

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020819.D
 Acq On : 01 Apr 2021 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 07:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 04:39:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	686321	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	677689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	417927	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	191962	39.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.80%
7) Chloroethane-d5	1.571	69	160972	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.111	63	419020	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
21) 2-Butanone-d5	3.889	46	300480	94.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.79%
24) Chloroform-d	4.352	84	489959	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
26) 1,2-Dichloroethane-d4	5.034	65	322336	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
32) Benzene-d6	5.053	84	873587	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.072	67	255817	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.26%
41) Toluene-d8	7.320	98	856717	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%
43) trans-1,3-Dichloroprop...	7.622	79	151083	51.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.40%
47) 2-Hexanone-d5	8.091	63	234945	101.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.05%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	385370	47.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.631	152	378503	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	298672	46.45	ug/L	100
3) Chloromethane	1.243	50	202700	39.49	ug/L	99
5) Vinyl chloride	1.314	62	225439	42.99	ug/L	99
6) Bromomethane	1.526	94	157545	47.66	ug/L	99
8) Chloroethane	1.587	64	135711	44.80	ug/L	99
9) Trichlorofluoromethane	1.754	101	441713	49.28	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	220156	51.10	ug/L	98
12) 1,1-Dichloroethene	2.121	96	196903	49.16	ug/L	91
13) Acetone	2.182	43	242278	107.18	ug/L	99
14) Carbon disulfide	2.297	76	585631	44.22	ug/L	99
15) Methyl Acetate	2.436	43	204049	43.24	ug/L	93
16) Methylene chloride	2.510	84	226068	46.28	ug/L	93
17) trans-1,2-Dichloroethene	2.764	96	225484	49.10	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	700425	49.19	ug/L	98
19) 1,1-Dichloroethane	3.191	63	403666	47.31	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	243003	49.45	ug/L	94
22) 2-Butanone	3.973	43	326163	98.58	ug/L	96
23) Bromochloromethane	4.252	128	135522	51.23	ug/L	87
25) Chloroform	4.378	83	454240	50.05	ug/L	98

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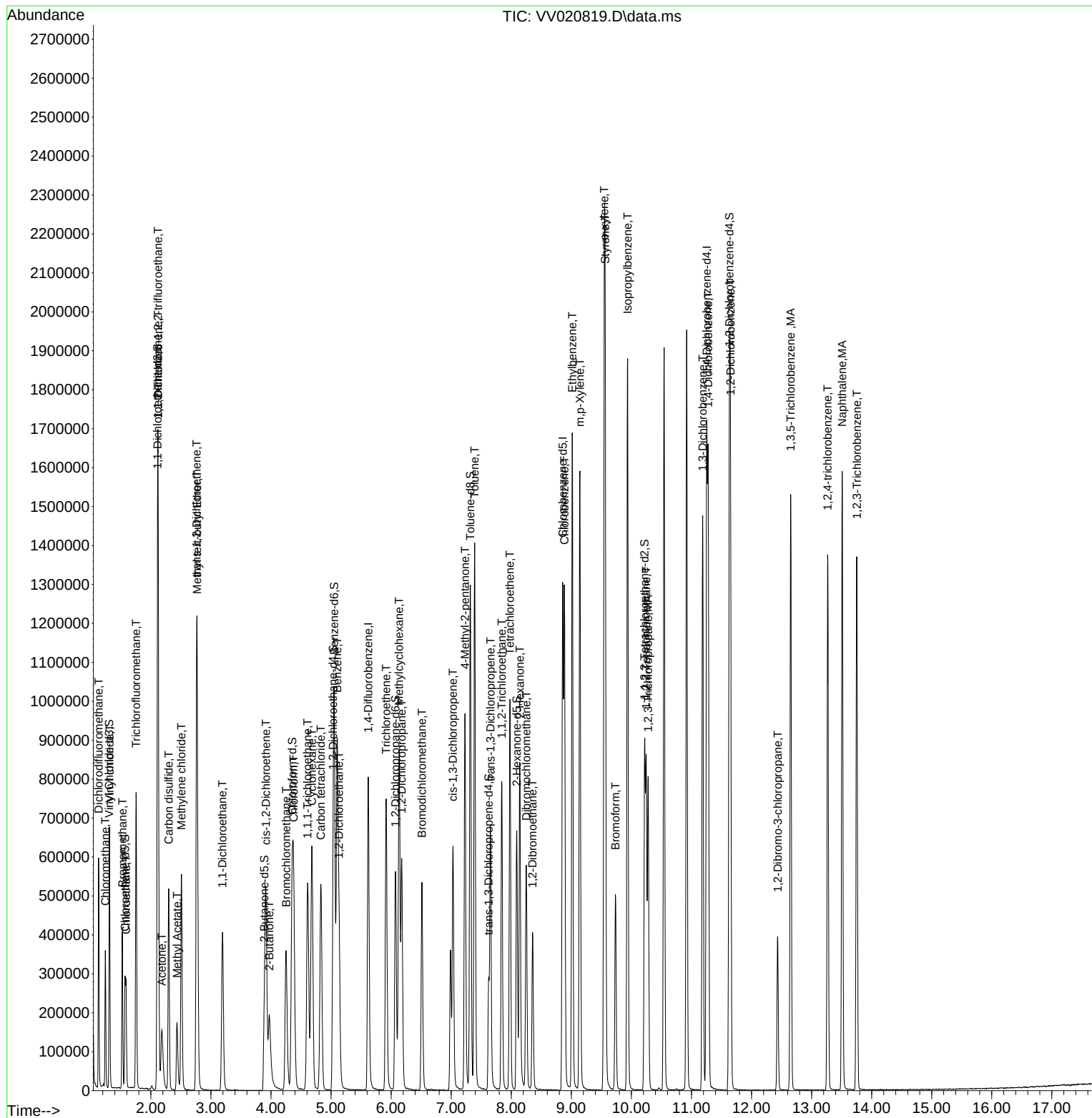
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	361362	49.84	ug/L	99
29) Cyclohexane	4.683	56	332337	43.36	ug/L	93
30) 1,1,1-Trichloroethane	4.609	97	438218	52.28	ug/L	98
31) Carbon tetrachloride	4.831	117	397118	53.05	ug/L	99
33) Benzene	5.101	78	891711	47.71	ug/L	100
34) Trichloroethene	5.918	95	256740	50.11	ug/L	98
35) Methylcyclohexane	6.133	83	370621	47.14	ug/L	97
37) 1,2-Dichloropropane	6.175	63	223731	45.64	ug/L	99
38) Bromodichloromethane	6.513	83	346105	50.28	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	362962	47.96	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	600306	91.32	ug/L	97
42) Toluene	7.390	91	1002534	49.35	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	386351	50.70	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	236837	49.11	ug/L	98
46) Tetrachloroethene	7.979	164	219346	51.28	ug/L	98
48) 2-Hexanone	8.143	43	496009	98.85	ug/L	98
49) Dibromochloromethane	8.249	129	294589	52.45	ug/L	99
50) 1,2-Dibromoethane	8.355	107	259976	50.34	ug/L	99
51) Chlorobenzene	8.886	112	669611	49.10	ug/L	100
52) Ethylbenzene	9.017	91	1157840	49.94	ug/L	100
53) m,p-Xylene	9.143	106	437142	50.69	ug/L	99
54) o-xylene	9.548	106	426085	51.26	ug/L	94
55) Styrene	9.564	104	764999	52.38	ug/L	98
56) Isopropylbenzene	9.937	105	1188285	51.91	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	368342	46.83	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	312015	48.74	ug/L	98
61) Bromoform	9.734	173	226097	47.65	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	596831	46.80	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	616536	46.48	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	589229	46.88	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	95563	44.97	ug/L	92
67) 1,3,5-Trichlorobenzene	12.654	180	472518	47.80	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	413188	49.29	ug/L	98
69) Naphthalene	13.509	128	1211211	50.48	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	421051	50.16	ug/L	99

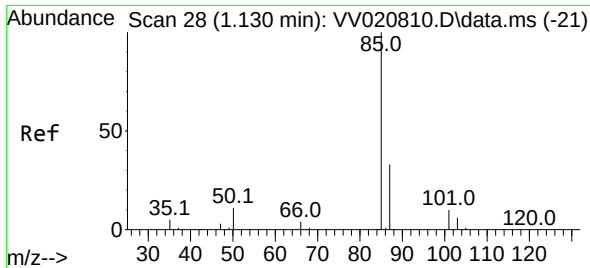
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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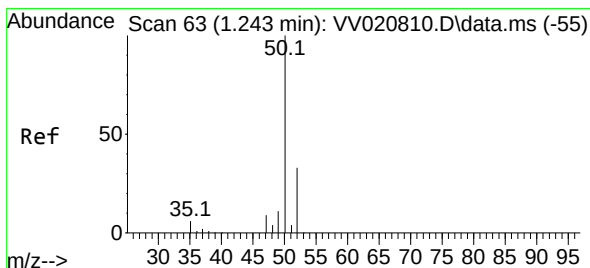
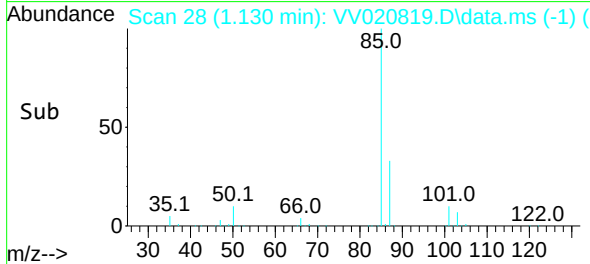
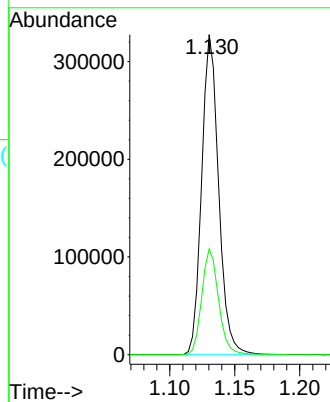
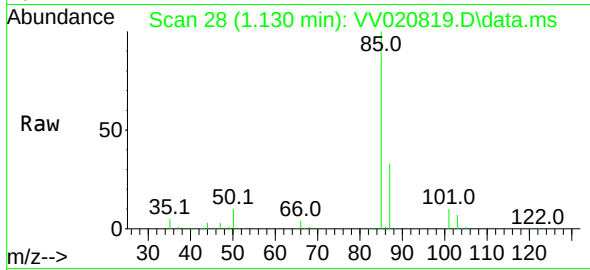




#2
 Dichlorodifluoromethane
 Concen: 46.45 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020819.D
 Acq: 01 Apr 2021 10:26

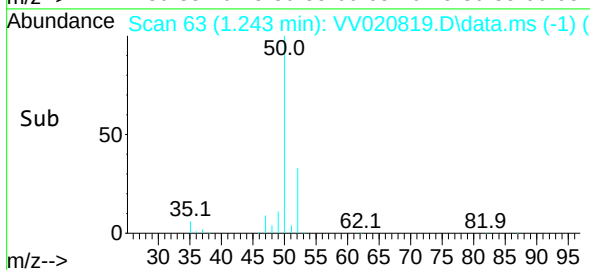
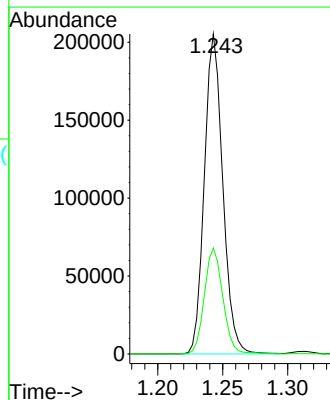
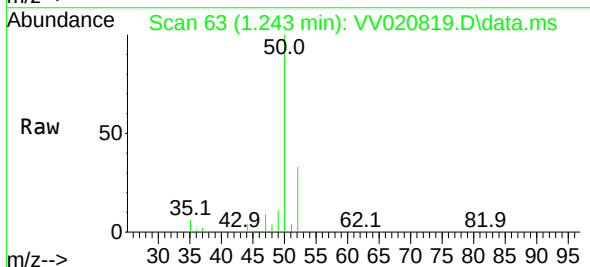
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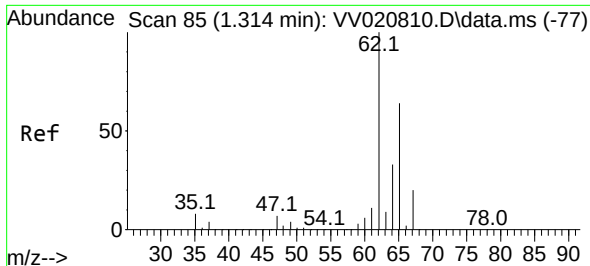
Tgt Ion: 85 Resp: 298672
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.3 39.5



#3
 Chloromethane
 Concen: 39.49 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020819.D
 Acq: 01 Apr 2021 10:26

Tgt Ion: 50 Resp: 202700
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.1

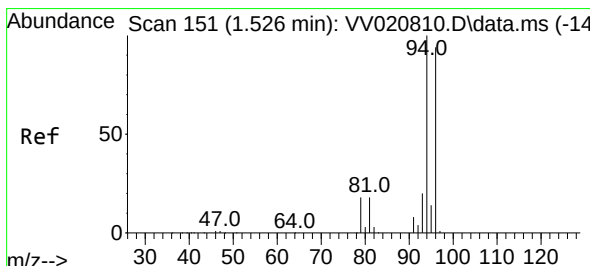
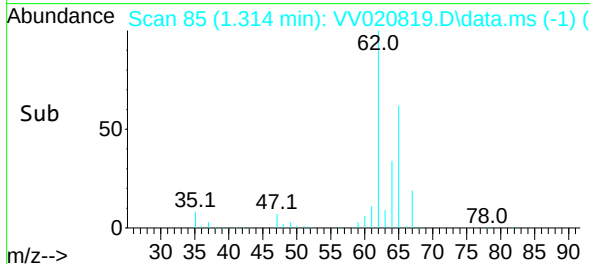
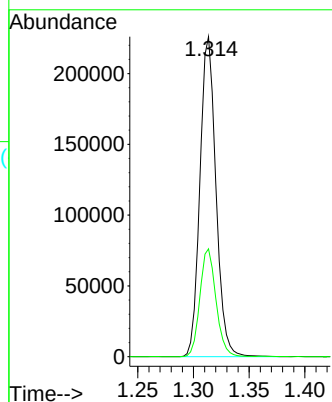
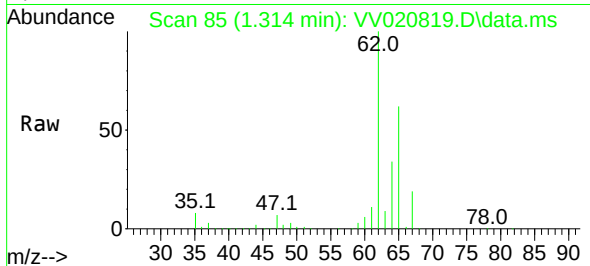




#5
 Vinyl chloride
 Concen: 42.99 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020819.D
 Acq: 01 Apr 2021 10:26

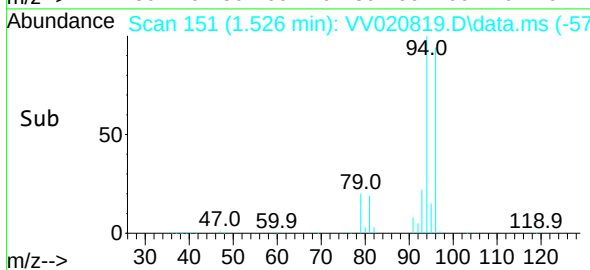
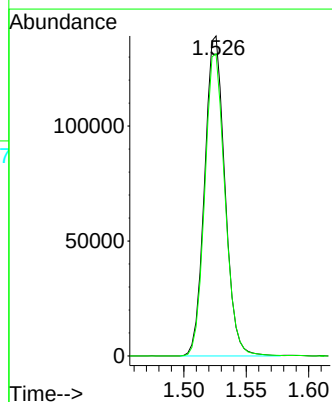
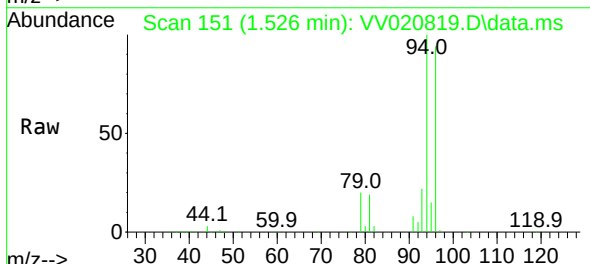
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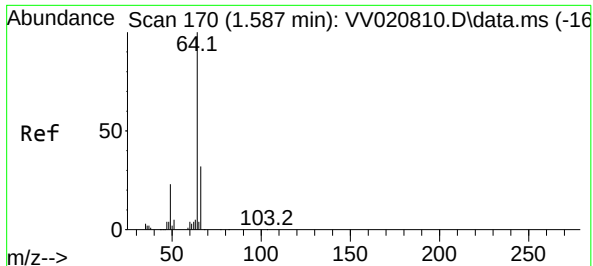
Tgt Ion: 62 Resp: 225439
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.3 43.3



#6
 Bromomethane
 Concen: 47.66 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020819.D
 Acq: 01 Apr 2021 10:26

Tgt Ion: 94 Resp: 157545
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.6 121.8

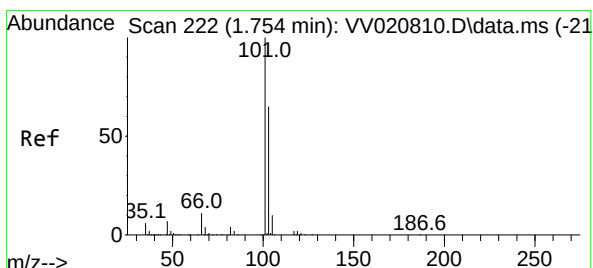
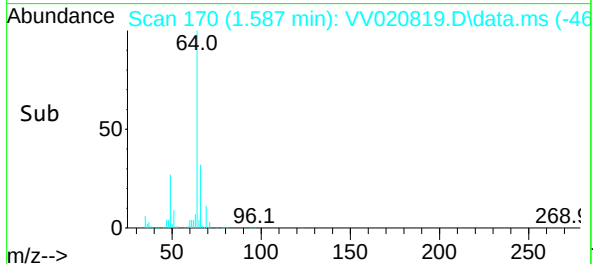
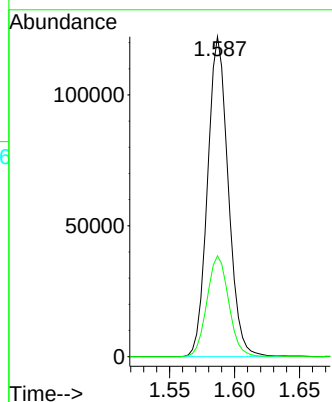
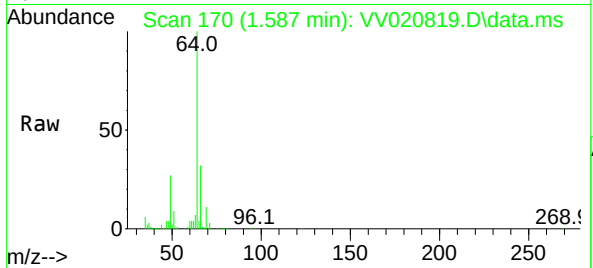




#8
Chloroethane
Concen: 44.80 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

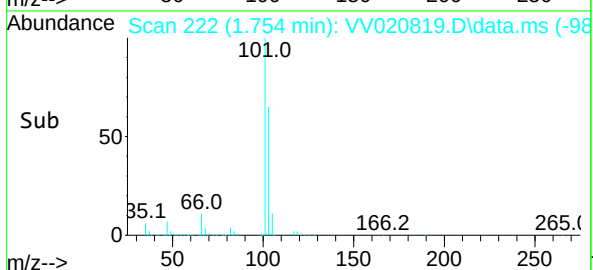
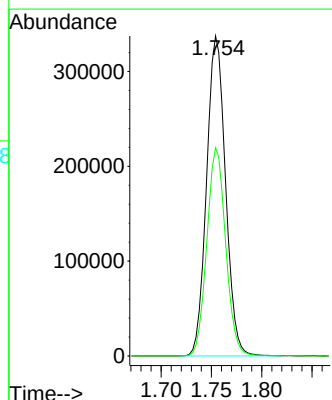
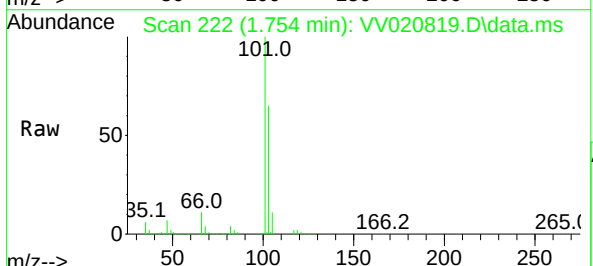
Instrument :
MSVOA_V
ClientSampled :

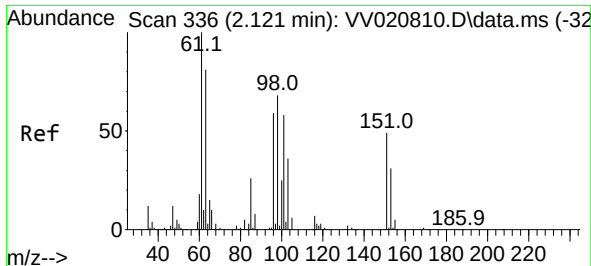
Tgt Ion: 64 Resp: 135711
Ion Ratio Lower Upper
64 100
66 31.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.28 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion:101 Resp: 441713
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8

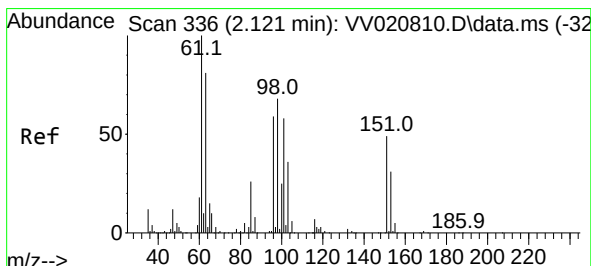
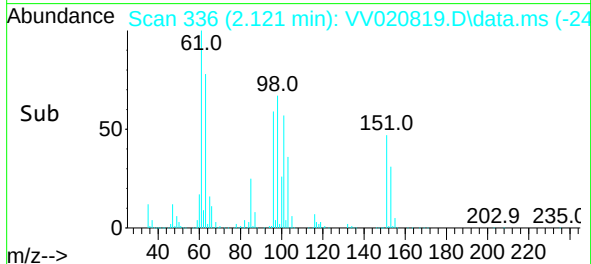
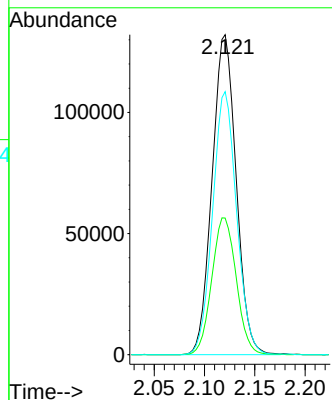
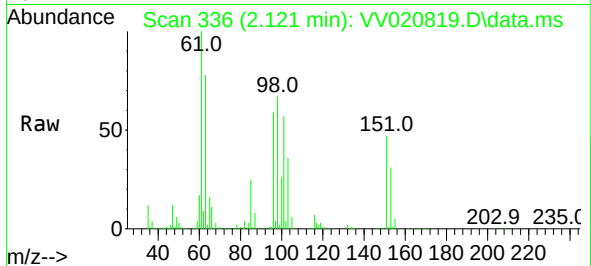




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.10 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020819.D
 Acq: 01 Apr 2021 10:26

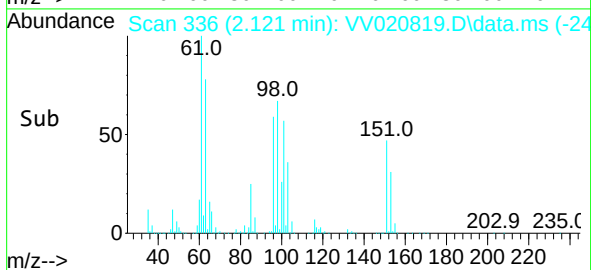
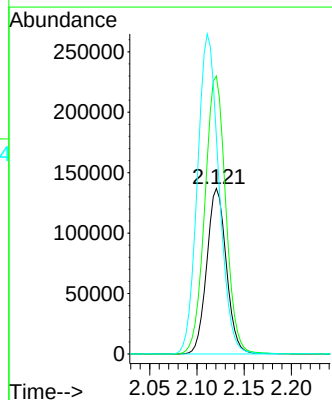
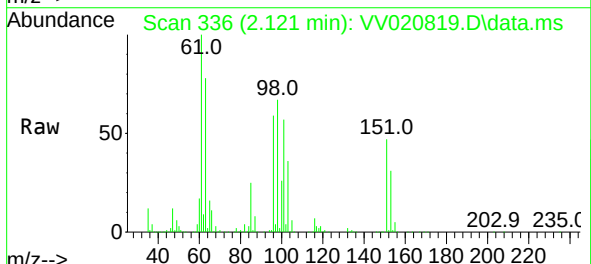
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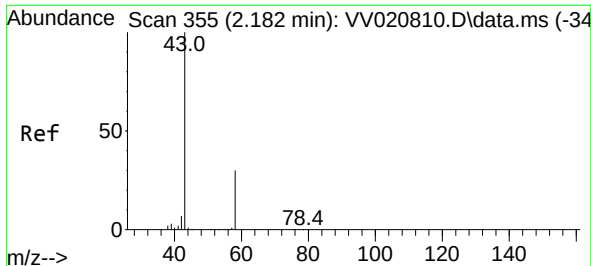
Tgt Ion:101 Resp: 220156
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.4 53.0
 151 82.2 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 49.16 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV020819.D
 Acq: 01 Apr 2021 10:26

Tgt Ion: 96 Resp: 196903
 Ion Ratio Lower Upper
 96 100
 61 168.1 126.3 234.6
 63 131.6 100.2 186.2

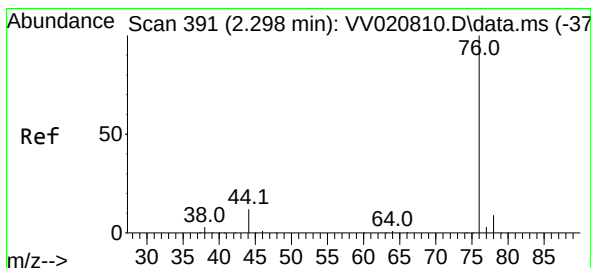
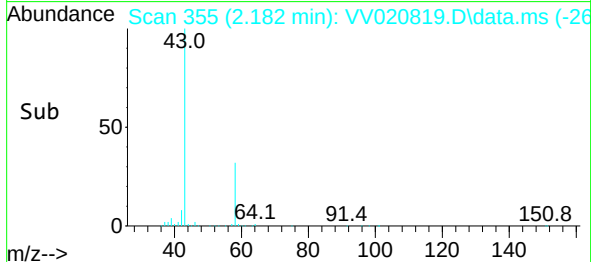
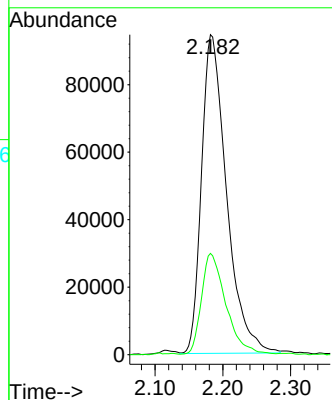
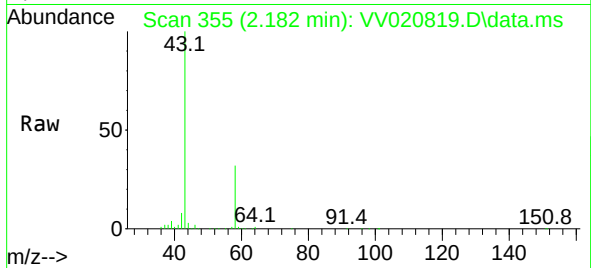




#13
Acetone
Concen: 107.18 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

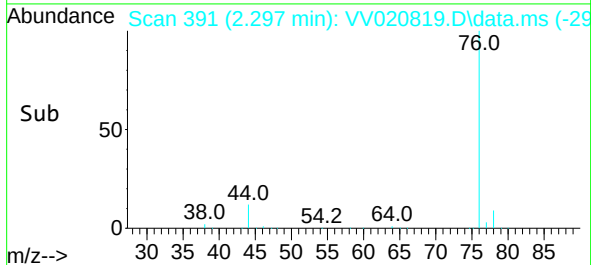
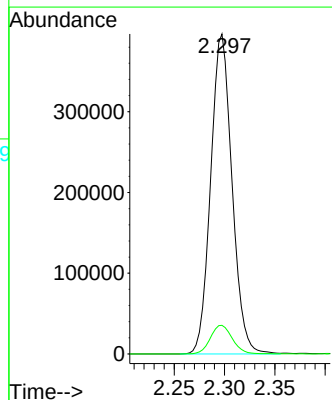
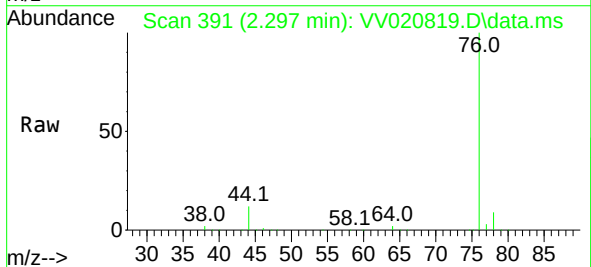
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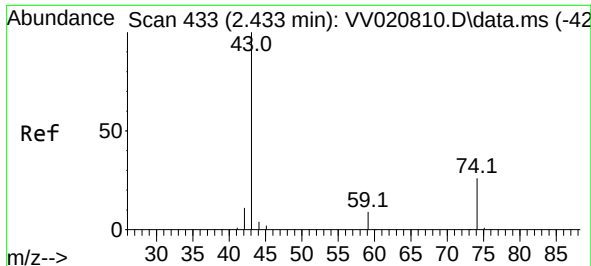
Tgt Ion: 43 Resp: 242278
Ion Ratio Lower Upper
43 100
58 31.2 0.0 60.8



#14
Carbon disulfide
Concen: 44.22 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 585631
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

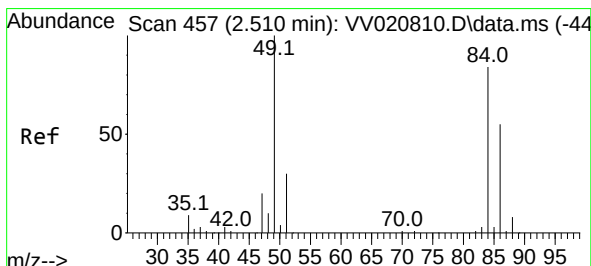
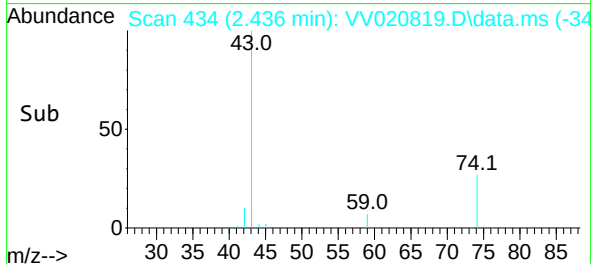
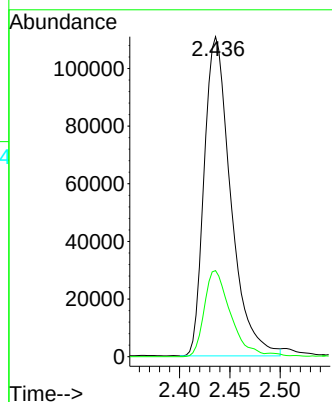
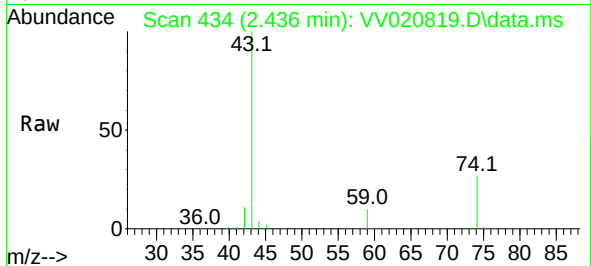




#15
Methyl Acetate
Concen: 43.24 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

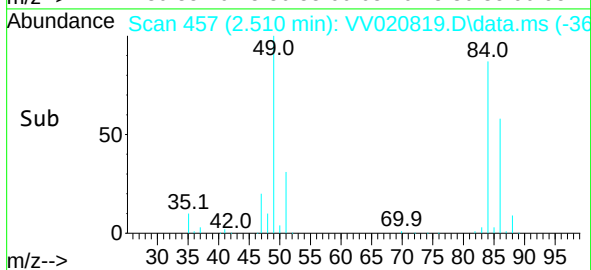
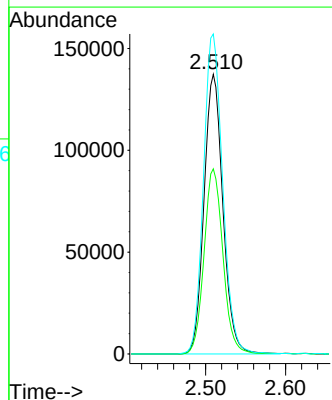
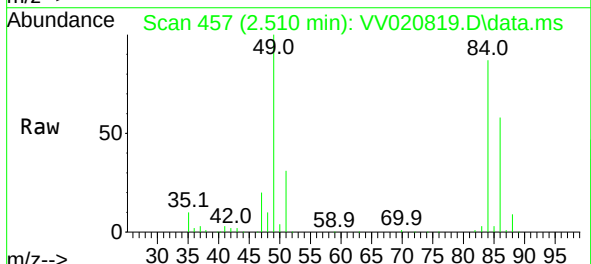
Instrument :
MSVOA_V
ClientSampleId :

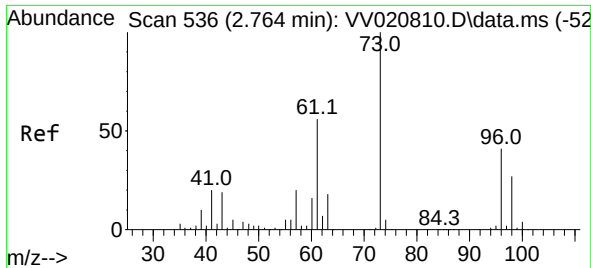
Tgt Ion: 43 Resp: 204049
Ion Ratio Lower Upper
43 100
74 26.3 18.4 27.6



#16
Methylene chloride
Concen: 46.28 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 84 Resp: 226068
Ion Ratio Lower Upper
84 100
86 66.2 43.9 81.5
49 114.4 86.3 160.3



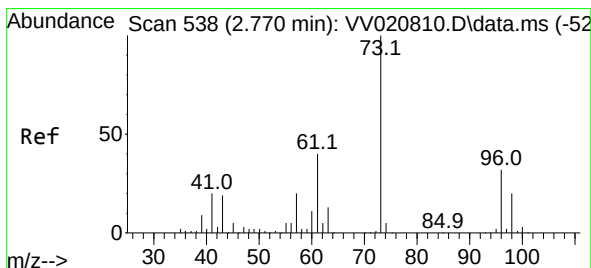
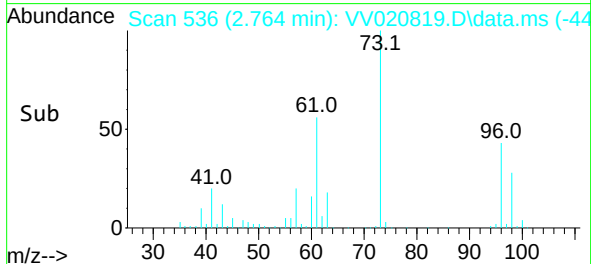
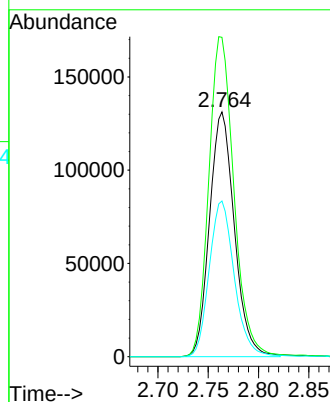
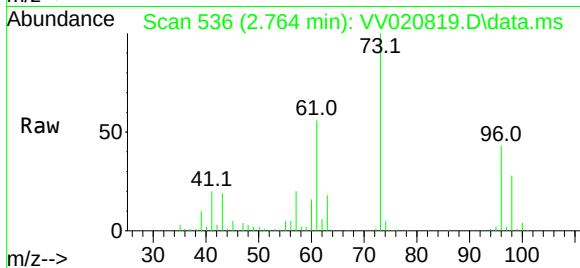


#17
 trans-1,2-Dichloroethene
 Concen: 49.10 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.003 min
 Lab File: VV020819.D
 Acq: 01 Apr 2021 10:26

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 96 Resp: 225484

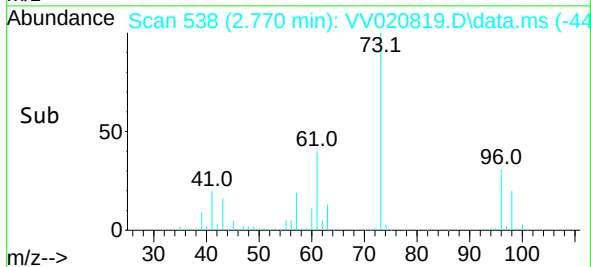
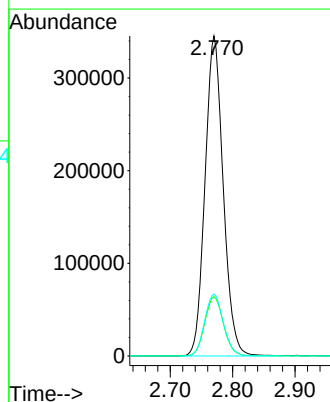
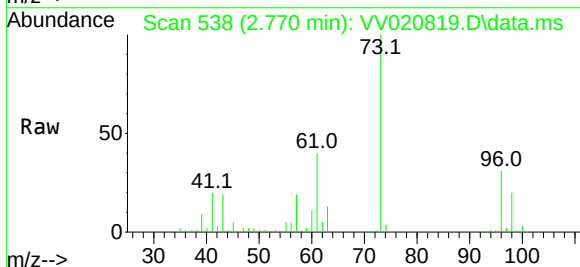
Ion	Ratio	Lower	Upper
96	100		
61	130.5	97.9	181.9
98	63.6	43.9	81.5

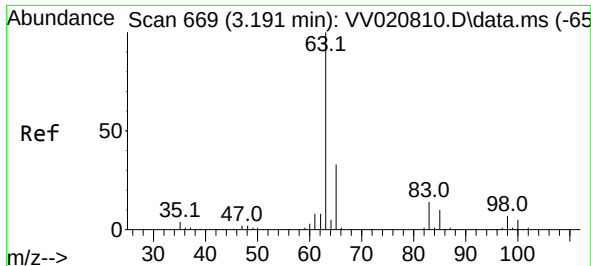


#18
 Methyl tert-butyl Ether
 Concen: 49.19 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. -0.000 min
 Lab File: VV020819.D
 Acq: 01 Apr 2021 10:26

Tgt Ion: 73 Resp: 700425

Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.4	23.0
57	19.9	17.0	25.6





#19

1,1-Dichloroethane

Concen: 47.31 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

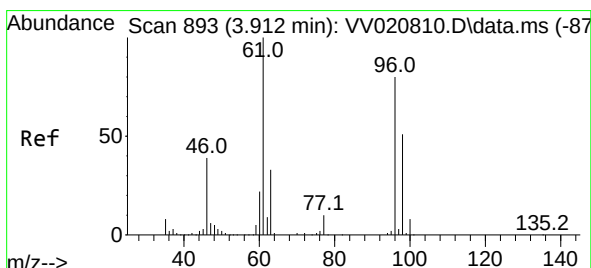
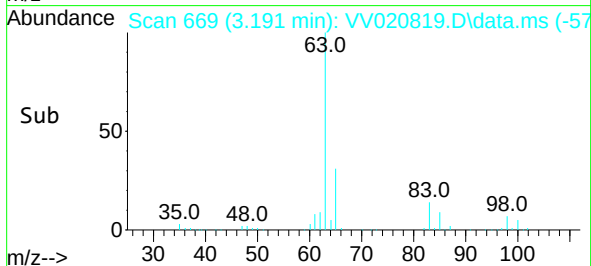
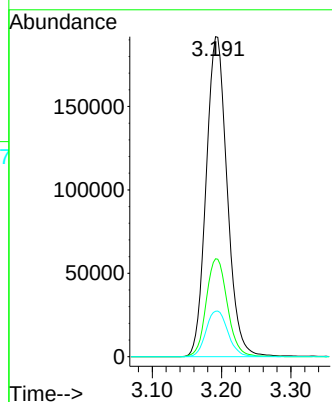
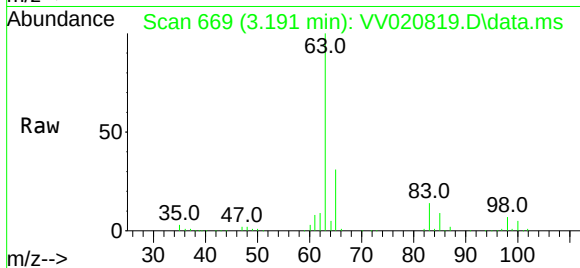
Tgt Ion: 63 Resp: 403666

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 14.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 49.45 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

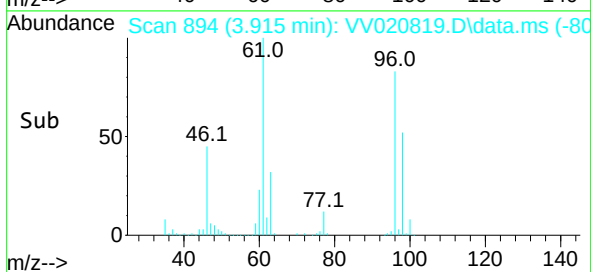
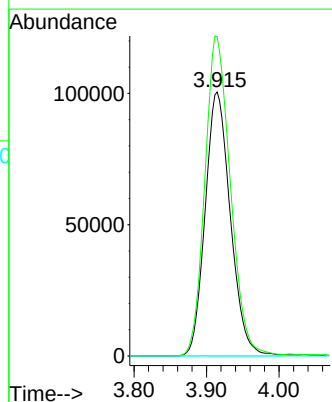
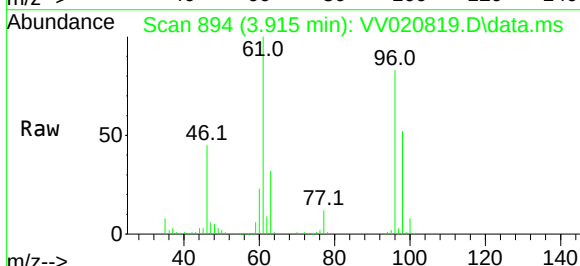
Tgt Ion: 96 Resp: 243003

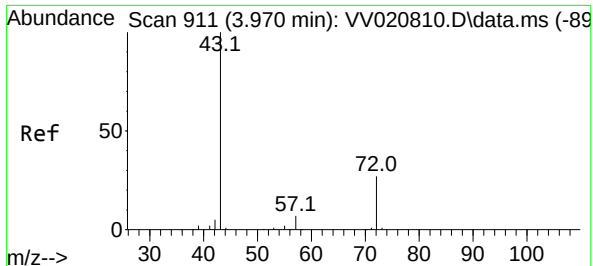
Ion Ratio Lower Upper

96 100

61 121.0 89.9 167.0

68 0.0 0.0 0.0

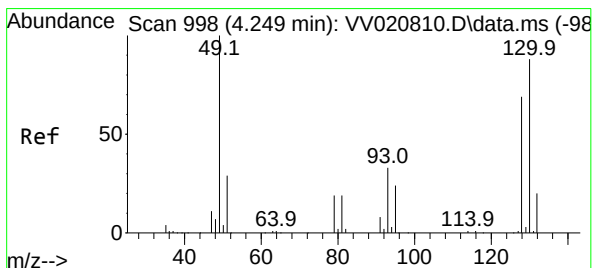
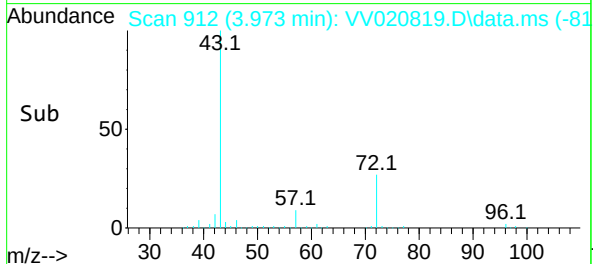
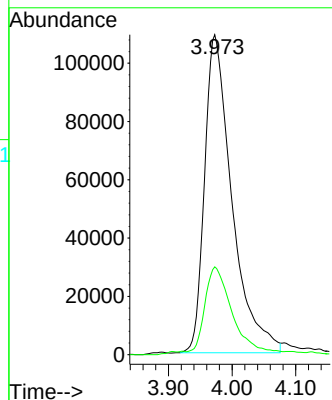
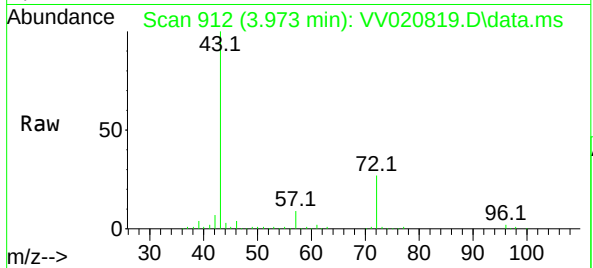




#22
2-Butanone
Concen: 98.58 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.006 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

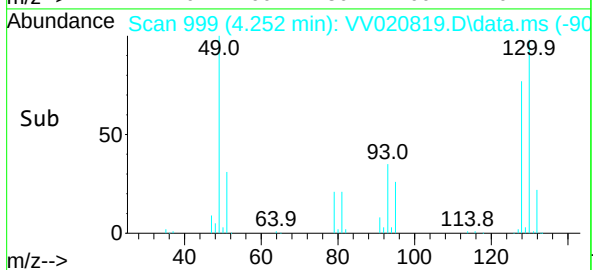
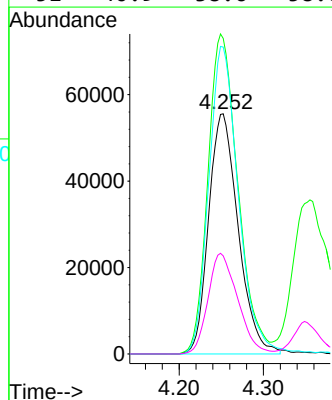
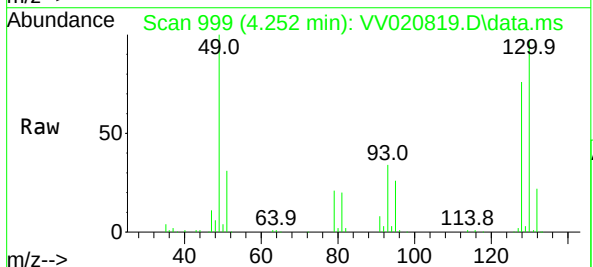
Instrument :
MSVOA_V
ClientSampleId :

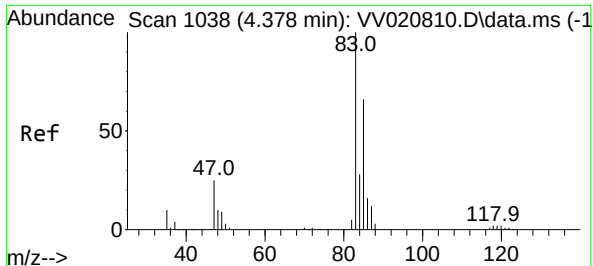
Tgt Ion: 43 Resp: 326163
Ion Ratio Lower Upper
43 100
72 26.0 11.9 35.9



#23
Bromochloromethane
Concen: 51.23 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion:128 Resp: 135522
Ion Ratio Lower Upper
128 100
49 131.4 113.3 210.3
130 127.8 88.7 164.7
51 40.9 38.6 58.0





#25

Chloroform

Concen: 50.05 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV020819.D

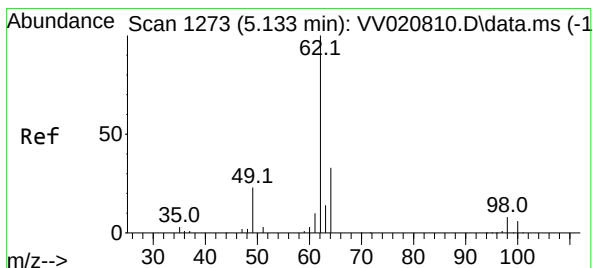
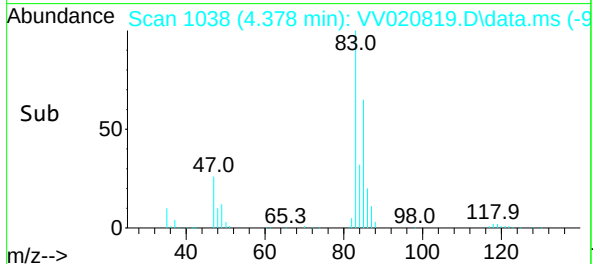
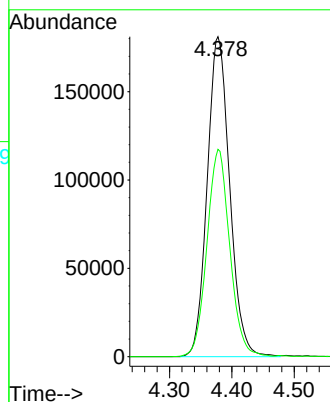
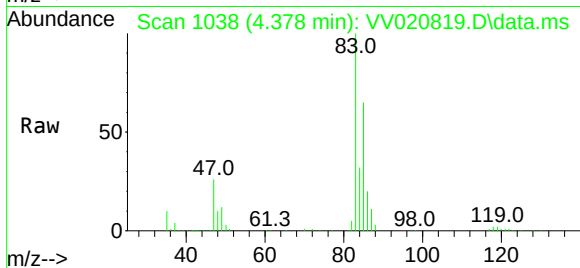
Acq: 01 Apr 2021 10:26

Tgt Ion: 83 Resp: 454240

Ion Ratio Lower Upper

83 100

85 64.8 46.7 86.7



#27

1,2-Dichloroethane

Concen: 49.84 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV020819.D

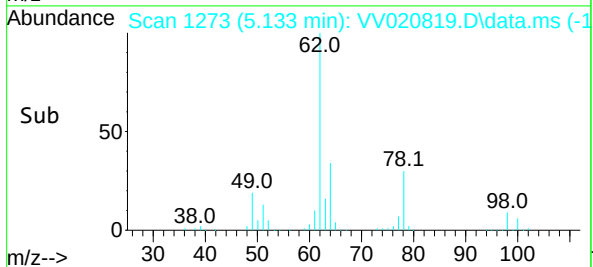
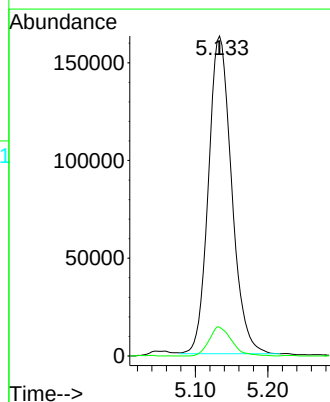
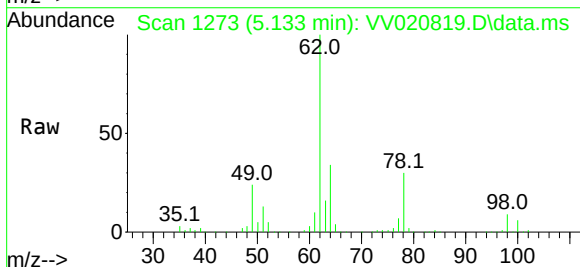
Acq: 01 Apr 2021 10:26

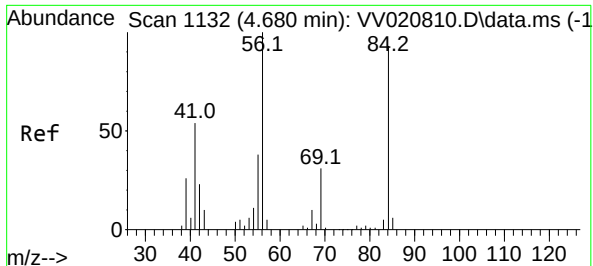
Tgt Ion: 62 Resp: 361362

Ion Ratio Lower Upper

62 100

98 9.0 6.8 10.2





#29

Cyclohexane

Concen: 43.36 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

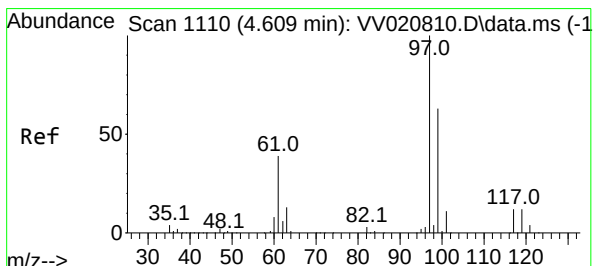
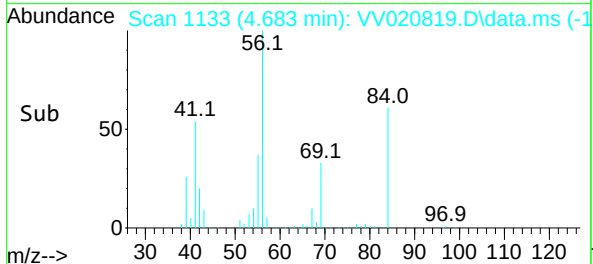
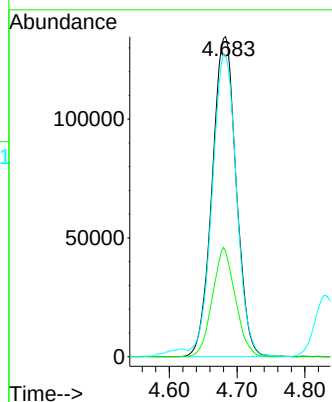
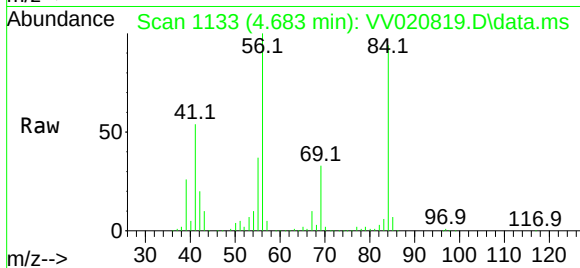
Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 332337

Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.4	36.6
84	94.6	69.9	104.9



#30

1,1,1-Trichloroethane

Concen: 52.28 ug/L

RT: 4.609 min Scan# 1110

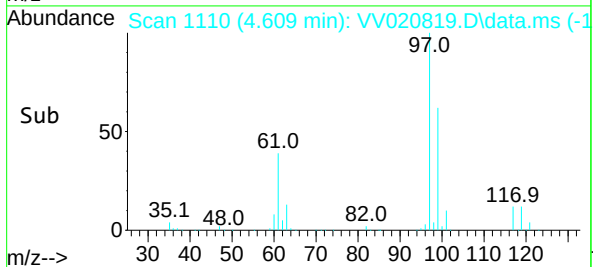
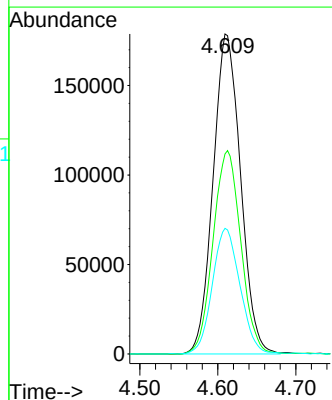
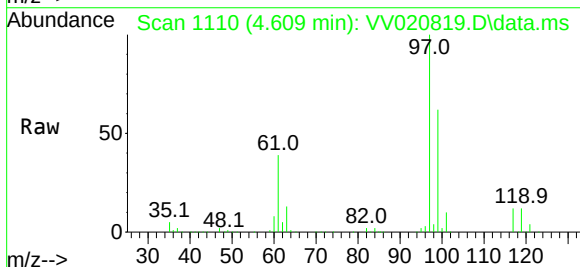
Delta R.T. -0.000 min

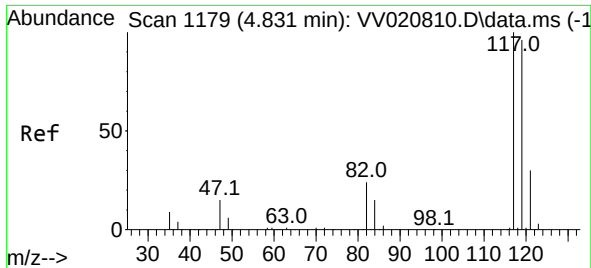
Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

Tgt Ion: 97 Resp: 438218

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.6	33.9	50.9

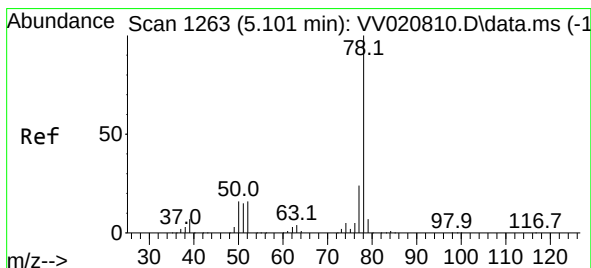
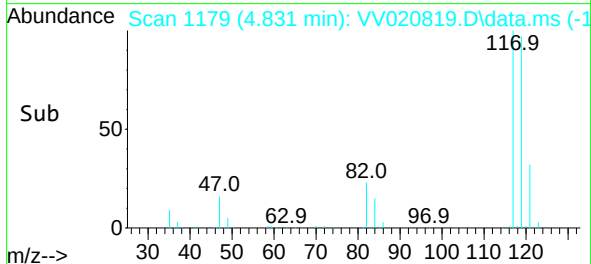
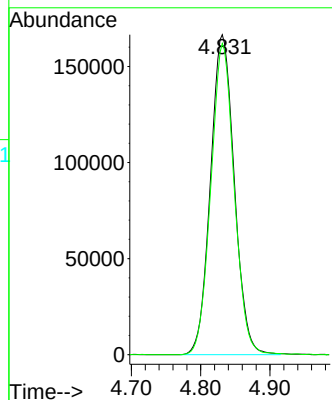
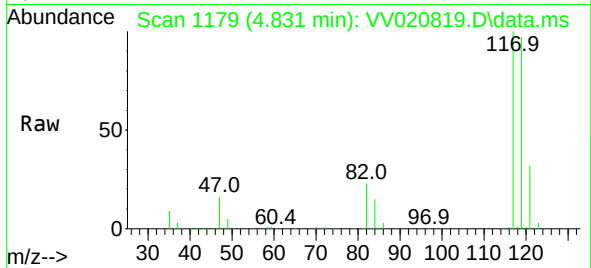




#31
Carbon tetrachloride
Concen: 53.05 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

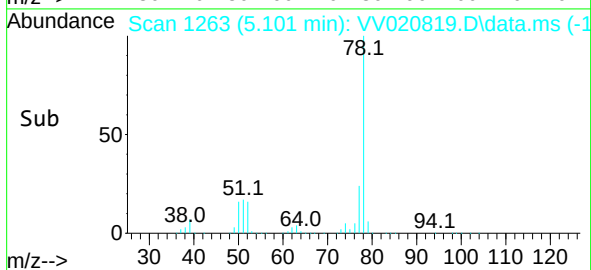
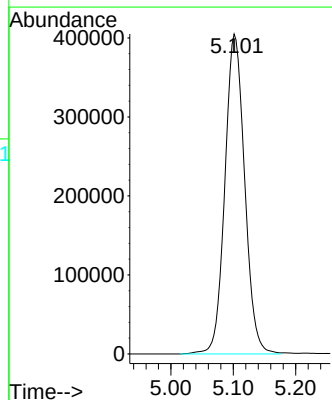
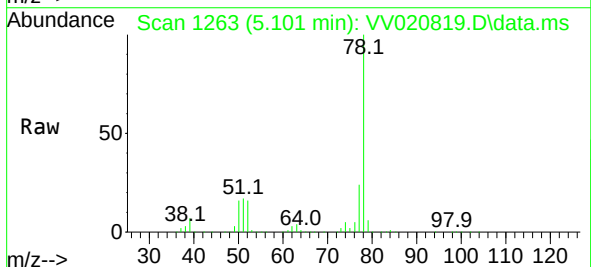
Instrument :
MSVOA_V
ClientSampleId :

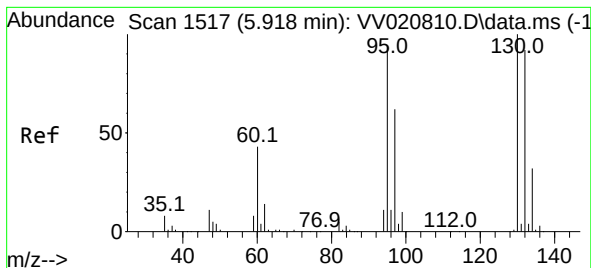
Tgt Ion:117 Resp: 397118
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3



#33
Benzene
Concen: 47.71 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 78 Resp: 891711





#34

Trichloroethene

Concen: 50.11 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

Tgt Ion: 95 Resp: 256740

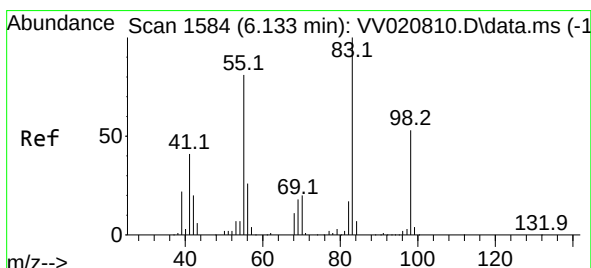
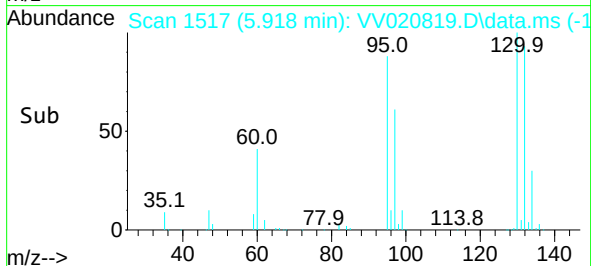
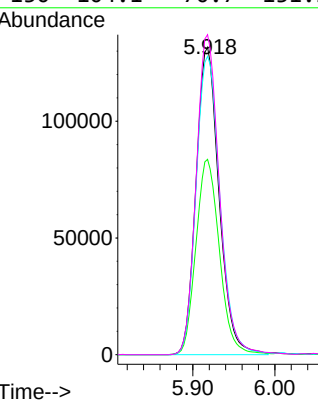
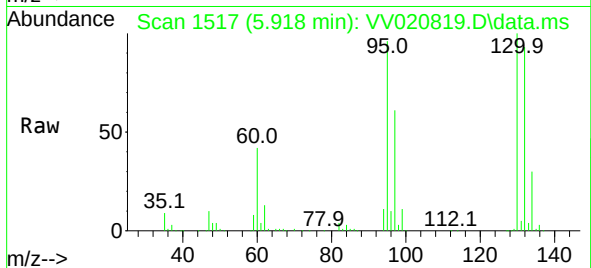
Ion Ratio Lower Upper

95 100

97 63.6 43.5 80.9

132 97.1 69.5 129.1

130 104.1 70.7 131.3



#35

Methylcyclohexane

Concen: 47.14 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

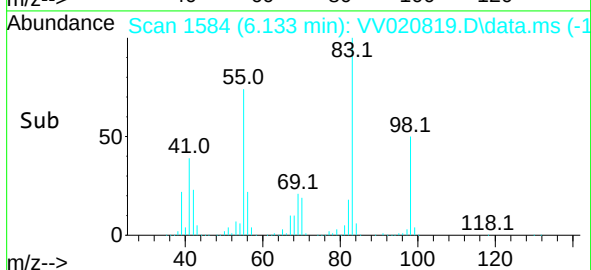
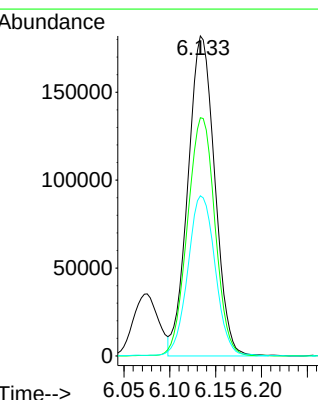
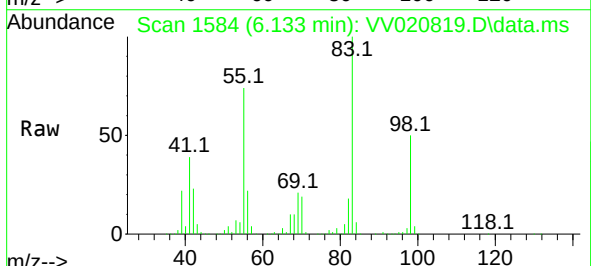
Tgt Ion: 83 Resp: 370621

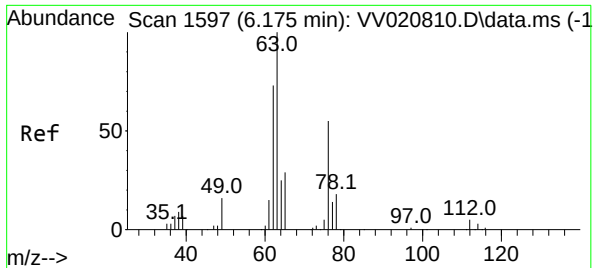
Ion Ratio Lower Upper

83 100

55 76.0 62.7 94.1

98 51.2 38.9 58.3

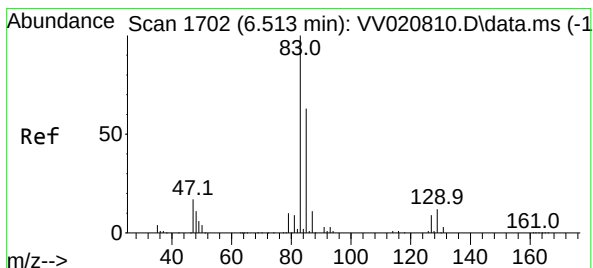
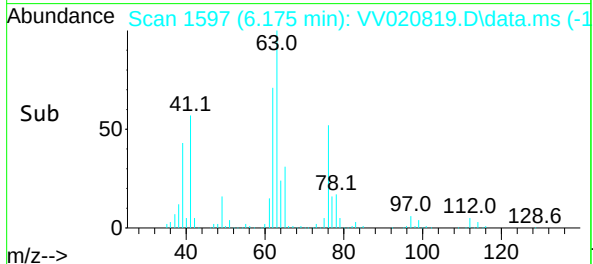
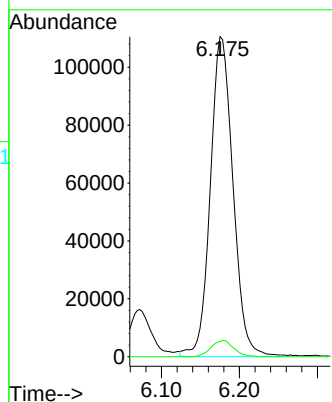
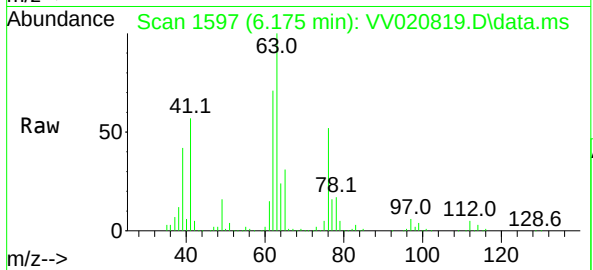




#37
1,2-Dichloropropane
Concen: 45.64 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

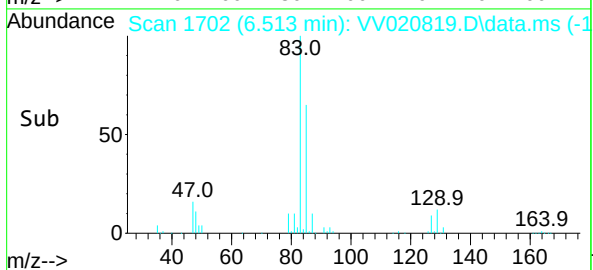
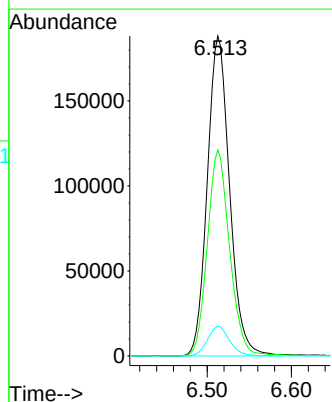
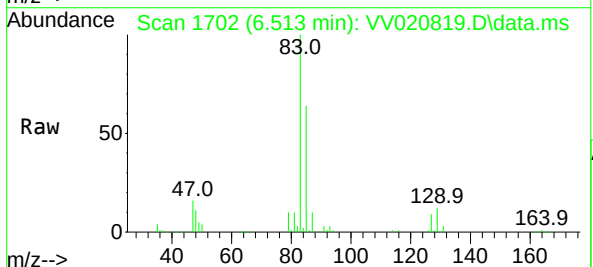
Instrument :
MSVOA_V
ClientSampled :

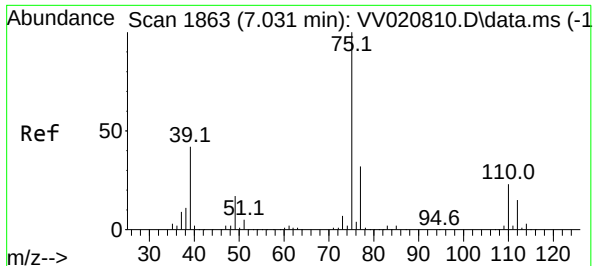
Tgt Ion: 63 Resp: 223731
Ion Ratio Lower Upper
63 100
112 5.1 3.7 5.5



#38
Bromodichloromethane
Concen: 50.28 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 83 Resp: 346105
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
127 9.3 6.8 10.2

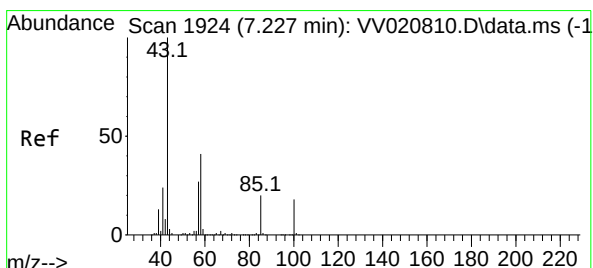
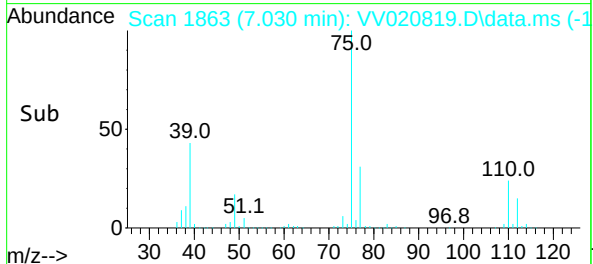
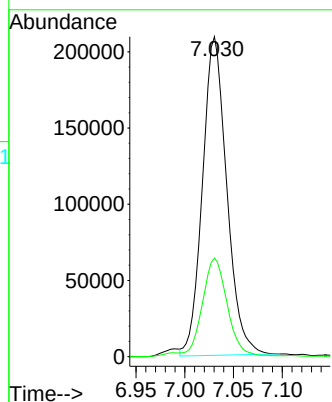
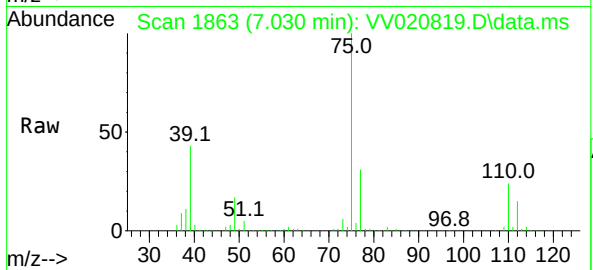




#39
cis-1,3-Dichloropropene
Concen: 47.96 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

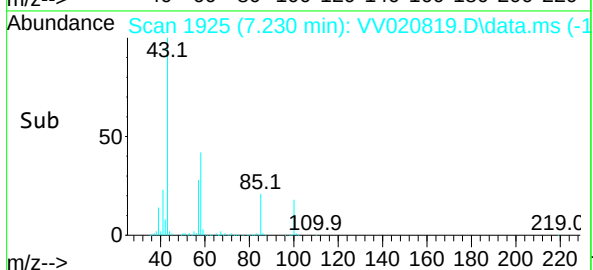
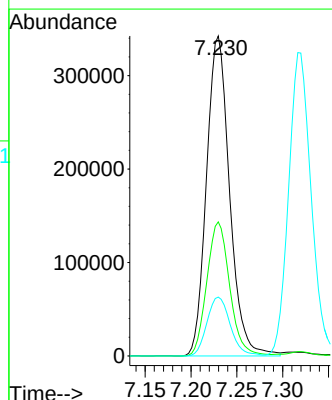
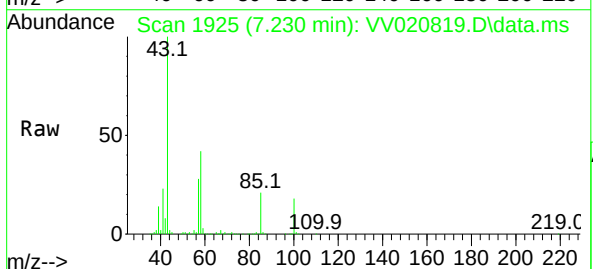
Instrument :
MSVOA_V
ClientSampleId :

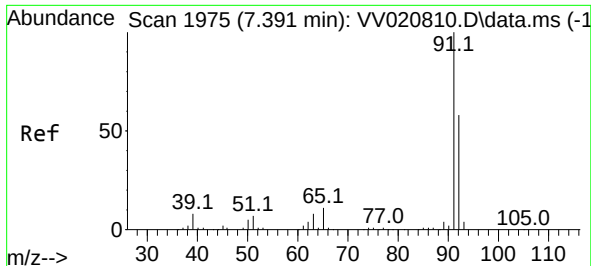
Tgt Ion: 75 Resp: 362962
Ion Ratio Lower Upper
75 100
77 30.8 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 91.32 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 43 Resp: 600306
Ion Ratio Lower Upper
43 100
58 41.4 32.3 48.5
100 18.6 13.0 19.4

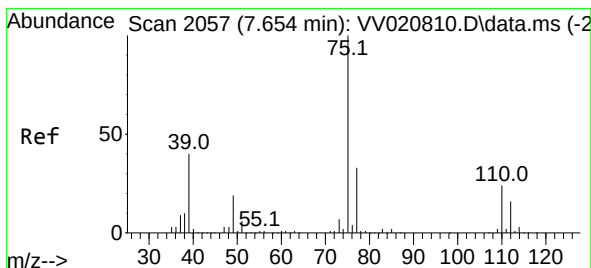
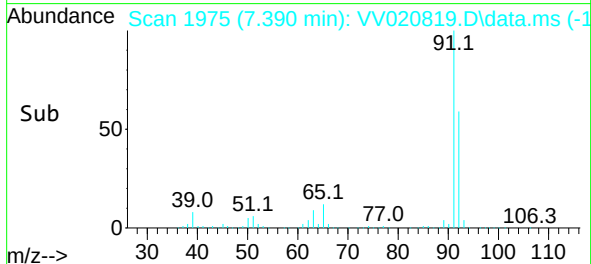
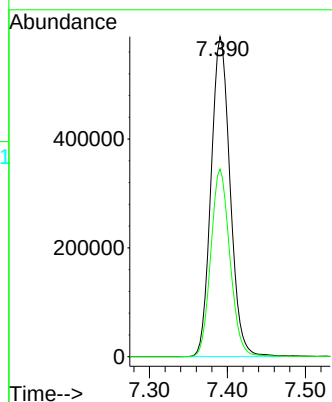
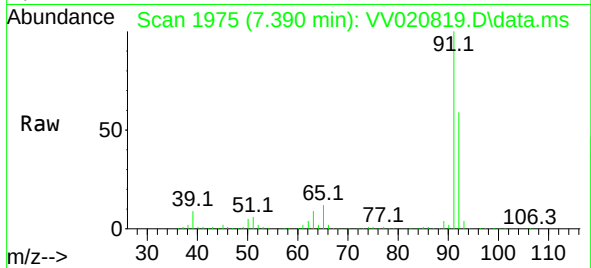




#42
Toluene
Concen: 49.35 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

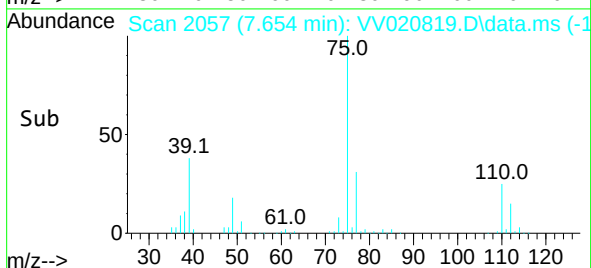
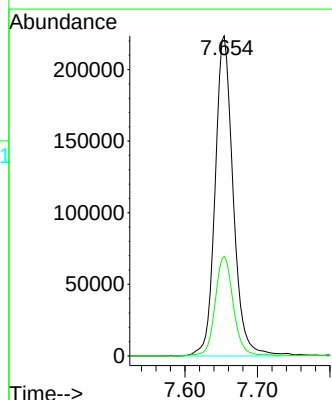
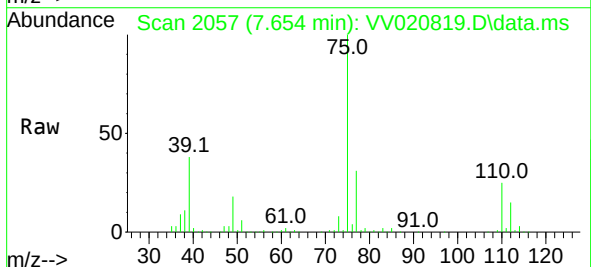
Instrument :
MSVOA_V
ClientSampled :

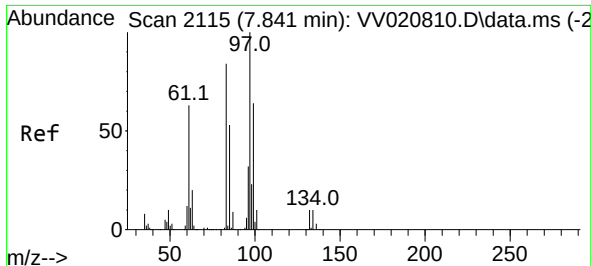
Tgt Ion: 91 Resp: 1002534
Ion Ratio Lower Upper
91 100
92 58.7 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 50.70 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

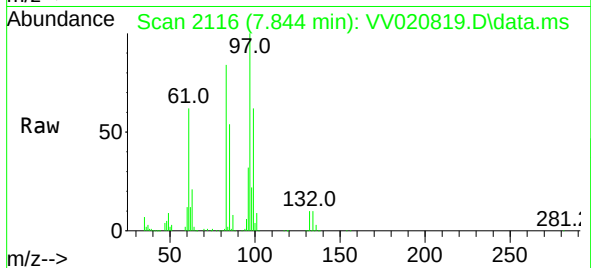
Tgt Ion: 75 Resp: 386351
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.0



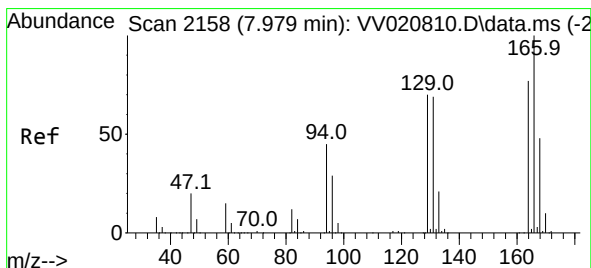
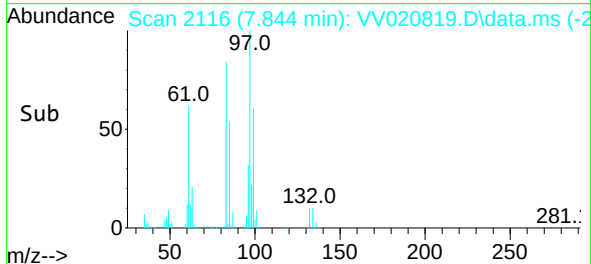
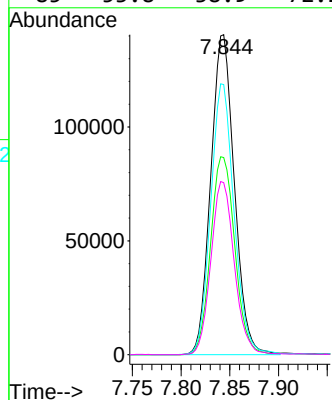


#45
1,1,2-Trichloroethane
Concen: 49.11 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

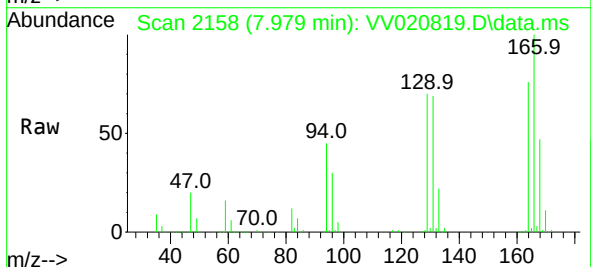
Instrument :
MSVOA_V
ClientSampleId :



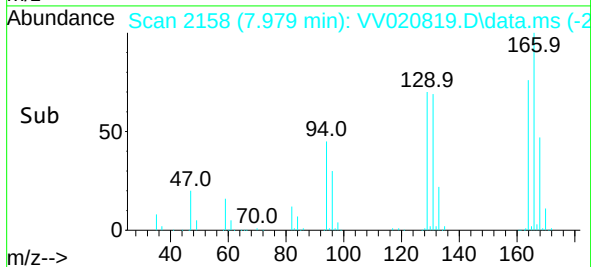
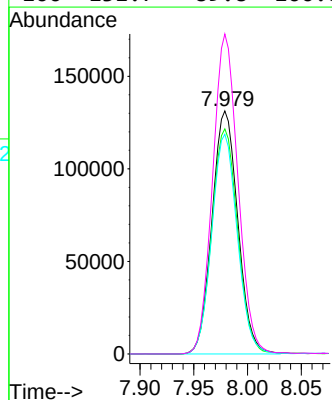
Tgt Ion: 97 Resp: 236837
Ion Ratio Lower Upper
97 100
99 61.6 44.1 81.9
83 84.4 60.7 112.7
85 53.8 38.9 72.2

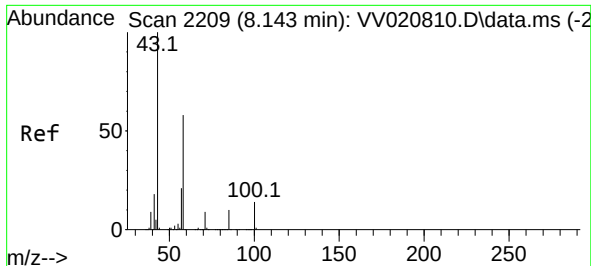


#46
Tetrachloroethene
Concen: 51.28 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26



Tgt Ion: 164 Resp: 219346
Ion Ratio Lower Upper
164 100
129 92.6 64.3 119.5
131 90.4 63.5 117.9
166 131.7 89.8 166.8



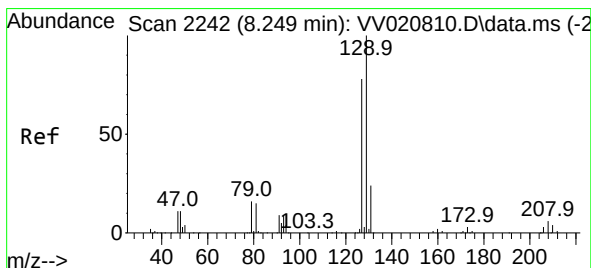
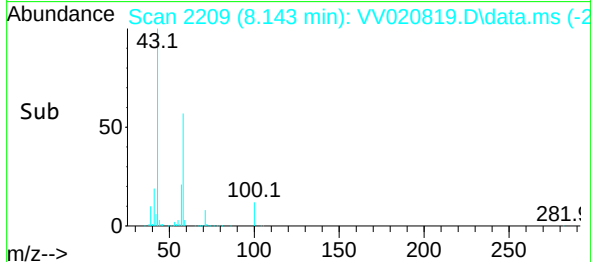
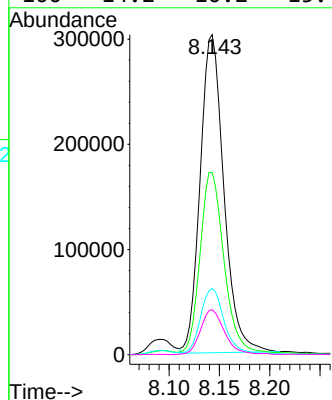
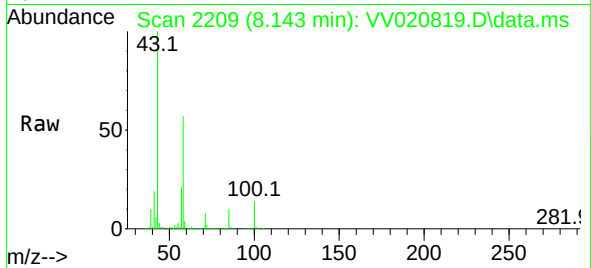


#48
2-Hexanone
Concen: 98.85 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 496009

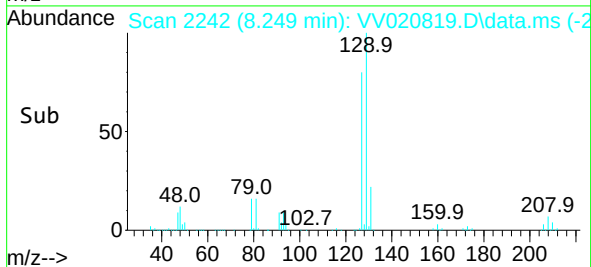
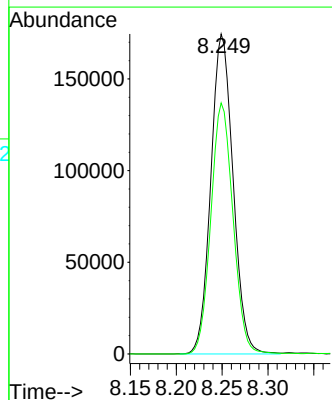
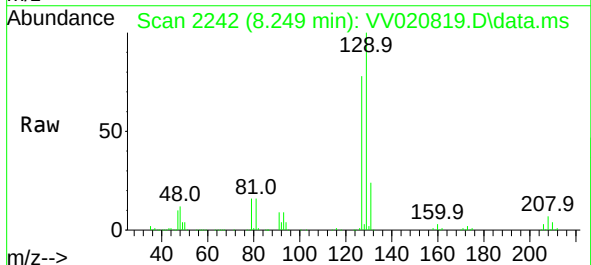
Ion	Ratio	Lower	Upper
43	100		
58	57.5	45.8	68.8
57	21.1	15.4	23.2
100	14.2	10.2	15.4

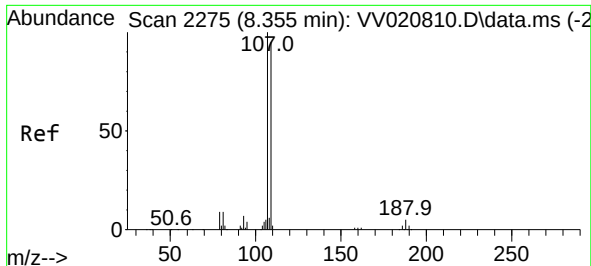


#49
Dibromochloromethane
Concen: 52.45 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 129 Resp: 294589

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.6	101.4





#50

1,2-Dibromoethane

Concen: 50.34 ug/L

RT: 8.355 min Scan# 2275

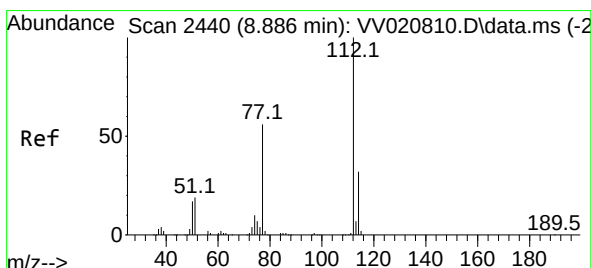
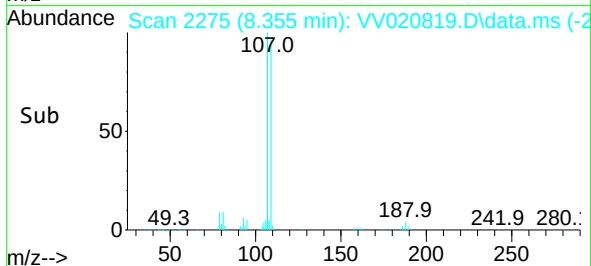
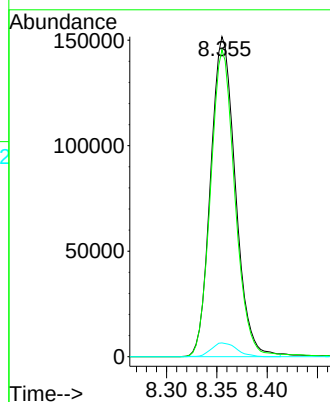
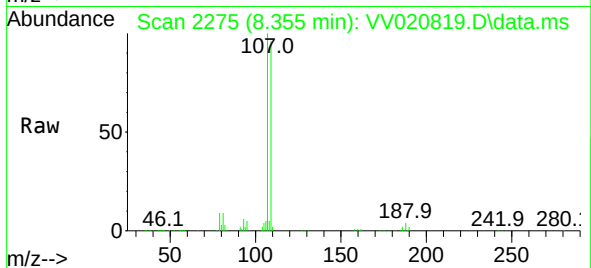
Delta R.T. -0.000 min

Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

Tgt Ion:	107	Resp:	259976
Ion	Ratio	Lower	Upper
107	100		
109	95.9	66.7	123.9
188	4.3	3.0	4.4

Instrument :
MSVOA_V
ClientSampled :



#51

Chlorobenzene

Concen: 49.10 ug/L

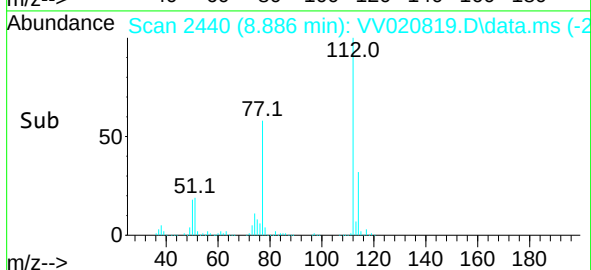
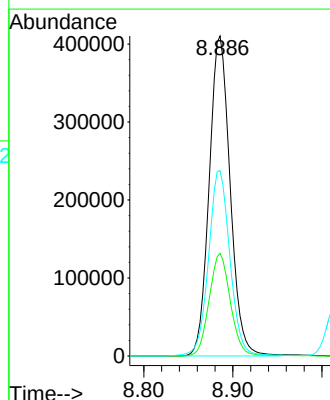
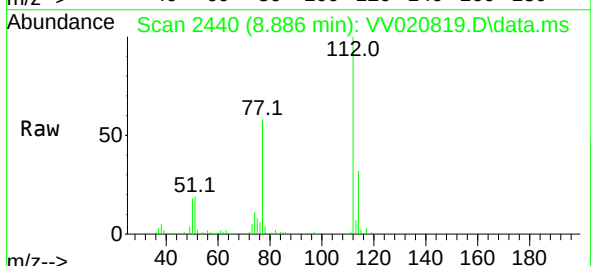
RT: 8.886 min Scan# 2440

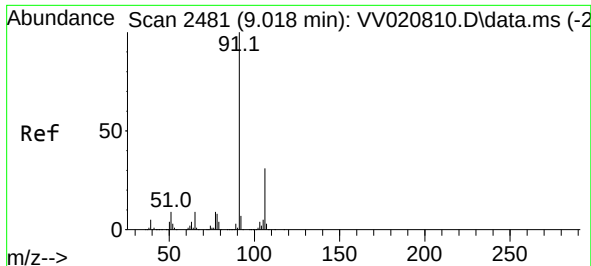
Delta R.T. -0.000 min

Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

Tgt Ion:	112	Resp:	669611
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.4	41.6
77	58.0	46.7	70.1

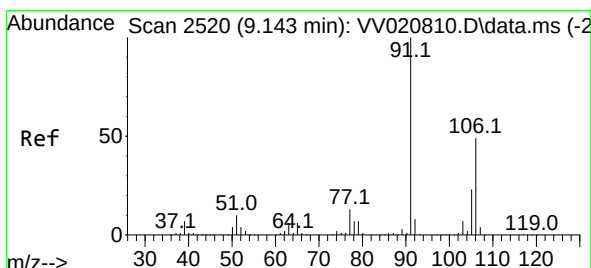
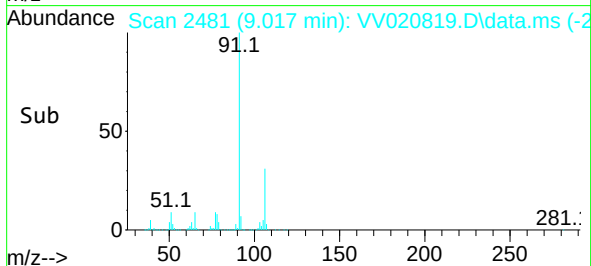
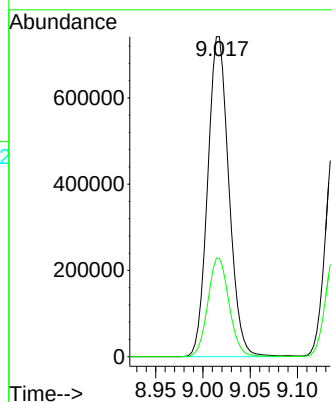
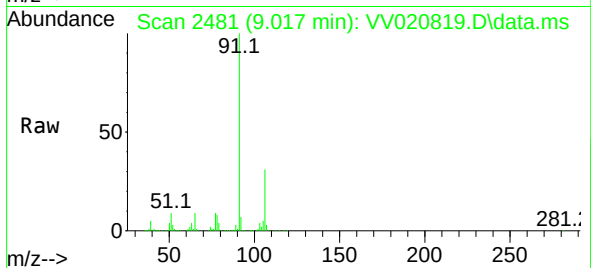




#52
Ethylbenzene
Concen: 49.94 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

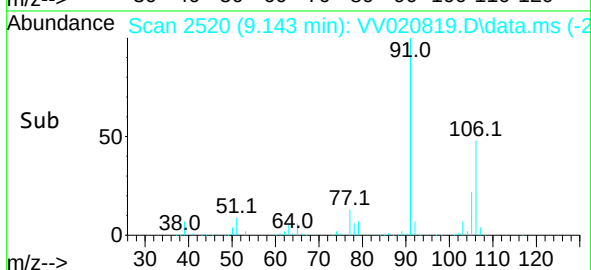
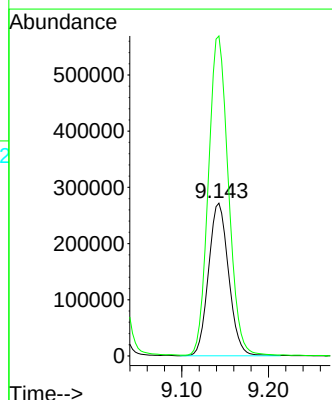
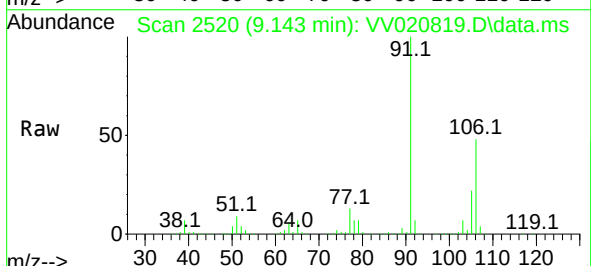
Instrument :
MSVOA_V
ClientSampleId :

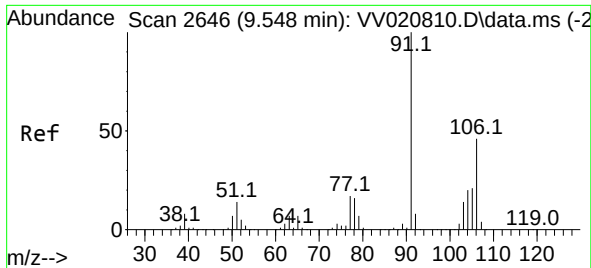
Tgt Ion: 91 Resp: 1157840
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 50.69 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 106 Resp: 437142
Ion Ratio Lower Upper
106 100
91 209.5 145.7 270.7

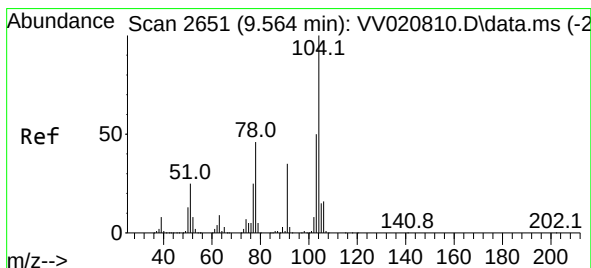
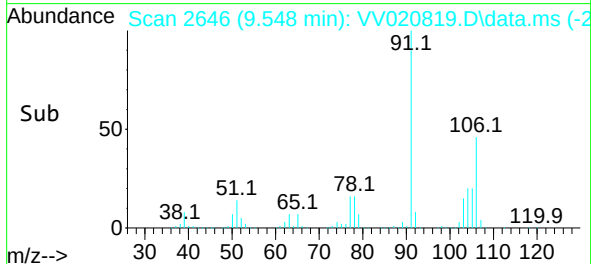
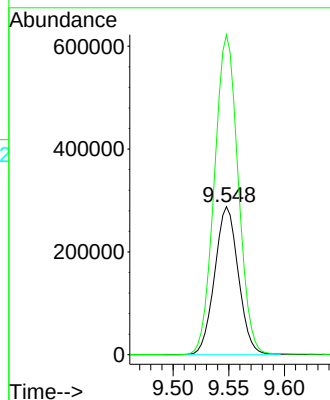
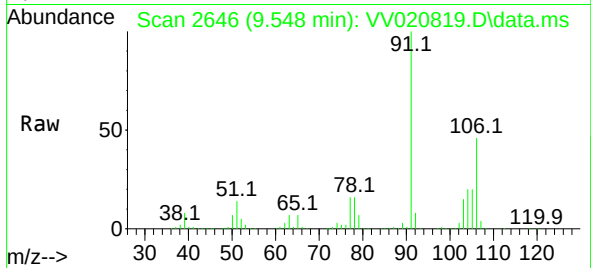




#54
o-xylene
Concen: 51.26 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

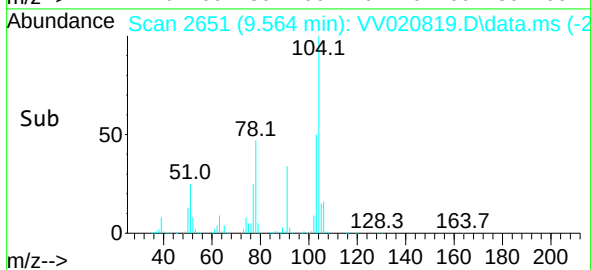
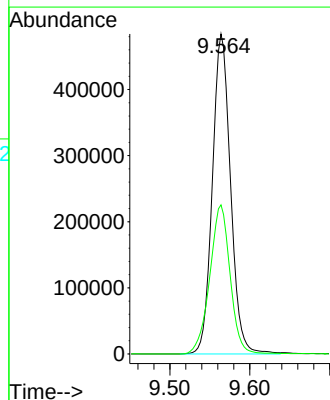
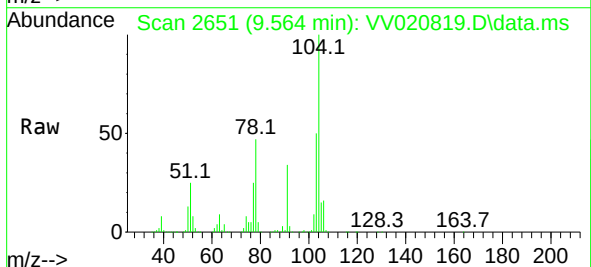
Instrument :
MSVOA_V
ClientSampleId :

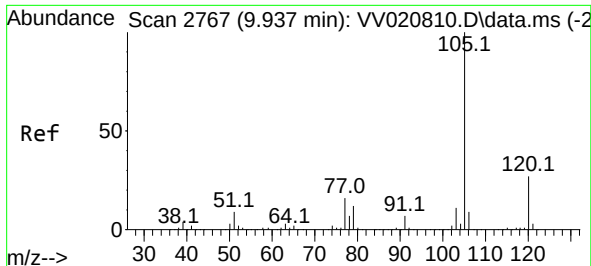
Tgt Ion:106 Resp: 426085
Ion Ratio Lower Upper
106 100
91 216.3 157.8 293.1



#55
Styrene
Concen: 52.38 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion:104 Resp: 764999
Ion Ratio Lower Upper
104 100
78 46.6 33.6 62.4

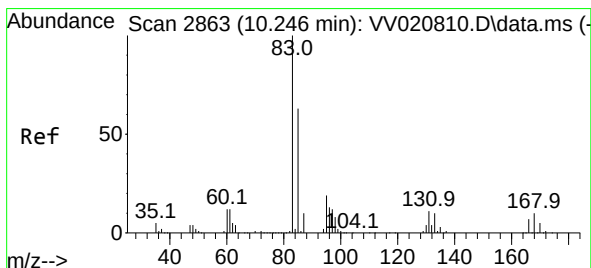
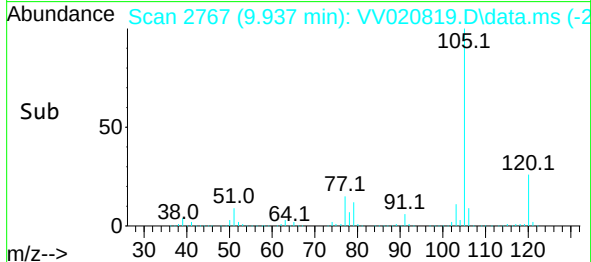
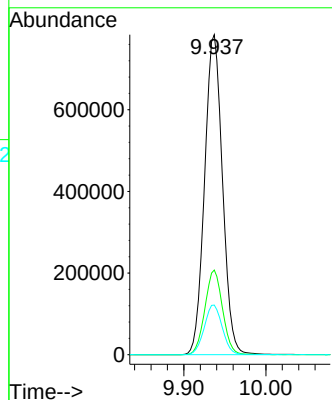
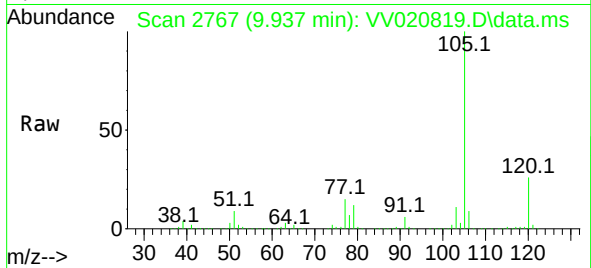




#56
Isopropylbenzene
Concen: 51.91 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

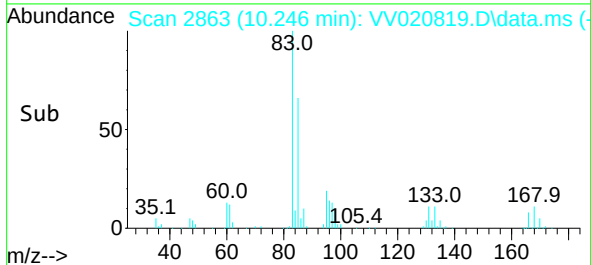
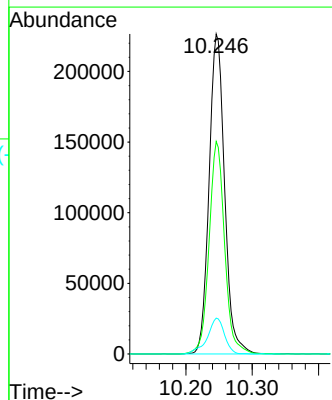
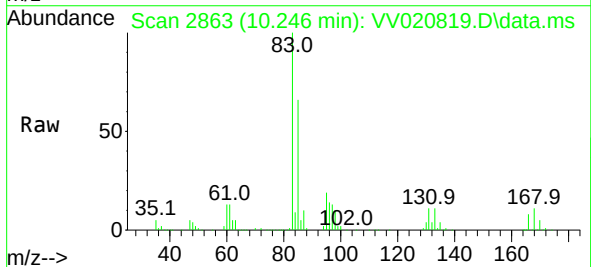
Instrument :
MSVOA_V
ClientSampleId :

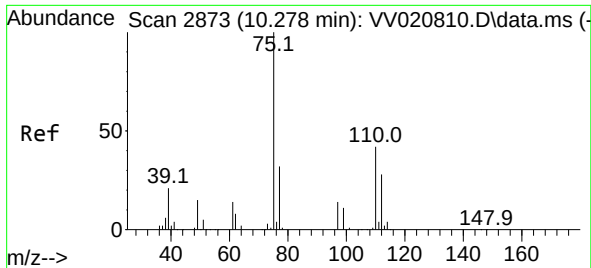
Tgt Ion:105 Resp: 1188285
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 15.7 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 46.83 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 83 Resp: 368342
Ion Ratio Lower Upper
83 100
85 66.4 44.7 83.1
131 11.2 8.6 12.8

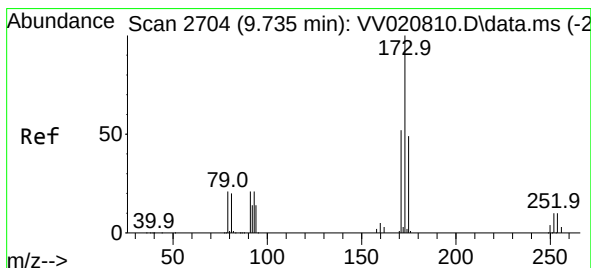
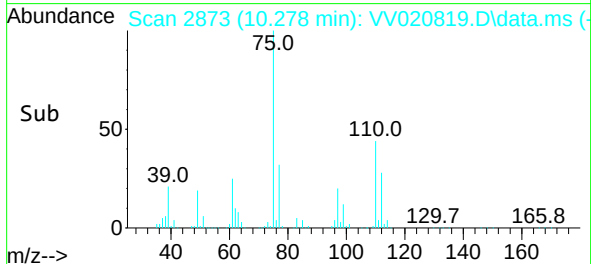
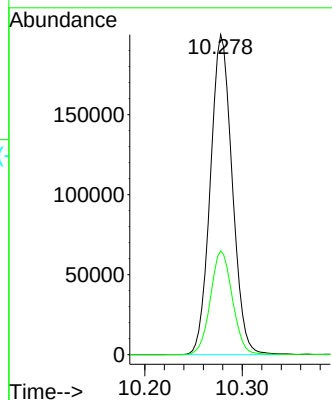
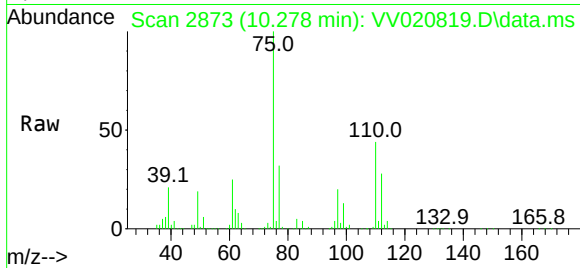




#59
1,2,3-Trichloropropane
Concen: 48.74 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

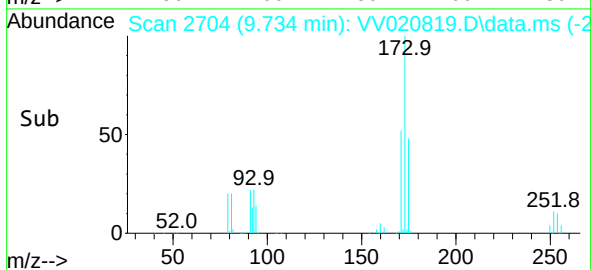
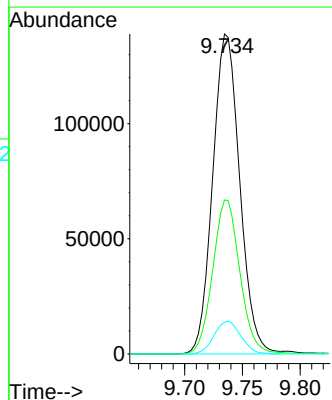
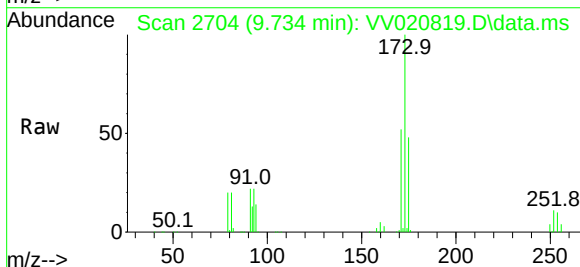
Instrument :
MSVOA_V
ClientSampleId :

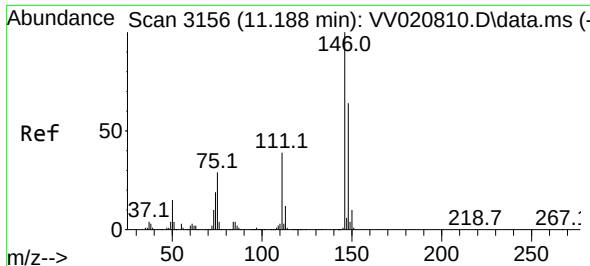
Tgt Ion: 75 Resp: 312015
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9



#61
Bromoform
Concen: 47.65 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 173 Resp: 226097
Ion Ratio Lower Upper
173 100
175 48.4 38.4 57.6
254 10.1 8.5 12.7

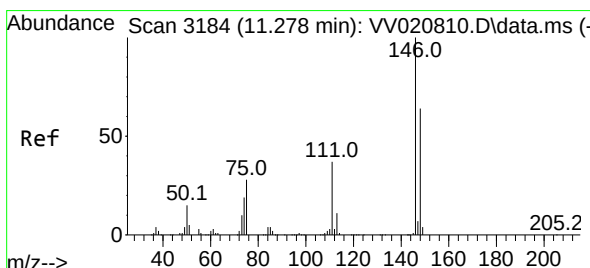
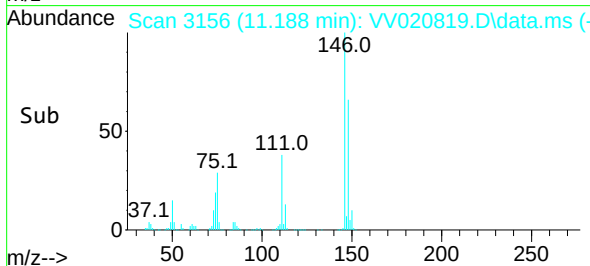
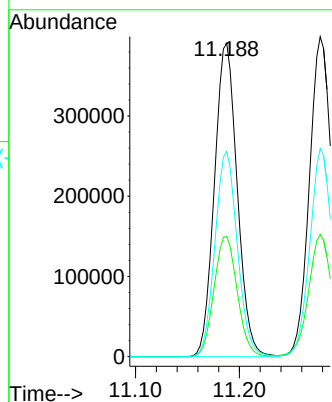
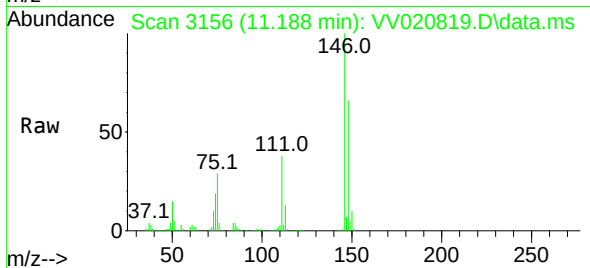




#62
1,3-Dichlorobenzene
Concen: 46.80 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

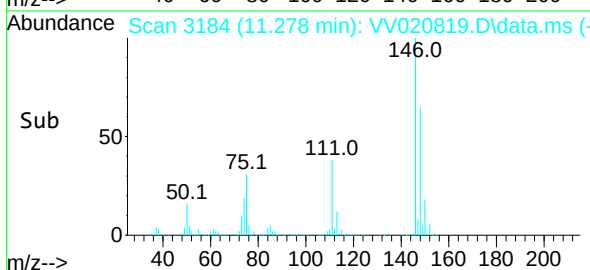
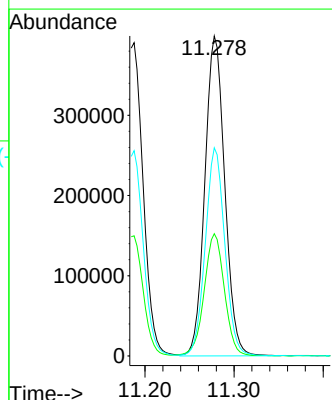
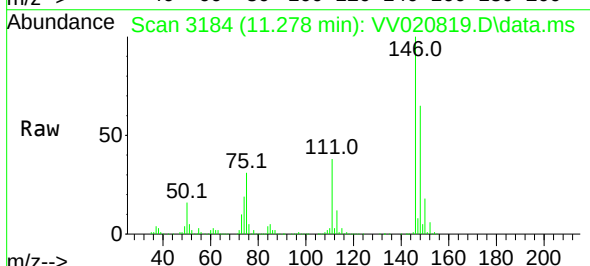
Instrument :
MSVOA_V
ClientSampleId :

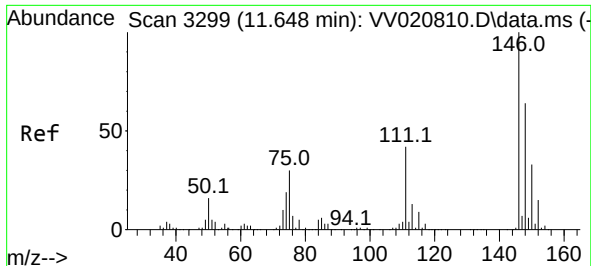
Tgt Ion:146 Resp: 596831
Ion Ratio Lower Upper
146 100
111 38.3 27.4 51.0
148 65.5 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 46.48 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion:146 Resp: 616536
Ion Ratio Lower Upper
146 100
111 38.2 26.0 48.4
148 65.0 44.1 81.9

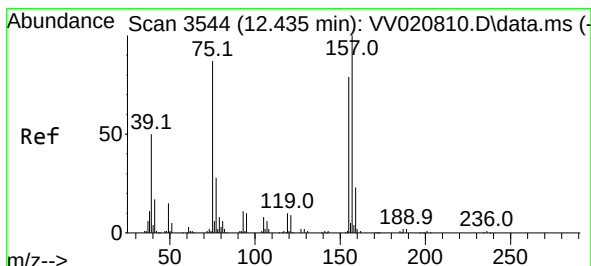
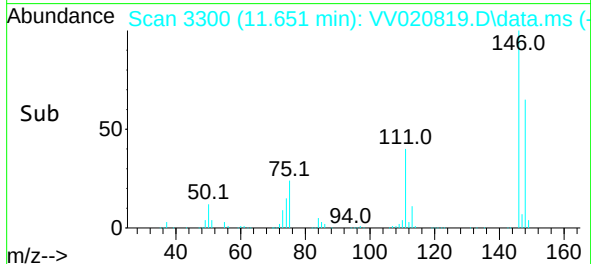
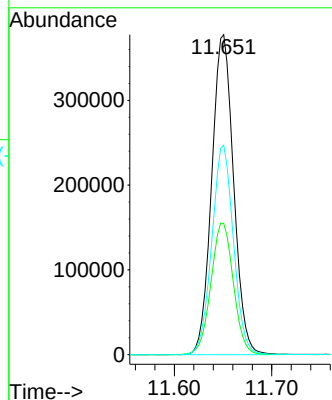
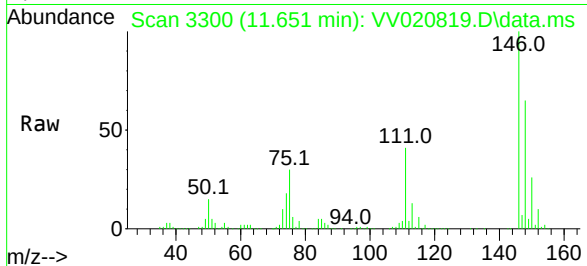




#65
1,2-Dichlorobenzene
Concen: 46.88 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

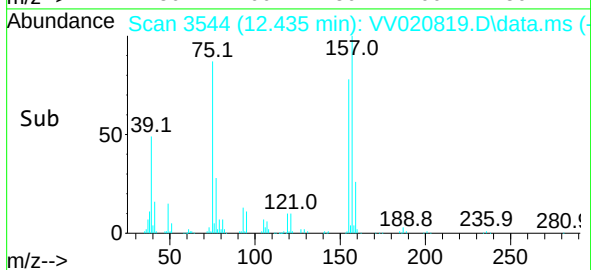
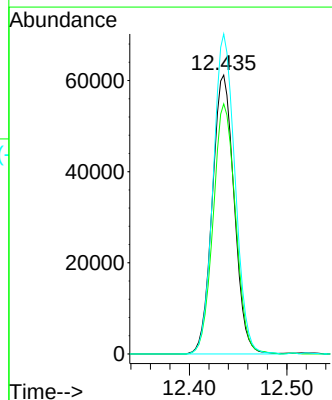
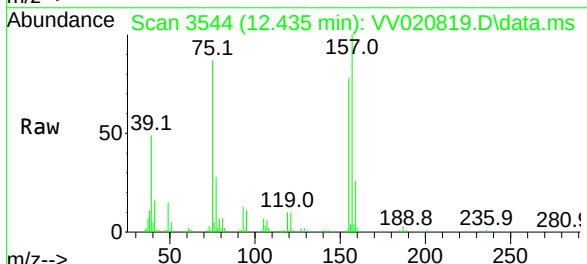
Instrument :
MSVOA_V
ClientSampled :

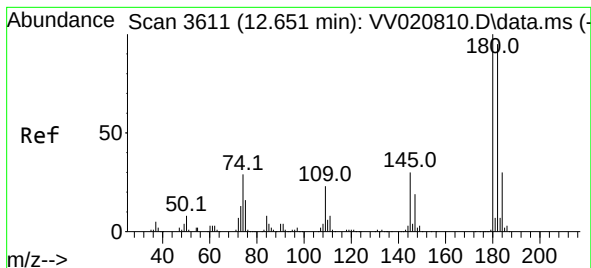
Tgt Ion:146 Resp: 589229
Ion Ratio Lower Upper
146 100
111 41.0 34.1 51.1
148 65.4 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 44.97 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion: 75 Resp: 95563
Ion Ratio Lower Upper
75 100
155 89.7 65.3 97.9
157 114.8 85.8 128.6





#67

1,3,5-Trichlorobenzene

Concen: 47.80 ug/L

RT: 12.654 min Scan# 3612

Delta R.T. 0.003 min

Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

Tgt Ion:180 Resp: 472518

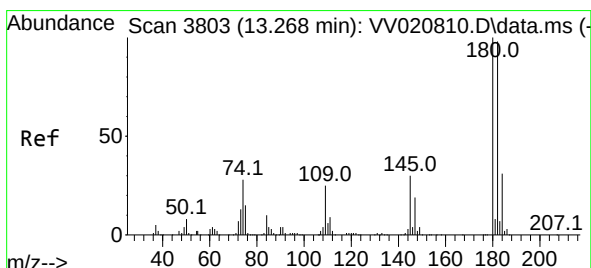
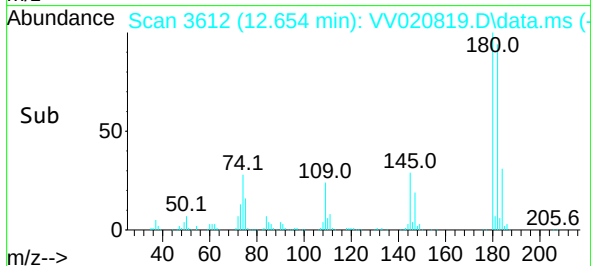
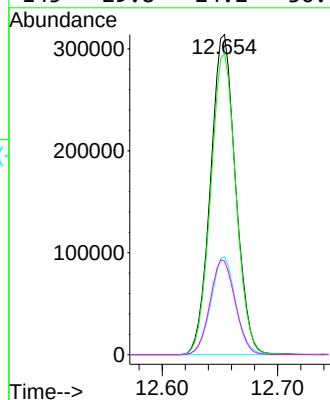
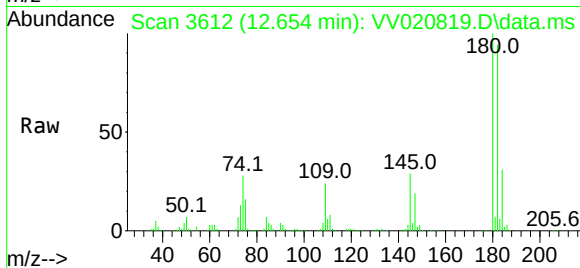
Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

184 30.2 24.5 36.7

145 29.8 24.2 36.4



#68

1,2,4-trichlorobenzene

Concen: 49.29 ug/L

RT: 13.268 min Scan# 3803

Delta R.T. -0.000 min

Lab File: VV020819.D

Acq: 01 Apr 2021 10:26

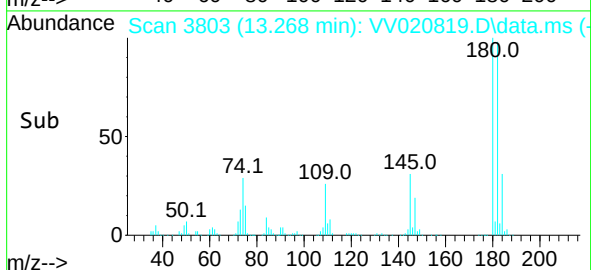
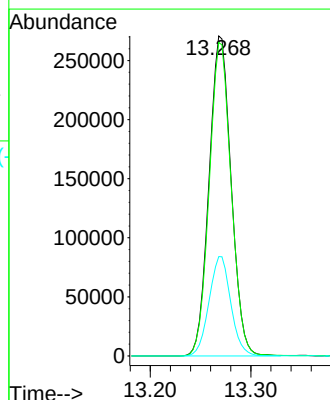
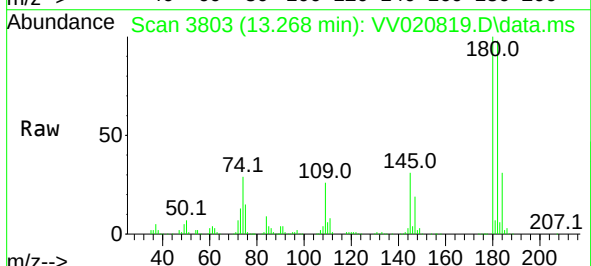
Tgt Ion:180 Resp: 413188

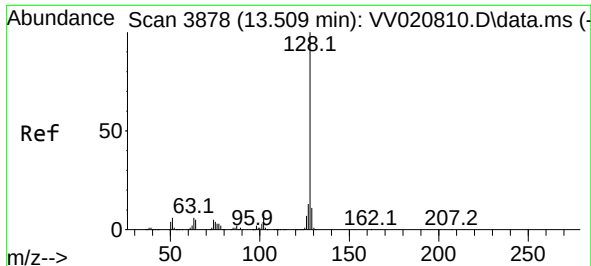
Ion Ratio Lower Upper

180 100

182 97.1 75.8 113.6

145 30.6 23.9 35.9

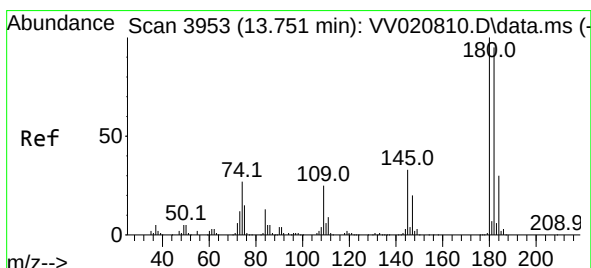
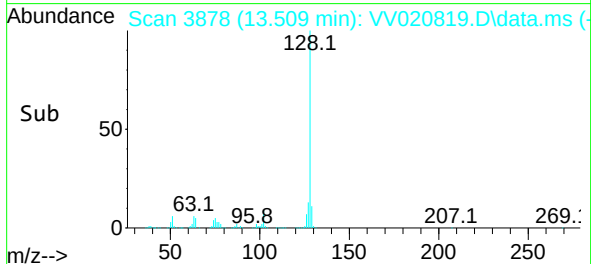
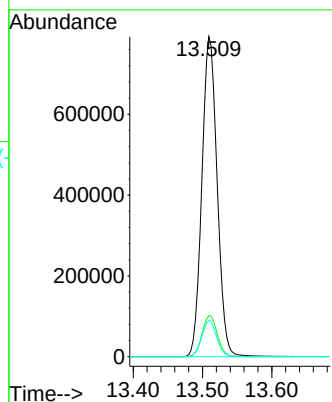
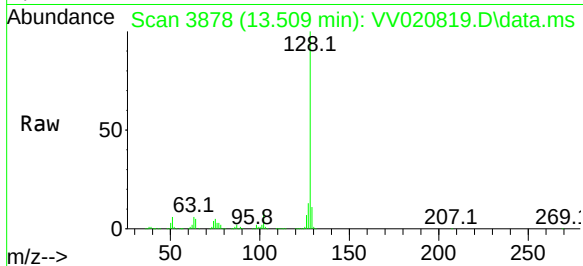




#69
Naphthalene
Concen: 50.48 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1211211
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 50.16 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020819.D
Acq: 01 Apr 2021 10:26

Tgt Ion:180 Resp: 421051
Ion Ratio Lower Upper
180 100
182 95.0 75.2 112.8
145 31.1 25.5 38.3

