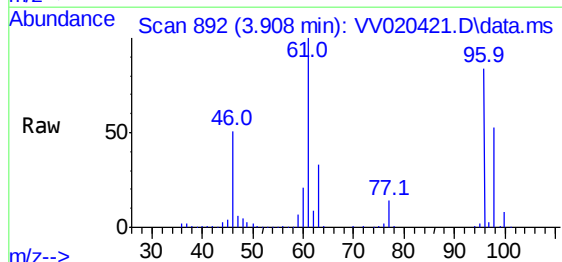
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

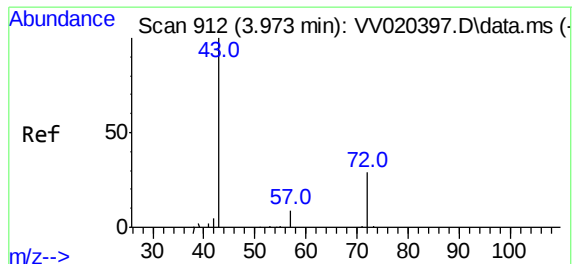
Tgt Ion: 63 Resp: 257296
Ion Ratio Lower Upper
63 100
65 31.6 21.8 40.4
83 13.6 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 41.39 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 96 Resp: 159144
Ion Ratio Lower Upper
96 100
61 118.9 90.6 168.3
68 0.0 0.0 0.0

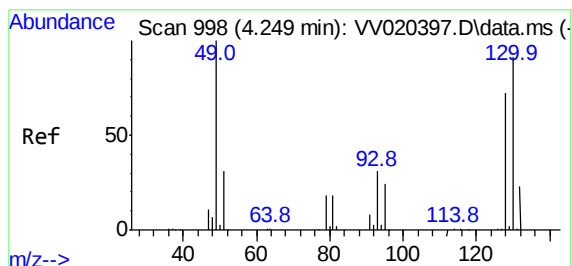
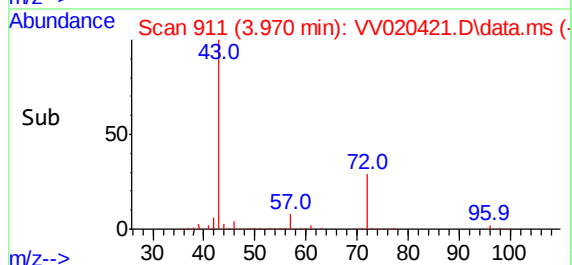
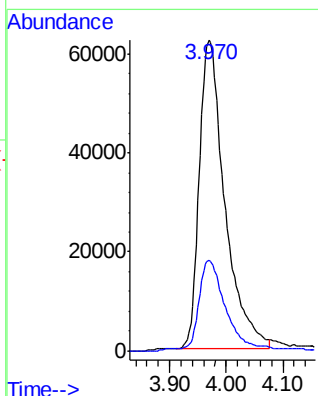
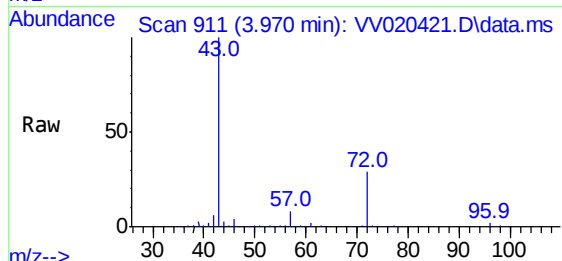




#22
2-Butanone
Concen: 87.81 ug/L
RT: 3.970 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

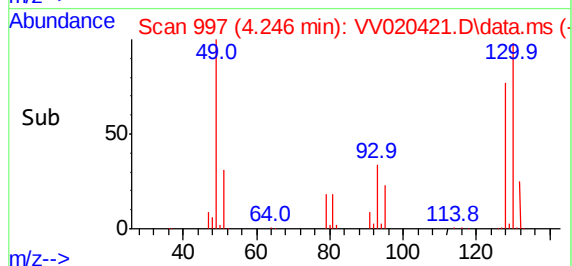
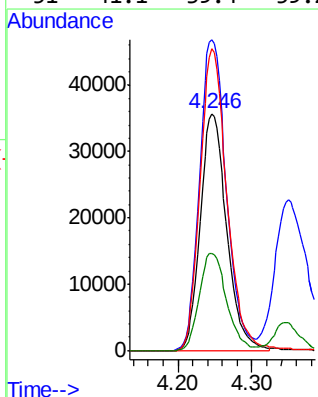
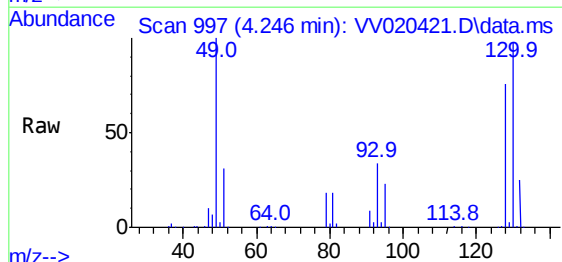
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

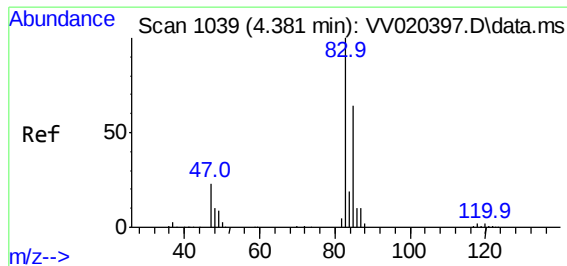
Tgt Ion: 43 Resp: 195875
Ion Ratio Lower Upper
43 100
72 27.1 12.7 38.1



#23
Bromochloromethane
Concen: 42.45 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 128 Resp: 88047
Ion Ratio Lower Upper
128 100
49 131.2 109.8 203.8
130 127.6 92.8 172.4
51 41.1 39.4 59.2

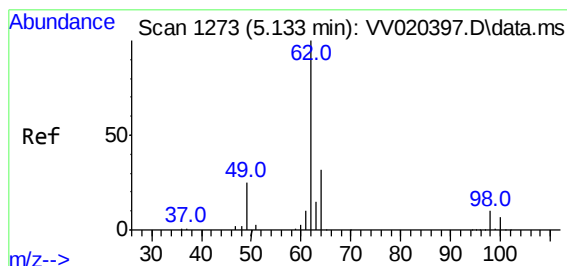
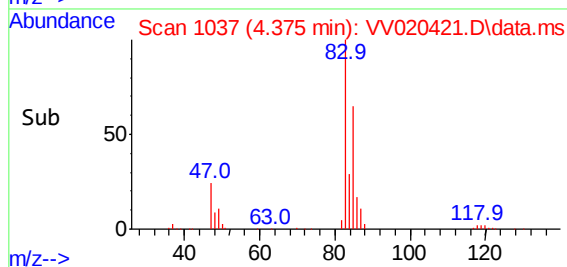
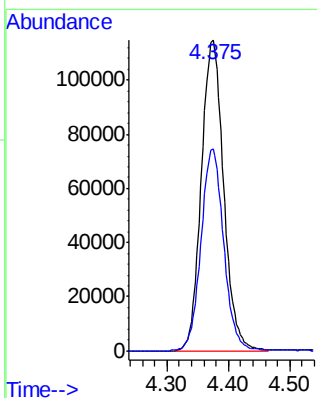
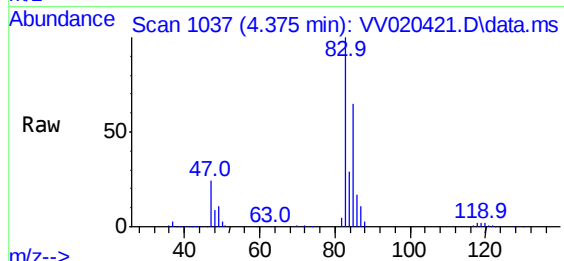




#25
Chloroform
Concen: 41.90 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

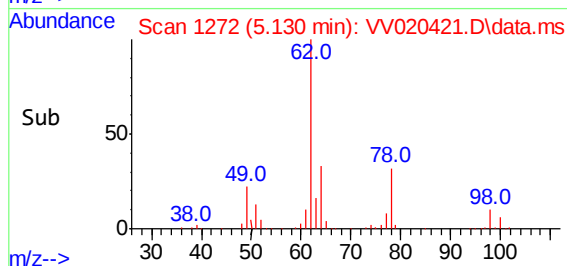
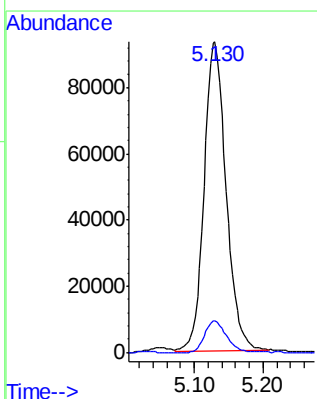
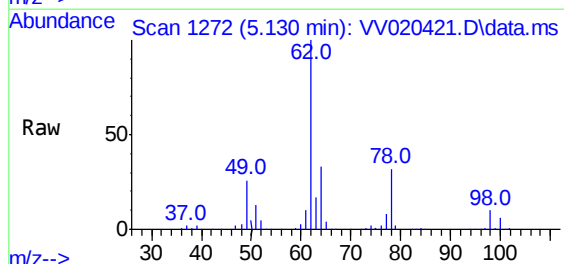
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

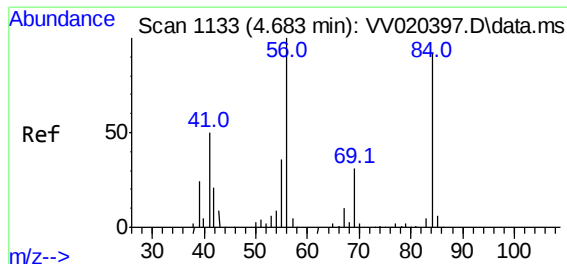
Tgt Ion: 83 Resp: 290165
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 40.22 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 62 Resp: 206469
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.6

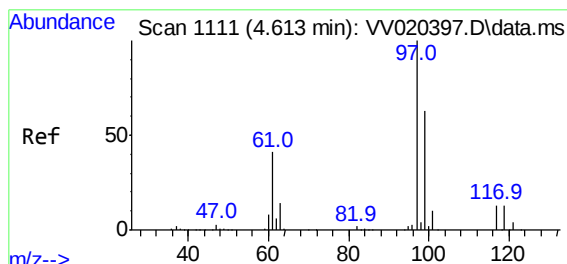
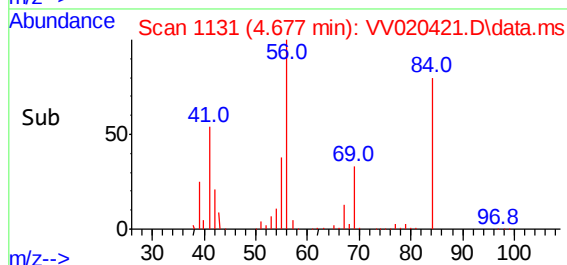
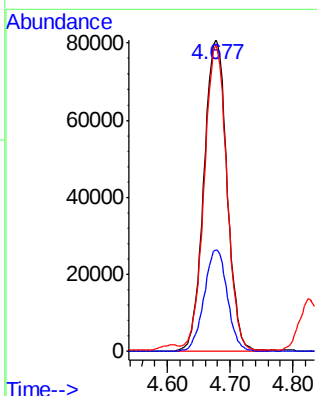
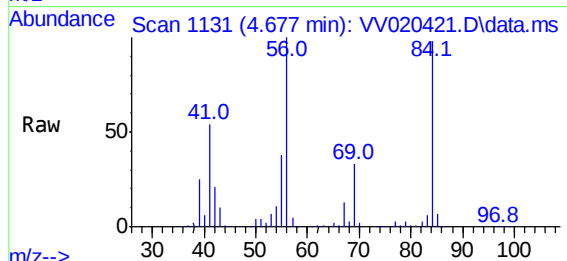




#29
Cyclohexane
Concen: 41.11 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

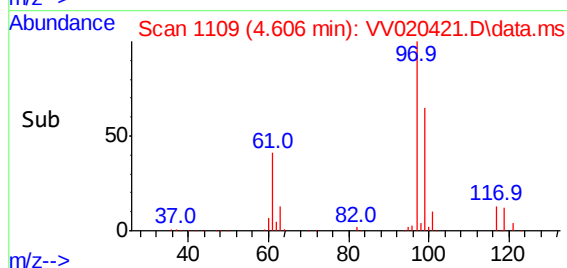
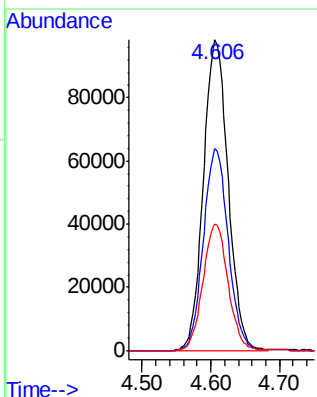
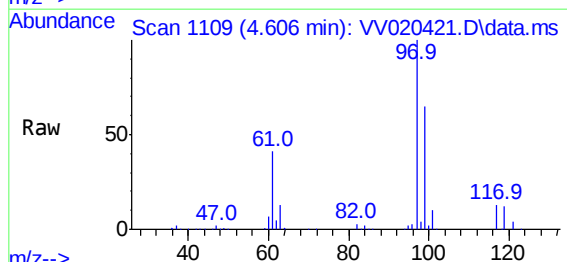
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

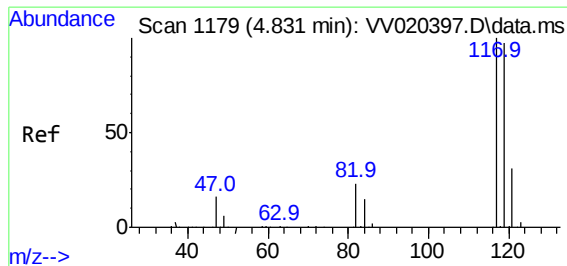
Tgt Ion: 56 Resp: 205044
Ion Ratio Lower Upper
56 100
69 32.3 25.1 37.7
84 96.4 70.6 106.0



#30
1,1,1-Trichloroethane
Concen: 41.55 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 97 Resp: 245222
Ion Ratio Lower Upper
97 100
99 65.4 51.9 77.9
61 41.2 35.4 53.2

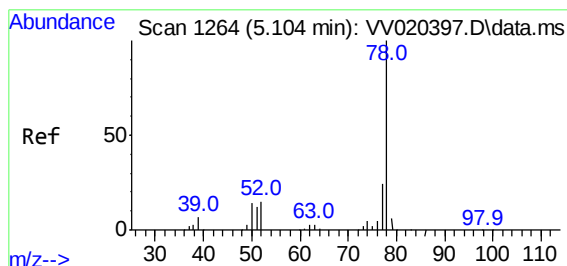
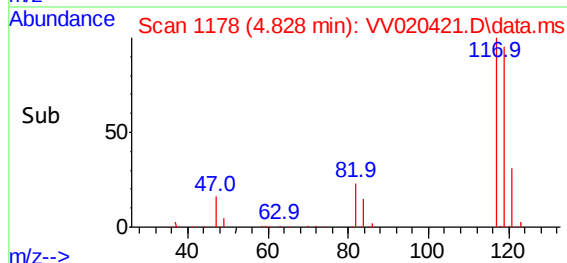
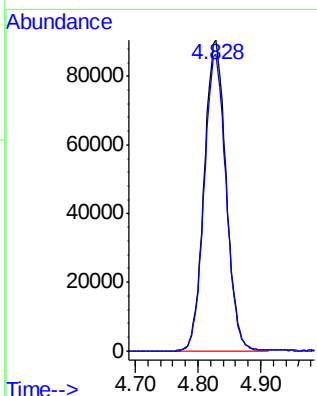
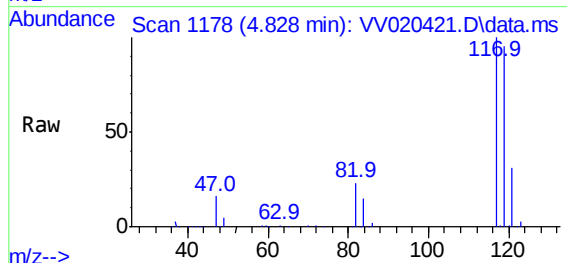




#31
Carbon tetrachloride
Concen: 42.33 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

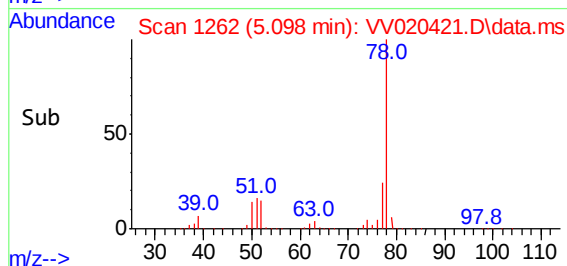
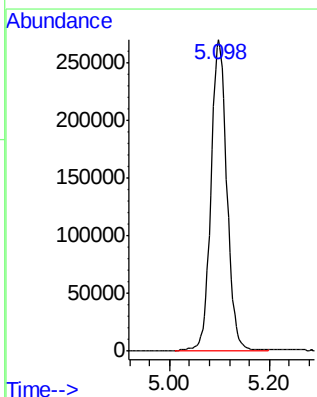
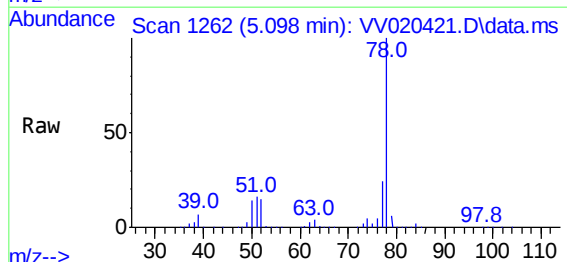
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

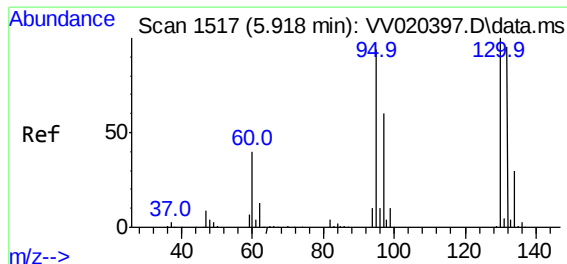
Tgt Ion:117 Resp: 217488
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 42.22 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 78 Resp: 594949

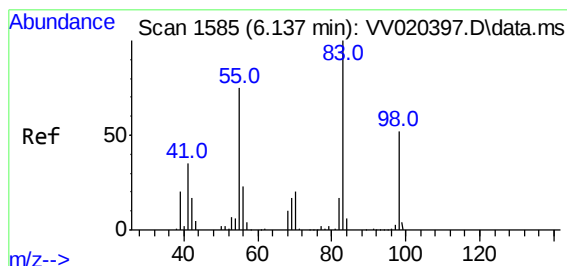
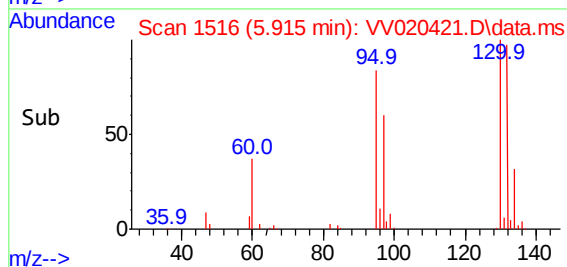
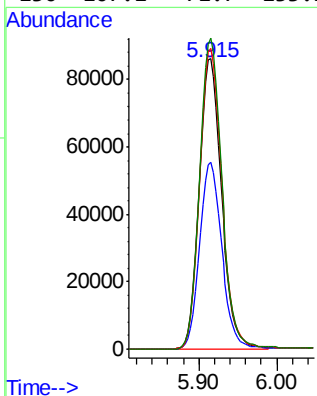
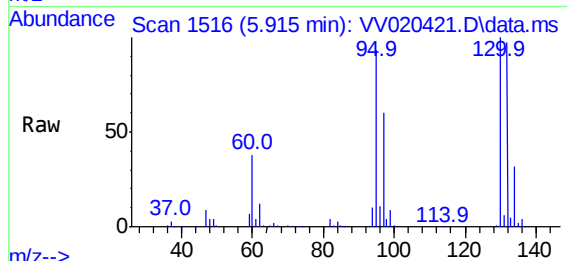




#34
Trichloroethene
Concen: 41.73 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

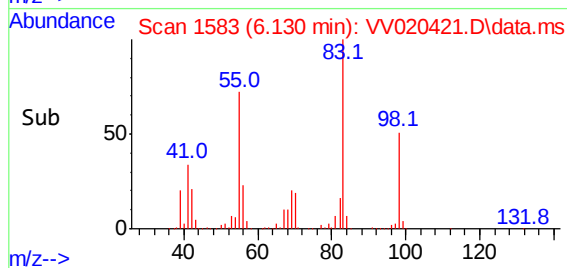
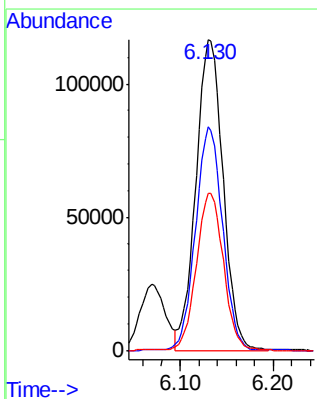
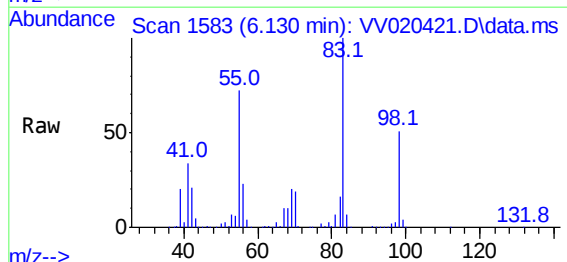
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

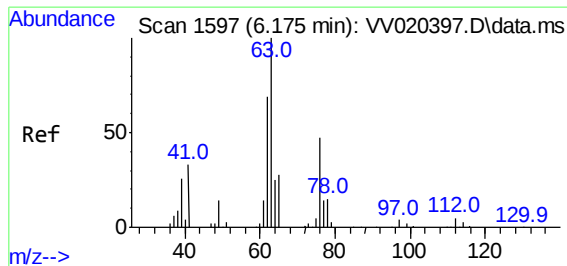
Tgt Ion: 95 Resp: 170986
Ion Ratio Lower Upper
95 100
97 64.1 45.4 84.4
132 103.5 68.7 127.7
130 107.1 71.7 133.1



#35
Methylcyclohexane
Concen: 43.18 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 83 Resp: 236976
Ion Ratio Lower Upper
83 100
55 71.5 61.4 92.0
98 50.5 39.9 59.9

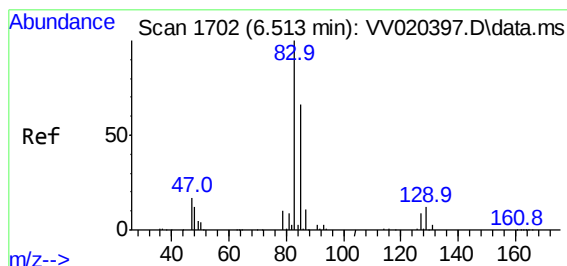
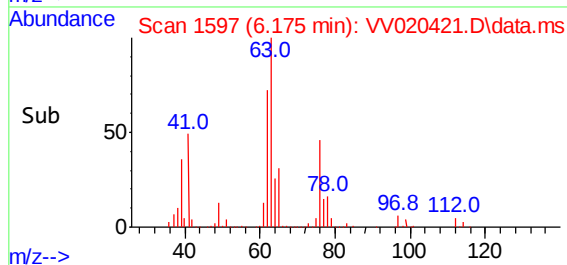
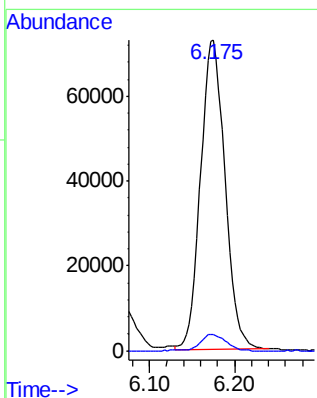
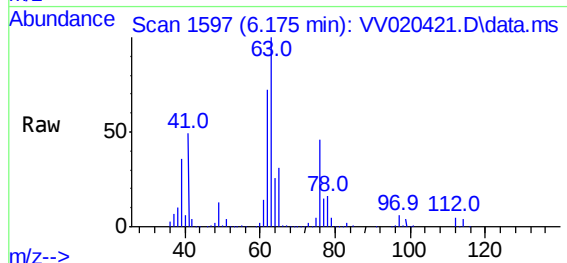




#37
1,2-Dichloropropane
Concen: 40.44 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

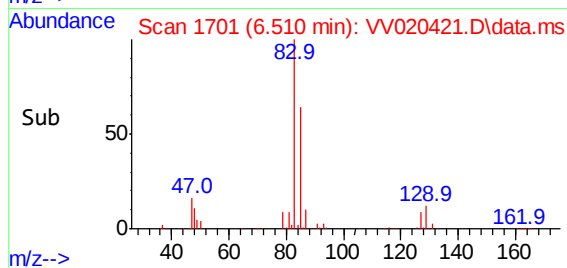
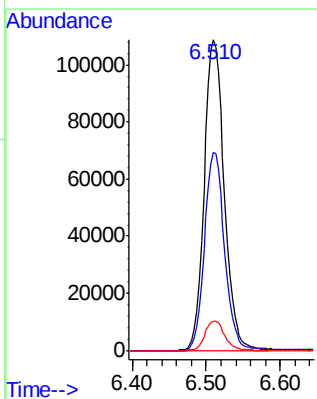
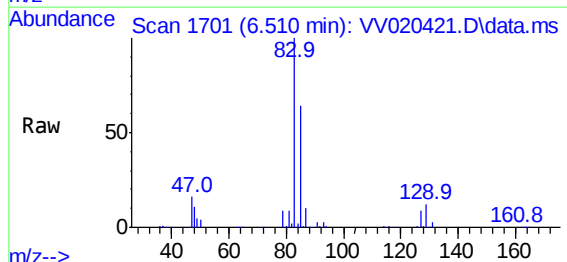
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

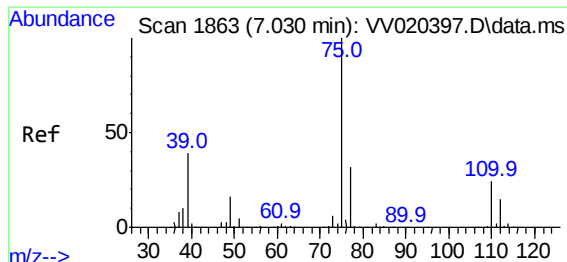
Tgt Ion: 63 Resp: 145098
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 41.51 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 83 Resp: 204221
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.2
127 9.3 6.8 10.2

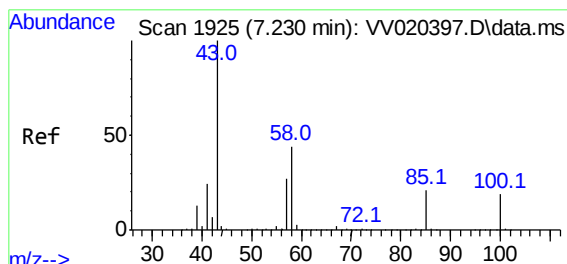
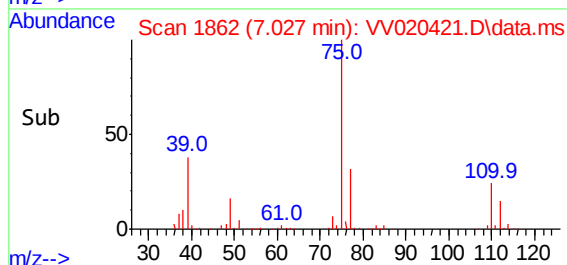
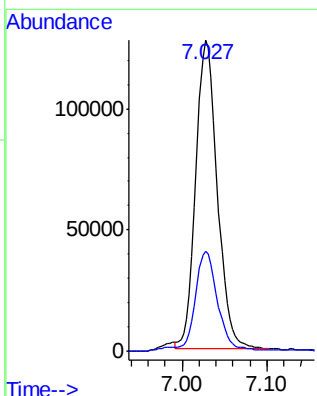
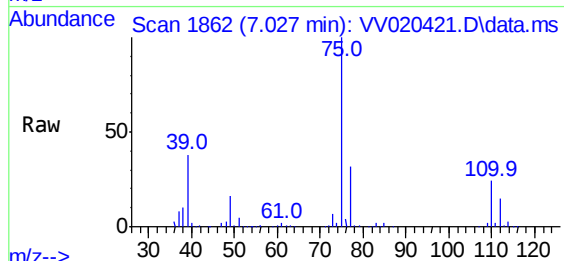




#39
cis-1,3-Dichloropropene
Concen: 41.22 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

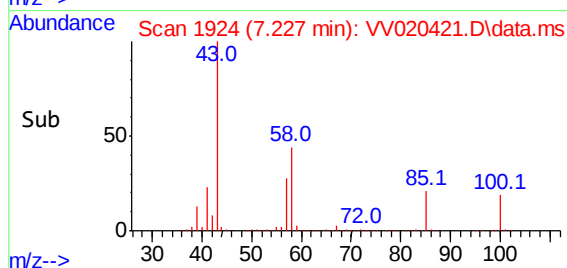
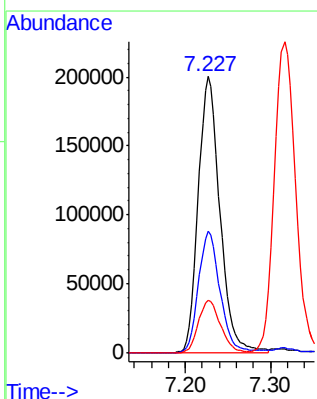
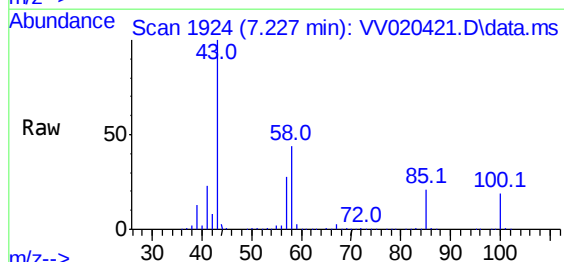
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

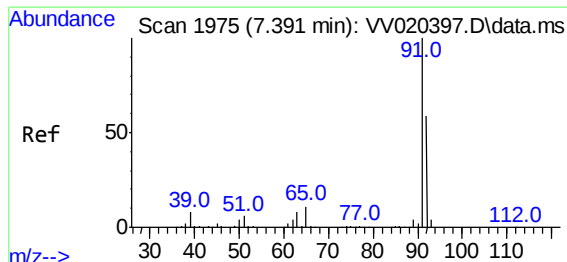
Tgt Ion: 75 Resp: 224791
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 79.66 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 43 Resp: 353281
Ion Ratio Lower Upper
43 100
58 43.6 32.1 48.1
100 19.2 13.4 20.0





#42

Toluene

Concen: 42.78 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV020421.D

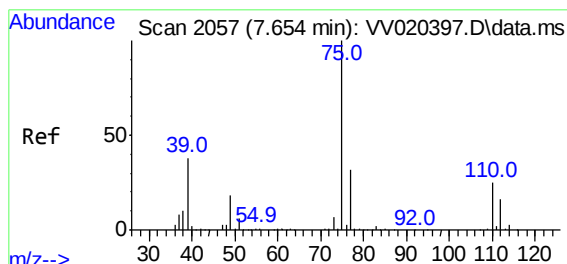
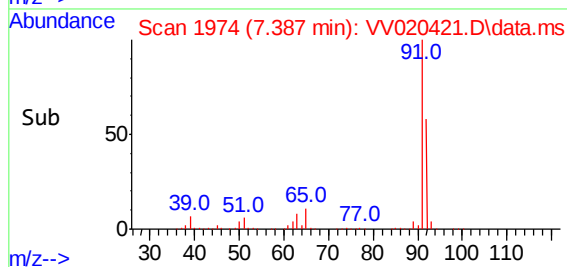
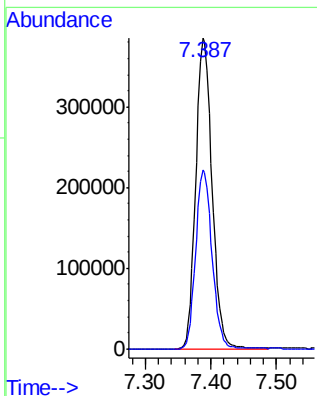
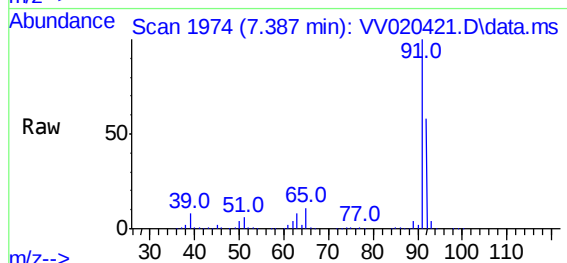
Acq: 01 Mar 2021 10:21

Tgt Ion: 91 Resp: 658683

Ion Ratio Lower Upper

91 100

92 57.7 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 42.43 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV020421.D

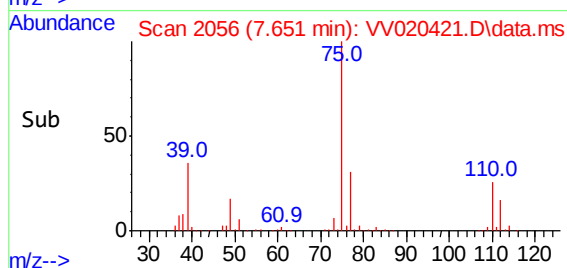
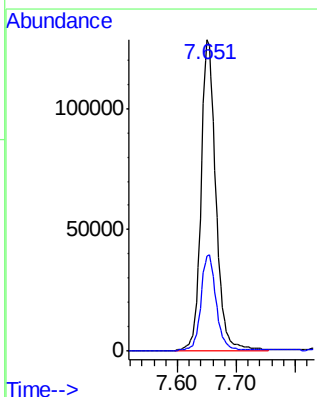
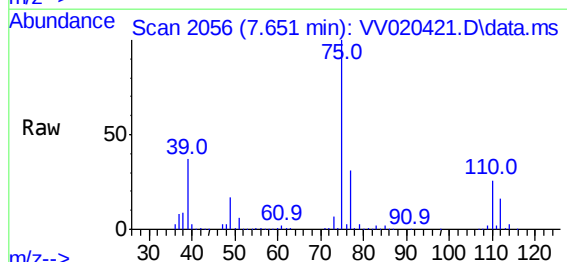
Acq: 01 Mar 2021 10:21

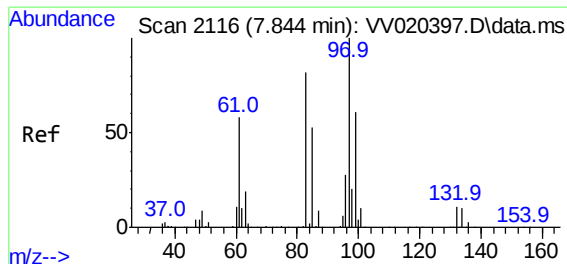
Tgt Ion: 75 Resp: 225845

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.7



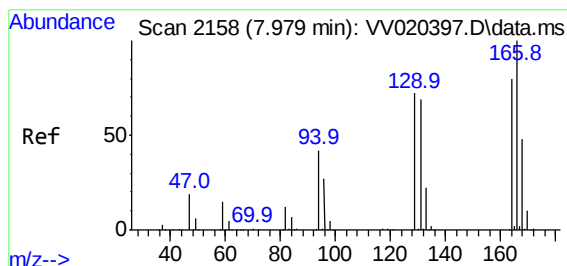
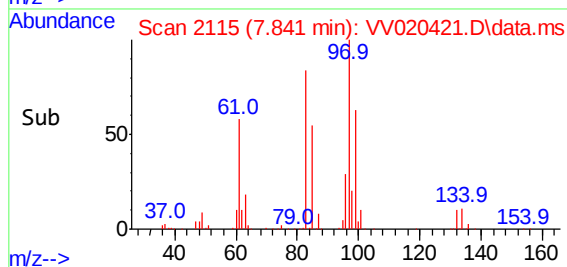
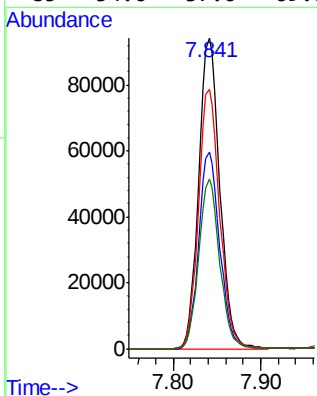
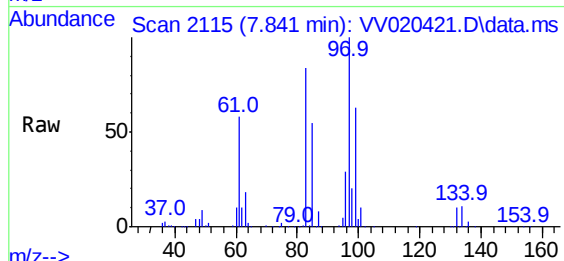


#45
1,1,2-Trichloroethane
Concen: 41.93 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

Tgt Ion: 97 Resp: 157632

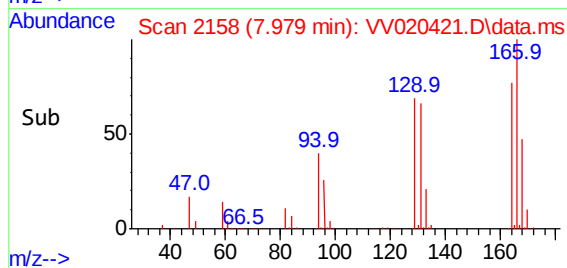
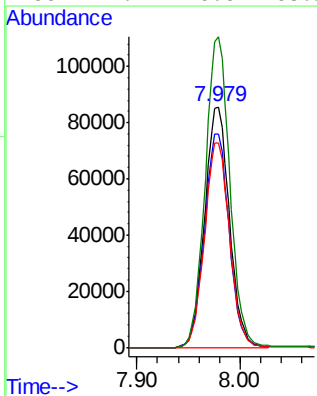
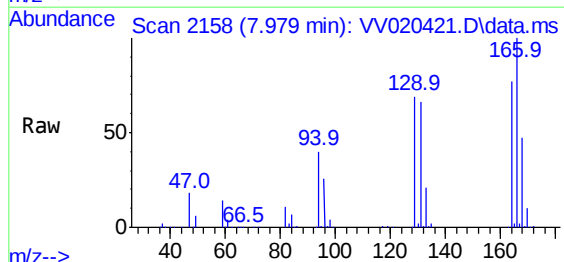
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.0	79.8
83	83.6	57.8	107.4
85	54.6	37.6	69.8

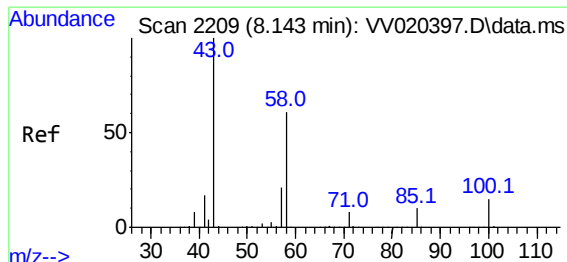


#46
Tetrachloroethene
Concen: 43.18 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 164 Resp: 142146

Ion	Ratio	Lower	Upper
164	100		
129	89.0	64.0	118.8
131	85.1	61.2	113.8
166	129.2	90.6	168.3



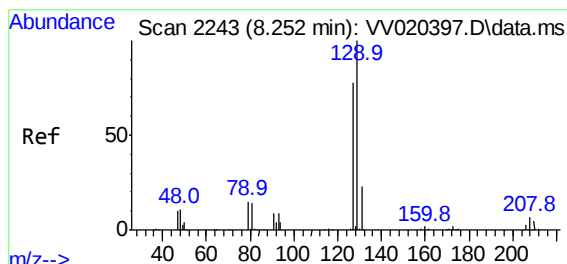
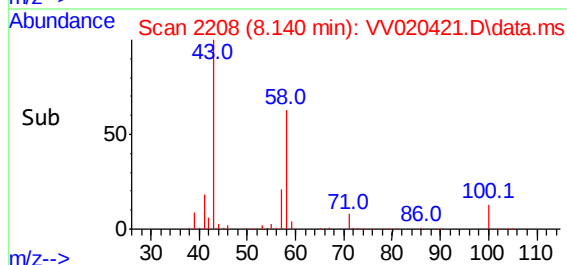
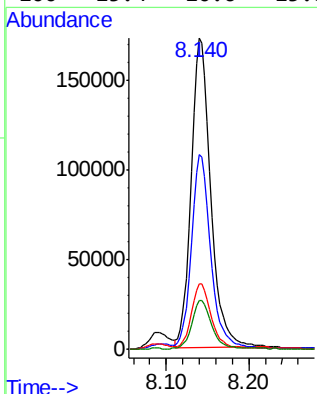
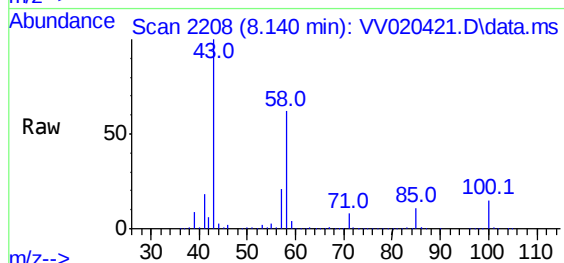


#48
2-Hexanone
Concen: 84.42 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

Tgt Ion: 43 Resp: 289334

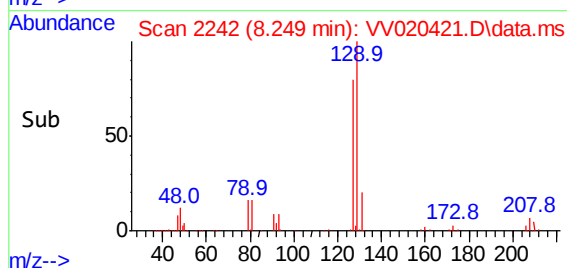
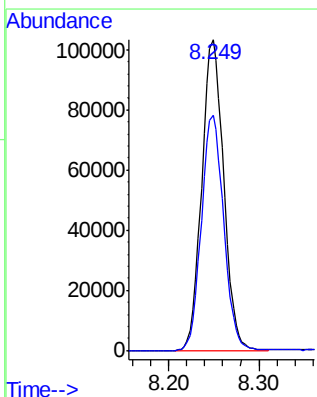
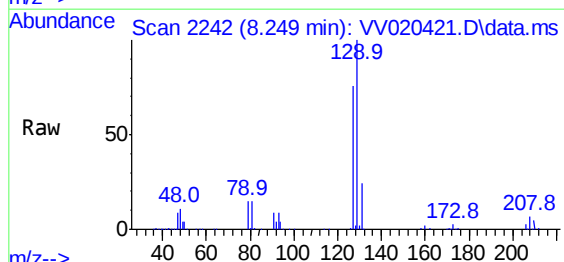
Ion	Ratio	Lower	Upper
43	100		
58	61.4	45.3	67.9
57	21.2	15.8	23.6
100	15.4	10.6	15.8

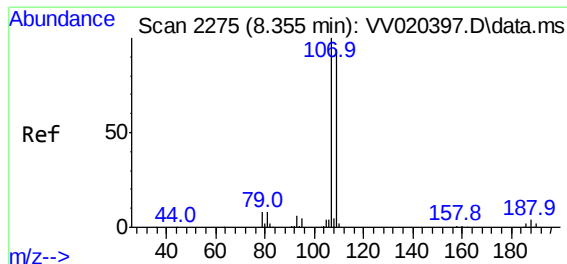


#49
Dibromochloromethane
Concen: 42.73 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 129 Resp: 173556

Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.7	101.7

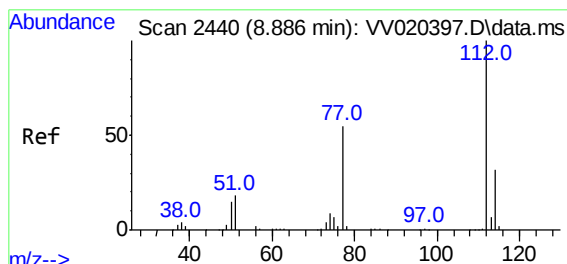
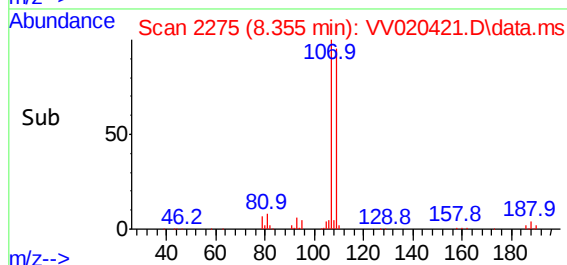
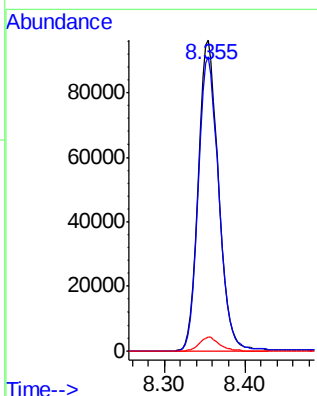
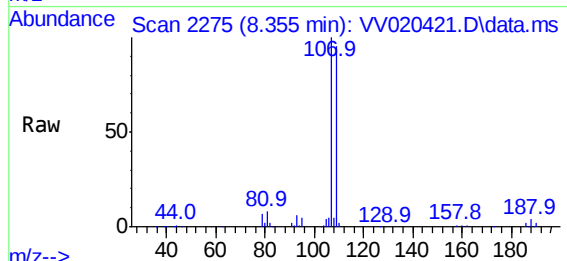




#50
1,2-Dibromoethane
Concen: 40.80 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

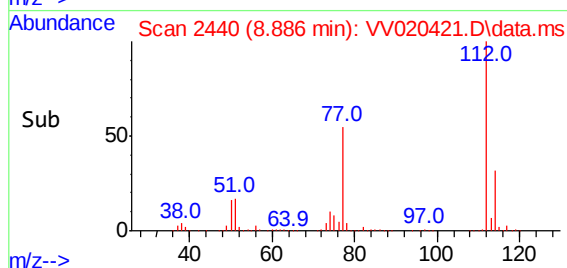
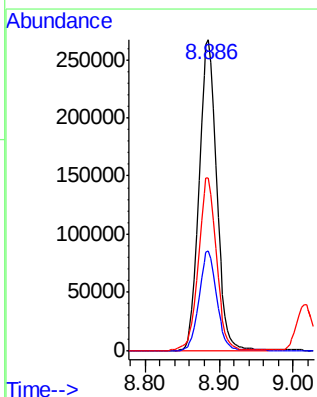
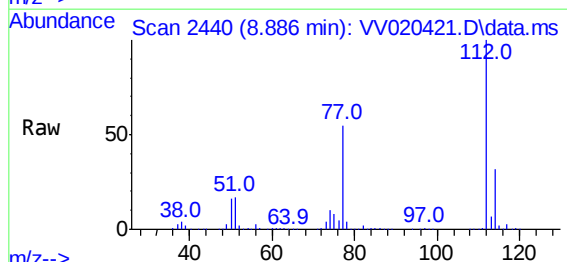
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

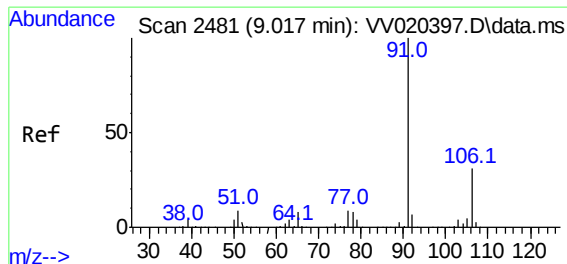
Tgt Ion:107 Resp: 163126
Ion Ratio Lower Upper
107 100
109 94.5 66.2 123.0
188 4.5 3.6 5.4



#51
Chlorobenzene
Concen: 40.93 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion:112 Resp: 440488
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 55.3 47.3 70.9

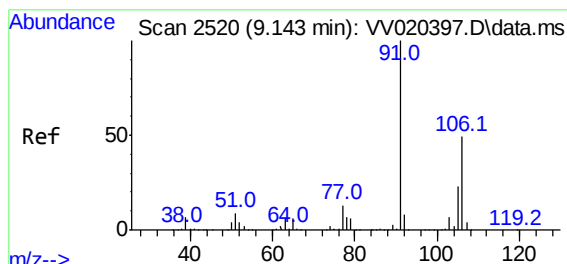
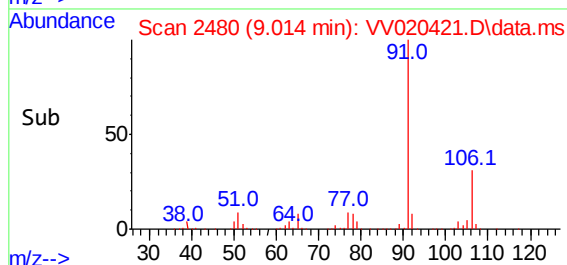
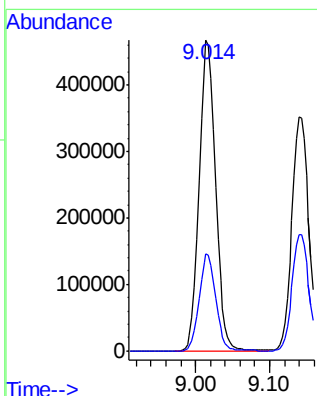
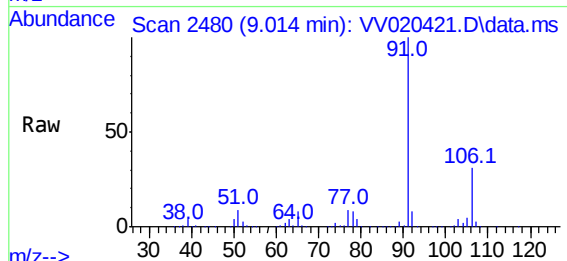




#52
Ethylbenzene
Concen: 42.25 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

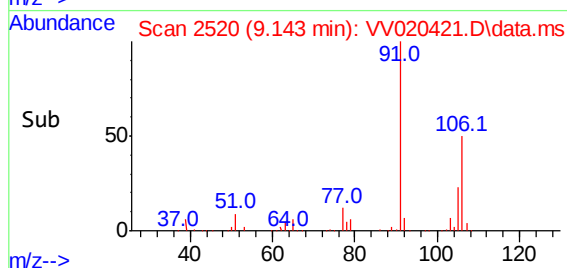
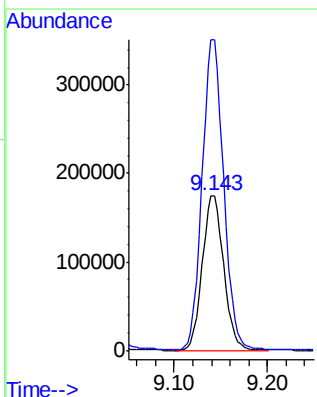
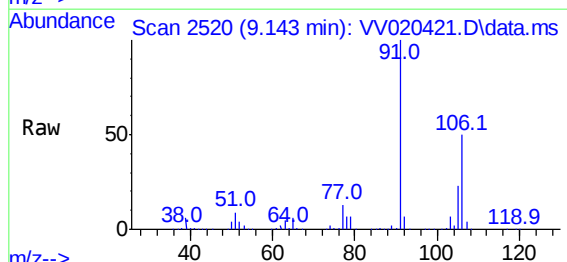
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

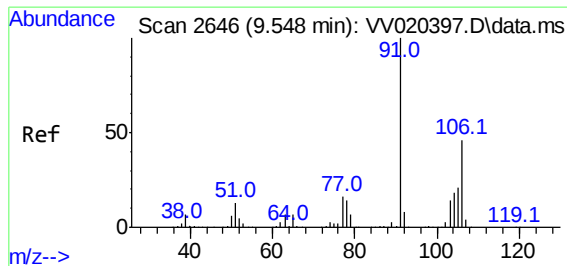
Tgt Ion: 91 Resp: 722256
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.6



#53
m,p-Xylene
Concen: 42.68 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 106 Resp: 278881
Ion Ratio Lower Upper
106 100
91 200.7 143.1 265.7

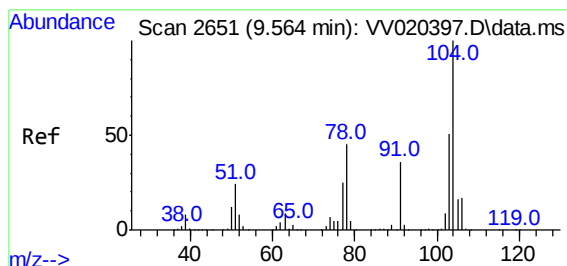
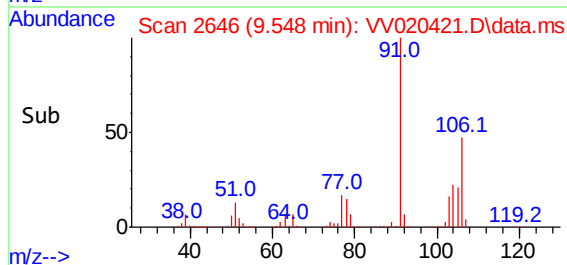
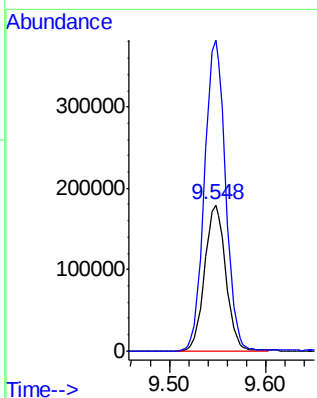
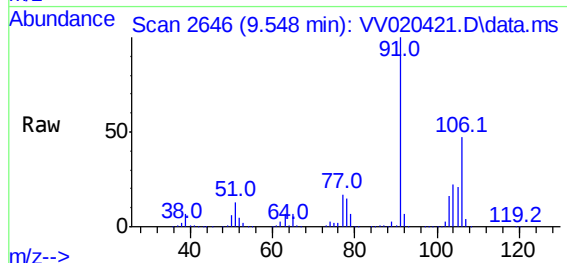




#54
o-Xylene
Concen: 42.03 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

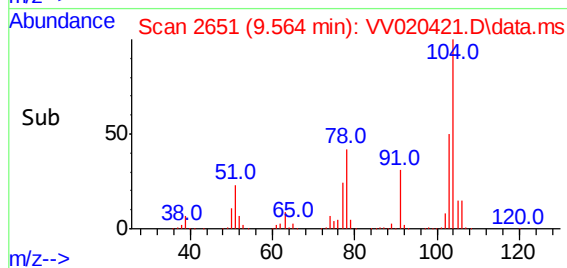
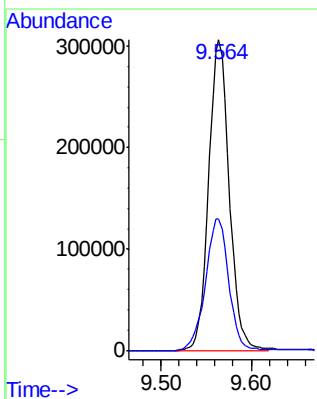
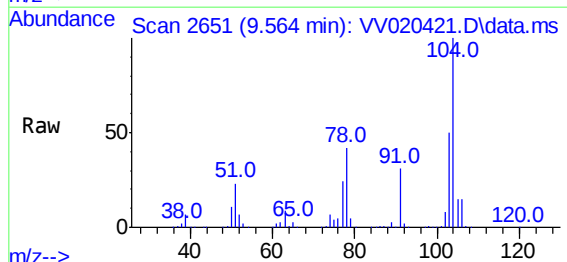
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

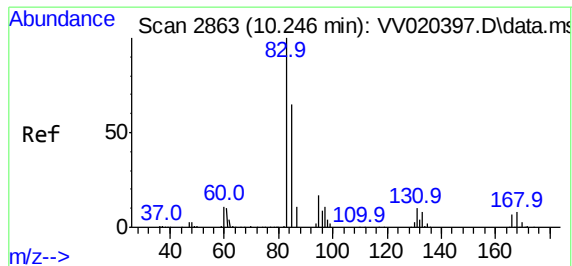
Tgt Ion:106 Resp: 269649
Ion Ratio Lower Upper
106 100
91 213.3 153.6 285.3



#55
Styrene
Concen: 43.63 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion:104 Resp: 480479
Ion Ratio Lower Upper
104 100
78 42.5 31.6 58.8



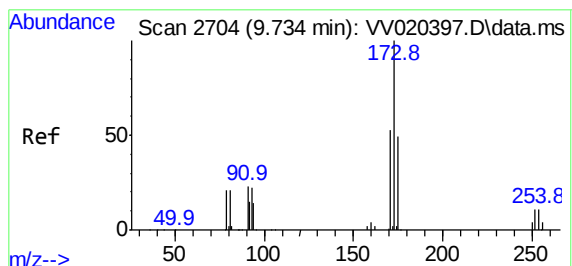
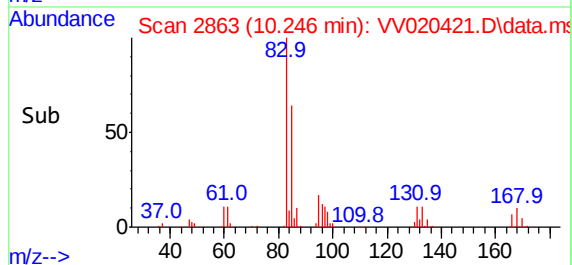
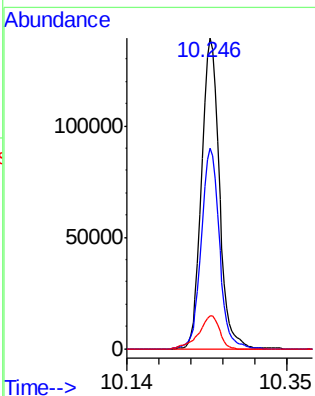
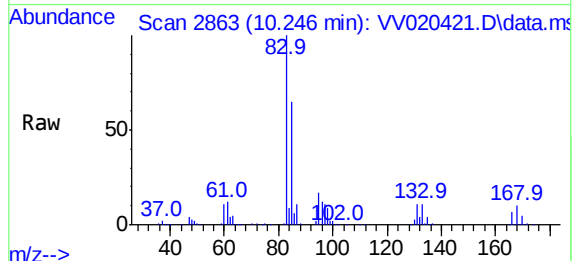


#57
1,1,2,2-Tetrachloroethane
Concen: 40.37 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

Tgt Ion: 83 Resp: 223615

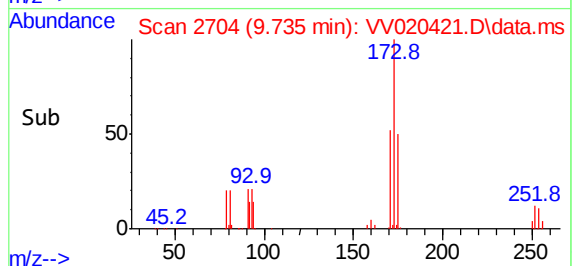
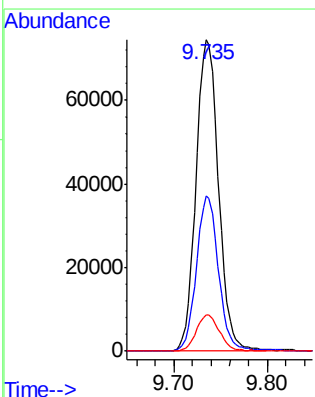
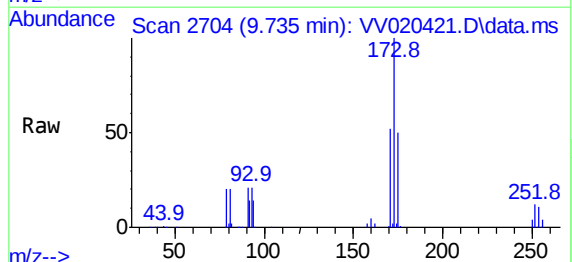
Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.4	84.4
131	10.7	8.6	12.8

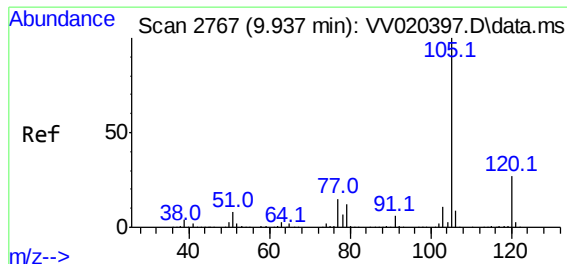


#59
Bromoform
Concen: 41.29 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 173 Resp: 124619

Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.0	58.6
254	11.4	9.5	14.3

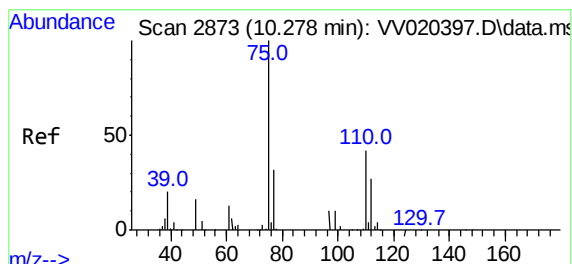
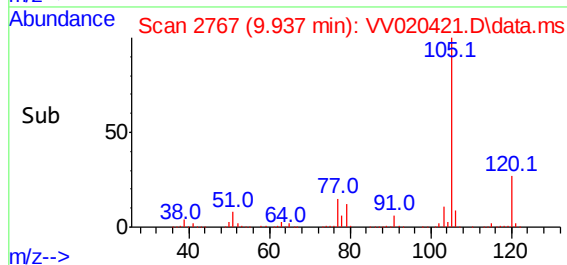
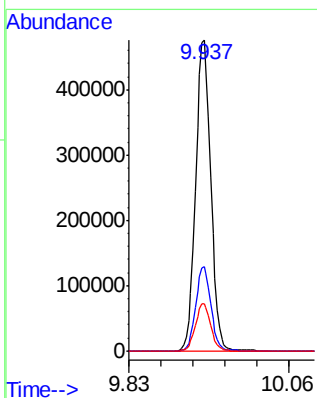
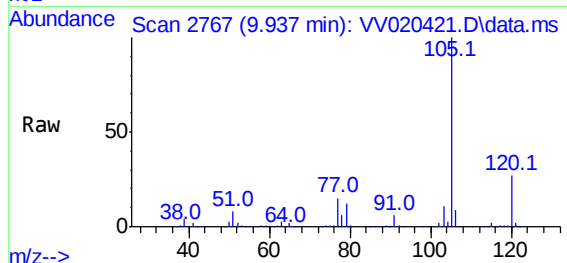




#60
Isopropylbenzene
Concen: 41.29 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

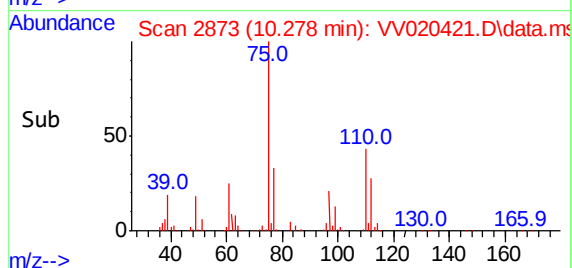
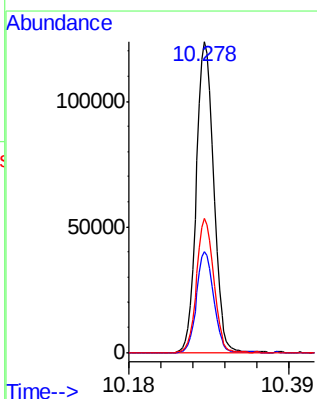
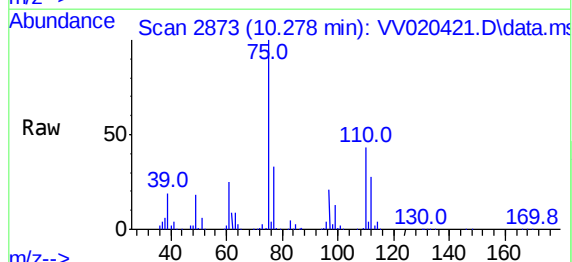
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

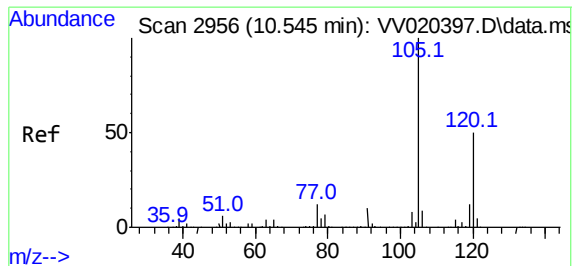
Tgt Ion:105 Resp: 729872
Ion Ratio Lower Upper
105 100
120 27.0 21.2 31.8
77 15.2 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 38.30 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion: 75 Resp: 194110
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 42.5 33.3 49.9

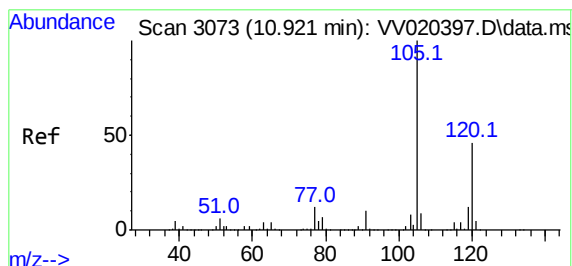
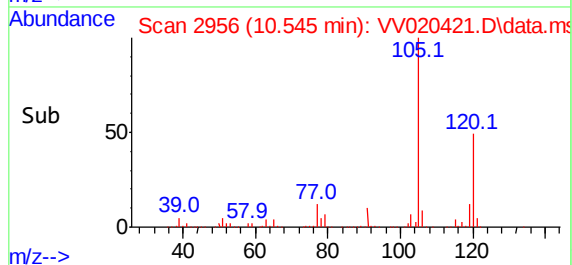
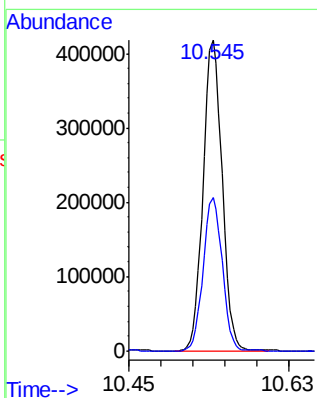
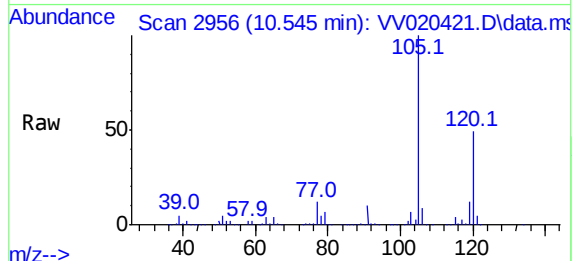




#62
1,3,5-Trimethylbenzene
Concen: 41.92 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

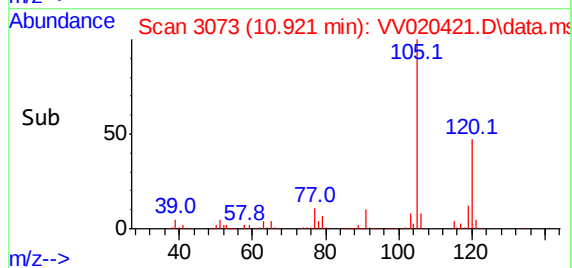
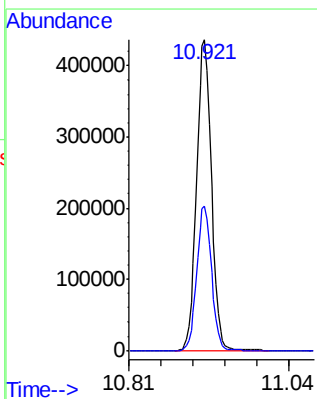
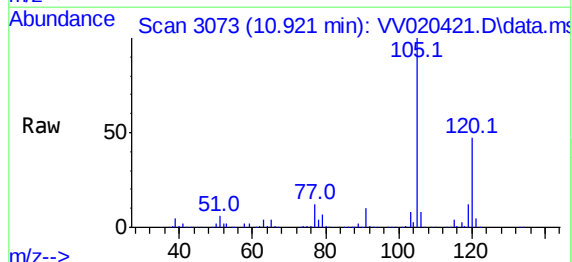
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

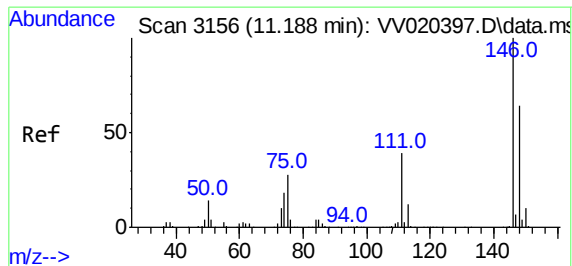
Tgt Ion:105 Resp: 607076
Ion Ratio Lower Upper
105 100
120 49.6 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 42.61 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion:105 Resp: 632337
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.6

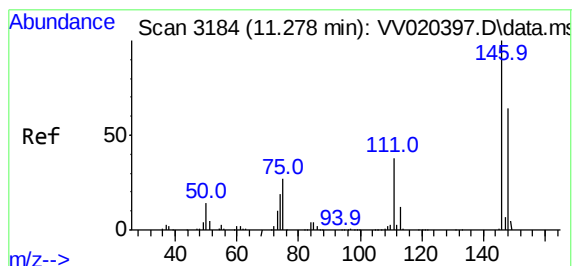
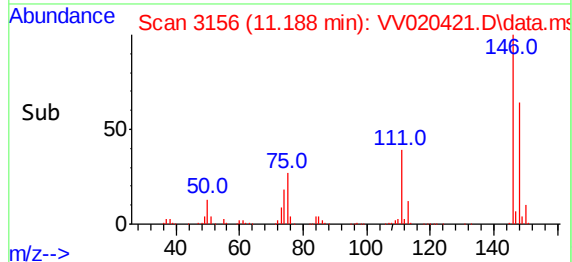
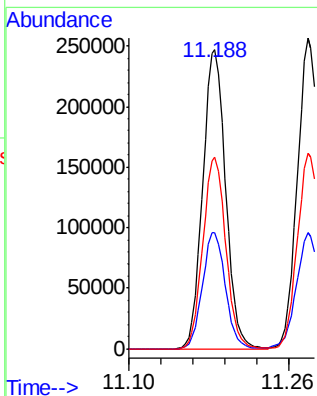
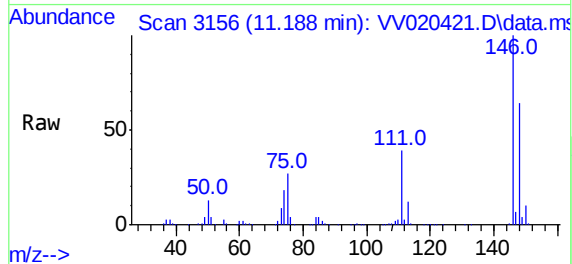




#64
1,3-Dichlorobenzene
Concen: 40.82 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

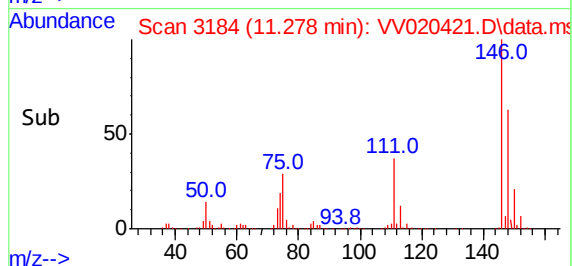
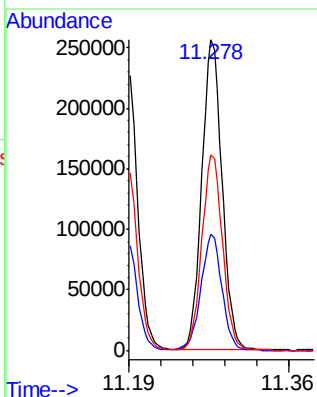
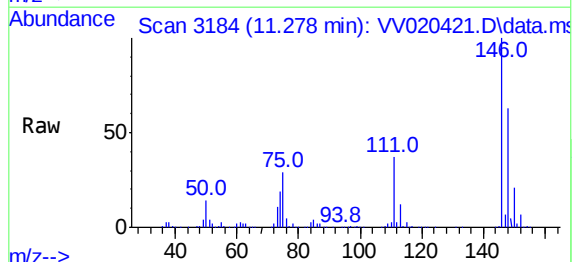
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

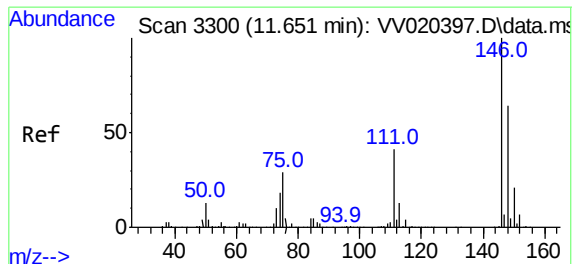
Tgt Ion:146 Resp: 379433
Ion Ratio Lower Upper
146 100
111 38.8 27.4 51.0
148 64.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 40.22 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

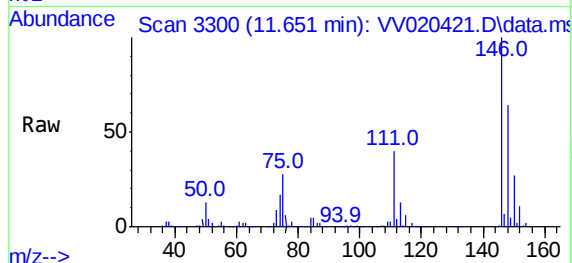
Tgt Ion:146 Resp: 388686
Ion Ratio Lower Upper
146 100
111 37.2 26.1 48.5
148 63.1 44.6 82.8





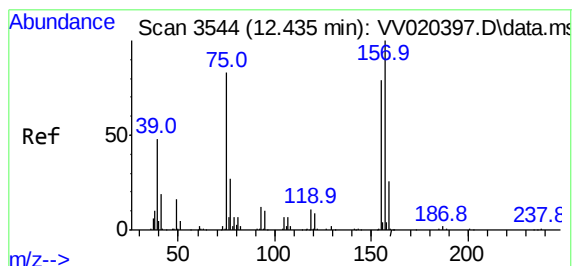
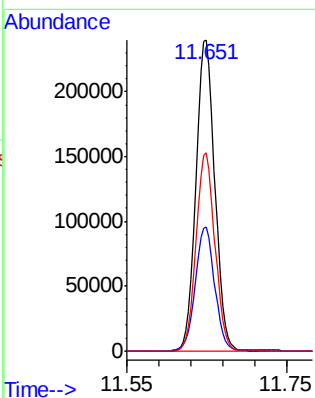
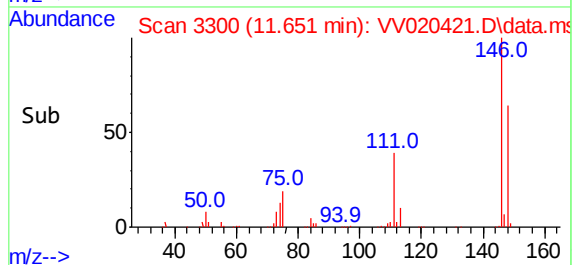
#67
 1,2-Dichlorobenzene
 Concen: 41.22 ug/L
 RT: 11.651 min Scan# 3300
 Delta R.T. 0.000 min
 Lab File: VV020421.D
 Acq: 01 Mar 2021 10:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050170

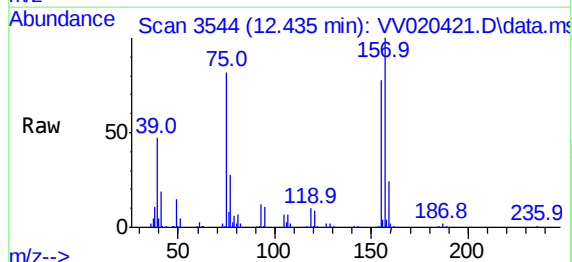


Tgt Ion:146 Resp: 382919

Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.4	48.6
148	63.8	51.0	76.4

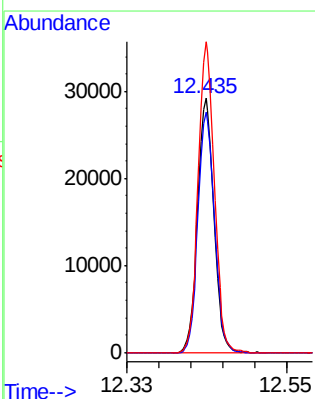
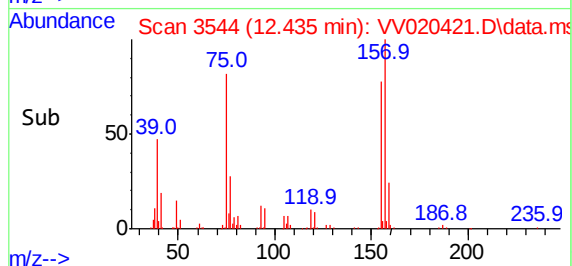


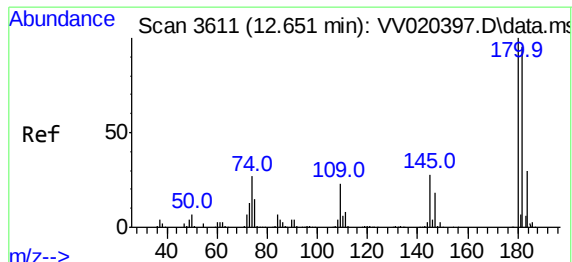
#68
 1,2-Dibromo-3-chloropropane
 Concen: 38.97 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.000 min
 Lab File: VV020421.D
 Acq: 01 Mar 2021 10:21



Tgt Ion: 75 Resp: 45875

Ion	Ratio	Lower	Upper
75	100		
155	94.8	74.1	111.1
157	122.4	95.8	143.8

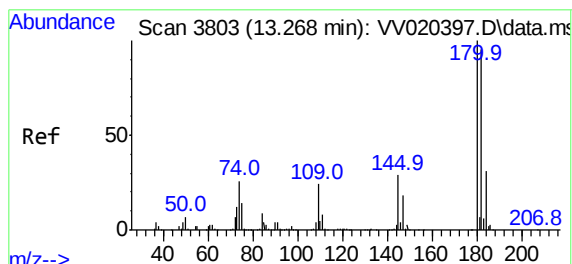
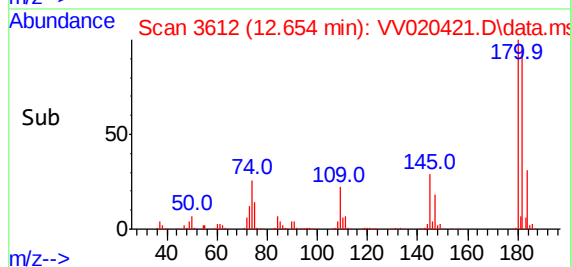
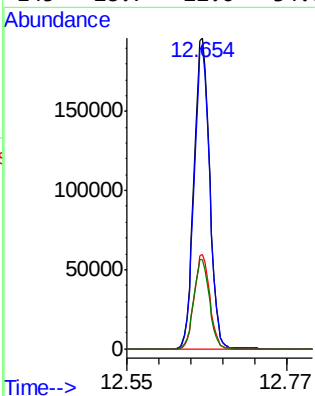
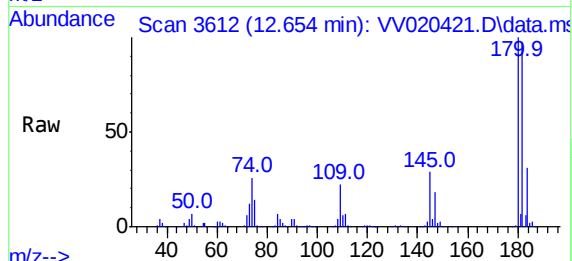




#69
1,3,5-Trichlorobenzene
Concen: 41.40 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

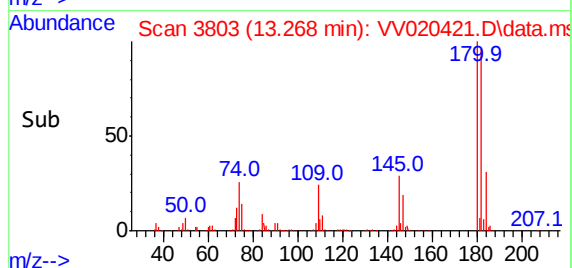
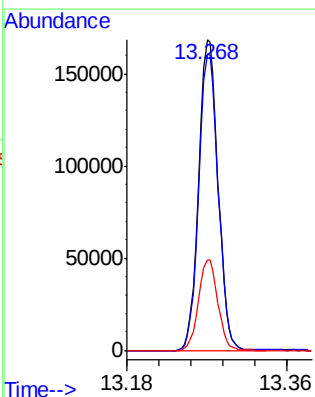
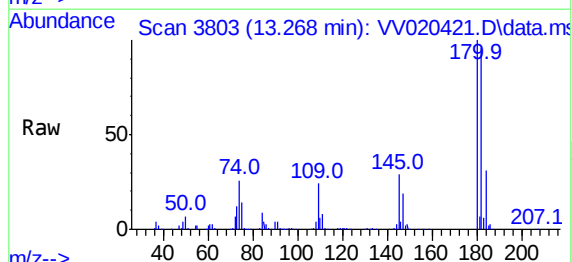
Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

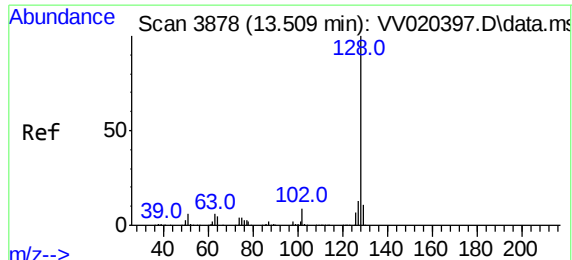
Tgt Ion:180 Resp: 300107
Ion Ratio Lower Upper
180 100
182 96.6 76.1 114.1
184 30.1 24.1 36.1
145 28.7 22.6 34.0



#70
1,2,4-trichlorobenzene
Concen: 41.10 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion:180 Resp: 258608
Ion Ratio Lower Upper
180 100
182 95.8 77.1 115.7
145 29.0 23.4 35.2

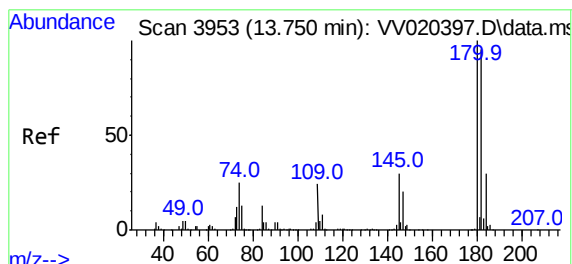
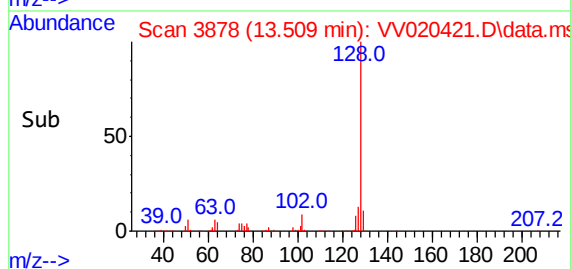
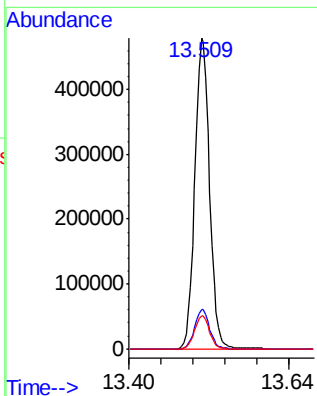
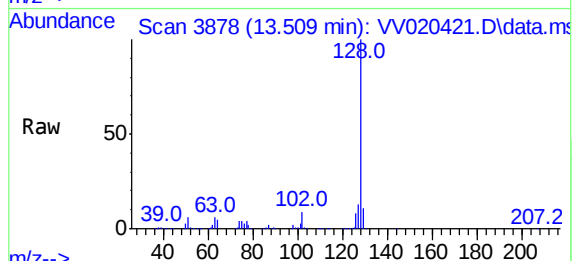




#71
Naphthalene
Concen: 41.24 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD050170

Tgt Ion:128 Resp: 717145
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 42.33 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020421.D
Acq: 01 Mar 2021 10:21

Tgt Ion:180 Resp: 267797
Ion Ratio Lower Upper
180 100
182 95.4 76.6 114.8
145 30.2 24.5 36.7

