

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041962.D
 Acq On : 12 Jan 2021 09:46
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005302

Quant Time: Jan 13 05:37:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:36:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	238992	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201260	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	95159	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	12428	6.96	ug/L	0.00
7) Chloroethane-d5	1.919	69	10074	6.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	20263	6.41	ug/L	0.00
21) 2-Butanone-d5	4.645	46	16893	12.42	ug/L	0.00
24) Chloroform-d	5.073	84	18279	5.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	12234	6.04	ug/L	0.00
32) Benzene-d6	5.739	84	33057	5.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	11364	6.30	ug/L	0.00
41) Toluene-d8	7.903	98	28542	5.21	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5096	5.47	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	9106	9.25	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	15892	5.79	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.185	152	9834	5.02	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11285	5.67	ug/L	99
3) Chloromethane	1.523	50	13778	7.59	ug/L	93
5) Vinyl chloride	1.607	62	13487	6.67	ug/L	97
6) Bromomethane	1.864	94	7968	5.34	ug/L	100
8) Chloroethane	1.941	64	8543	6.32	ug/L	98
9) Trichlorofluoromethane	2.147	101	17349	5.85	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	9435	5.87	ug/L	90
12) 1,1-Dichloroethene	2.588	96	8892	5.80	ug/L	92
13) Acetone	2.646	43	18329	18.04	ug/L	99
14) Carbon disulfide	2.803	76	27666	5.62	ug/L	99
15) Methyl Acetate	2.964	43	11666	6.03	ug/L	95
16) Methylene chloride	3.060	84	10228	5.83	ug/L	94
17) trans-1,2-Dichloroethene	3.366	96	8905	5.60	ug/L	90
18) Methyl tert-butyl Ether	3.375	73	27531	5.58	ug/L	97
19) 1,1-Dichloroethane	3.883	63	17680	6.09	ug/L	94
20) cis-1,2-Dichloroethene	4.681	96	8817	5.06	ug/L	85
22) 2-Butanone	4.726	43	20284	13.87	ug/L #	69
23) Bromochloromethane	4.986	128	4184	4.48	ug/L #	75
25) Chloroform	5.102	83	17464	5.70	ug/L	95
27) 1,2-Dichloroethane	5.803	62	14127	5.91	ug/L	96
29) Cyclohexane	5.395	56	12981	5.61	ug/L	90
30) 1,1,1-Trichloroethane	5.327	97	15030	6.02	ug/L	98
31) Carbon tetrachloride	5.533	117	12256	5.62	ug/L	99
33) Benzene	5.784	78	35471	5.57	ug/L	100
34) Trichloroethene	6.549	95	9656	5.86	ug/L	91
35) Methylcyclohexane	6.768	83	13166	5.04	ug/L #	87
37) 1,2-Dichloropropane	6.800	63	10254	6.42	ug/L #	96
38) Bromodichloromethane	7.112	83	12731	5.88	ug/L #	95
39) cis-1,3-Dichloropropene	7.610	75	13381	5.25	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	28233	12.03	ug/L #	89
42) Toluene	7.973	91	32239	4.80	ug/L	96
44) trans-1,3-Dichloropropene	8.214	75	12083	4.89	ug/L	94
45) 1,1,2-Trichloroethane	8.401	97	8481	5.24	ug/L	94

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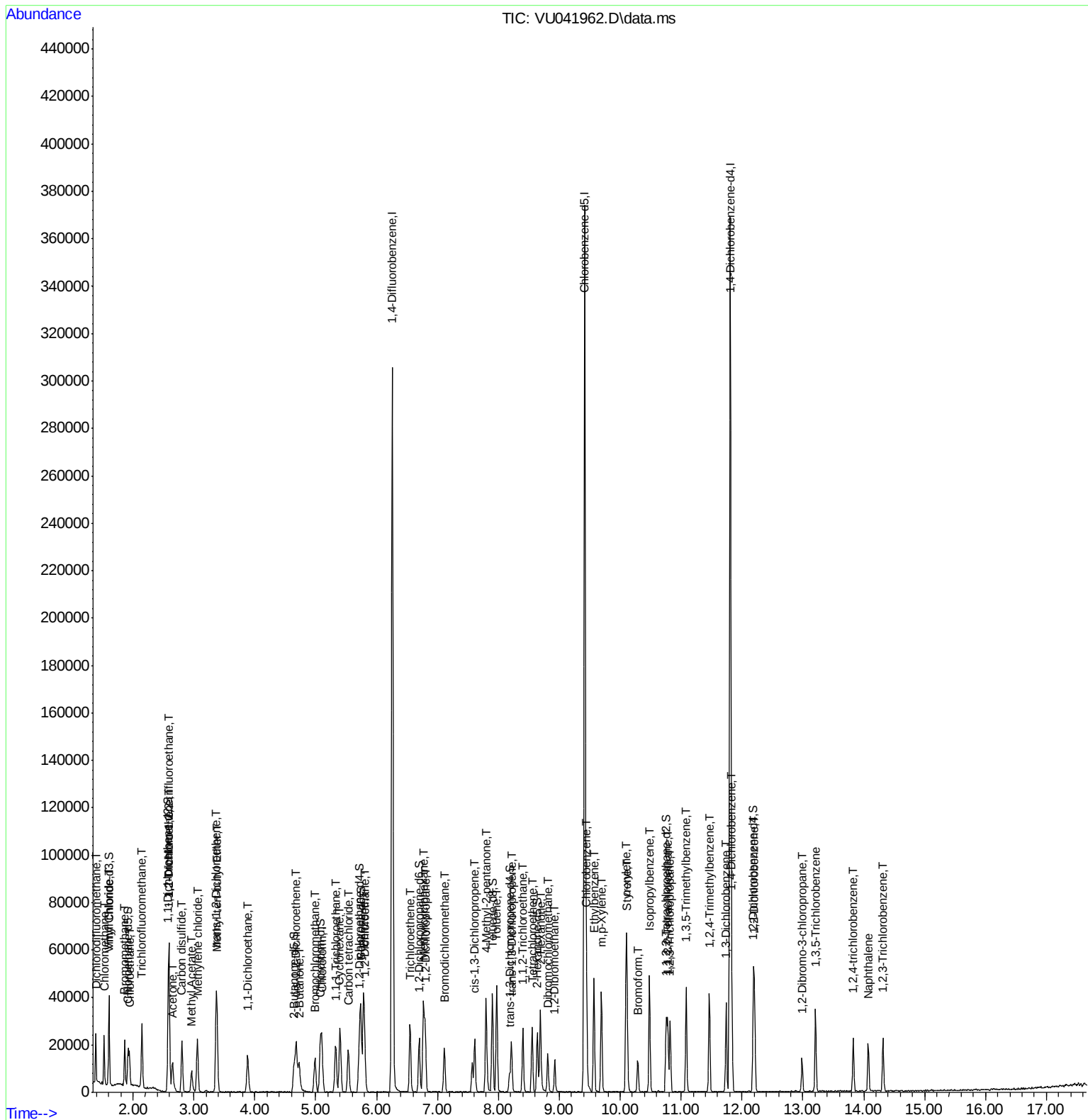
Quant Time: Jan 13 05:37:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:36:09 2021
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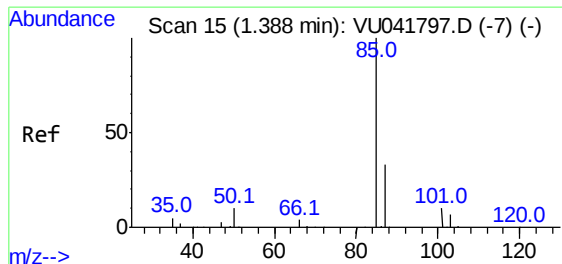
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Tetrachloroethene	8.555	164	5500	4.30	ug/L #	77
48) 2-Hexanone	8.690	43	22177	11.63	ug/L #	91
49) Dibromochloromethane	8.809	129	8815	5.03	ug/L	95
50) 1,2-Dibromoethane	8.925	107	8799	5.21	ug/L	98
51) Chlorobenzene	9.446	112	20912	4.87	ug/L	96
52) Ethylbenzene	9.568	91	33156	4.69	ug/L	99
53) m,p-Xylene	9.693	106	11870	4.37	ug/L	99
54) o-xylene	10.099	106	11507	4.34	ug/L	95
55) Styrene	10.111	104	20053	4.44	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.780	83	15122	5.44	ug/L	96
59) Bromoform	10.291	173	6059	4.78	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	12950	5.95	ug/L	98
61) Isopropylbenzene	10.481	105	30555	4.68	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	24049	4.43	ug/L	96
63) 1,2,4-Trimethylbenzene	11.462	105	22673	4.12	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	14950	4.78	ug/L	90
65) 1,4-Dichlorobenzene	11.832	146	14338	4.55	ug/L	95
67) 1,2-Dichlorobenzene	12.205	146	15572	4.83	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.986	75	4162	6.12	ug/L	89
69) 1,3,5-Trichlorobenzene	13.211	180	10580	4.70	ug/L	97
70) 1,2,4-trichlorobenzene	13.828	180	6477	3.59	ug/L	91
71) Naphthalene	14.073	128	16505	2.82	ug/L	100
72) 1,2,3-Trichlorobenzene	14.317	180	6584	3.61	ug/L	98

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

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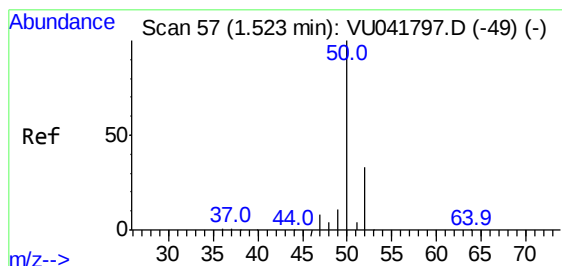
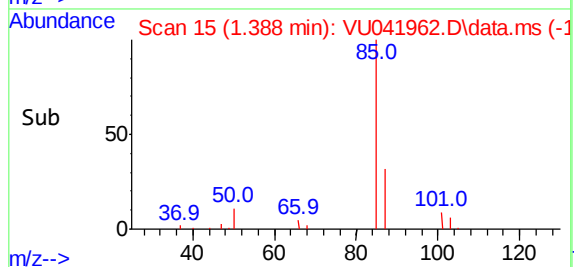
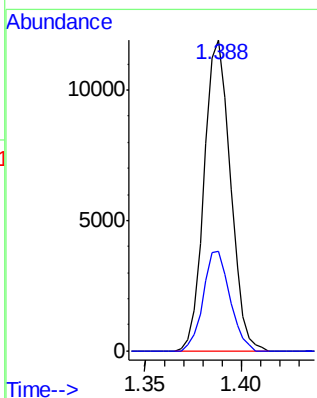
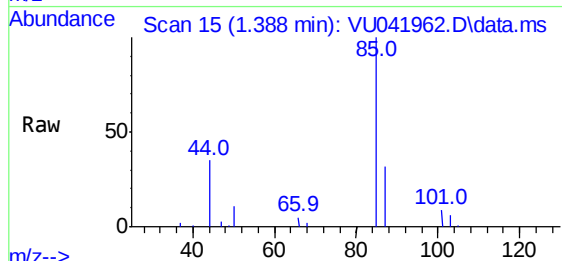


#2
 Dichlorodifluoromethane
 Concen: 5.67 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU041962.D
 Acq: 12 Jan 2021 09:46

Instrument :
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 VSTD005302

Tgt Ion: 85 Resp: 11285

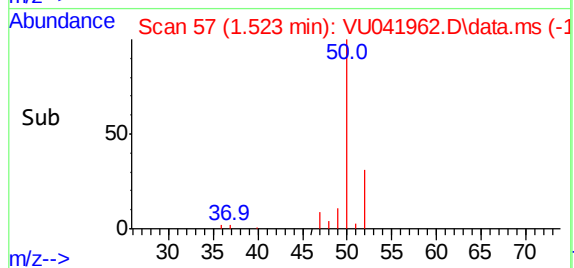
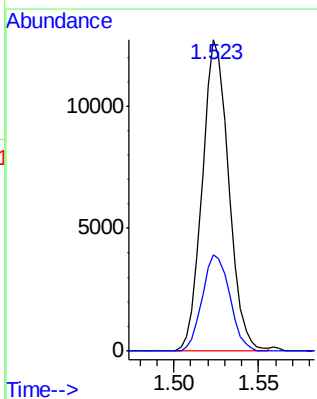
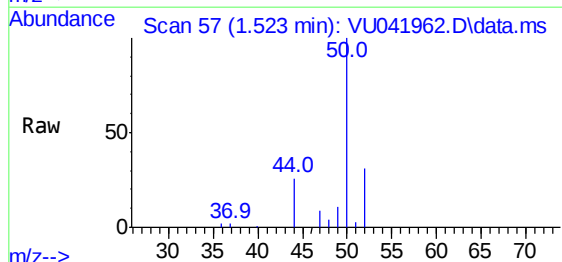
Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.2	39.4

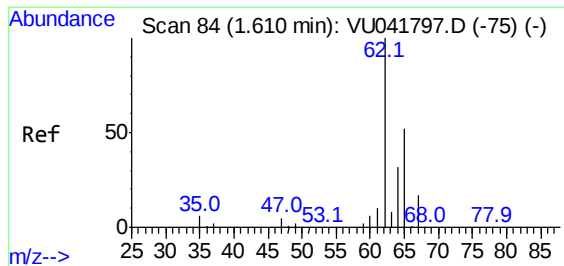


#3
 Chloromethane
 Concen: 7.59 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU041962.D
 Acq: 12 Jan 2021 09:46

Tgt Ion: 50 Resp: 13778

Ion	Ratio	Lower	Upper
50	100		
52	30.7	24.1	44.8

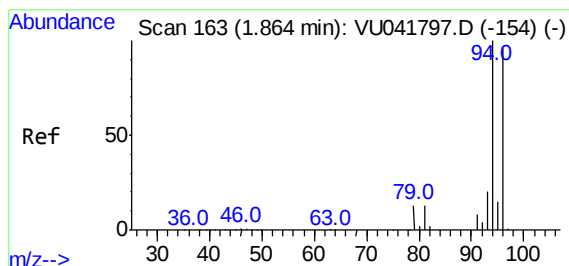
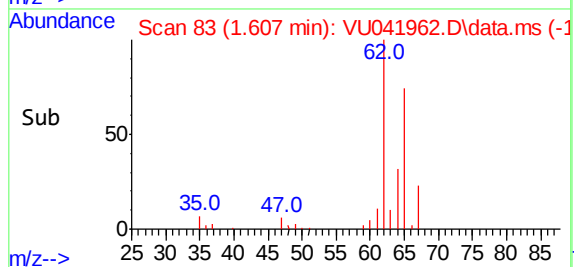
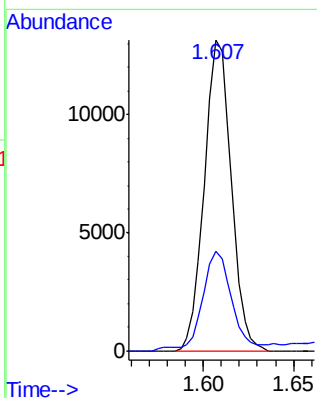
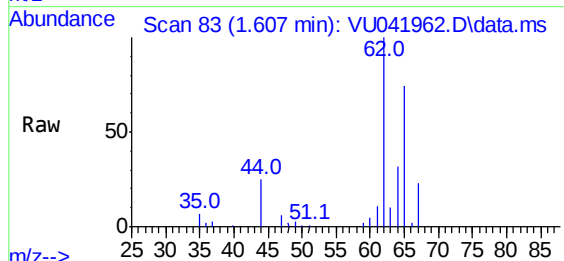




#5
 Vinyl chloride
 Concen: 6.67 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VU041962.D
 Acq: 12 Jan 2021 09:46

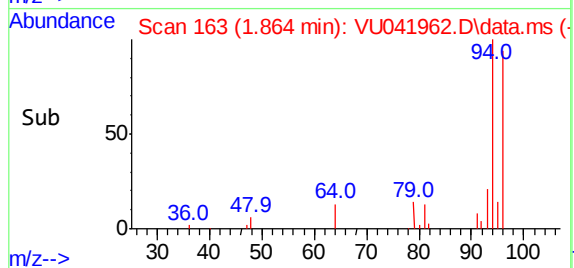
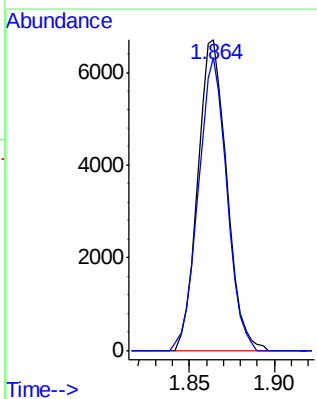
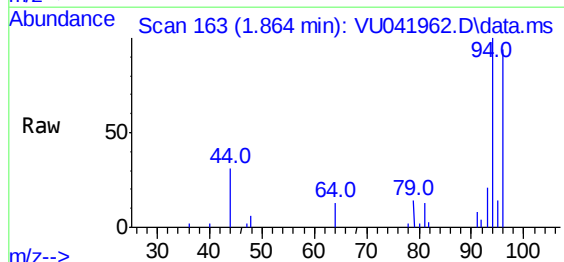
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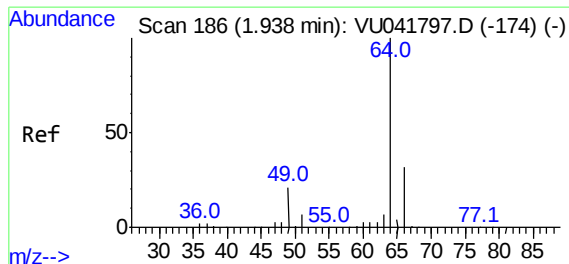
Tgt Ion: 62 Resp: 13487
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.9 44.3



#6
 Bromomethane
 Concen: 5.34 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU041962.D
 Acq: 12 Jan 2021 09:46

Tgt Ion: 94 Resp: 7968
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.1 122.7

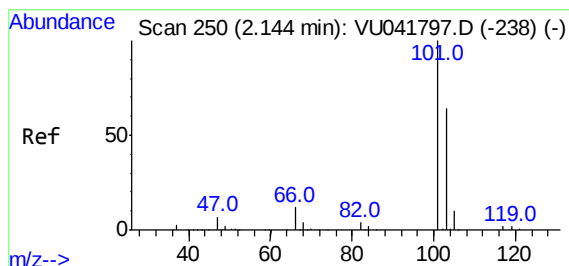
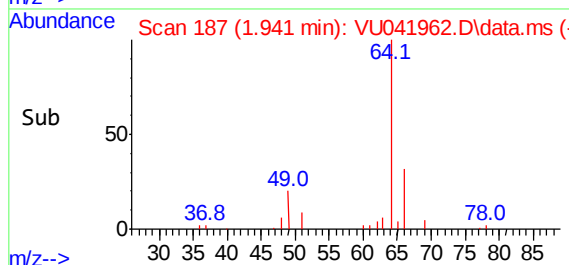
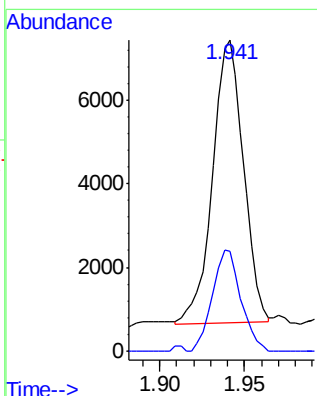
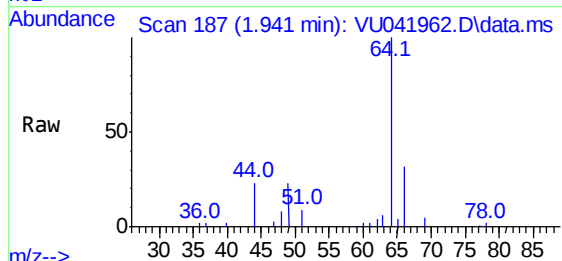




#8
Chloroethane
Concen: 6.32 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

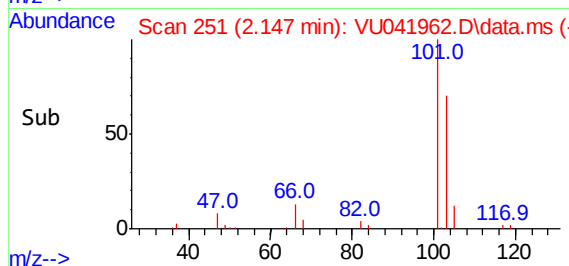
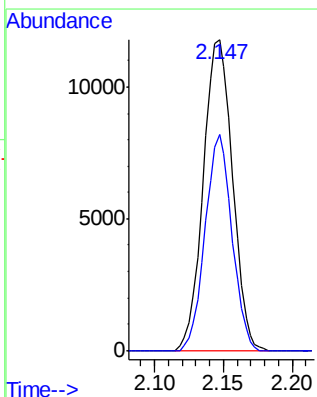
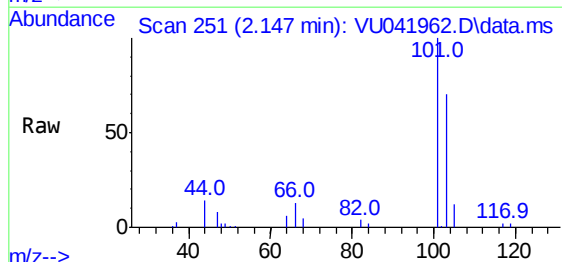
Instrument :
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ClientSampleId :
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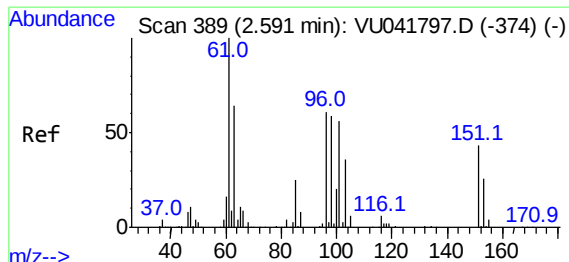
Tgt Ion: 64 Resp: 8543
Ion Ratio Lower Upper
64 100
66 32.1 21.6 40.0



#9
Trichlorofluoromethane
Concen: 5.85 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 101 Resp: 17349
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

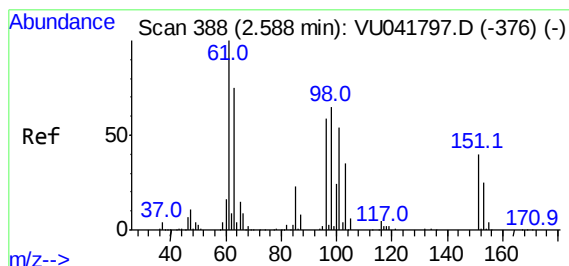
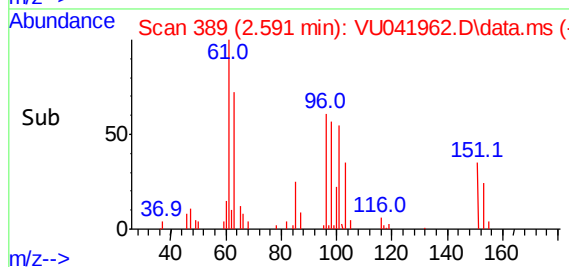
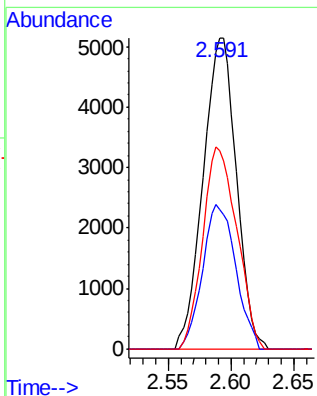
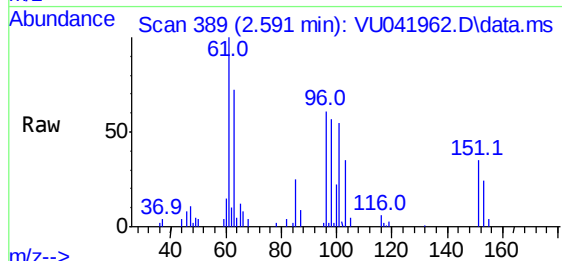




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.87 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU041962.D
 Acq: 12 Jan 2021 09:46

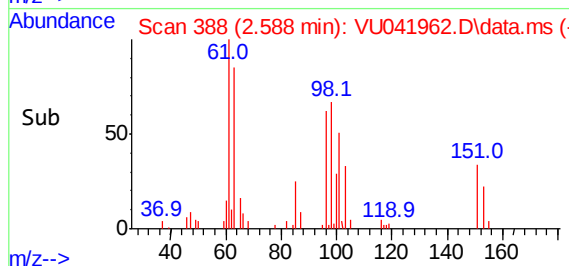
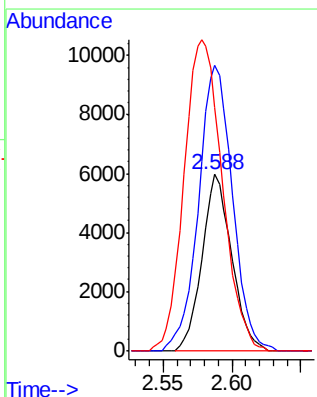
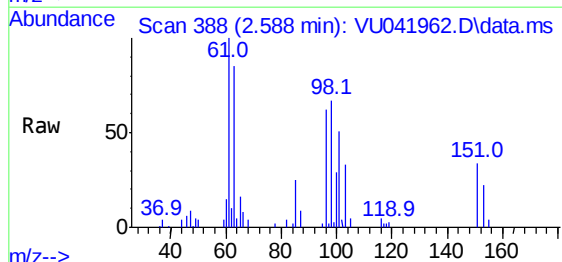
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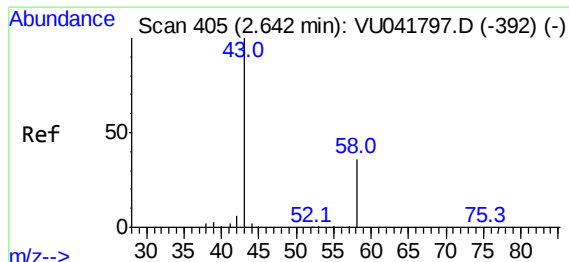
Tgt Ion:101 Resp: 9435
 Ion Ratio Lower Upper
 101 100
 85 46.1 32.7 49.1
 151 66.7 60.4 90.6



#12
 1,1-Dichloroethene
 Concen: 5.80 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU041962.D
 Acq: 12 Jan 2021 09:46

Tgt Ion: 96 Resp: 8892
 Ion Ratio Lower Upper
 96 100
 61 162.2 114.3 212.3
 63 138.4 83.0 154.2





#13

Acetone

Concen: 18.04 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU041962.D

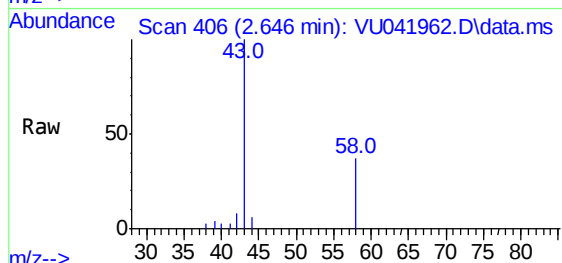
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Tgt Ion: 43 Resp: 18329

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.8



Abundance

2.646

6000

4000

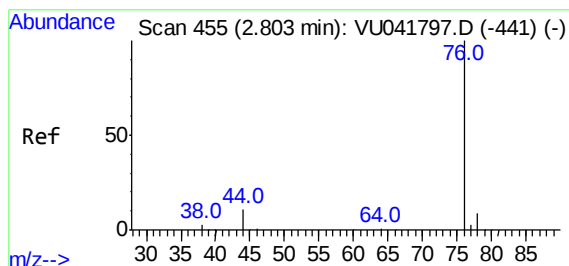
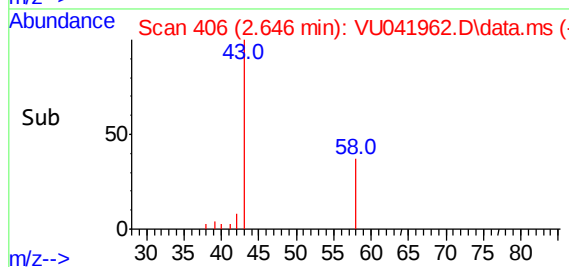
2000

0

2.60

2.70

Time-->



#14

Carbon disulfide

Concen: 5.62 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU041962.D

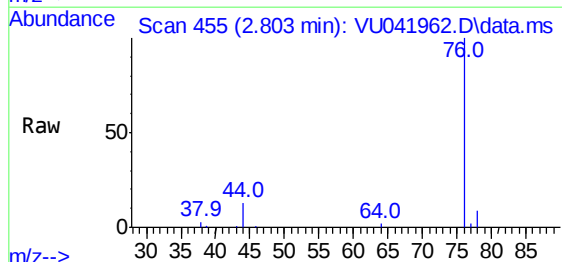
Acq: 12 Jan 2021 09:46

Tgt Ion: 76 Resp: 27666

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance

2.803

15000

10000

5000

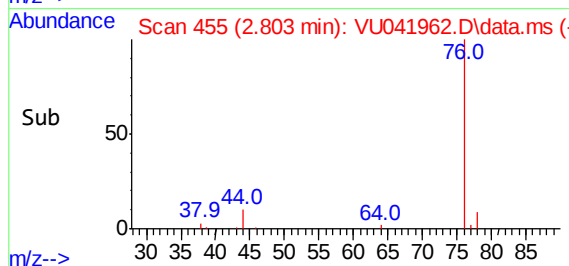
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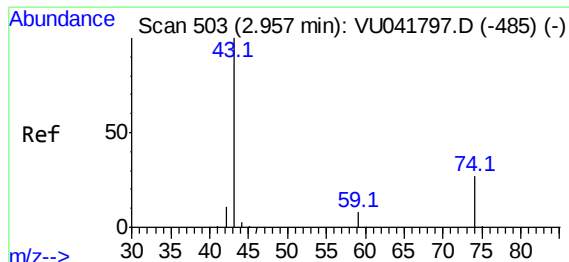
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2.80

2.85

Time-->

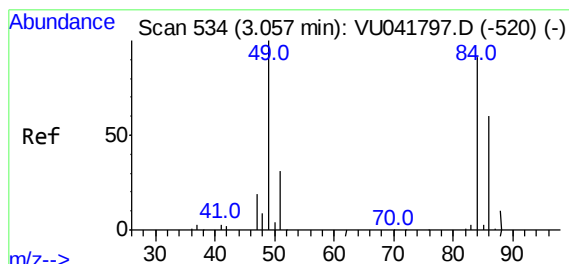
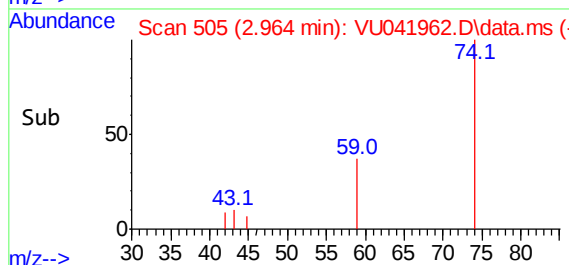
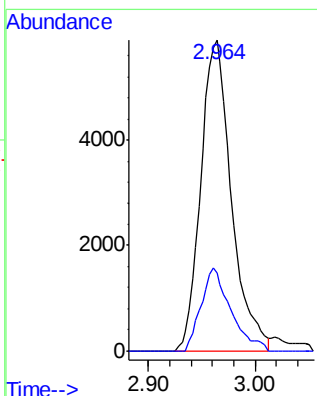
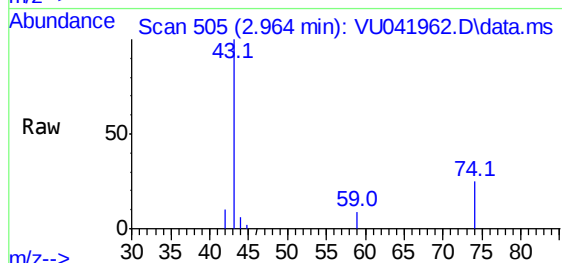




#15
Methyl Acetate
Concen: 6.03 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.007 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

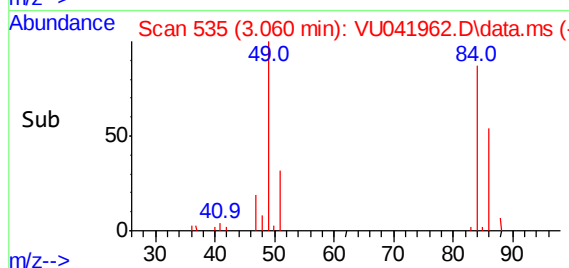
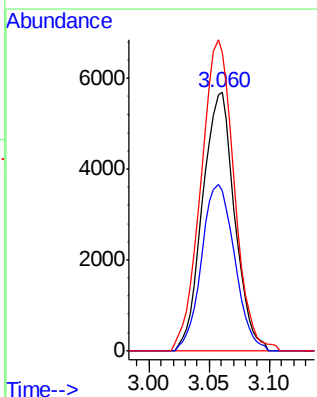
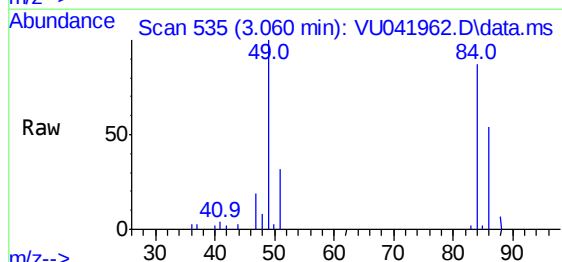
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

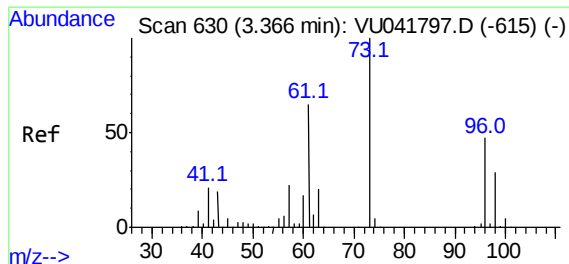
Tgt Ion: 43 Resp: 11666
Ion Ratio Lower Upper
43 100
74 25.0 22.1 33.1



#16
Methylene chloride
Concen: 5.83 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 84 Resp: 10228
Ion Ratio Lower Upper
84 100
86 61.8 44.0 81.6
49 115.6 75.0 139.4



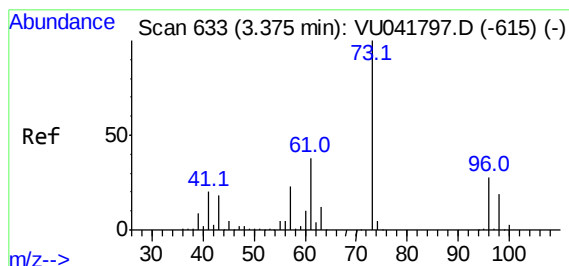
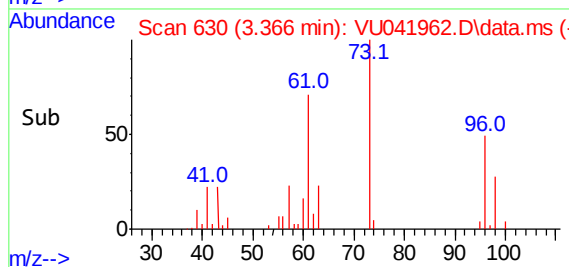
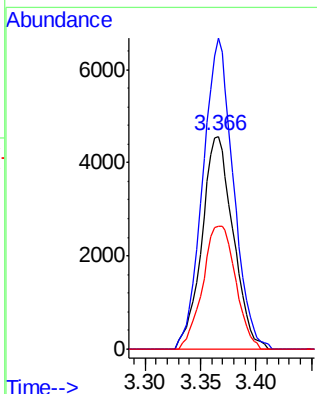
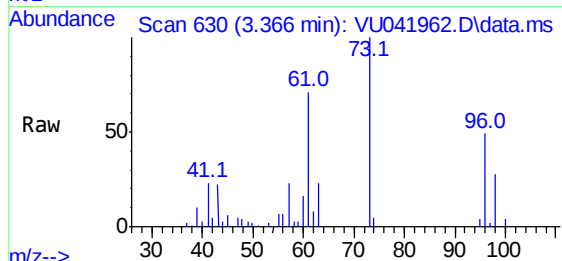


#17
trans-1,2-Dichloroethene
Concen: 5.60 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 96 Resp: 8905

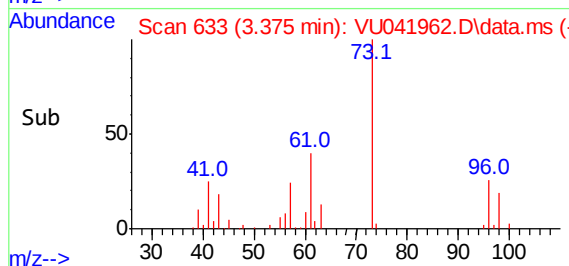
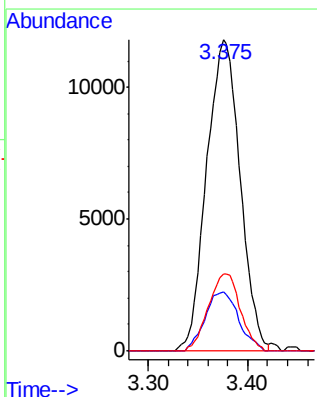
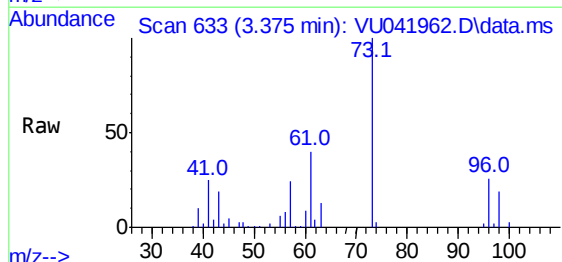
Ion	Ratio	Lower	Upper
96	100		
61	146.4	92.6	172.0
98	57.5	43.5	80.9

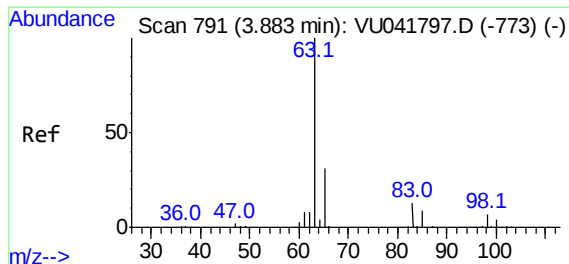


#18
Methyl tert-butyl Ether
Concen: 5.58 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 73 Resp: 27531

Ion	Ratio	Lower	Upper
73	100		
43	18.8	14.8	22.2
57	23.3	17.0	25.6



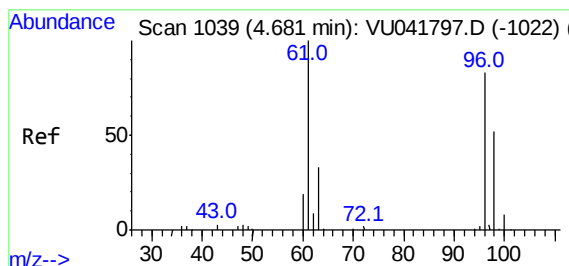
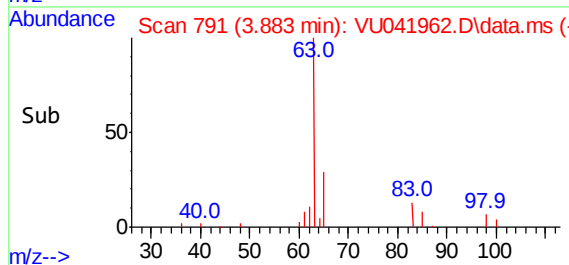
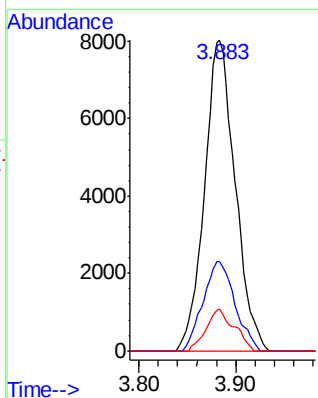
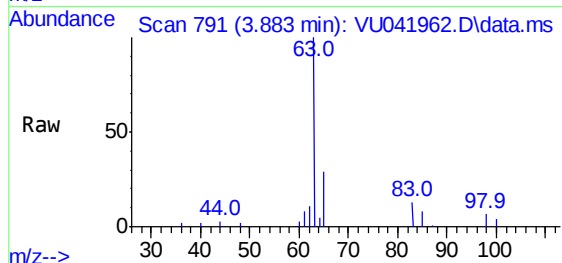


#19
1,1-Dichloroethane
Concen: 6.09 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 63 Resp: 17680

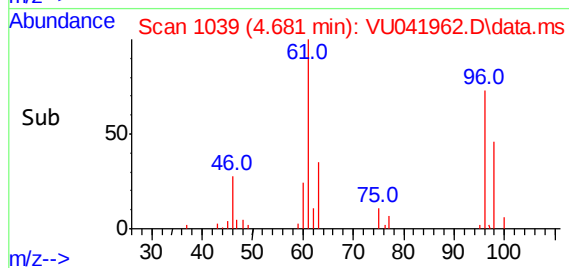
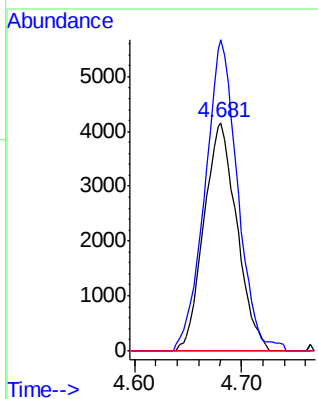
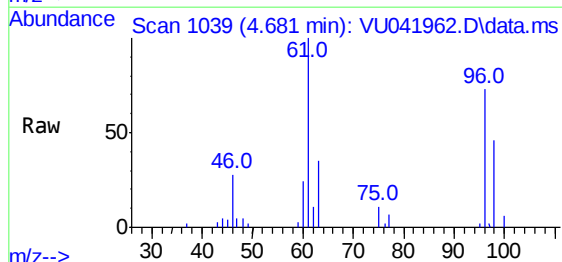
Ion	Ratio	Lower	Upper
63	100		
65	28.7	22.9	42.5
83	13.4	10.3	19.1

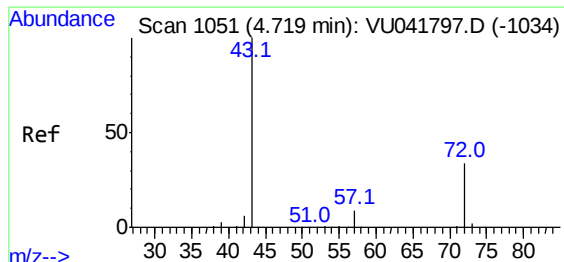


#20
cis-1,2-Dichloroethene
Concen: 5.06 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 96 Resp: 8817

Ion	Ratio	Lower	Upper
96	100		
61	136.4	83.7	155.5
68	0.0	0.0	0.0

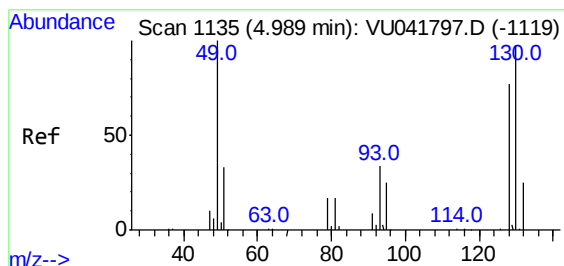
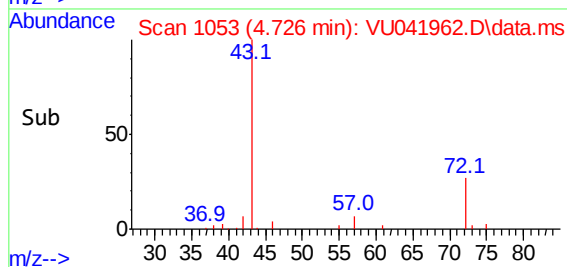
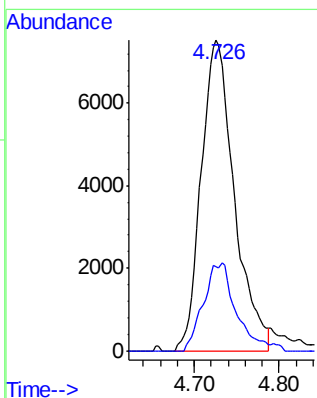
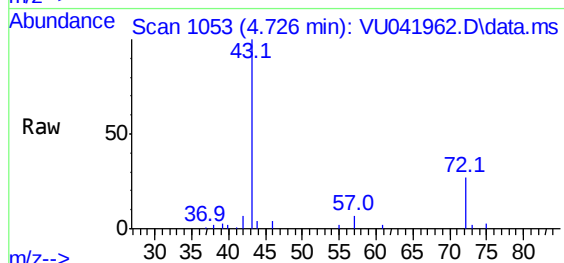




#22
2-Butanone
Concen: 13.87 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.007 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

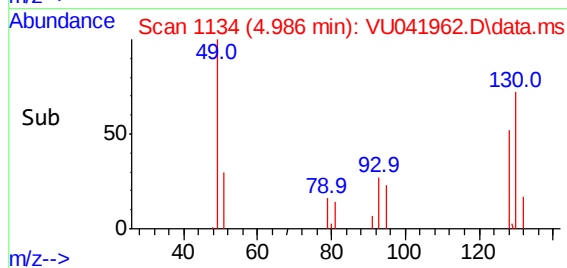
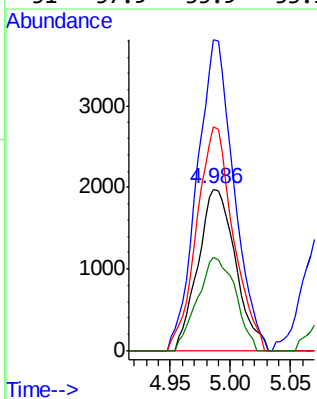
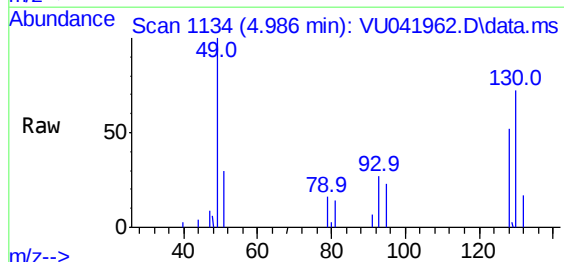
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

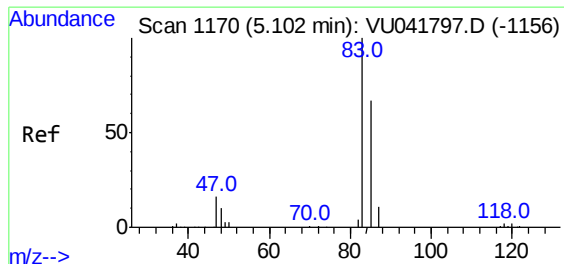
Tgt Ion: 43 Resp: 20284
Ion Ratio Lower Upper
43 100
72 14.0 15.6 46.8#



#23
Bromochloromethane
Concen: 4.48 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 128 Resp: 4184
Ion Ratio Lower Upper
128 100
49 192.6 97.9 181.9#
130 138.7 90.9 168.9
51 57.9 35.9 53.9#

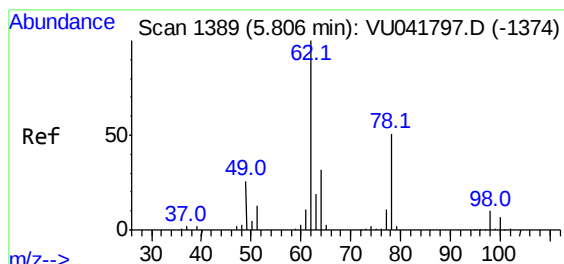
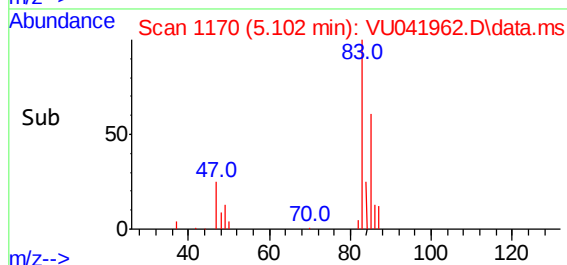
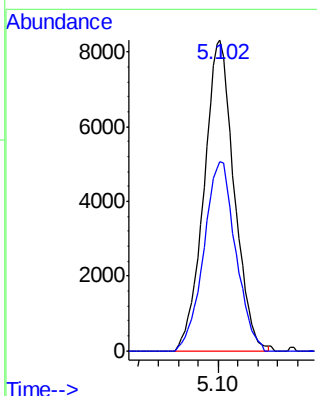
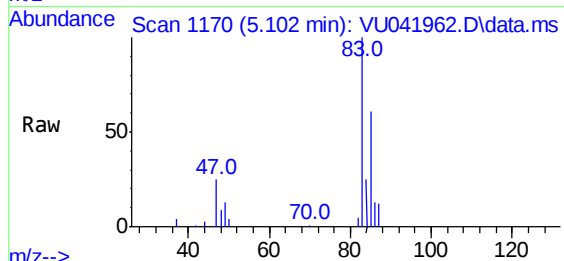




#25
Chloroform
Concen: 5.70 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

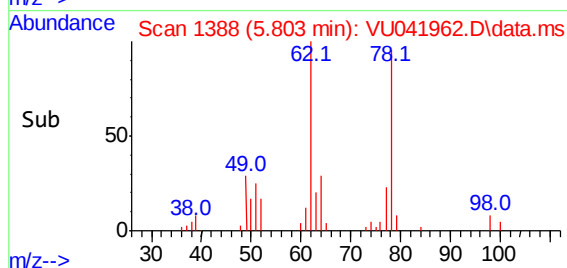
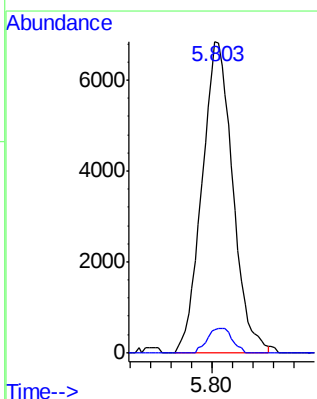
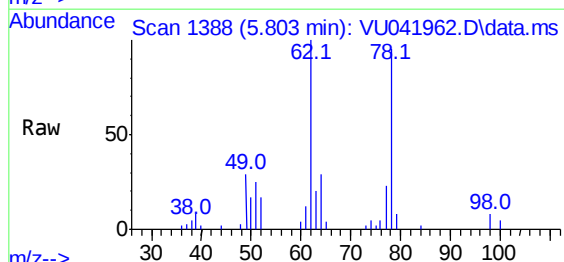
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

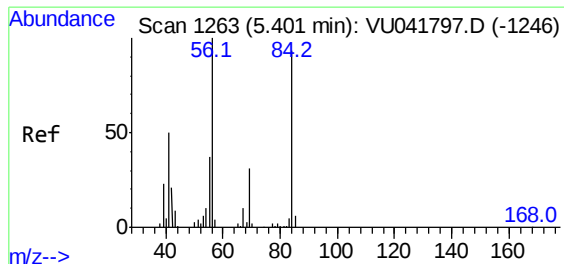
Tgt Ion: 83 Resp: 17464
Ion Ratio Lower Upper
83 100
85 61.1 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.91 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 62 Resp: 14127
Ion Ratio Lower Upper
62 100
98 7.5 7.1 10.7



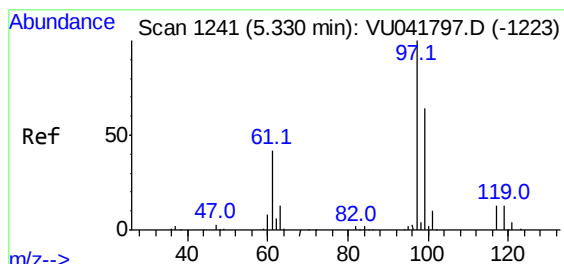
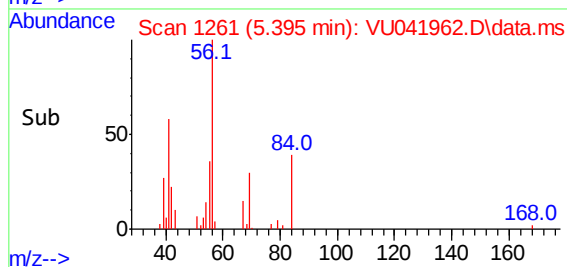
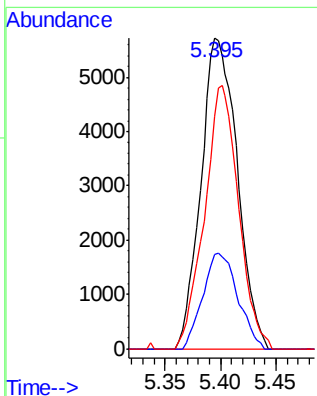
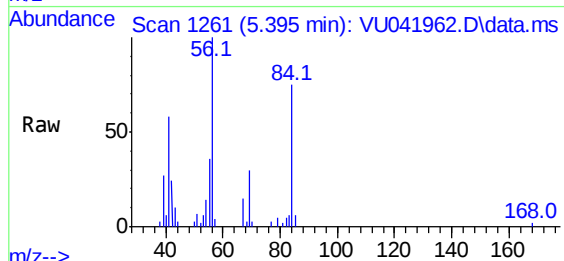


#29
Cyclohexane
Concen: 5.61 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 56 Resp: 12981

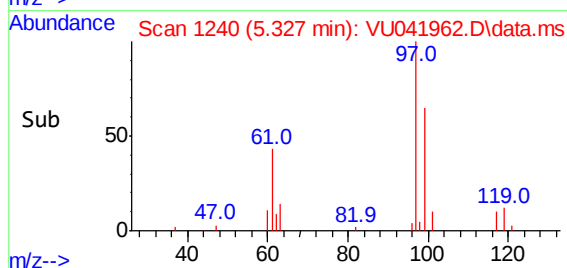
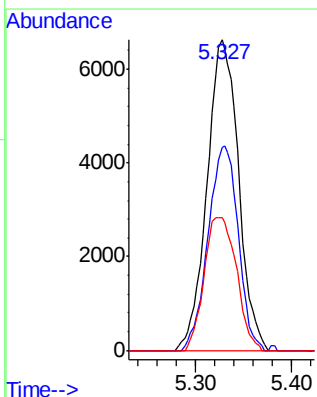
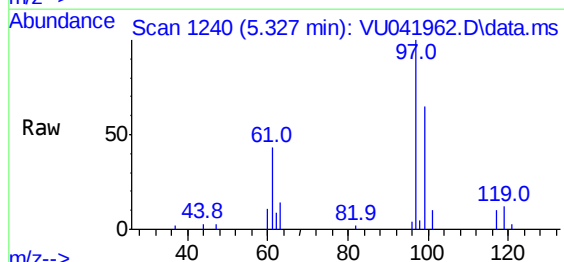
Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.0	37.6
84	79.4	72.6	109.0

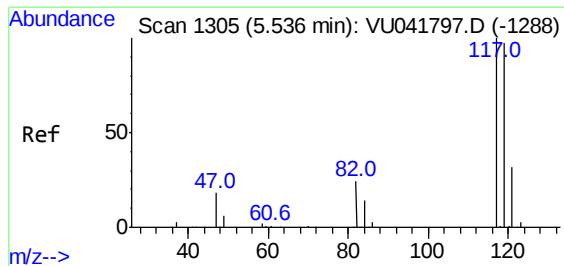


#30
1,1,1-Trichloroethane
Concen: 6.02 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 97 Resp: 15030

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.9	76.3
61	43.8	33.4	50.0

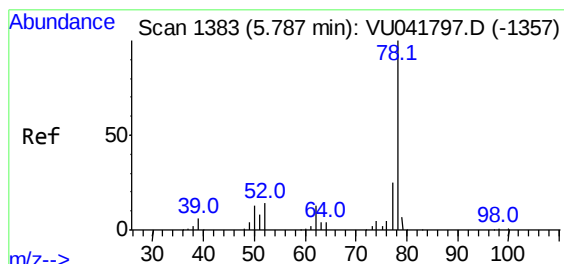
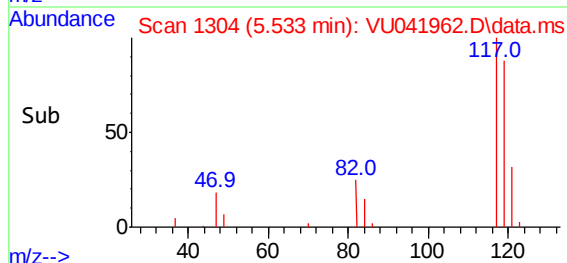
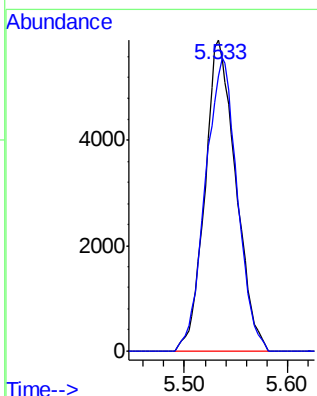
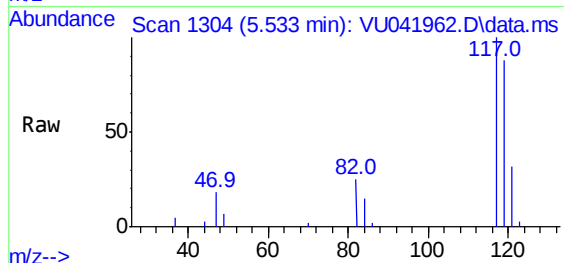




#31
Carbon tetrachloride
Concen: 5.62 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

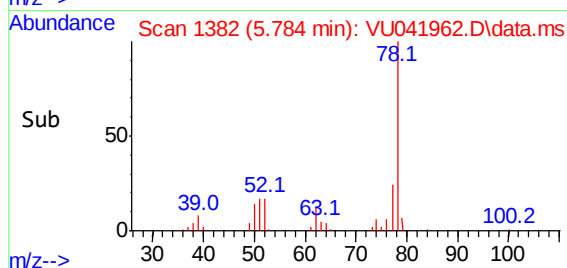
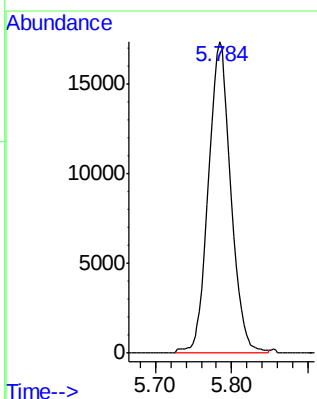
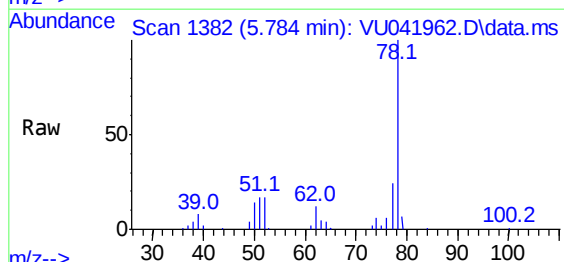
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

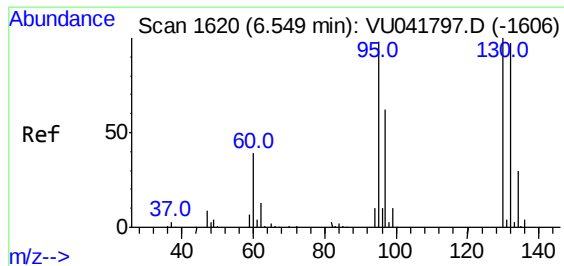
Tgt Ion:117 Resp: 12256
Ion Ratio Lower Upper
117 100
119 97.4 77.2 115.8



#33
Benzene
Concen: 5.57 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 78 Resp: 35471



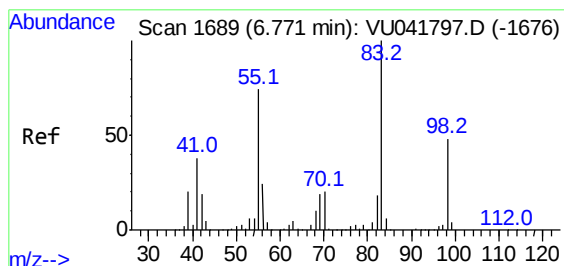
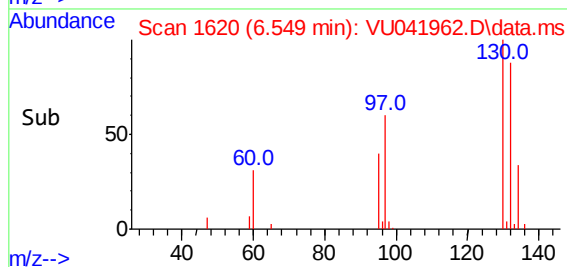
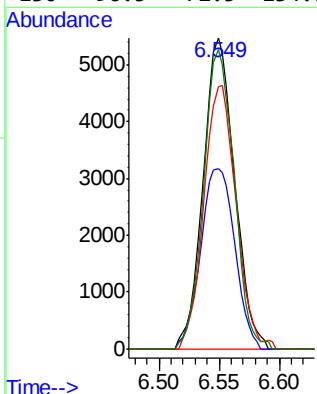
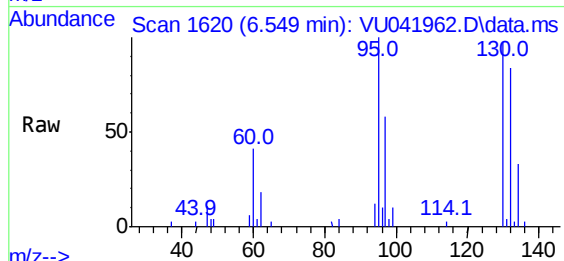


#34
Trichloroethene
Concen: 5.86 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 95 Resp: 9656

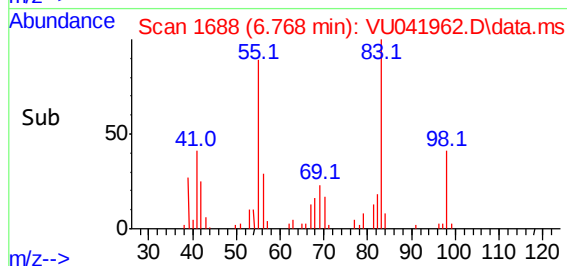
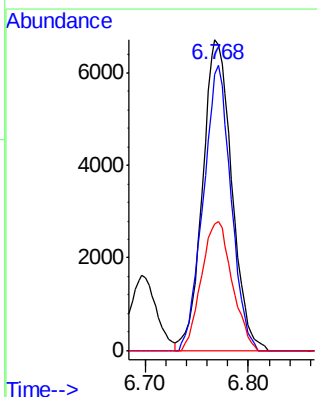
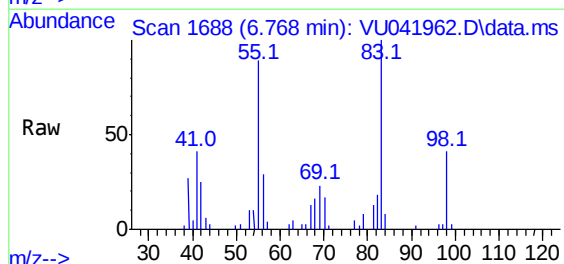
Ion	Ratio	Lower	Upper
95	100		
97	58.0	44.5	82.7
132	84.5	66.7	123.9
130	96.5	72.5	134.7

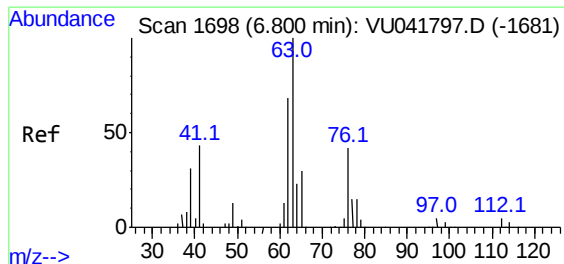


#35
Methylcyclohexane
Concen: 5.04 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 83 Resp: 13166

Ion	Ratio	Lower	Upper
83	100		
55	86.9	57.8	86.6#
98	43.5	37.7	56.5

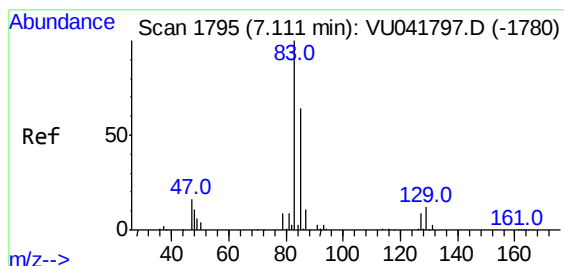
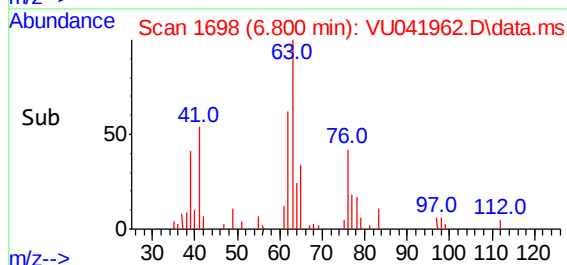
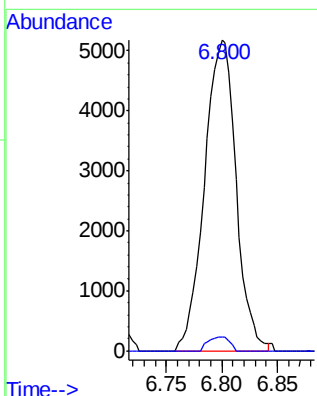
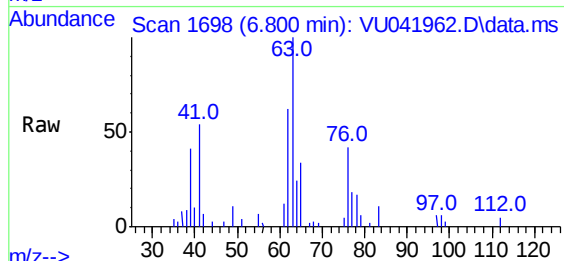




#37
1,2-Dichloropropane
Concen: 6.42 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

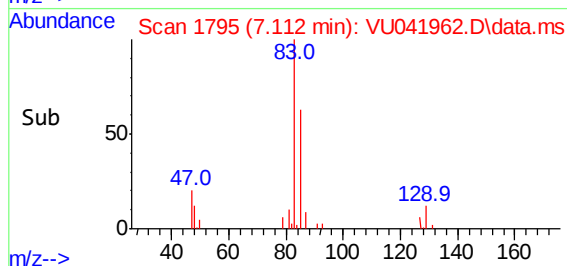
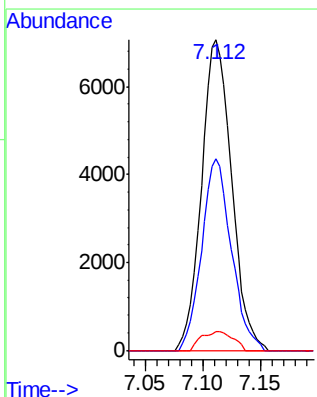
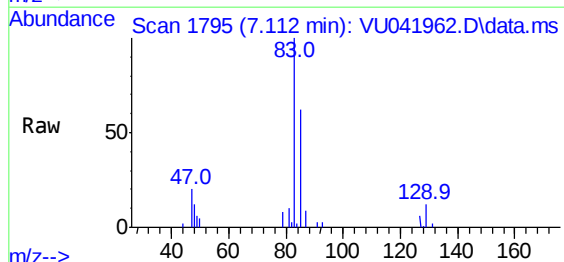
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

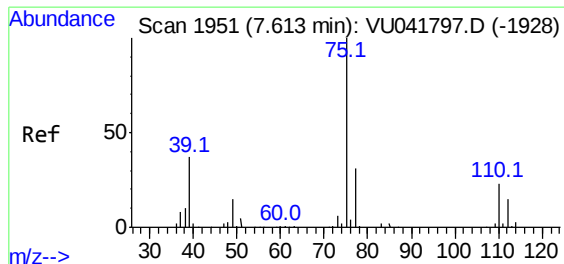
Tgt Ion: 63 Resp: 10254
Ion Ratio Lower Upper
63 100
112 3.1 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.88 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 83 Resp: 12731
Ion Ratio Lower Upper
83 100
85 61.9 45.9 85.3
127 6.0 7.5 11.3#

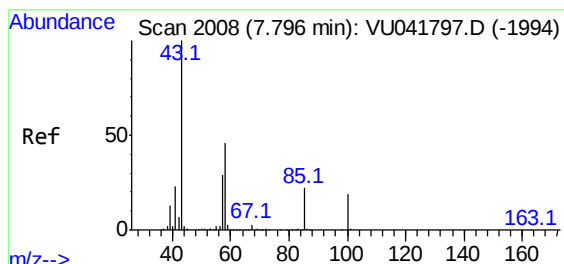
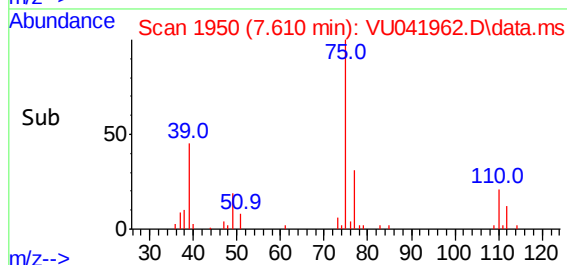
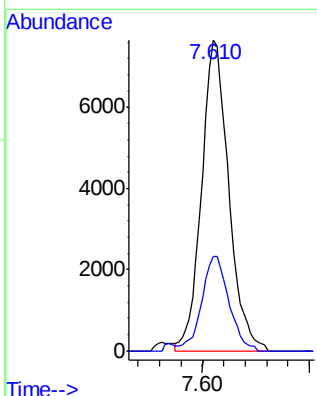
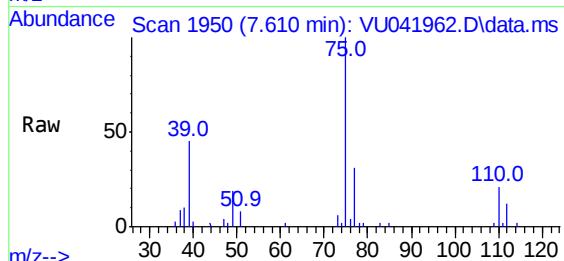




#39
cis-1,3-Dichloropropene
Concen: 5.25 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

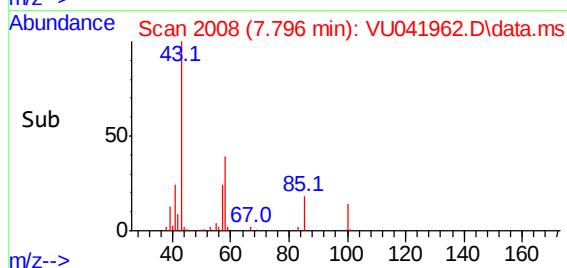
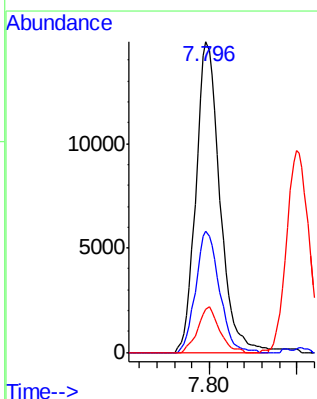
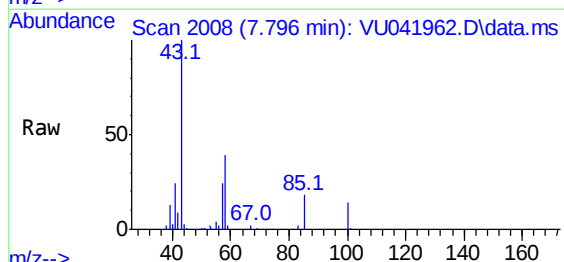
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

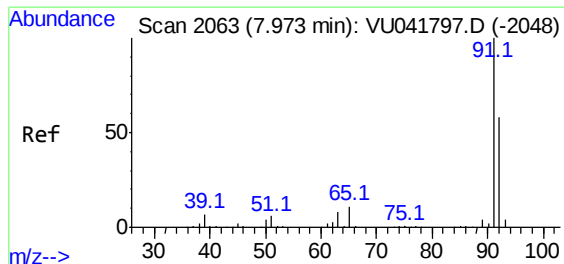
Tgt Ion: 75 Resp: 13381
Ion Ratio Lower Upper
75 100
77 30.6 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 12.03 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 43 Resp: 28233
Ion Ratio Lower Upper
43 100
58 38.3 36.1 54.1
100 13.0 14.9 22.3#

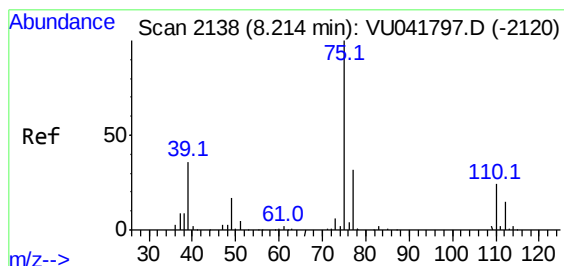
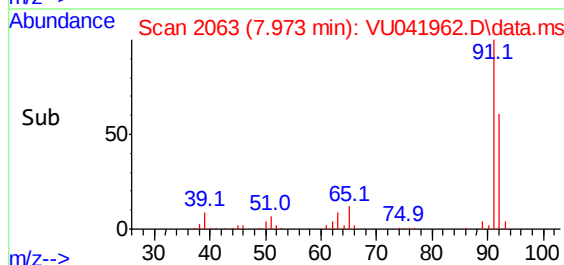
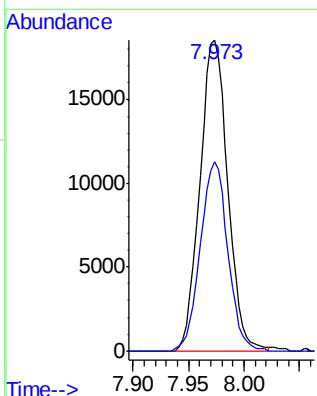
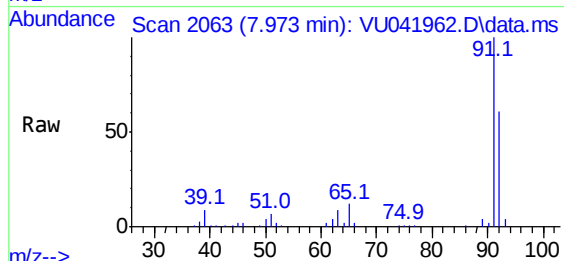




#42
Toluene
Concen: 4.80 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

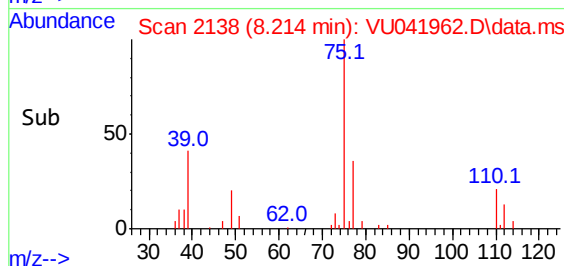
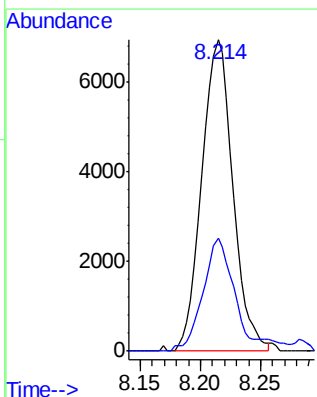
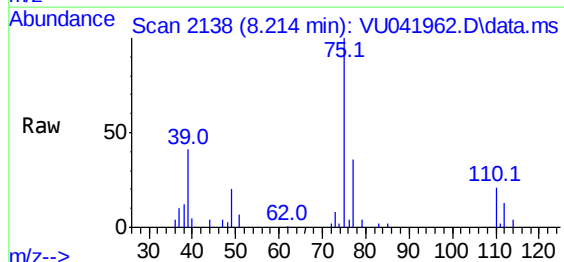
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

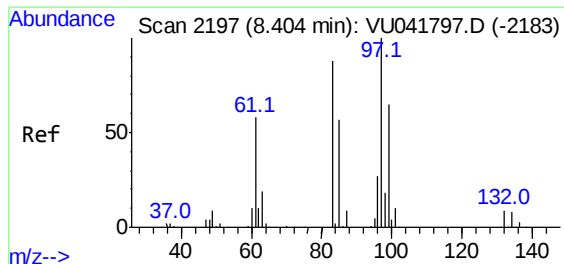
Tgt Ion: 91 Resp: 32239
Ion Ratio Lower Upper
91 100
92 60.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.89 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 75 Resp: 12083
Ion Ratio Lower Upper
75 100
77 35.9 23.0 42.6



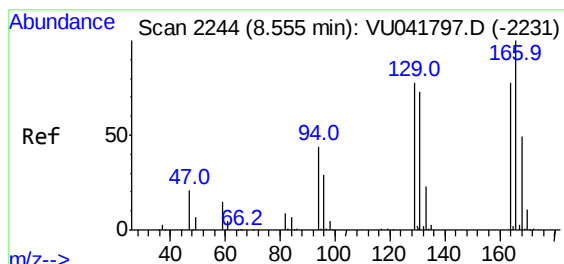
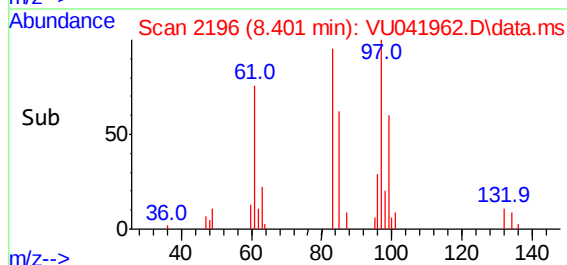
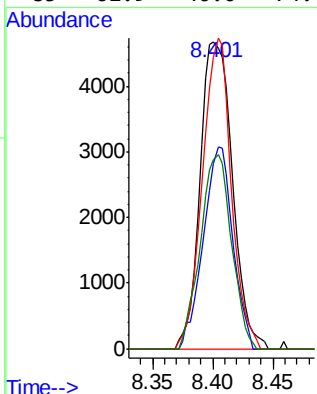
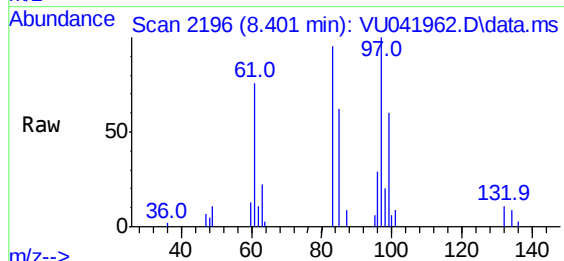


#45
1,1,2-Trichloroethane
Concen: 5.24 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 97 Resp: 8481

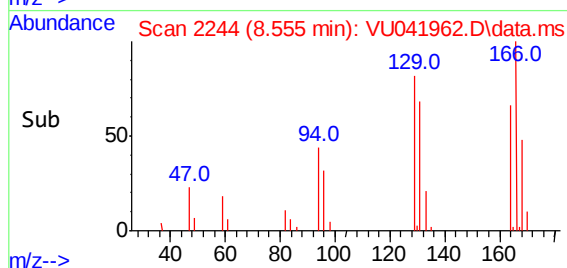
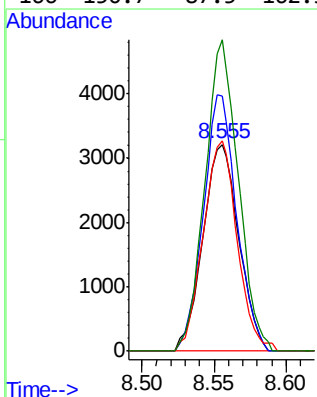
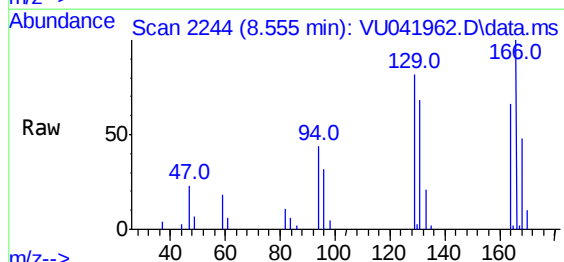
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.3	80.3
83	95.2	61.4	114.0
85	61.9	40.0	74.4

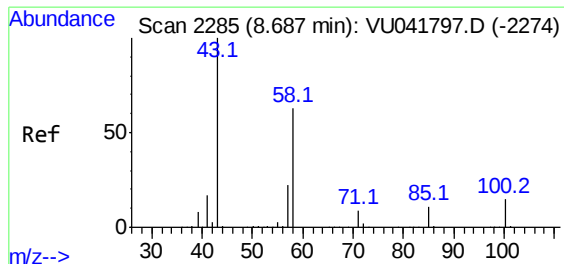


#46
Tetrachloroethene
Concen: 4.30 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 164 Resp: 5500

Ion	Ratio	Lower	Upper
164	100		
129	123.7	64.5	119.9#
131	101.9	62.5	116.1
166	150.7	87.5	162.5



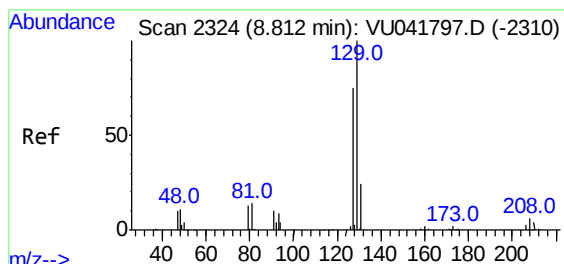
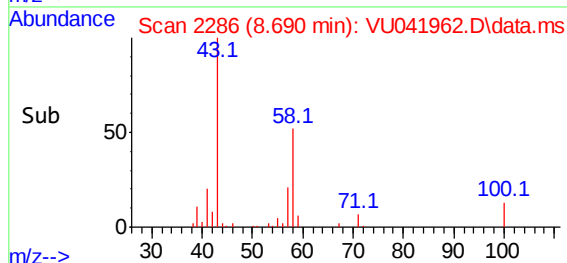
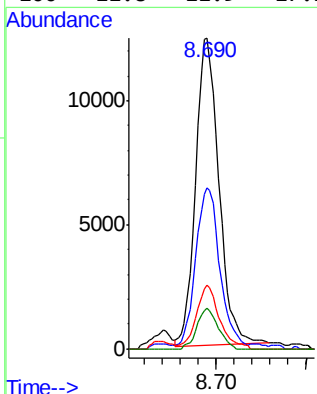
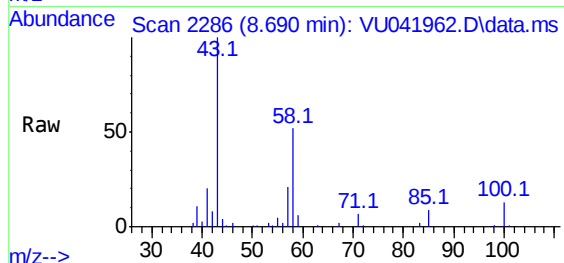


#48
2-Hexanone
Concen: 11.63 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 43 Resp: 22177

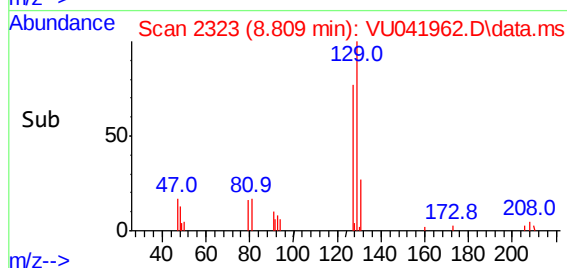
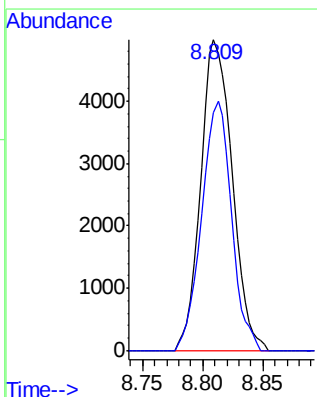
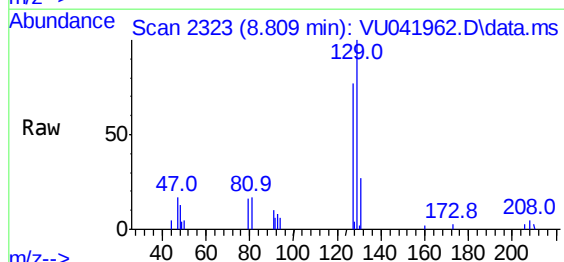
Ion	Ratio	Lower	Upper
43	100		
58	54.7	50.4	75.6
57	20.4	17.9	26.9
100	11.8	11.9	17.9

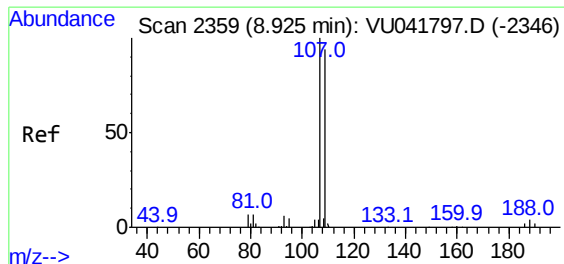


#49
Dibromochloromethane
Concen: 5.03 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 129 Resp: 8815

Ion	Ratio	Lower	Upper
129	100		
127	76.5	56.6	105.2

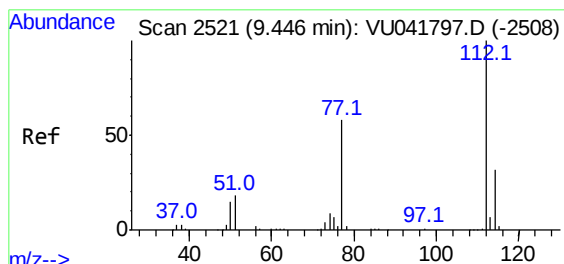
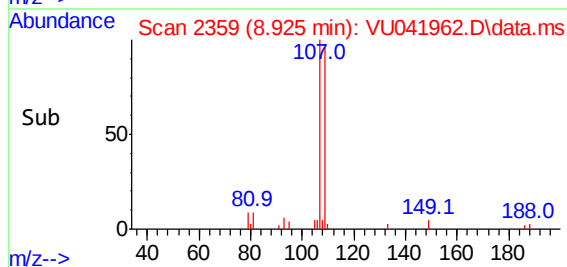
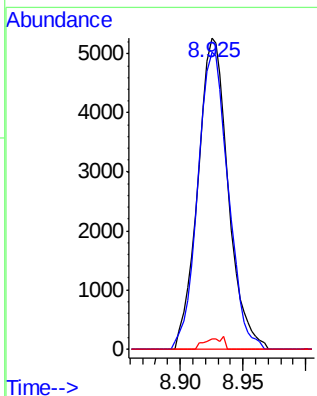
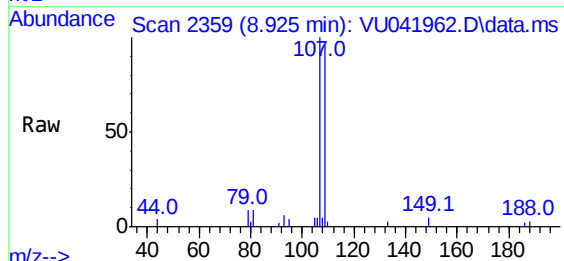




#50
1,2-Dibromoethane
Concen: 5.21 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

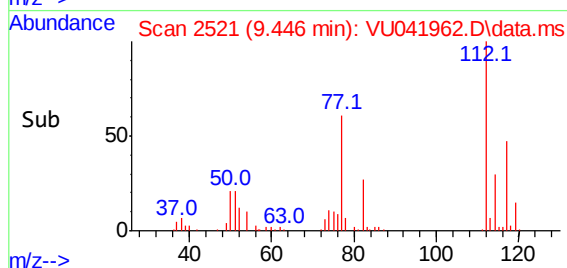
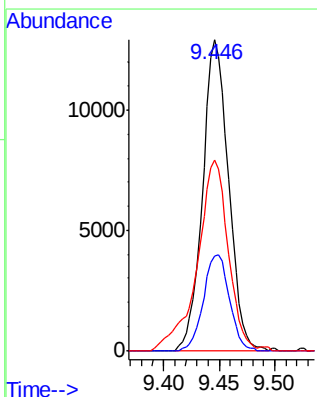
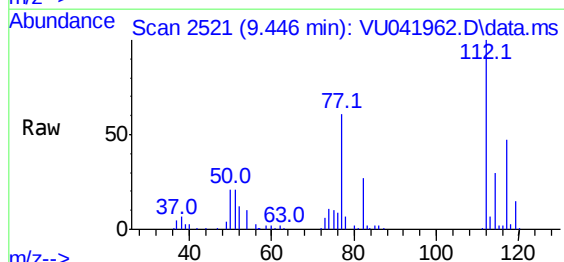
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

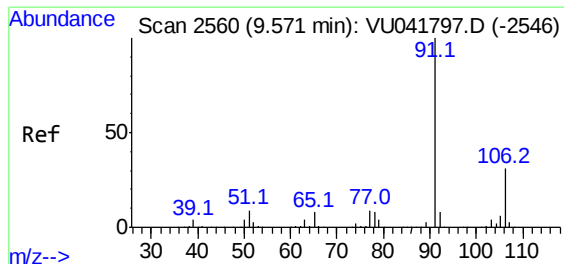
Tgt Ion:107 Resp: 8799
Ion Ratio Lower Upper
107 100
109 95.6 65.7 122.1
188 3.1 2.9 4.3



#51
Chlorobenzene
Concen: 4.87 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion:112 Resp: 20912
Ion Ratio Lower Upper
112 100
114 30.5 22.0 41.0
77 61.5 46.0 69.0

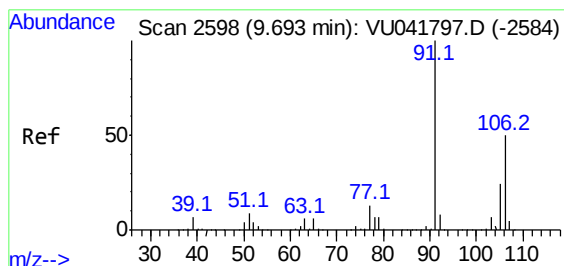
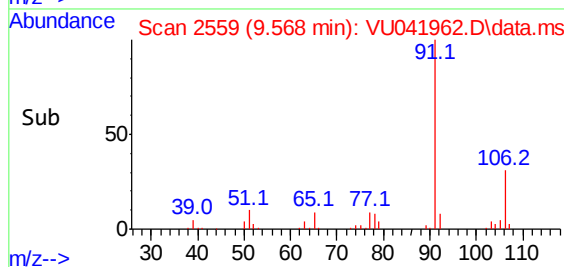
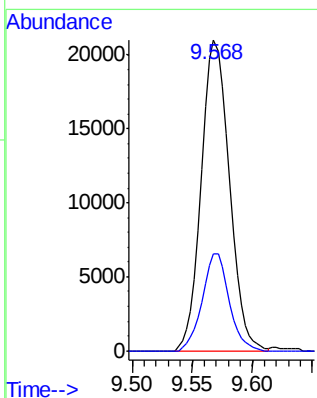
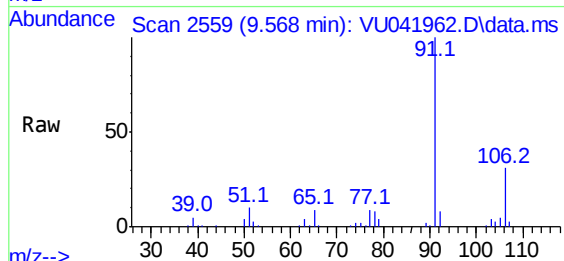




#52
Ethylbenzene
Concen: 4.69 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

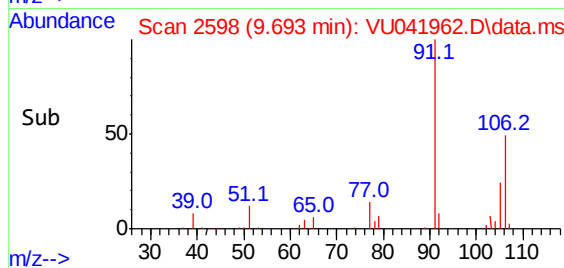
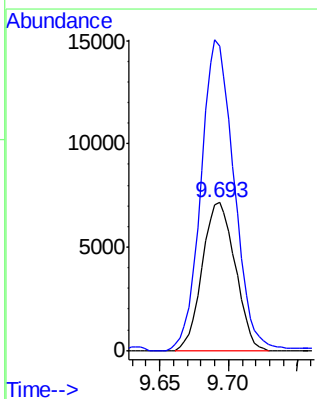
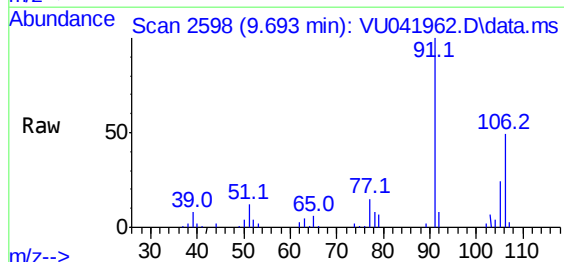
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

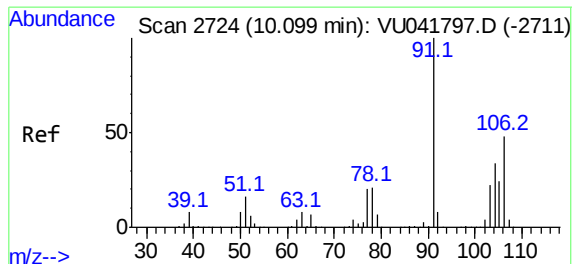
Tgt Ion: 91 Resp: 33156
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 4.37 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 106 Resp: 11870
Ion Ratio Lower Upper
106 100
91 205.8 143.2 266.0

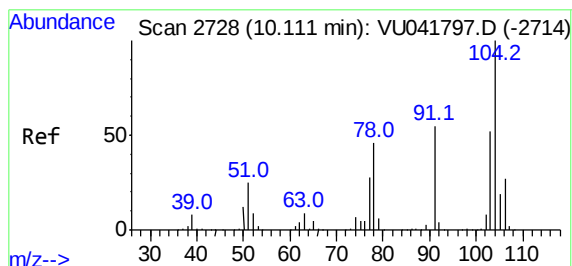
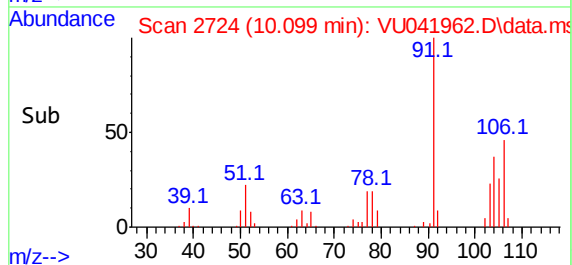
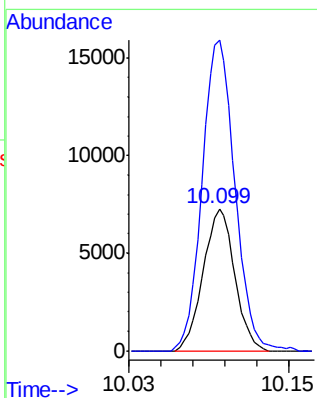
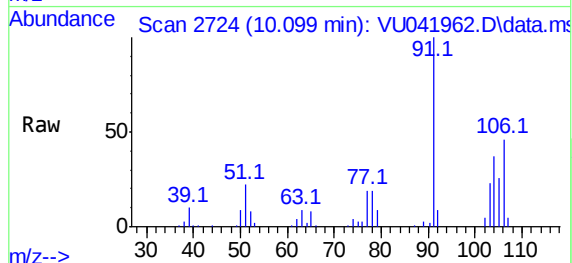




#54
o-xylene
Concen: 4.34 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

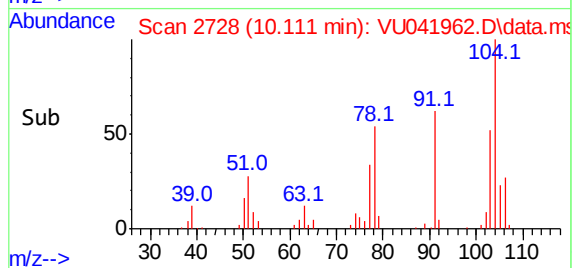
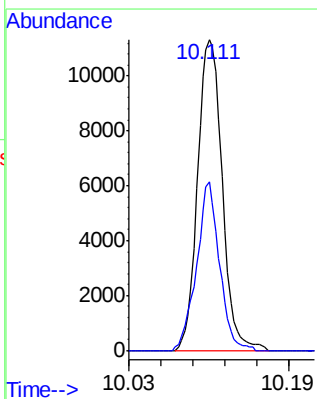
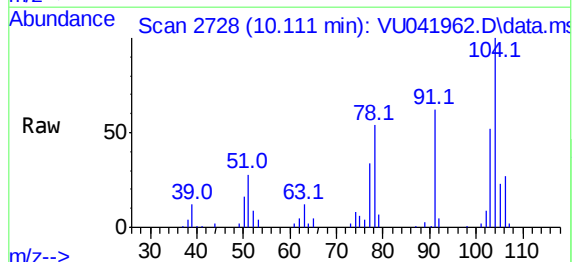
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

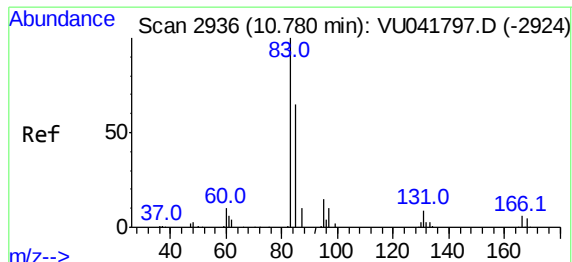
Tgt Ion:106 Resp: 11507
Ion Ratio Lower Upper
106 100
91 218.4 147.2 273.4



#55
Styrene
Concen: 4.44 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion:104 Resp: 20053
Ion Ratio Lower Upper
104 100
78 54.2 33.1 61.5



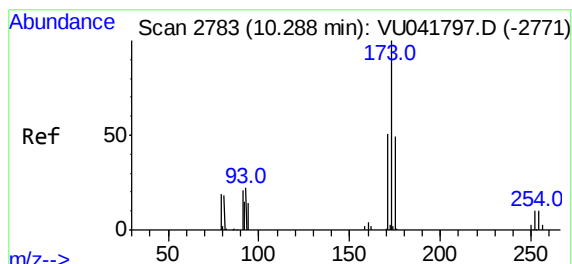
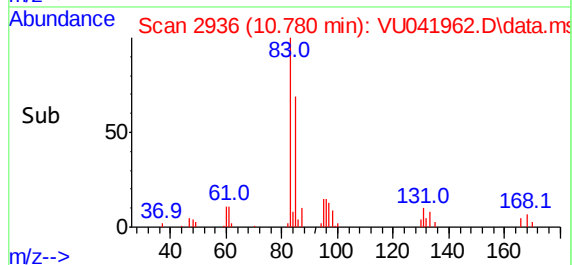
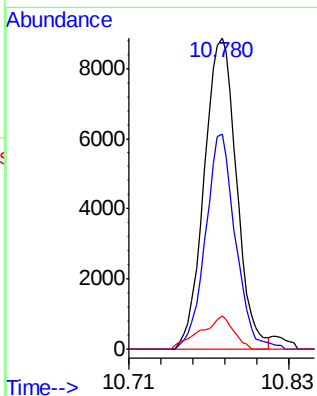
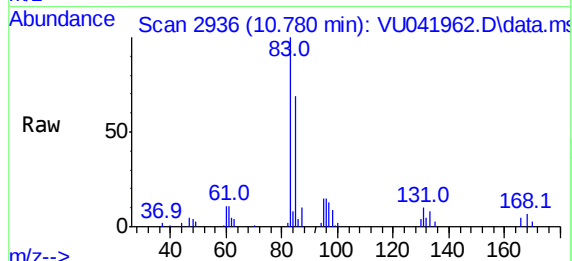


#57
1,1,2,2-Tetrachloroethane
Concen: 5.44 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion: 83 Resp: 15122

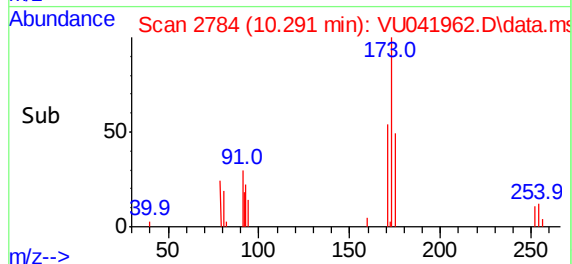
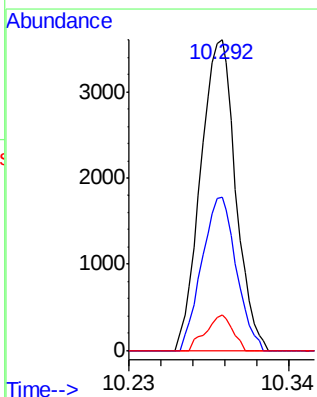
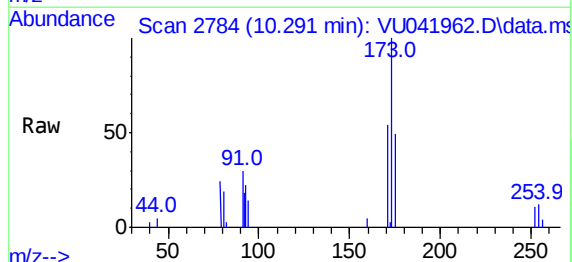
Ion	Ratio	Lower	Upper
83	100		
85	69.1	46.1	85.7
131	10.5	7.5	11.3

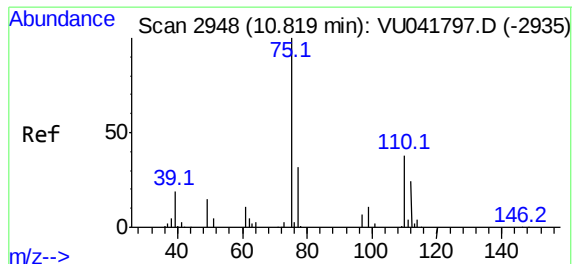


#59
Bromoform
Concen: 4.78 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 173 Resp: 6059

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.3	57.5
254	8.7	7.6	11.4

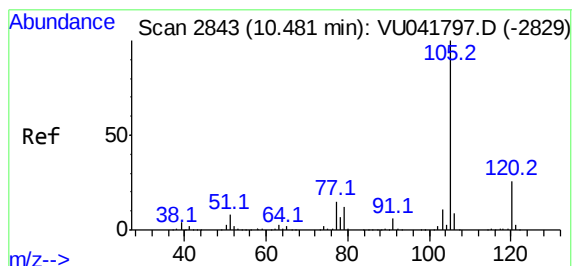
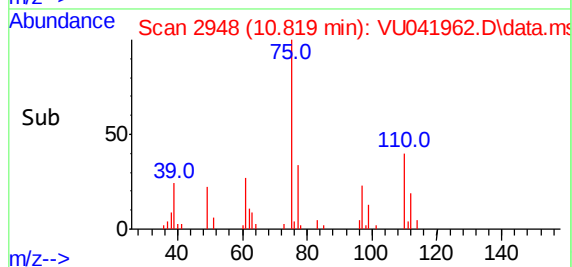
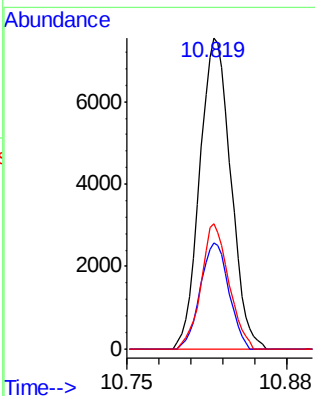
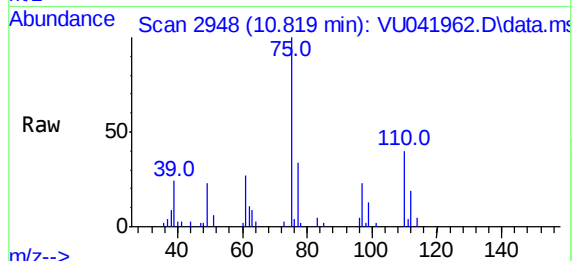




#60
1,2,3-Trichloropropane
Concen: 5.95 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

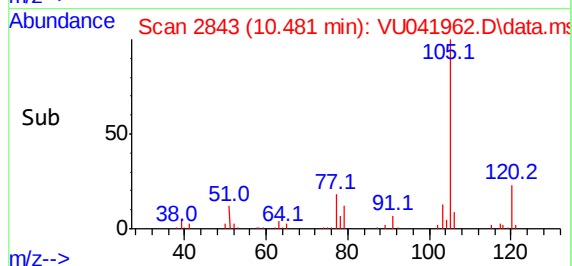
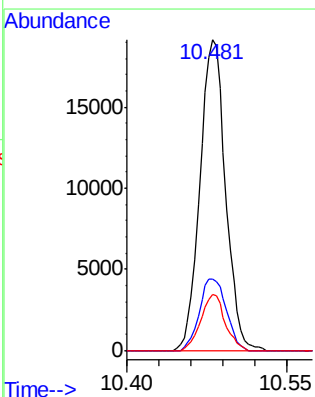
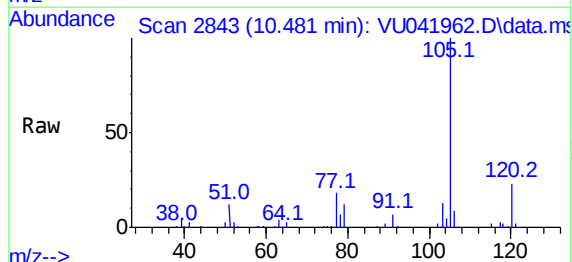
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

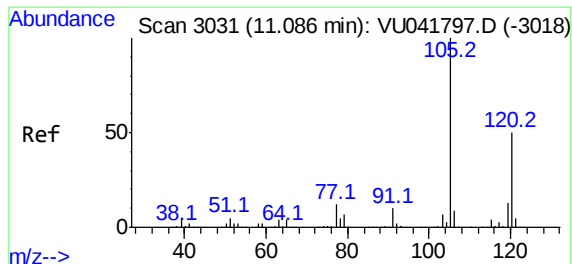
Tgt Ion: 75 Resp: 12950
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
110 36.0 30.5 45.7



#61
Isopropylbenzene
Concen: 4.68 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion:105 Resp: 30555
Ion Ratio Lower Upper
105 100
120 24.2 20.7 31.1
77 17.0 12.6 18.8

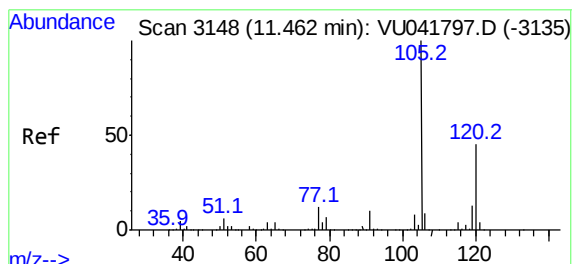
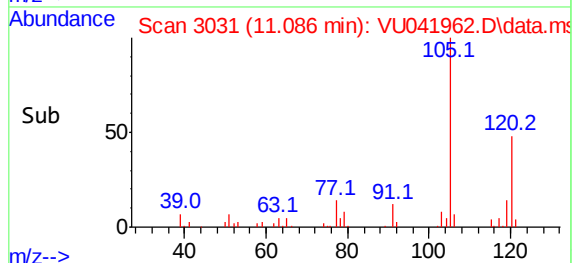
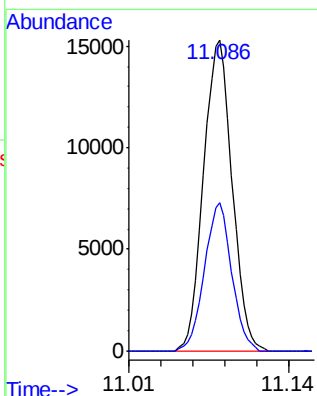
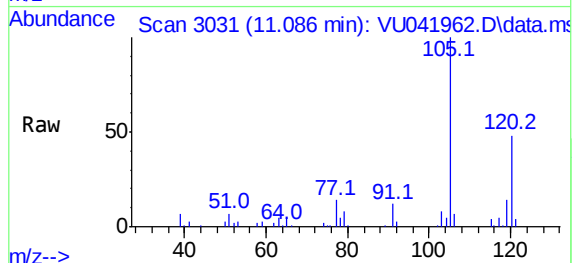




#62
1,3,5-Trimethylbenzene
Concen: 4.43 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

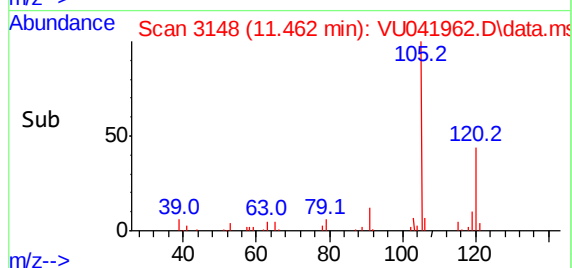
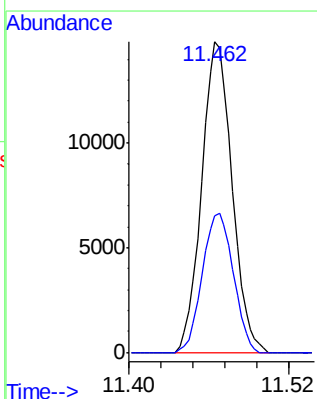
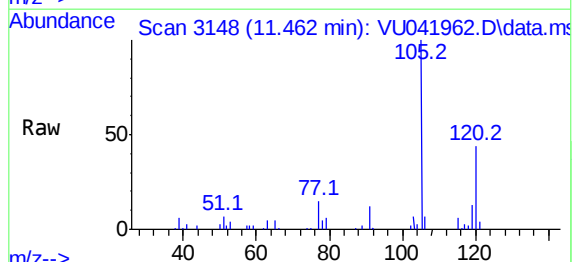
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

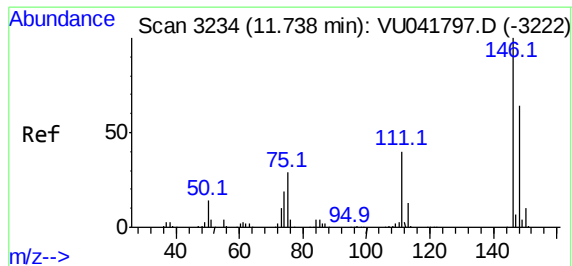
Tgt Ion:105 Resp: 24049
Ion Ratio Lower Upper
105 100
120 45.3 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 4.12 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion:105 Resp: 22673
Ion Ratio Lower Upper
105 100
120 45.6 36.5 54.7

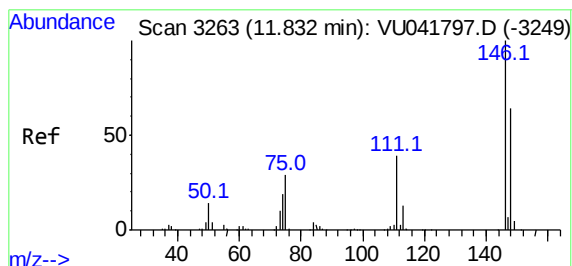
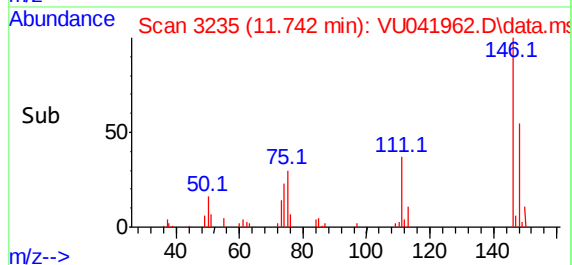
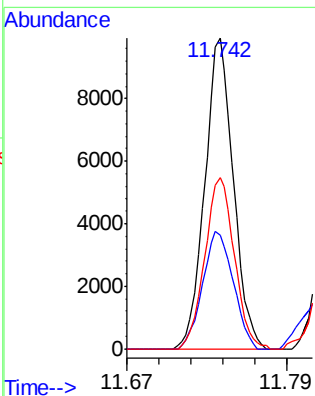
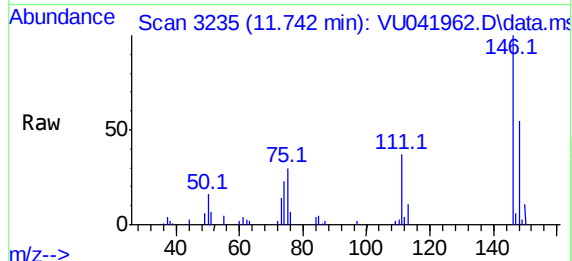




#64
1,3-Dichlorobenzene
Concen: 4.78 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

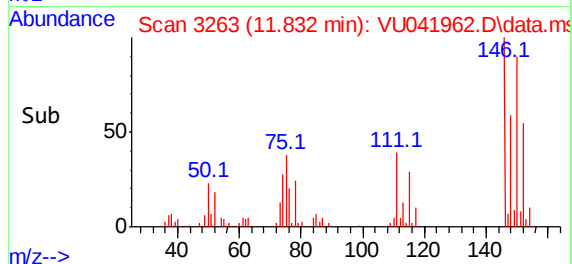
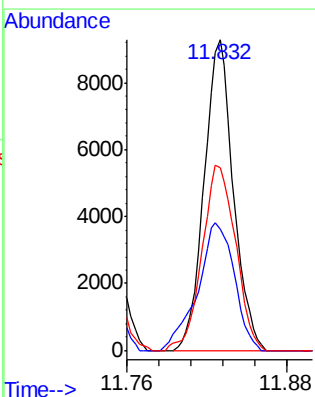
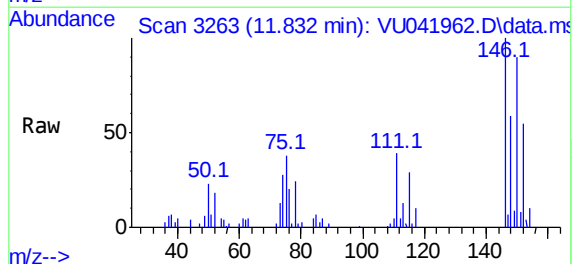
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

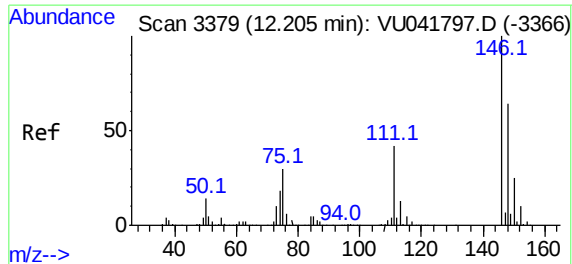
Tgt Ion:146 Resp: 14950
Ion Ratio Lower Upper
146 100
111 36.7 28.7 53.3
148 55.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 4.55 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion:146 Resp: 14338
Ion Ratio Lower Upper
146 100
111 39.0 28.1 52.1
148 58.9 44.8 83.2

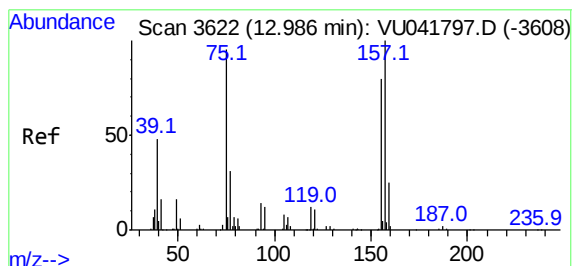
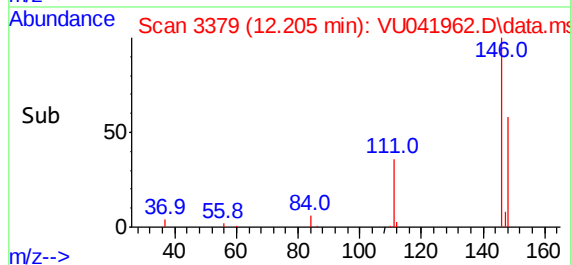
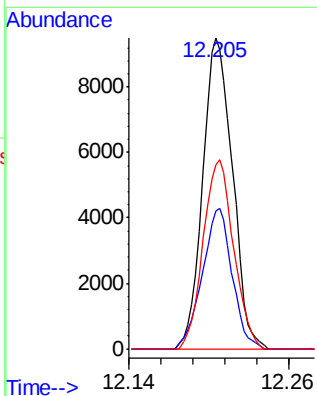
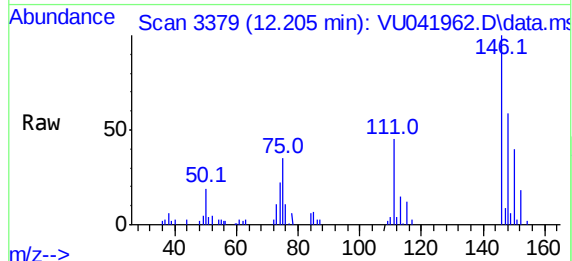




#67
1,2-Dichlorobenzene
Concen: 4.83 ug/L
RT: 12.205 min Scan# 3379
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

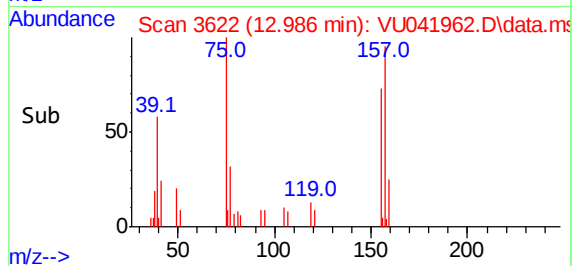
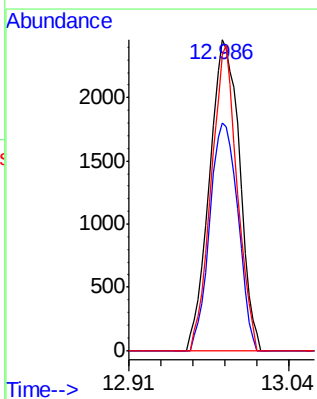
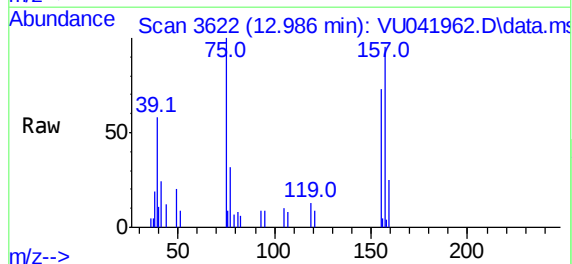
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

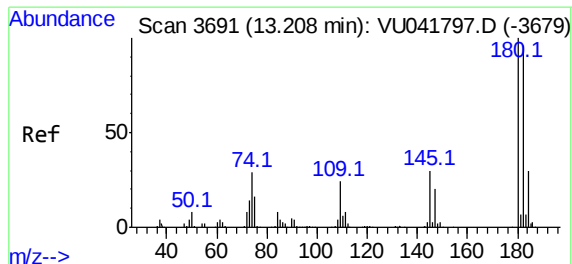
Tgt Ion:146 Resp: 15572
Ion Ratio Lower Upper
146 100
111 44.5 33.0 49.6
148 59.4 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.12 ug/L
RT: 12.986 min Scan# 3622
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion: 75 Resp: 4162
Ion Ratio Lower Upper
75 100
155 73.1 66.8 100.2
157 95.2 85.5 128.3

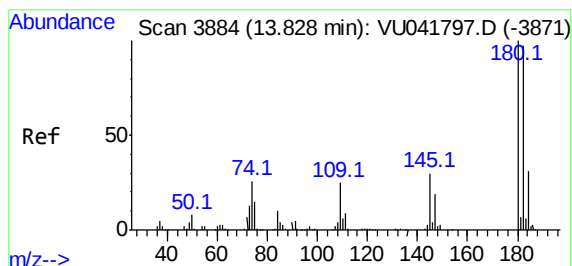
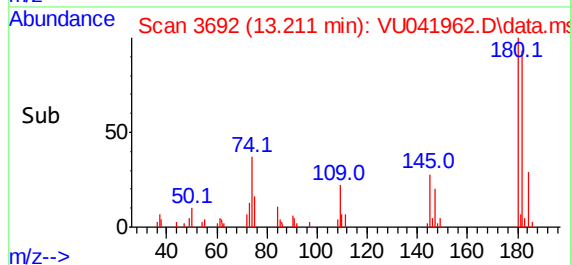
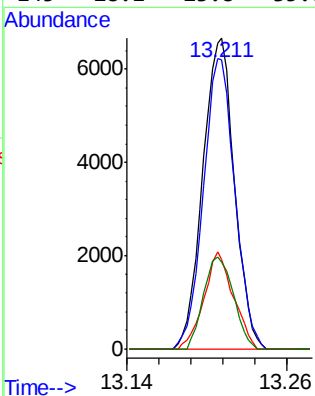
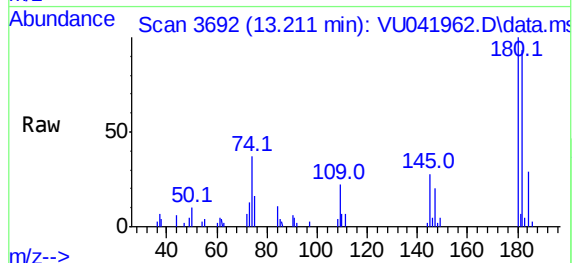




#69
1,3,5-Trichlorobenzene
Concen: 4.70 ug/L
RT: 13.211 min Scan# 3692
Delta R.T. 0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

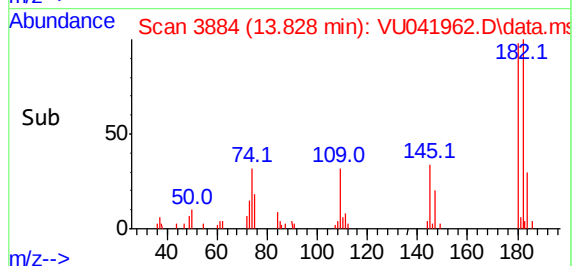
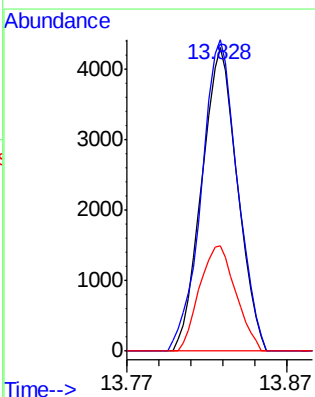
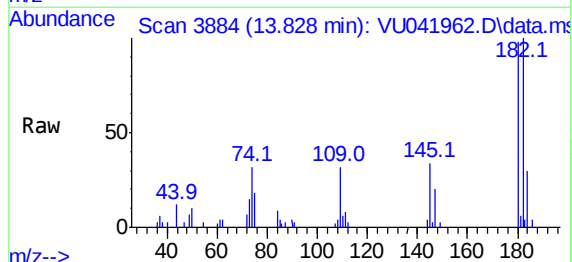
Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

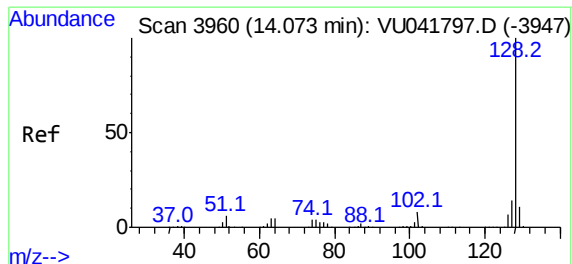
Tgt Ion:	180	Resp:	10580
Ion Ratio	Lower	Upper	
180	100		
182	92.9	77.1	115.7
184	29.1	23.9	35.9
145	28.1	23.8	35.6



#70
1,2,4-trichlorobenzene
Concen: 3.59 ug/L
RT: 13.828 min Scan# 3884
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion:	180	Resp:	6477
Ion Ratio	Lower	Upper	
180	100		
182	103.2	75.9	113.9
145	35.0	24.1	36.1

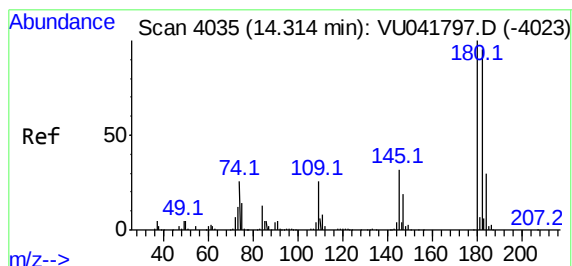
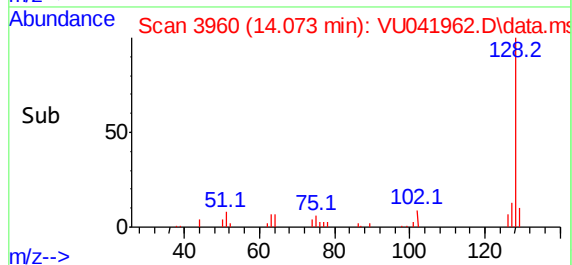
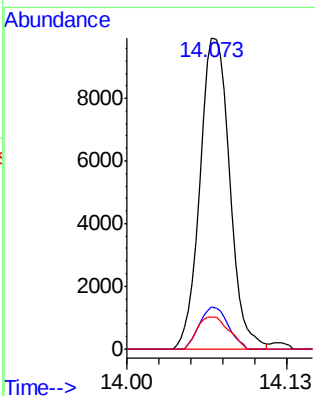
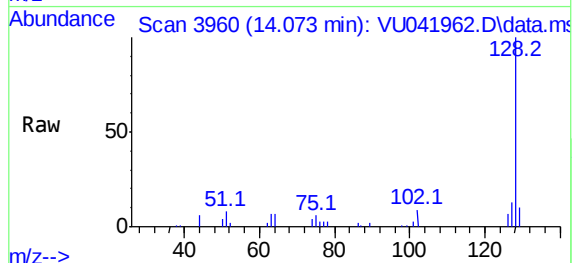




#71
Naphthalene
Concen: 2.82 ug/L
RT: 14.073 min Scan# 3960
Delta R.T. 0.000 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005302

Tgt Ion:	128	Resp:	16505
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 3.61 ug/L
RT: 14.317 min Scan# 4036
Delta R.T. 0.003 min
Lab File: VU041962.D
Acq: 12 Jan 2021 09:46

Tgt Ion:	180	Resp:	6584
Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.8	113.6
145	34.5	26.2	39.4

