

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041972.D
 Acq On : 12 Jan 2021 16:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050160

Quant Time: Jan 13 06:05:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:59:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	268746	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259393	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	120551	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	144272	48.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.90%		
7) Chloroethane-d5	1.916	69	115614	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.72%		
11) 1,1-Dichloroethene-d2	2.575	63	241147	50.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.78%		
21) 2-Butanone-d5	4.636	46	200212	89.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.61%		
24) Chloroform-d	5.076	84	211467	46.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.96%		
26) 1,2-Dichloroethane-d4	5.713	65	137136	48.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.90%		
32) Benzene-d6	5.739	84	433155	47.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.56%		
36) 1,2-Dichloropropane-d6	6.697	67	132717	45.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.68%		
41) Toluene-d8	7.903	98	383151	49.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.42%		
43) trans-1,3-Dichloroprop...	8.182	79	72548	50.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.52%		
47) 2-Hexanone-d5	8.636	63	146712	93.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.92%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	187493	44.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.56%		
66) 1,2-Dichlorobenzene-d4	12.189	152	126085	50.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.48%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	127615	49.63	ug/L	99
3) Chloromethane	1.523	50	145427	48.41	ug/L	98
5) Vinyl chloride	1.607	62	150573	48.72	ug/L	100
6) Bromomethane	1.861	94	93629	49.61	ug/L	94
8) Chloroethane	1.935	64	92101	48.68	ug/L	97
9) Trichlorofluoromethane	2.141	101	186863	48.38	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	110343	51.28	ug/L	97
12) 1,1-Dichloroethene	2.588	96	104622	51.02	ug/L	94
13) Acetone	2.642	43	196765	104.08	ug/L	99
14) Carbon disulfide	2.800	76	329087	49.56	ug/L	99
15) Methyl Acetate	2.957	43	140290	47.28	ug/L	97
16) Methylene chloride	3.054	84	122205	51.26	ug/L	99
17) trans-1,2-Dichloroethene	3.363	96	104856	48.63	ug/L	99
18) Methyl tert-butyl Ether	3.375	73	360851	51.65	ug/L	100
19) 1,1-Dichloroethane	3.880	63	197960	46.40	ug/L	99
20) cis-1,2-Dichloroethene	4.681	96	111233	47.83	ug/L	97
22) 2-Butanone	4.716	43	230444	92.82	ug/L	98
23) Bromochloromethane	4.986	128	54668	49.01	ug/L	99
25) Chloroform	5.102	83	201670	47.56	ug/L	97
27) 1,2-Dichloroethane	5.803	62	165183	50.81	ug/L	99

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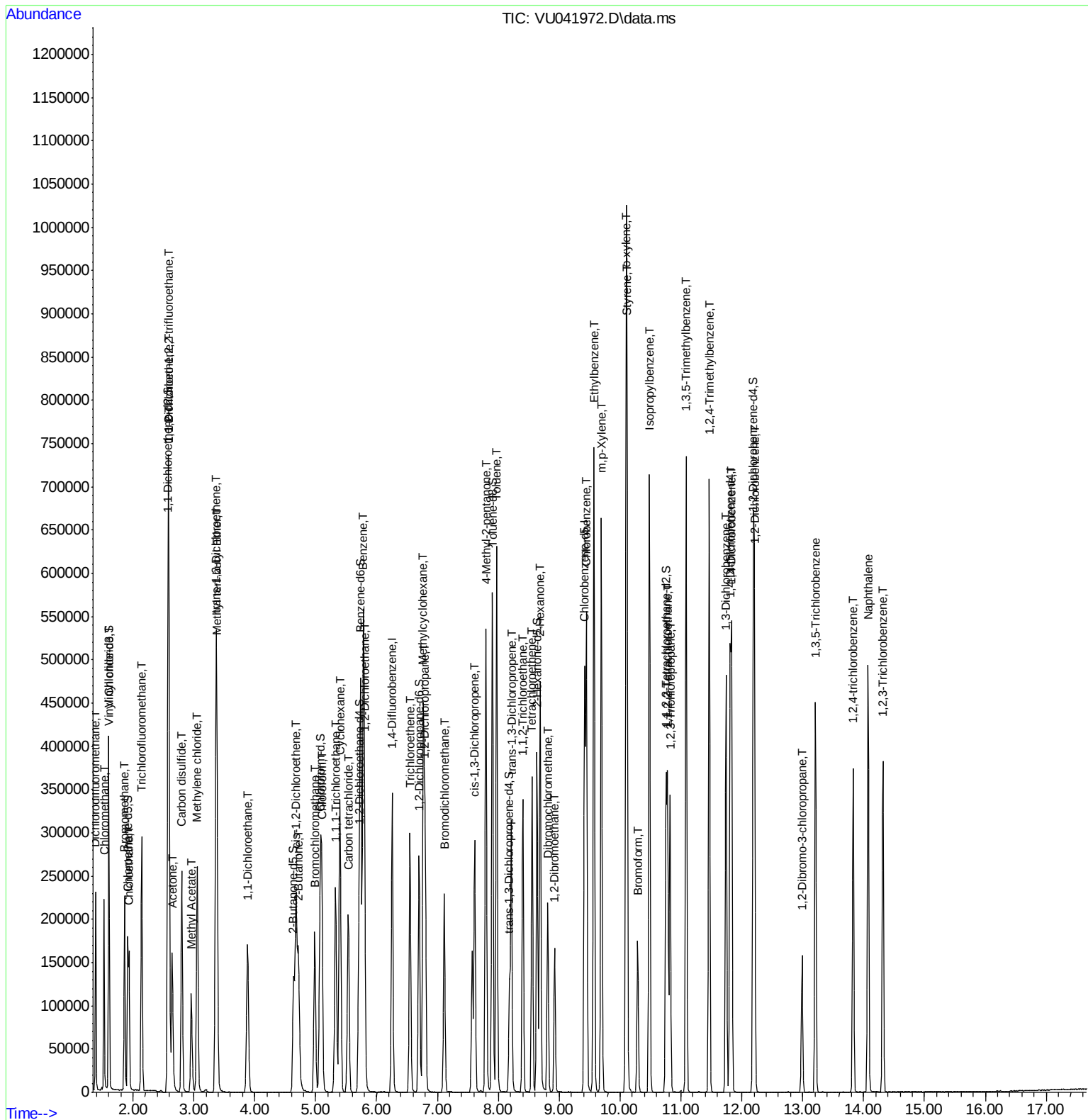
Quant Time: Jan 13 06:05:50 2021
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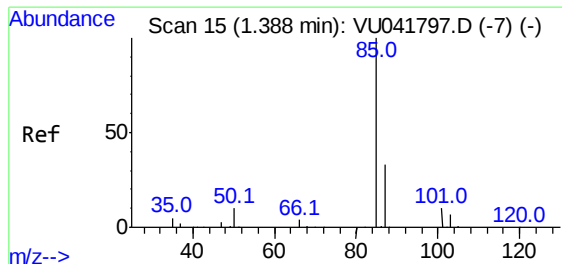
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.401	56	177807	45.57	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	174476	45.11	ug/L	98
31) Carbon tetrachloride	5.536	117	141991	44.15	ug/L	100
33) Benzene	5.784	78	469831	48.87	ug/L	100
34) Trichloroethene	6.549	95	106542	45.04	ug/L	98
35) Methylcyclohexane	6.768	83	170828	49.23	ug/L	99
37) 1,2-Dichloropropane	6.797	63	115791	45.88	ug/L	100
38) Bromodichloromethane	7.112	83	153929	49.11	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	174267	46.97	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	351656	90.13	ug/L	99
42) Toluene	7.973	91	459168	50.13	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	179065	50.23	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	105493	47.90	ug/L	98
46) Tetrachloroethene	8.555	164	76928	51.81	ug/L	100
48) 2-Hexanone	8.687	43	295040	91.37	ug/L	99
49) Dibromochloromethane	8.813	129	111790	47.66	ug/L	98
50) 1,2-Dibromoethane	8.925	107	111885	48.47	ug/L	97
51) Chlorobenzene	9.446	112	275956	49.05	ug/L	99
52) Ethylbenzene	9.571	91	527038	53.97	ug/L	100
53) m,p-Xylene	9.694	106	181873	51.34	ug/L	95
54) o-xylene	10.099	106	171780	50.22	ug/L	99
55) Styrene	10.115	104	304955	50.63	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	177633	43.54	ug/L	99
59) Bromoform	10.288	173	75795	48.38	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	148271	47.05	ug/L	99
61) Isopropylbenzene	10.481	105	459143	54.36	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	389030	54.35	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	386542	53.96	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	192453	49.81	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	191597	49.59	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	195503	49.49	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	43204	43.25	ug/L	94
69) 1,3,5-Trichlorobenzene	13.208	180	131560	50.43	ug/L	100
70) 1,2,4-trichlorobenzene	13.828	180	110707	55.05	ug/L	99
71) Naphthalene	14.076	128	383949	55.45	ug/L	100
72) 1,2,3-Trichlorobenzene	14.317	180	112185	54.46	ug/L	99

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

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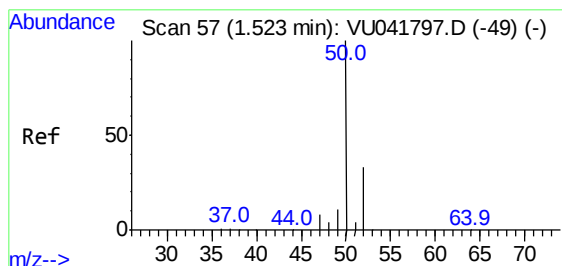
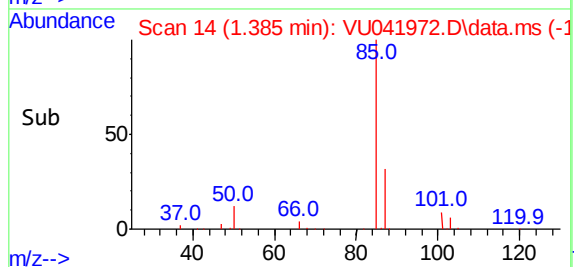
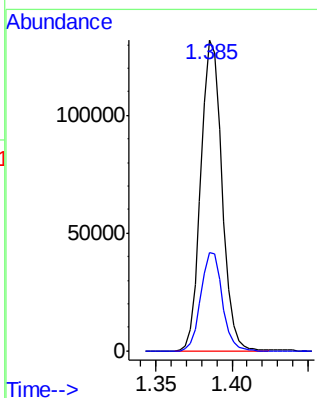
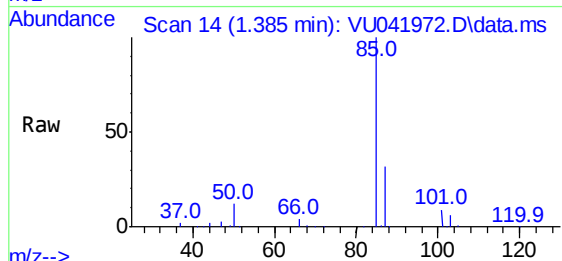




#2
 Dichlorodifluoromethane
 Concen: 49.63 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU041972.D
 Acq: 12 Jan 2021 16:47

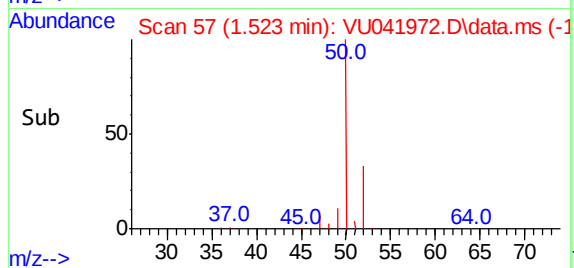
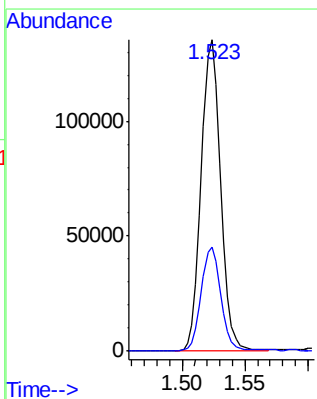
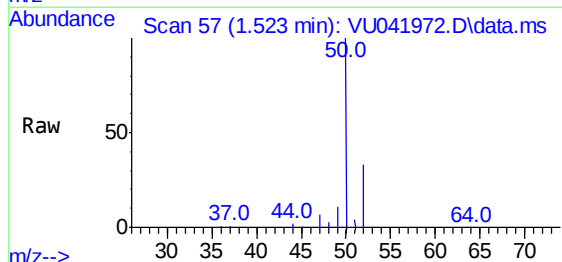
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050160

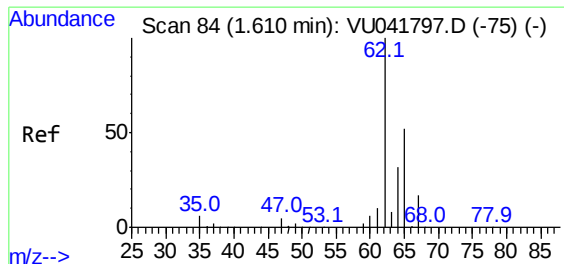
Tgt Ion: 85 Resp: 127615
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 48.41 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU041972.D
 Acq: 12 Jan 2021 16:47

Tgt Ion: 50 Resp: 145427
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.9

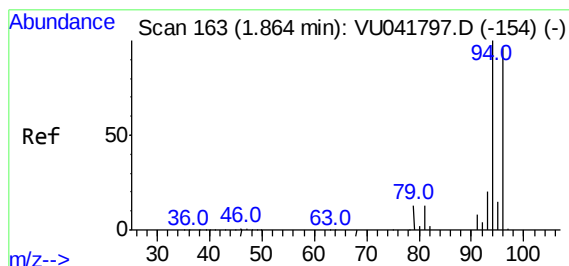
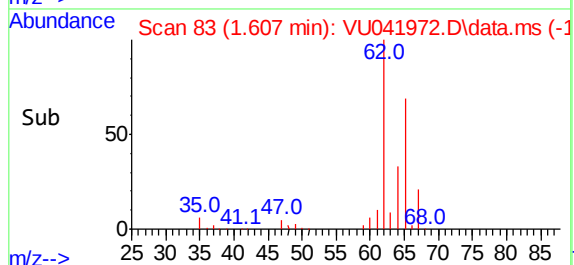
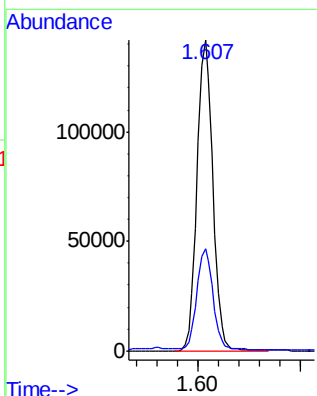
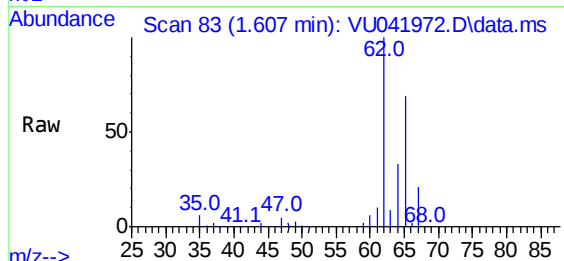




#5
 Vinyl chloride
 Concen: 48.72 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU041972.D
 Acq: 12 Jan 2021 16:47

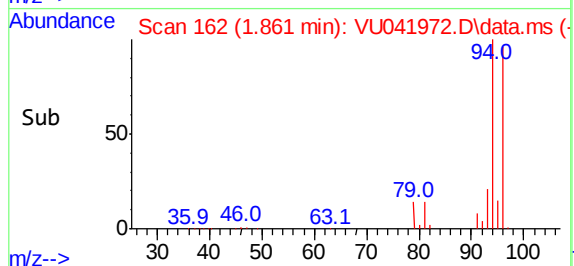
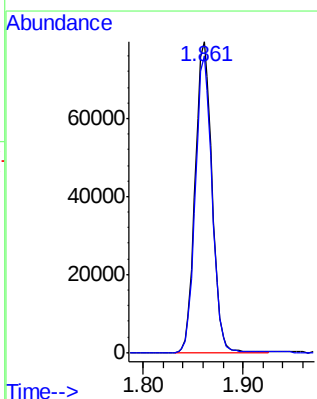
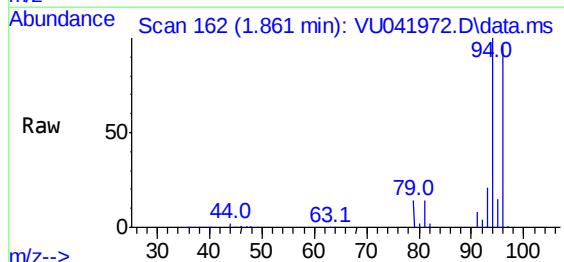
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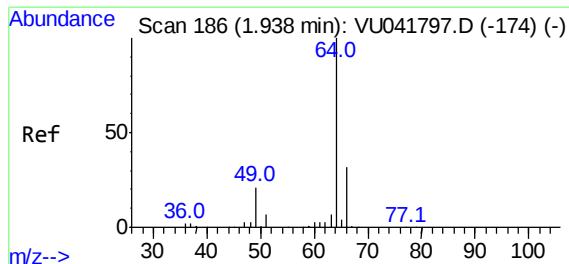
Tgt Ion: 62 Resp: 150573
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 49.61 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU041972.D
 Acq: 12 Jan 2021 16:47

Tgt Ion: 94 Resp: 93629
 Ion Ratio Lower Upper
 94 100
 96 95.6 62.8 116.6

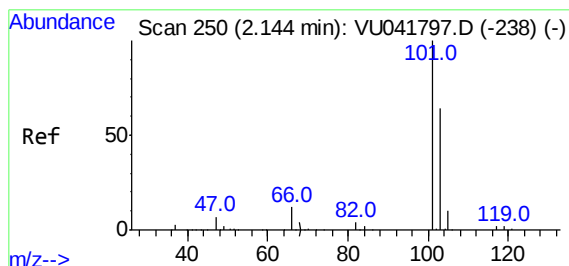
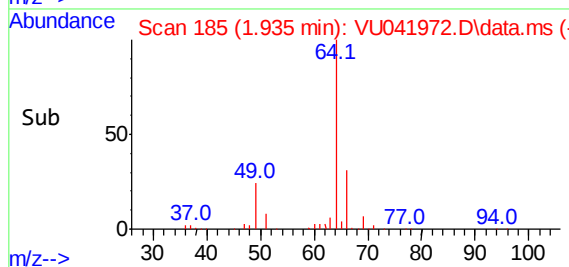
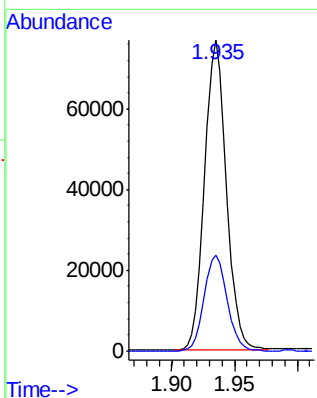
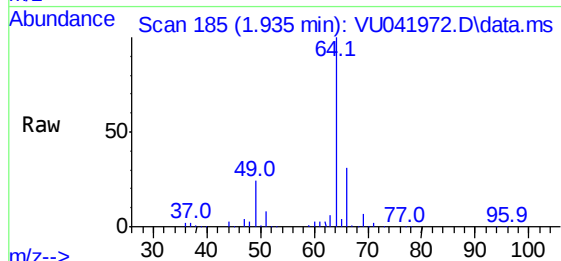




#8
Chloroethane
Concen: 48.68 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.006 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

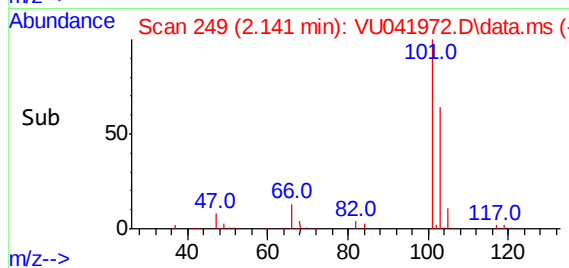
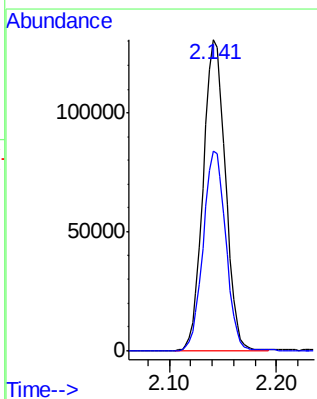
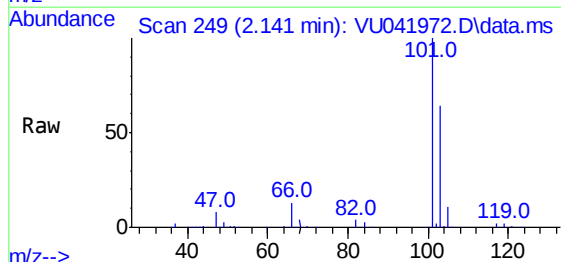
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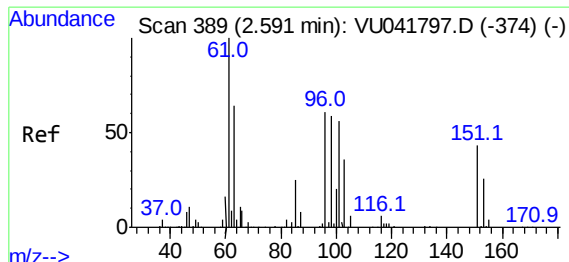
Tgt Ion: 64 Resp: 92101
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 48.38 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.006 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:101 Resp: 186863
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2



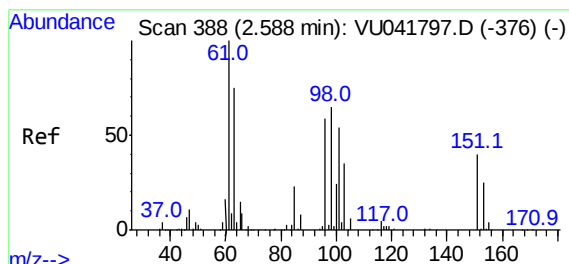
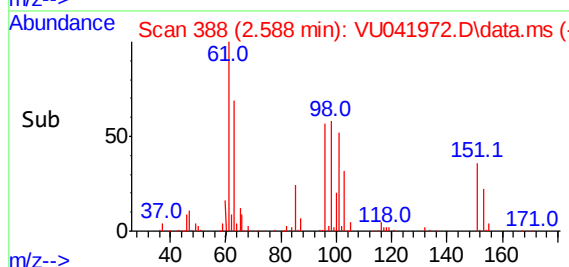
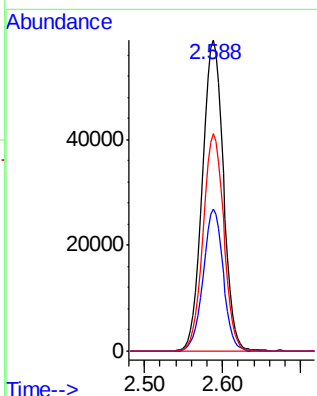
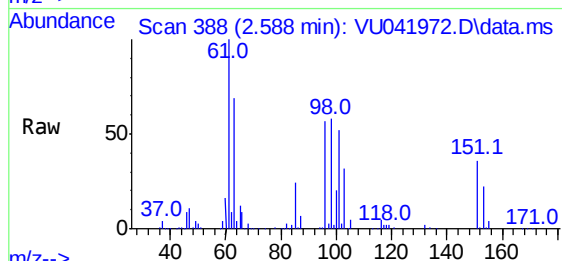


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.28 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU041972.D
 Acq: 12 Jan 2021 16:47

Instrument :
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 ClientSampleId :
 VSTD050160

Tgt Ion:101 Resp: 110343

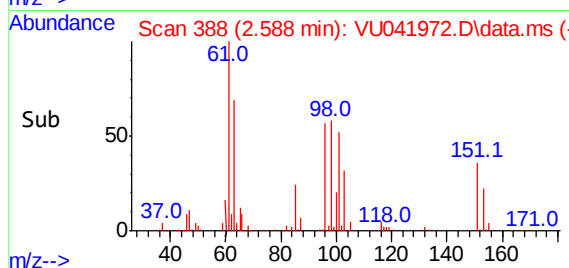
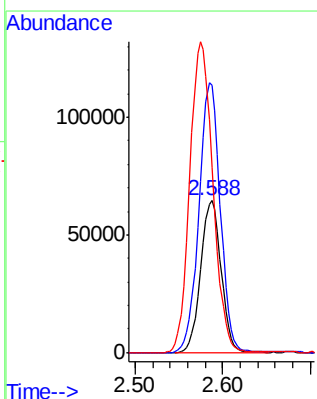
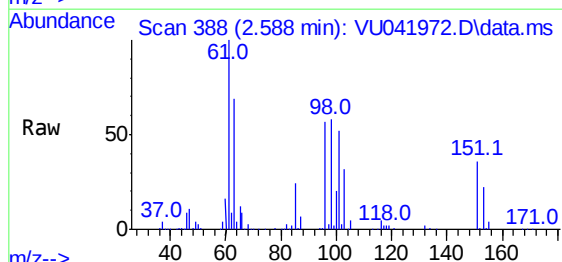
Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.0	52.4
151	69.0	52.6	79.0

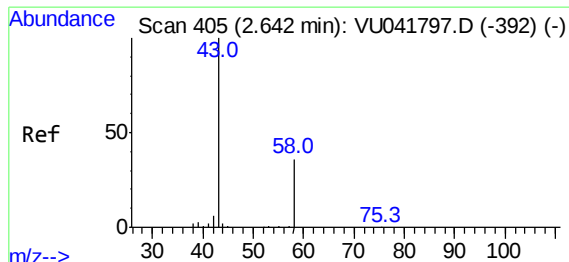


#12
 1,1-Dichloroethene
 Concen: 51.02 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU041972.D
 Acq: 12 Jan 2021 16:47

Tgt Ion: 96 Resp: 104622

Ion	Ratio	Lower	Upper
96	100		
61	176.0	127.8	237.4
63	122.1	91.2	169.4

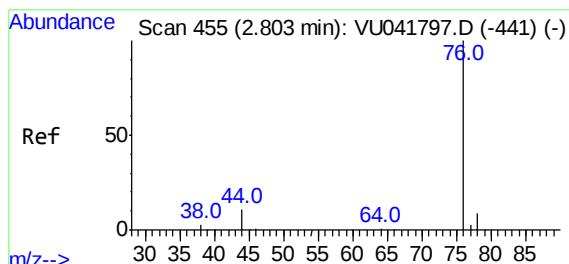
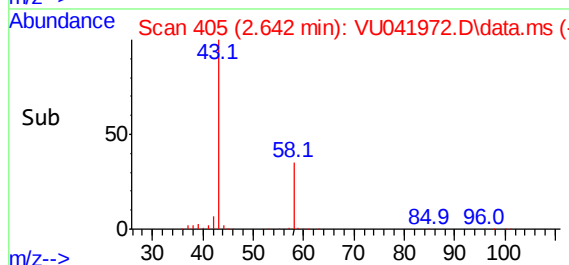
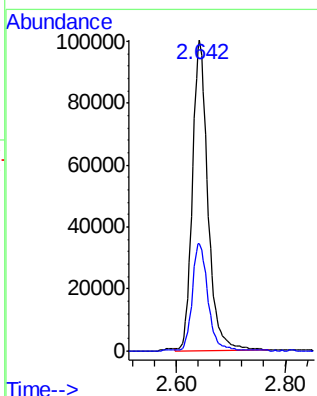
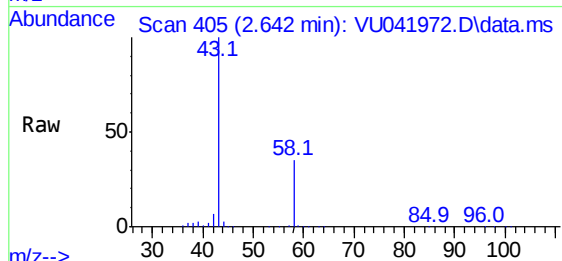




#13
Acetone
Concen: 104.08 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

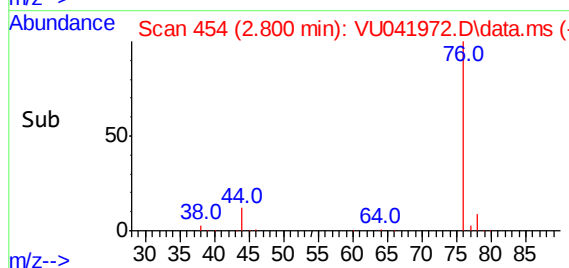
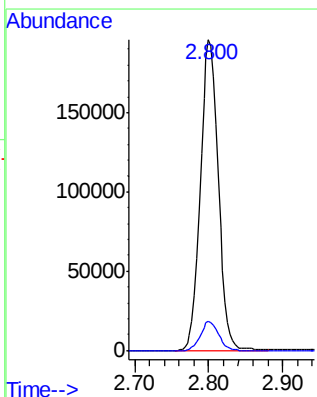
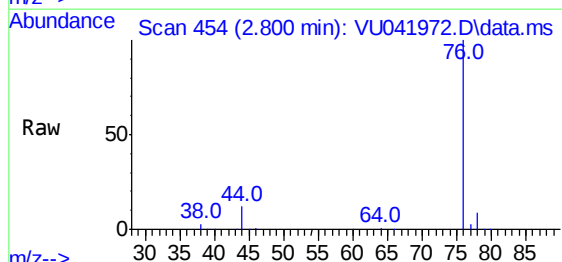
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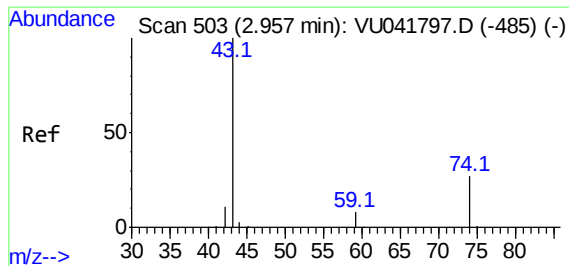
Tgt Ion: 43 Resp: 196765
Ion Ratio Lower Upper
43 100
58 34.5 0.0 70.0



#14
Carbon disulfide
Concen: 49.56 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 76 Resp: 329087
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

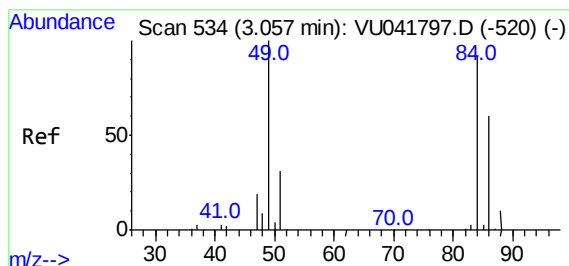
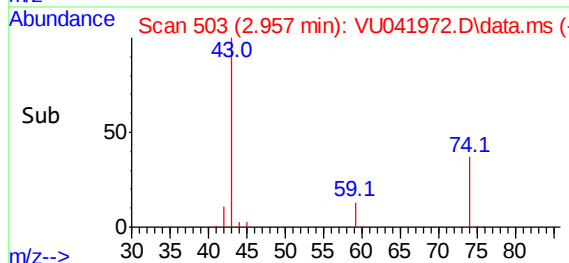
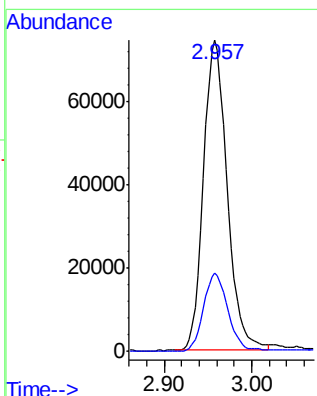
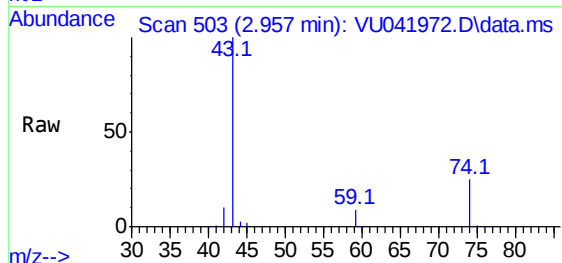




#15
Methyl Acetate
Concen: 47.28 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.006 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

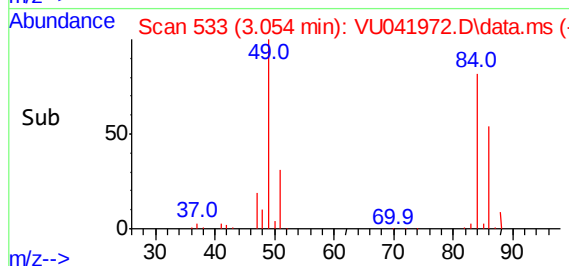
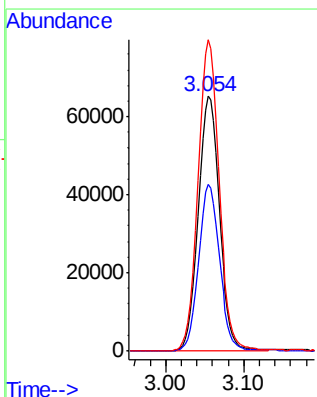
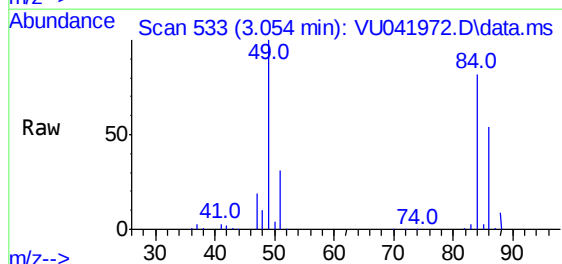
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

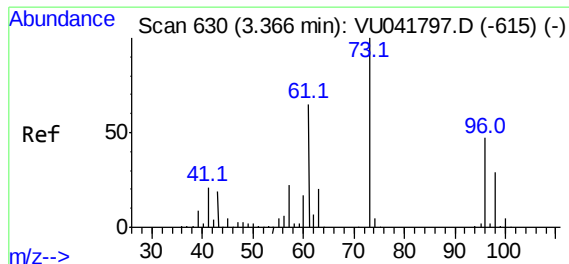
Tgt Ion: 43 Resp: 140290
Ion Ratio Lower Upper
43 100
74 25.6 19.3 28.9



#16
Methylene chloride
Concen: 51.26 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.006 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 84 Resp: 122205
Ion Ratio Lower Upper
84 100
86 65.6 45.6 84.6
49 122.3 86.0 159.6

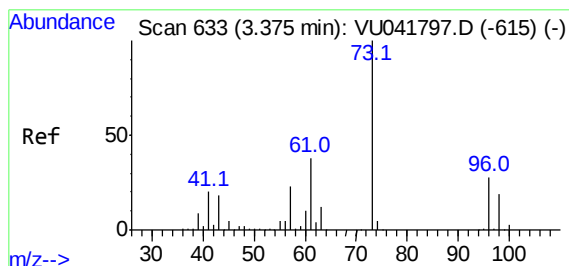
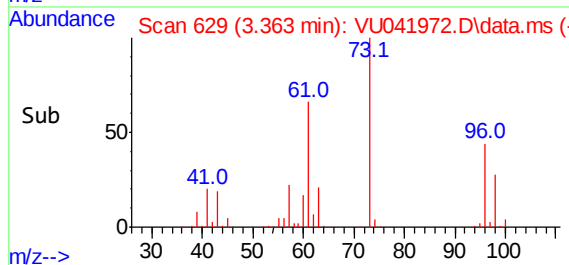
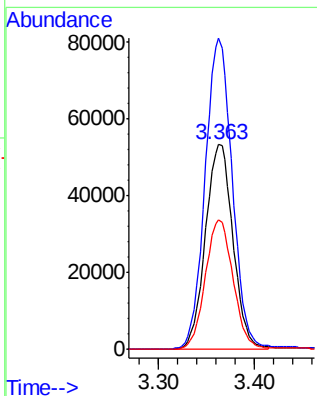
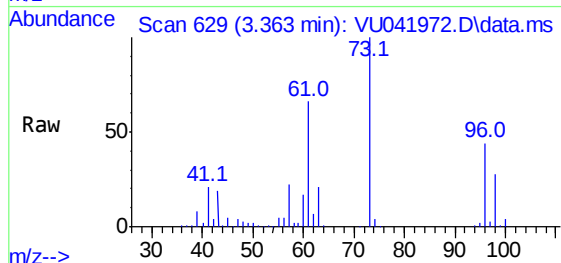




#17
trans-1,2-Dichloroethene
Concen: 48.63 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

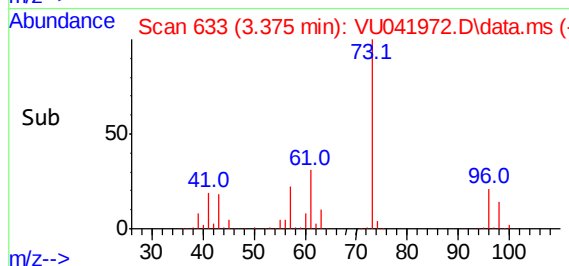
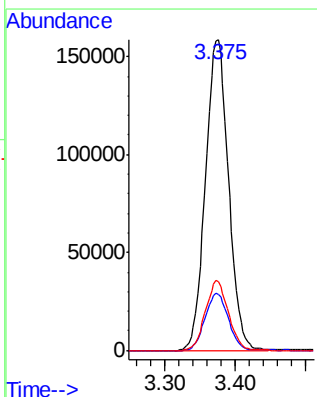
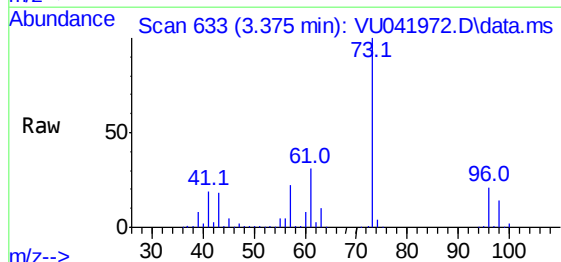
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

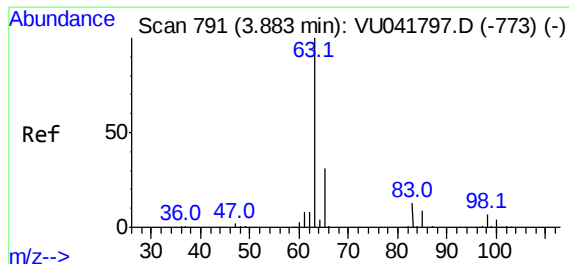
Tgt Ion: 96 Resp: 104856
Ion Ratio Lower Upper
96 100
61 152.0 105.3 195.6
98 63.4 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 51.65 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 73 Resp: 360851
Ion Ratio Lower Upper
73 100
43 18.7 15.0 22.4
57 22.2 18.1 27.1

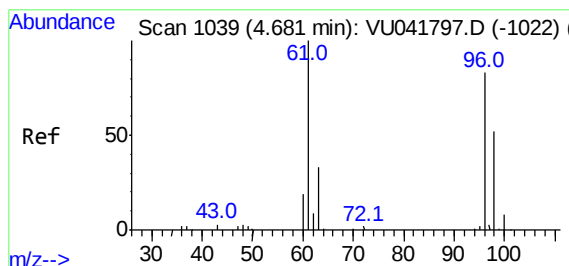
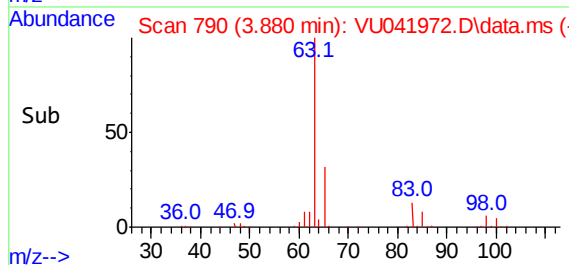
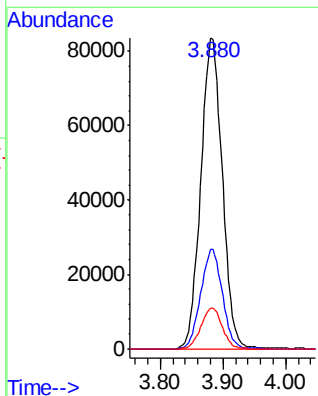
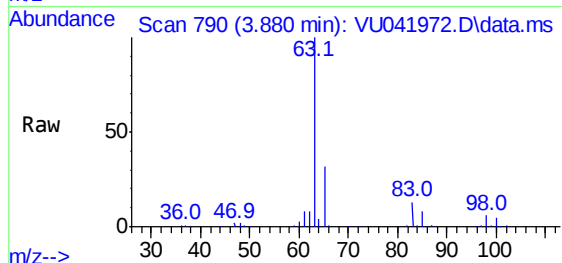




#19
1,1-Dichloroethane
Concen: 46.40 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

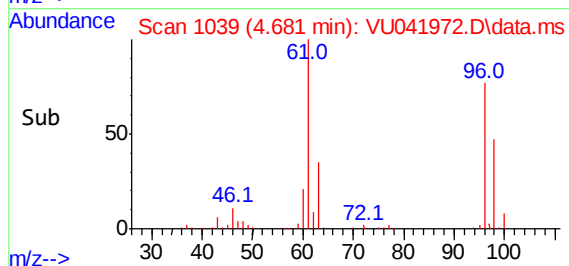
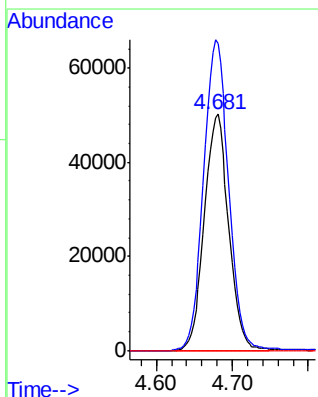
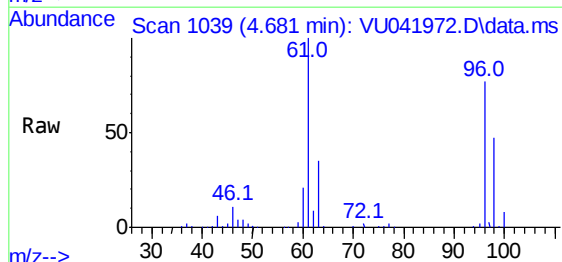
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

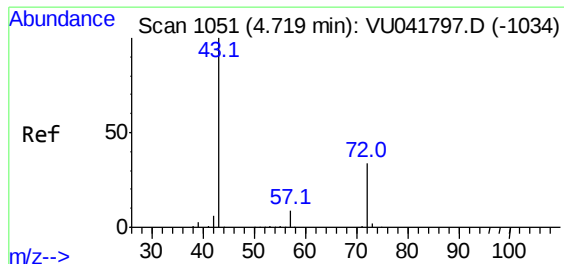
Tgt Ion: 63 Resp: 197960
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 13.2 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 47.83 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 96 Resp: 111233
Ion Ratio Lower Upper
96 100
61 130.1 93.9 174.5
68 0.0 0.0 0.0

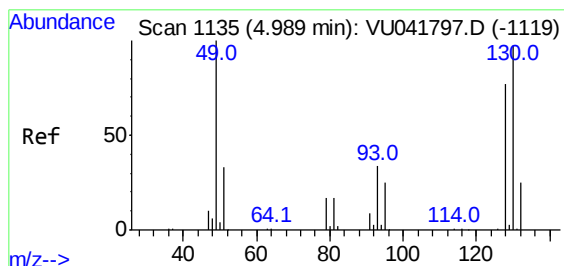
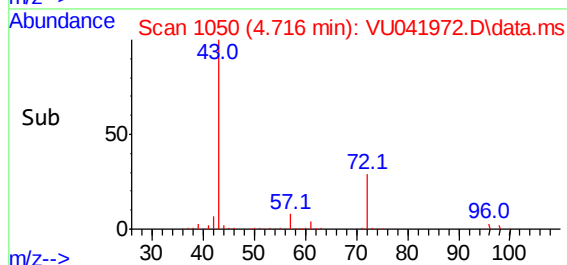
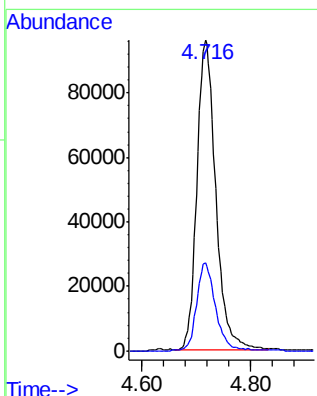
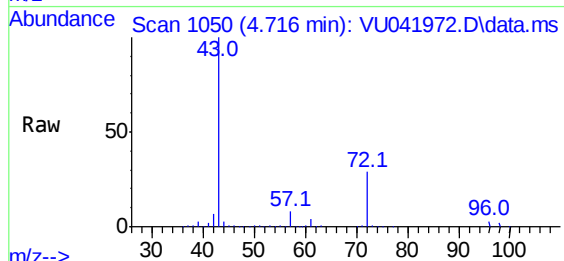




#22
2-Butanone
Concen: 92.82 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.010 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

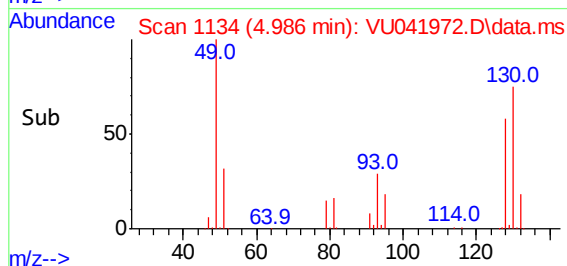
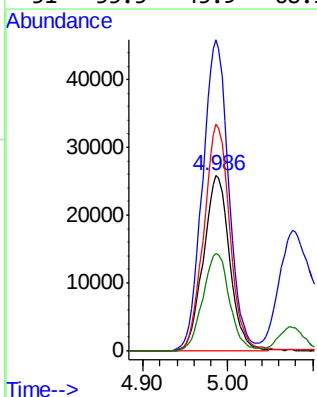
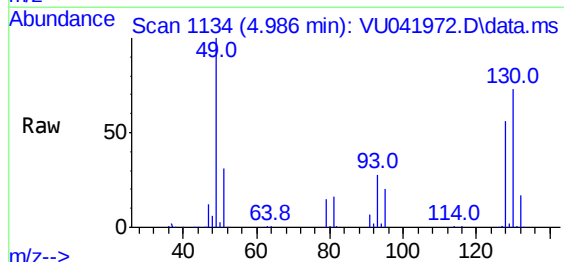
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

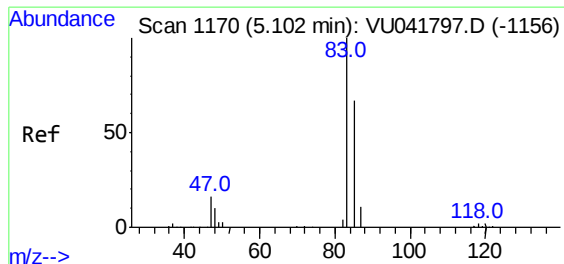
Tgt Ion: 43 Resp: 230444
Ion Ratio Lower Upper
43 100
72 28.1 13.6 40.8



#23
Bromochloromethane
Concen: 49.01 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:128 Resp: 54668
Ion Ratio Lower Upper
128 100
49 177.8 124.9 232.1
130 129.3 91.1 169.3
51 55.5 45.9 68.9

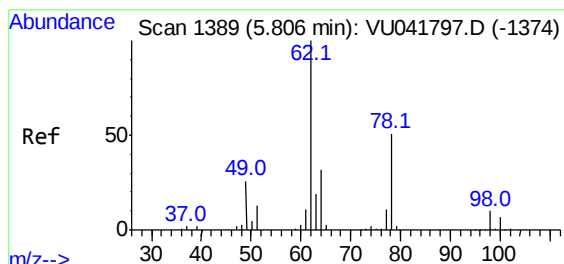
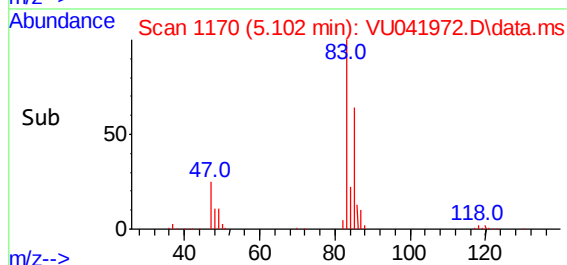
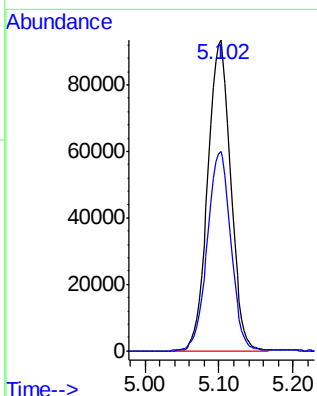
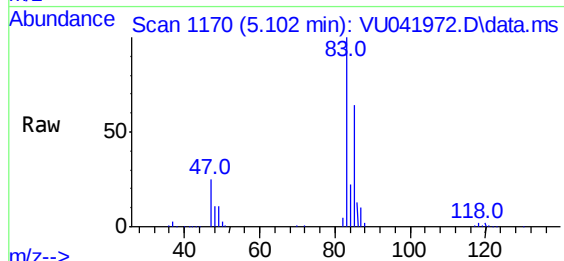




#25
Chloroform
Concen: 47.56 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

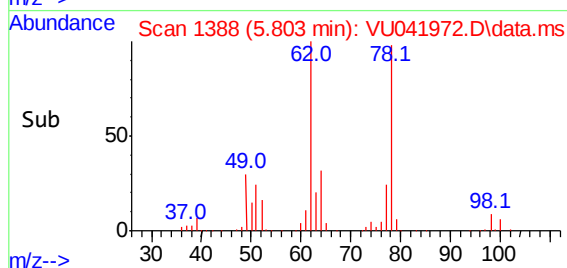
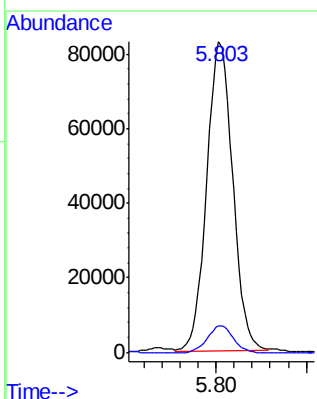
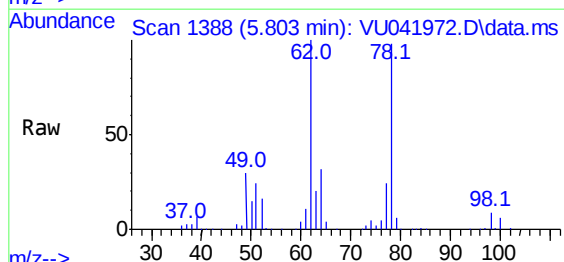
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

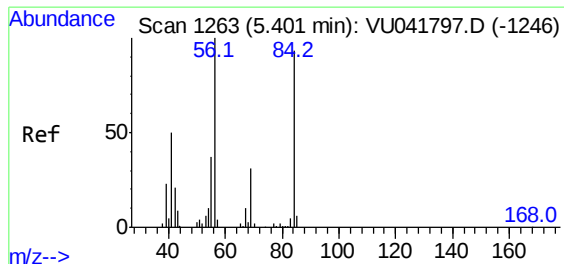
Tgt Ion: 83 Resp: 201670
Ion Ratio Lower Upper
83 100
85 64.4 46.9 87.1



#27
1,2-Dichloroethane
Concen: 50.81 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 62 Resp: 165183
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9



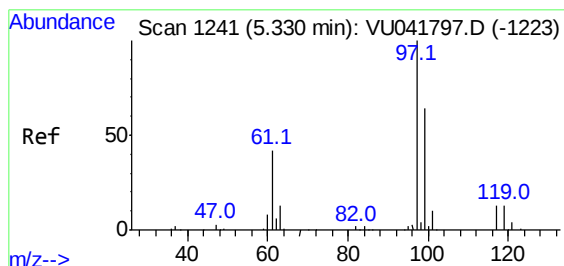
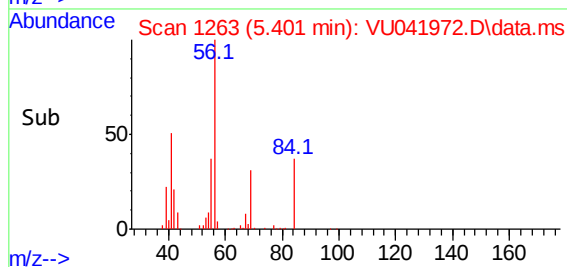
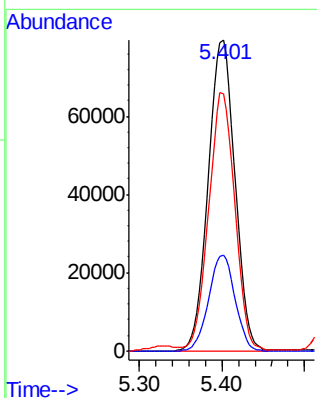
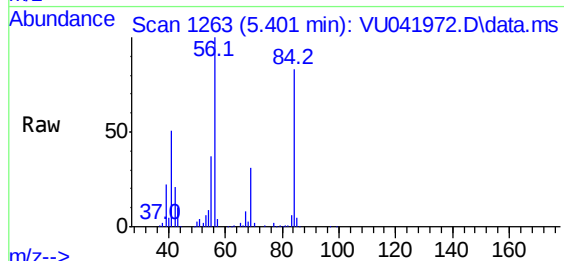


#29
Cyclohexane
Concen: 45.57 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

Tgt Ion: 56 Resp: 177807

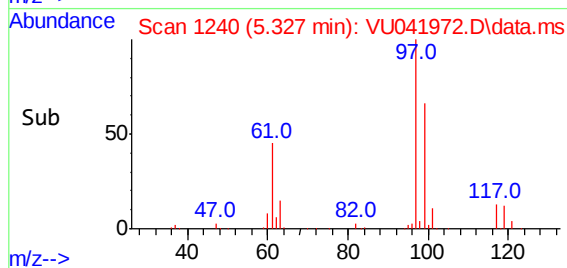
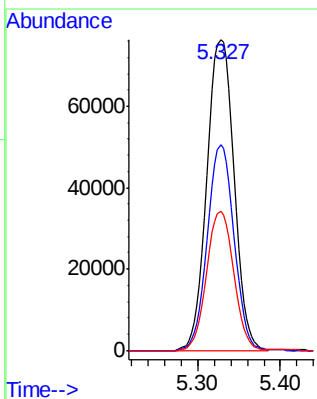
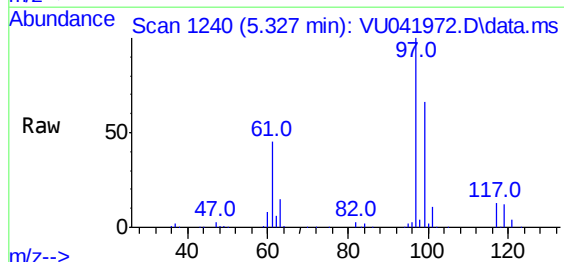
Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.4	35.0
84	80.9	64.3	96.5

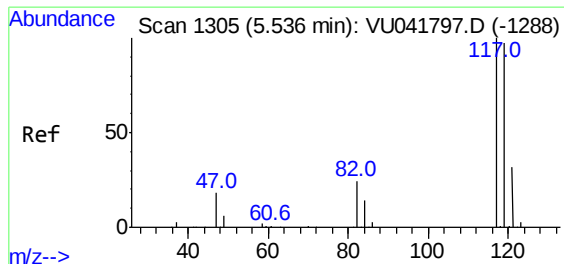


#30
1,1,1-Trichloroethane
Concen: 45.11 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 97 Resp: 174476

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	44.6	37.1	55.7

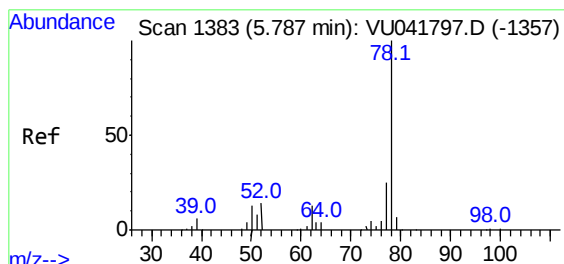
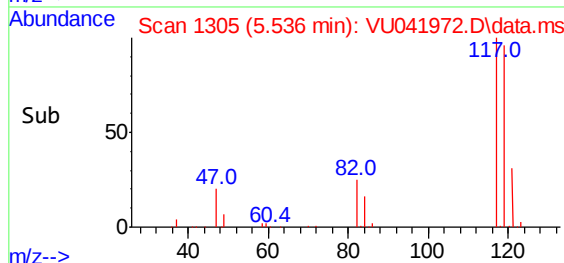
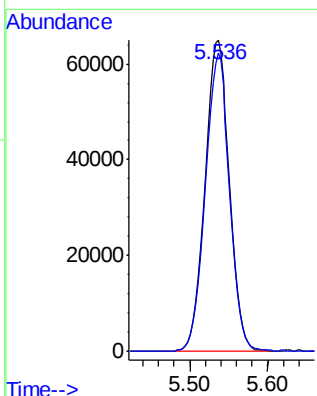
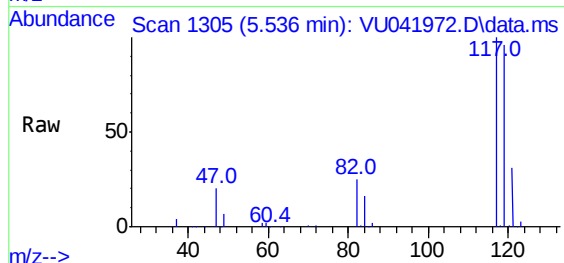




#31
Carbon tetrachloride
Concen: 44.15 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

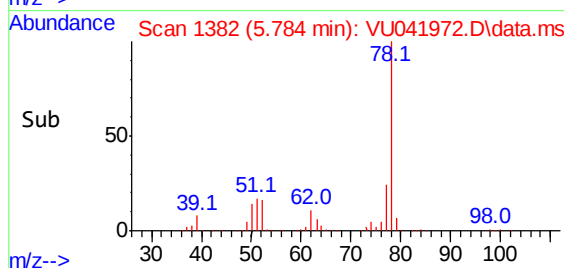
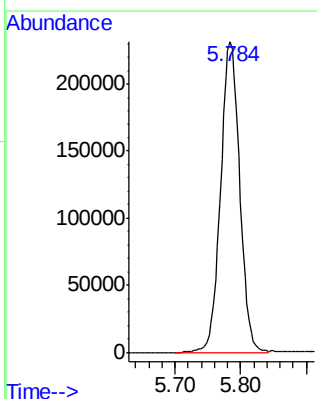
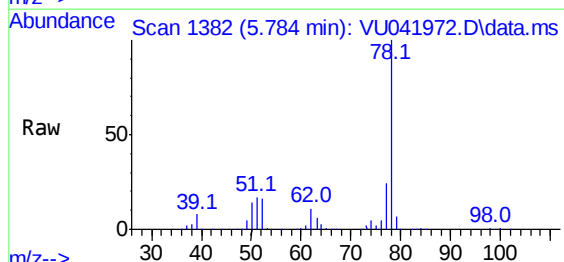
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

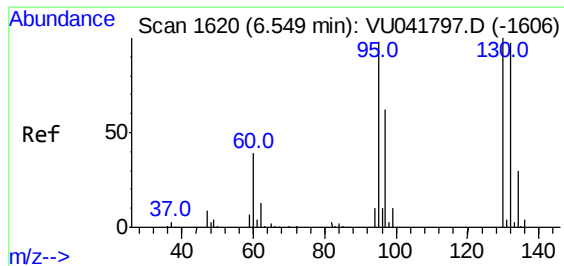
Tgt Ion:117 Resp: 141991
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7



#33
Benzene
Concen: 48.87 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 78 Resp: 469831

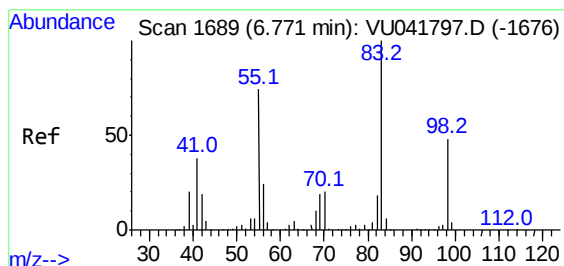
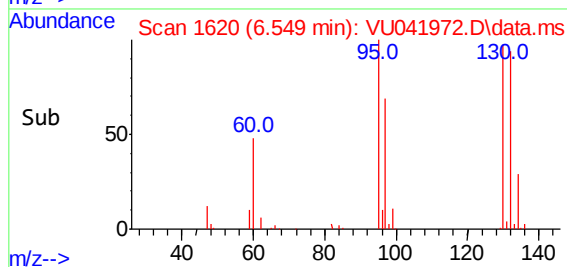
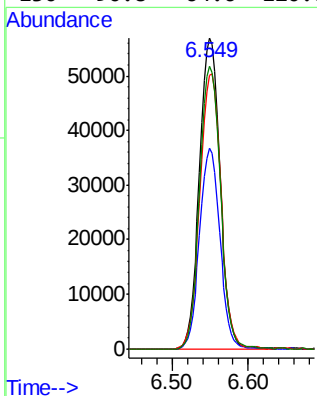
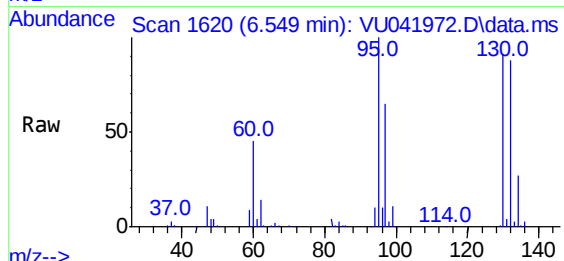




#34
Trichloroethene
Concen: 45.04 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

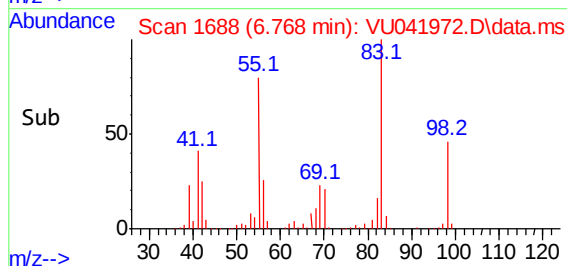
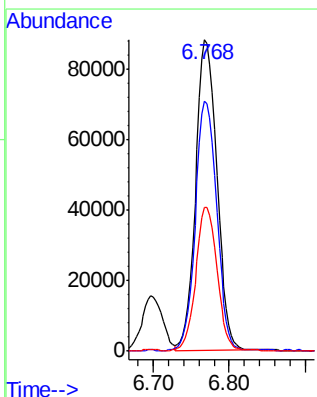
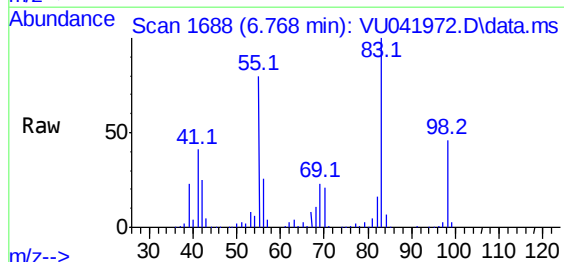
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

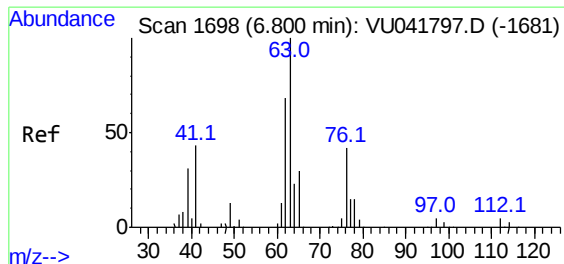
Tgt Ion: 95 Resp: 106542
Ion Ratio Lower Upper
95 100
97 64.6 46.1 85.7
132 87.9 63.5 117.9
130 90.8 64.6 120.0



#35
Methylcyclohexane
Concen: 49.23 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 83 Resp: 170828
Ion Ratio Lower Upper
83 100
55 81.1 65.8 98.8
98 46.2 36.9 55.3

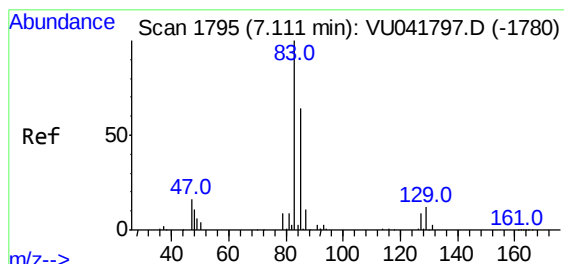
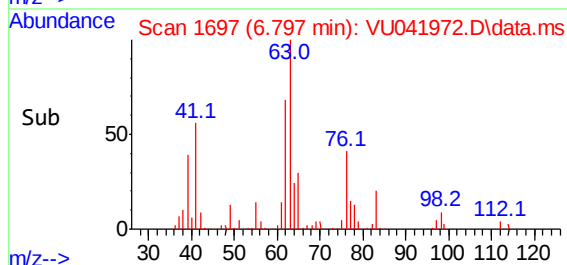
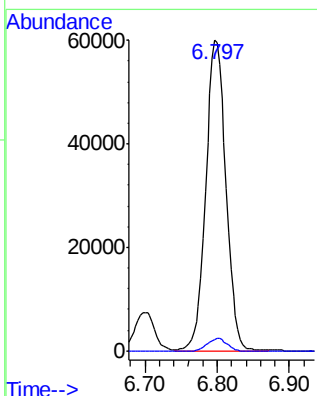
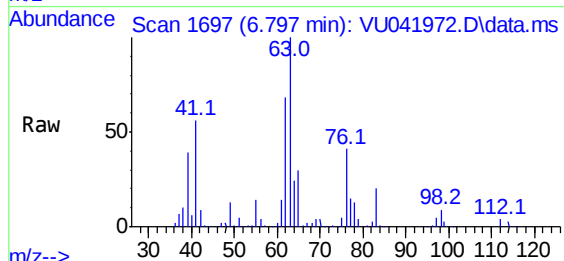




#37
1,2-Dichloropropane
Concen: 45.88 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

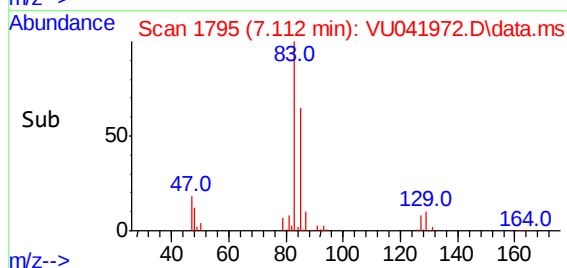
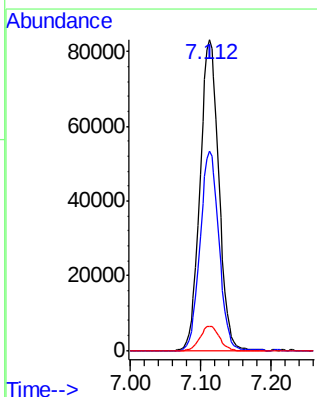
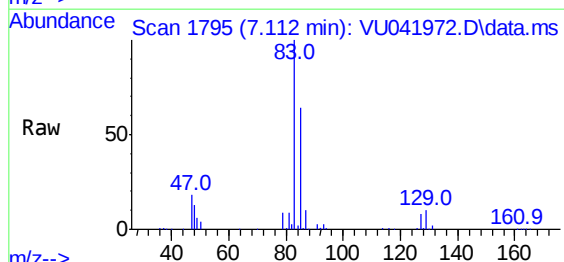
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

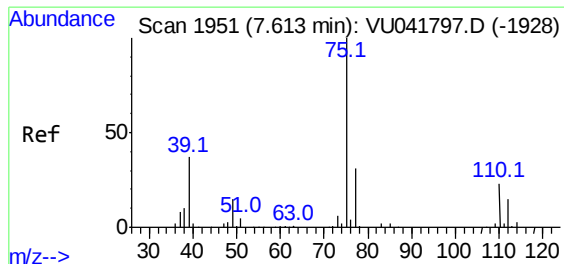
Tgt Ion: 63 Resp: 115791
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 49.11 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 83 Resp: 153929
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1
127 7.8 6.6 9.8

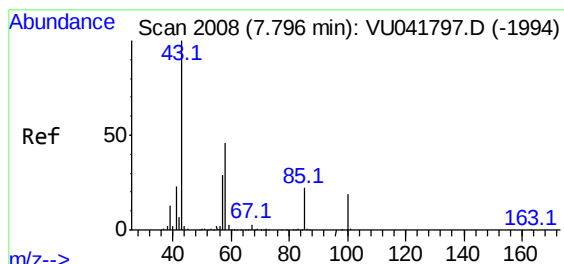
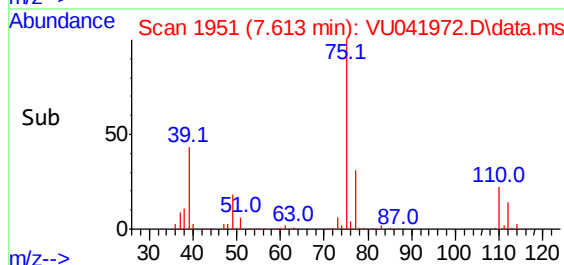
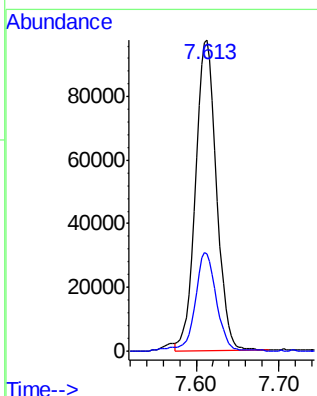
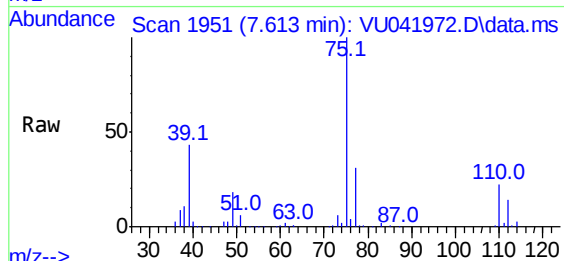




#39
cis-1,3-Dichloropropene
Concen: 46.97 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

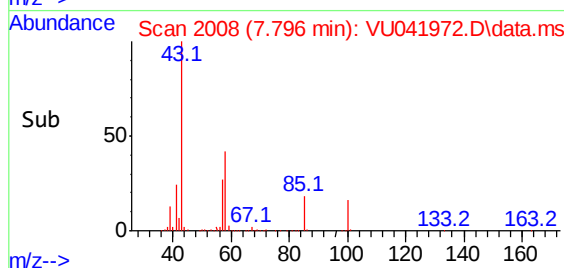
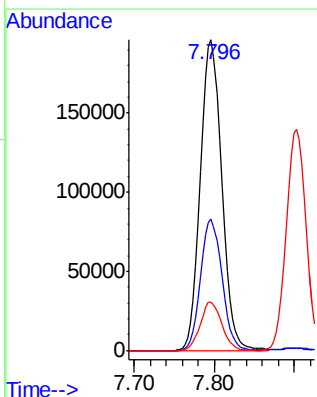
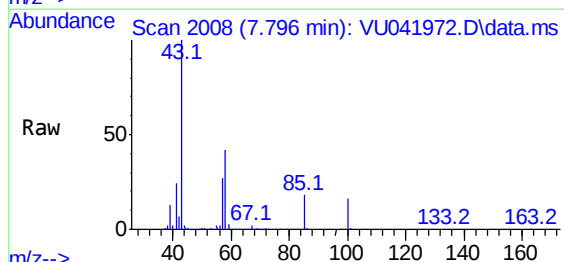
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

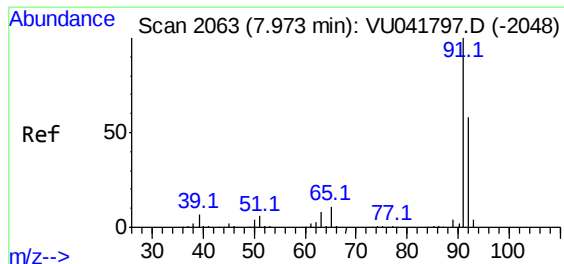
Tgt Ion: 75 Resp: 174267
Ion Ratio Lower Upper
75 100
77 31.3 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 90.13 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 43 Resp: 351656
Ion Ratio Lower Upper
43 100
58 42.3 33.4 50.0
100 15.5 12.0 18.0

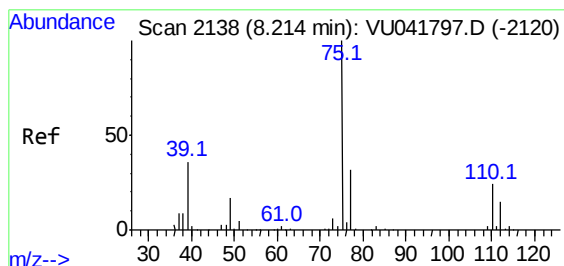
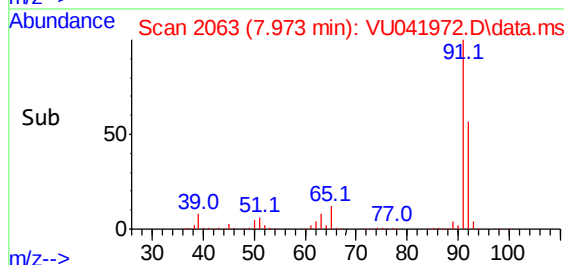
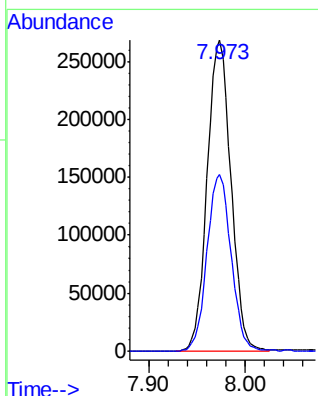
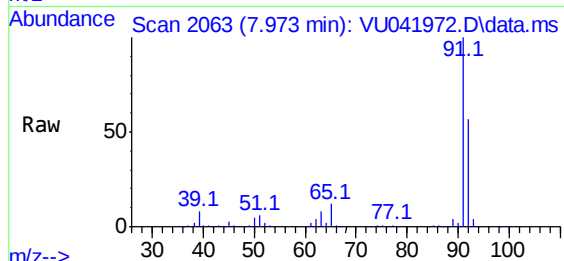




#42
Toluene
Concen: 50.13 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

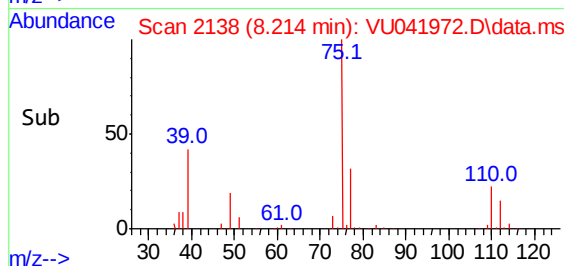
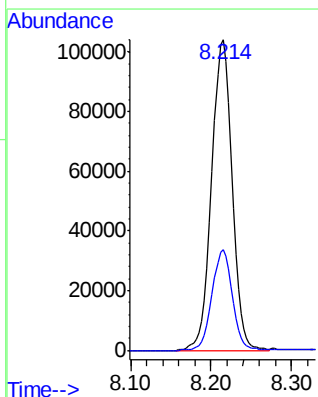
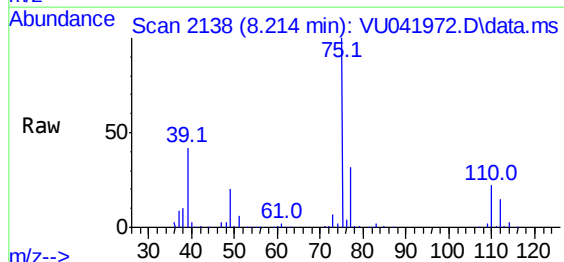
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

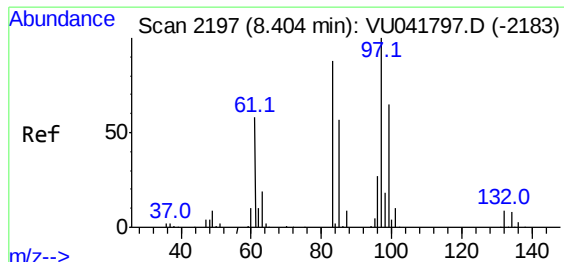
Tgt Ion: 91 Resp: 459168
Ion Ratio Lower Upper
91 100
92 56.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 50.23 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 75 Resp: 179065
Ion Ratio Lower Upper
75 100
77 32.4 21.3 39.6



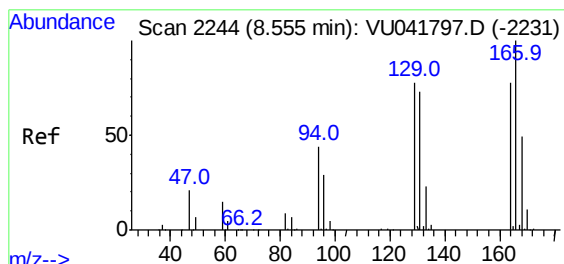
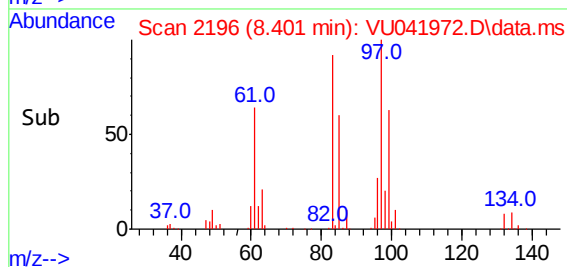
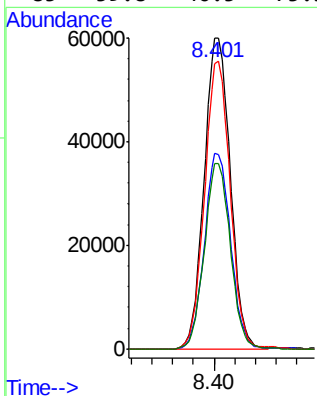
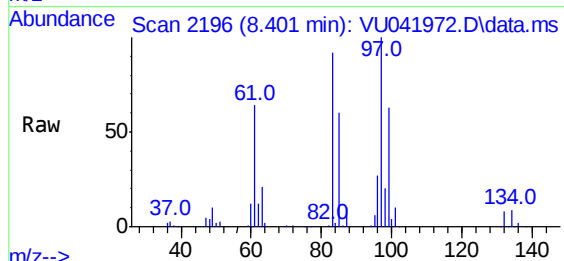


#45
1,1,2-Trichloroethane
Concen: 47.90 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

Tgt Ion: 97 Resp: 105493

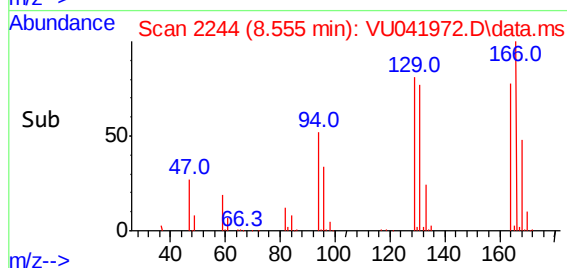
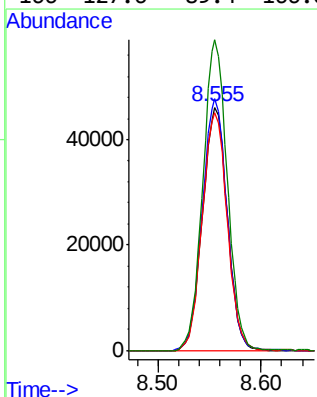
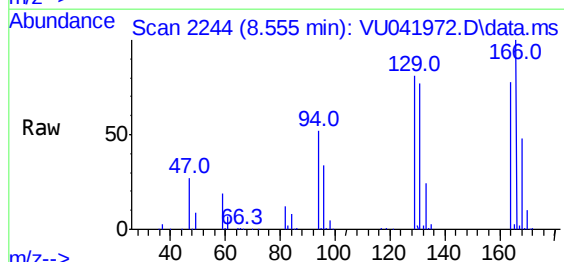
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.4	78.8
83	91.9	65.2	121.2
85	59.8	40.5	75.3

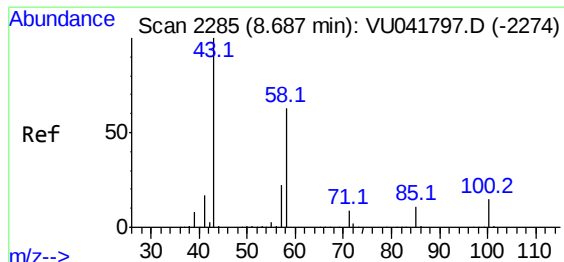


#46
Tetrachloroethene
Concen: 51.81 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 164 Resp: 76928

Ion	Ratio	Lower	Upper
164	100		
129	103.5	71.6	133.0
131	97.8	68.4	127.0
166	127.6	89.4	166.0

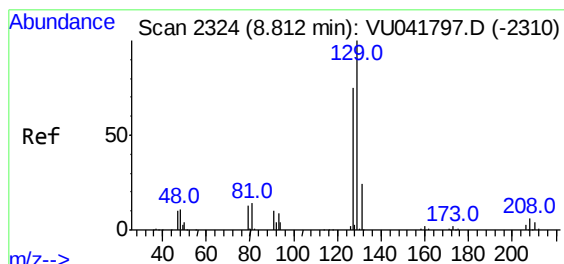
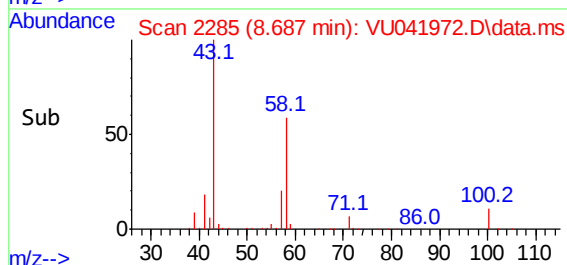
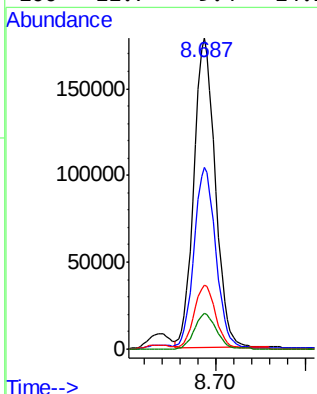
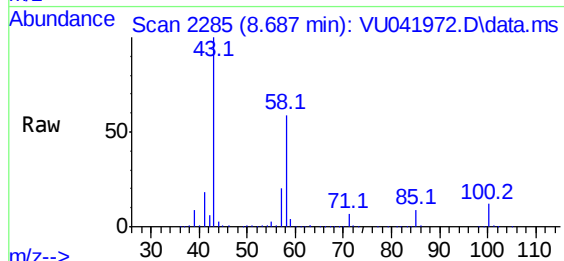




#48
2-Hexanone
Concen: 91.37 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

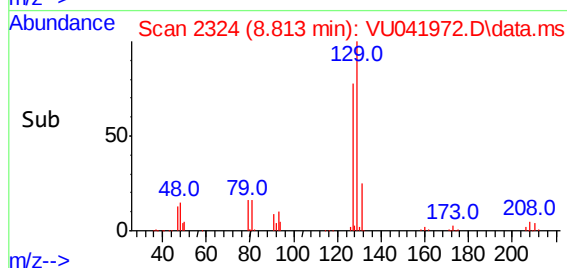
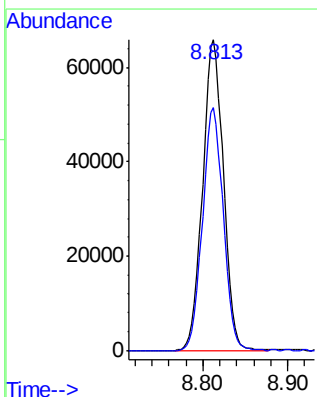
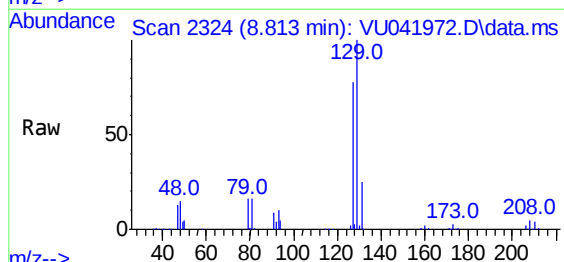
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

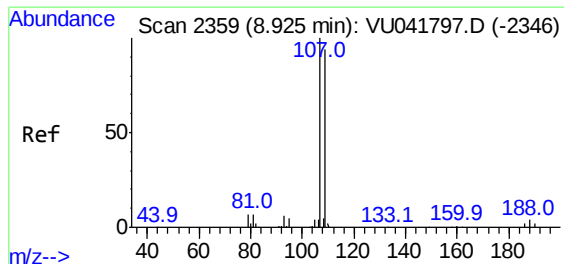
Tgt Ion: 43 Resp: 295040
Ion Ratio Lower Upper
43 100
58 59.2 46.6 70.0
57 20.9 17.1 25.7
100 11.7 9.4 14.2



#49
Dibromochloromethane
Concen: 47.66 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 129 Resp: 111790
Ion Ratio Lower Upper
129 100
127 78.0 55.9 103.7

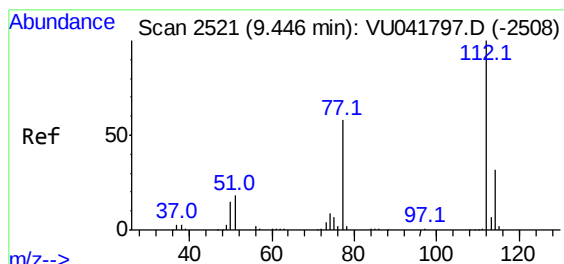
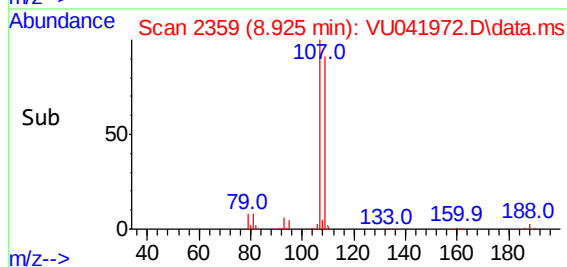
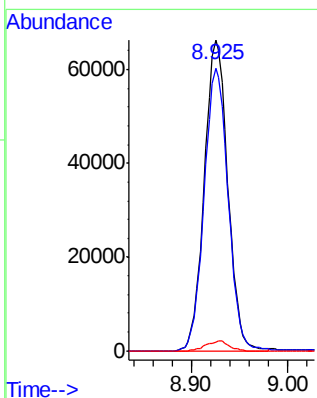
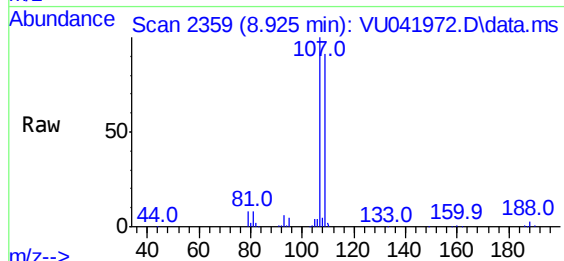




#50
1,2-Dibromoethane
Concen: 48.47 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

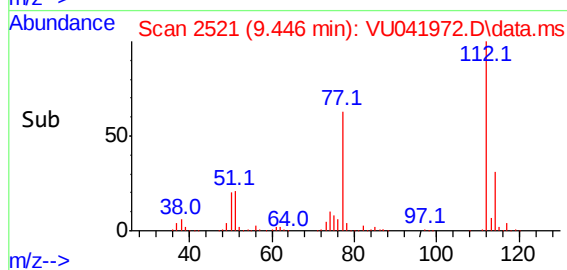
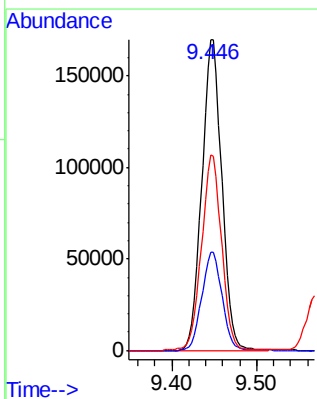
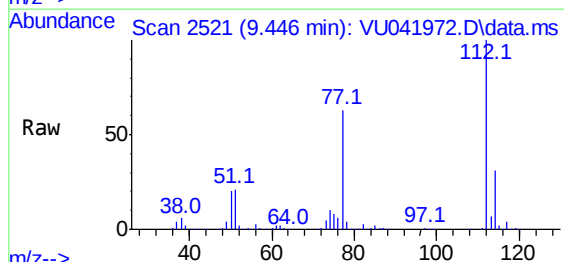
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

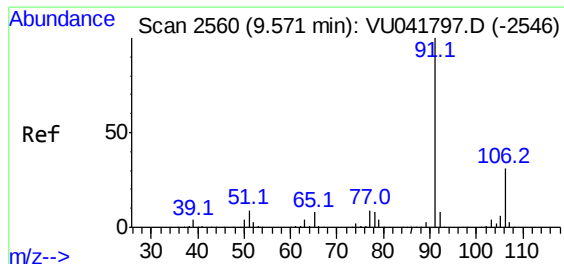
Tgt Ion:107 Resp: 111885
Ion Ratio Lower Upper
107 100
109 91.0 65.5 121.7
188 2.9 2.2 3.4



#51
Chlorobenzene
Concen: 49.05 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:112 Resp: 275956
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.3
77 62.8 49.4 74.0

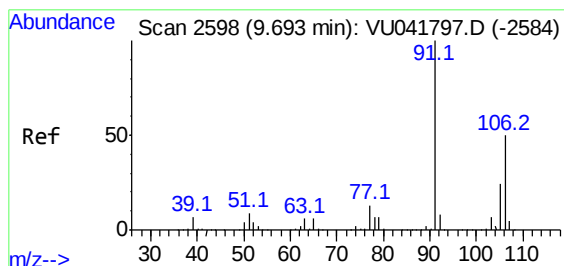
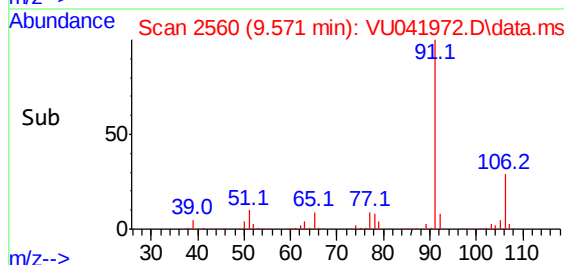
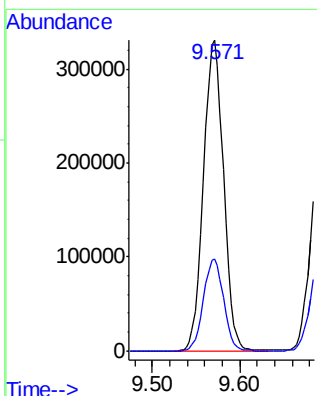
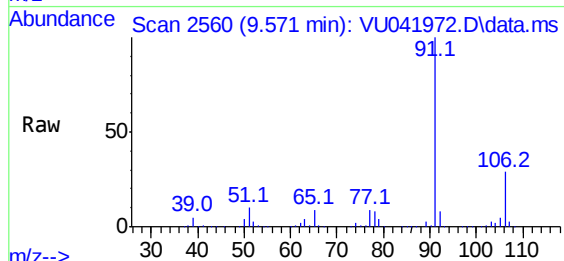




#52
Ethylbenzene
Concen: 53.97 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

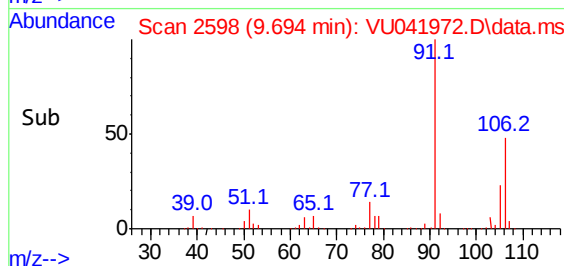
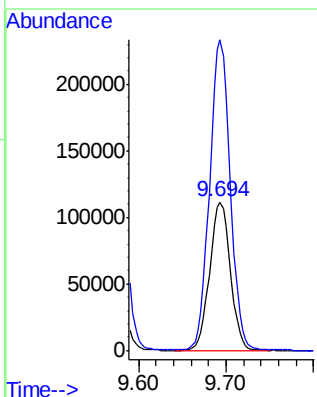
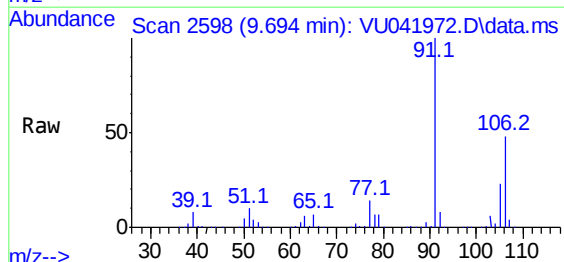
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

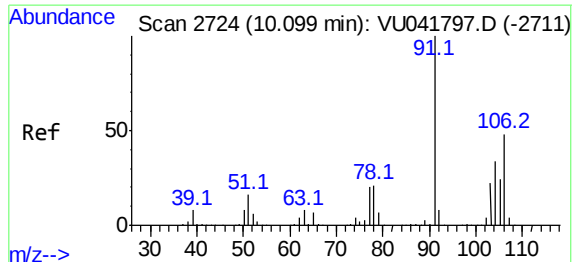
Tgt Ion: 91 Resp: 527038
Ion Ratio Lower Upper
91 100
106 29.4 20.8 38.6



#53
m,p-Xylene
Concen: 51.34 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 106 Resp: 181873
Ion Ratio Lower Upper
106 100
91 209.0 151.4 281.2





#54

o-xylene

Concen: 50.22 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU041972.D

Acq: 12 Jan 2021 16:47

Tgt Ion:106 Resp: 171780

Ion Ratio Lower Upper

106 100

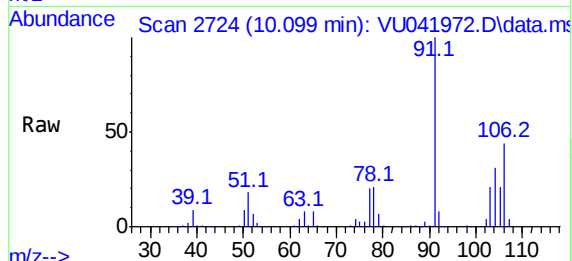
91 225.0 158.5 294.3

Instrument :

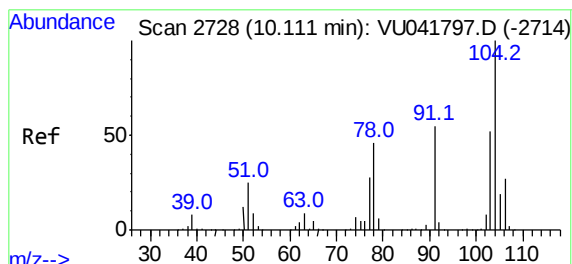
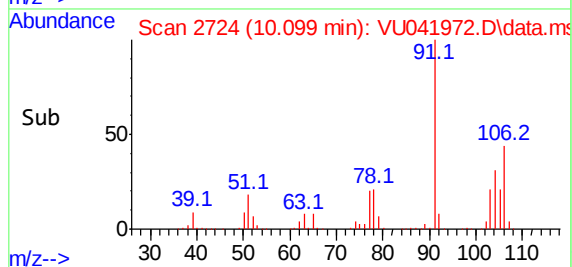
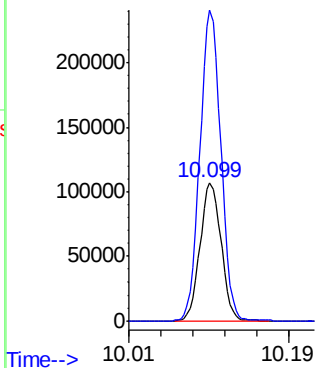
MSVOA_U

ClientSampleId :

VSTD050160



Abundance



#55

Styrene

Concen: 50.63 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VU041972.D

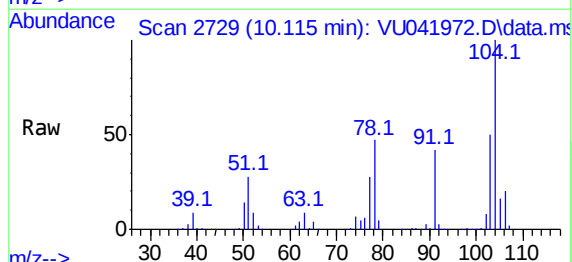
Acq: 12 Jan 2021 16:47

Tgt Ion:104 Resp: 304955

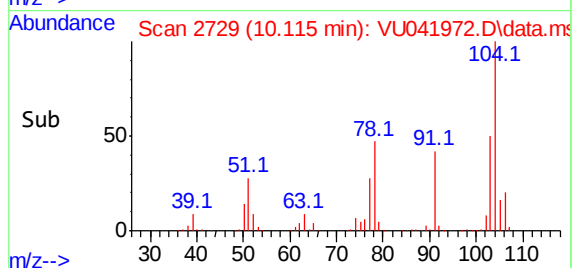
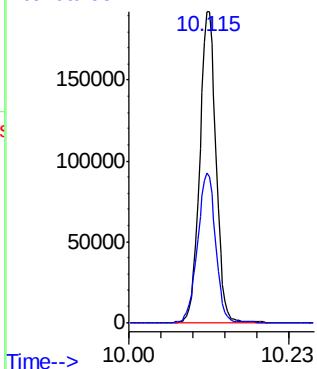
Ion Ratio Lower Upper

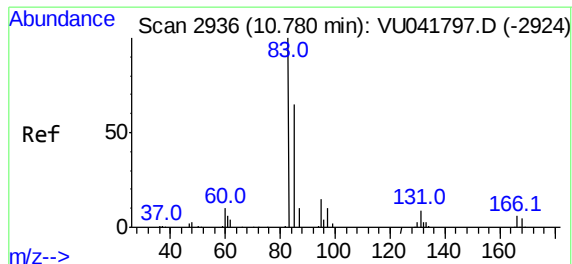
104 100

78 46.8 35.0 65.0



Abundance

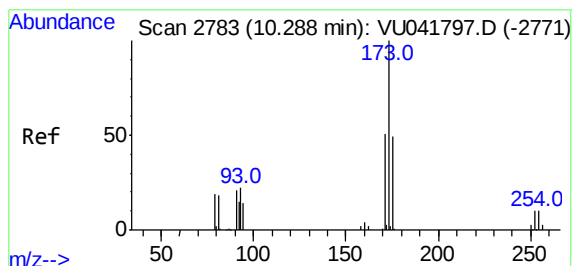
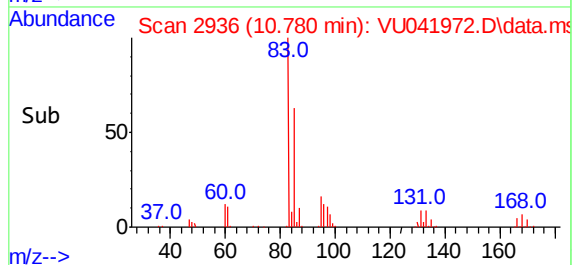
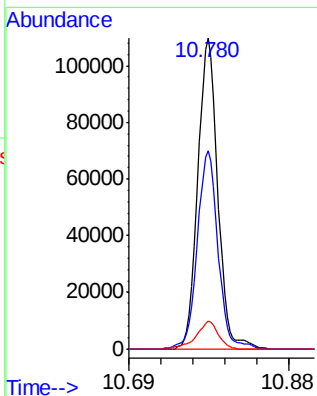
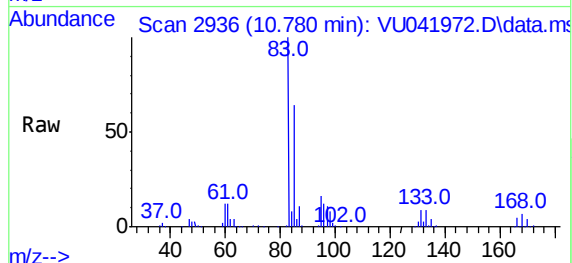




#57
1,1,2,2-Tetrachloroethane
Concen: 43.54 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

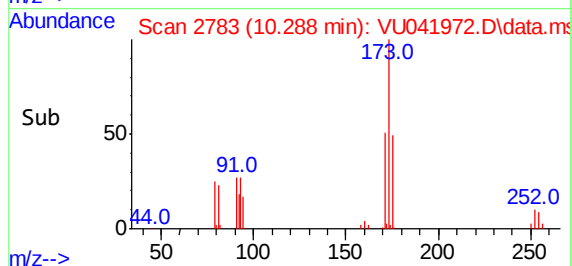
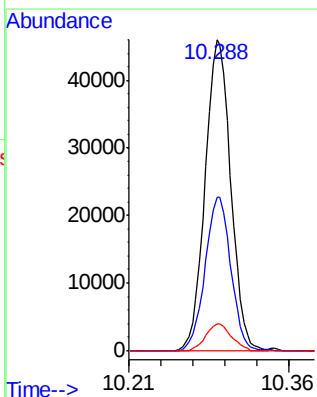
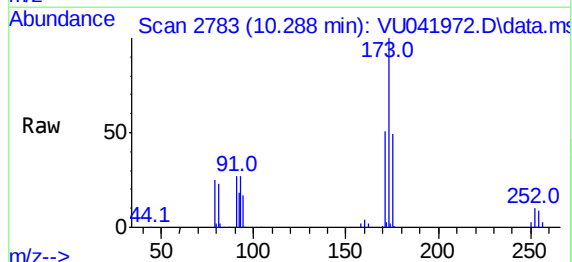
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

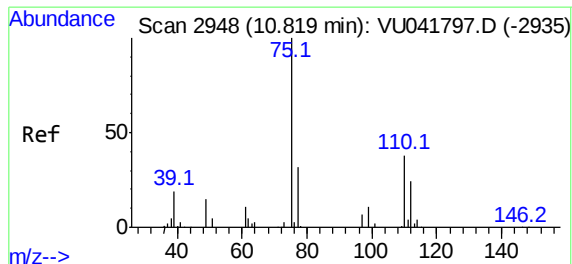
Tgt Ion: 83 Resp: 177633
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.9
131 9.0 7.4 11.2



#59
Bromoform
Concen: 48.38 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:173 Resp: 75795
Ion Ratio Lower Upper
173 100
175 49.6 37.8 56.8
254 8.5 6.6 10.0

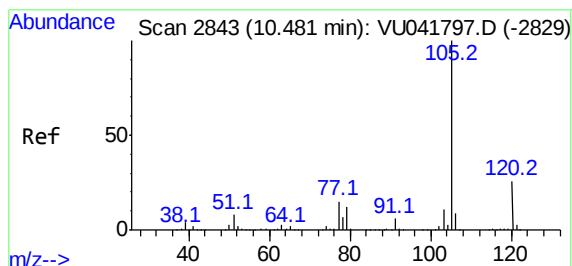
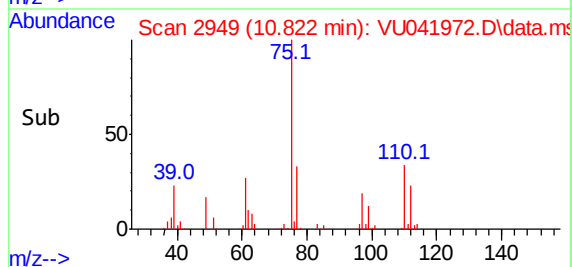
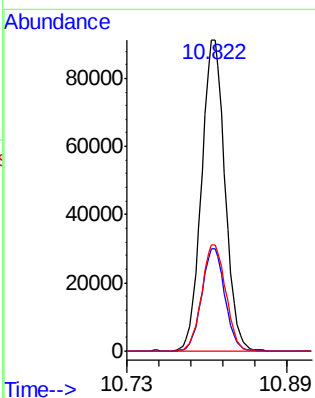
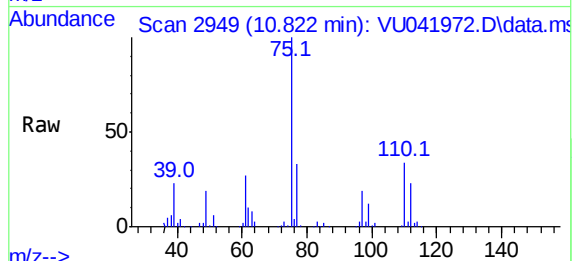




#60
1,2,3-Trichloropropane
Concen: 47.05 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

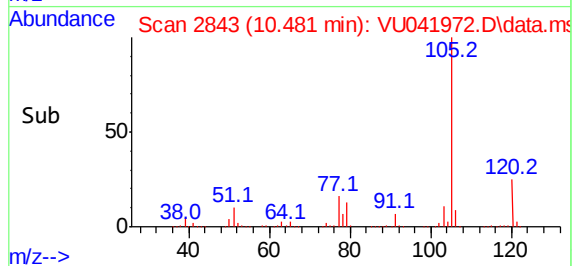
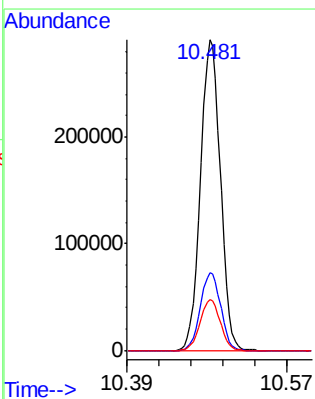
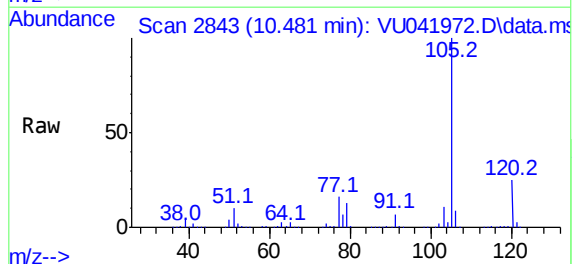
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

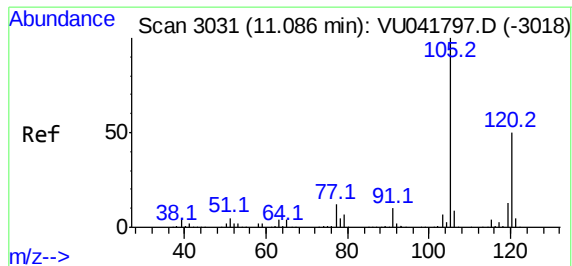
Tgt Ion: 75 Resp: 148271
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6
110 34.9 28.7 43.1



#61
Isopropylbenzene
Concen: 54.36 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:105 Resp: 459143
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 16.5 13.4 20.0

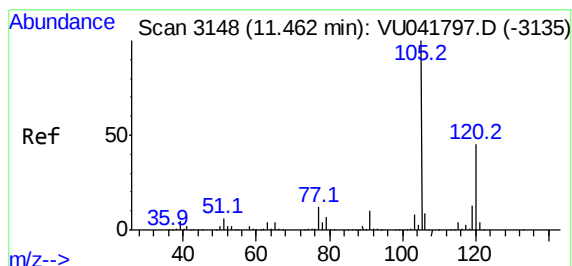
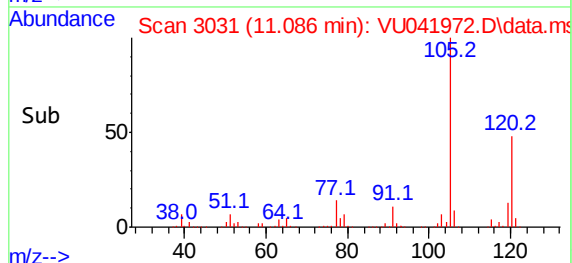
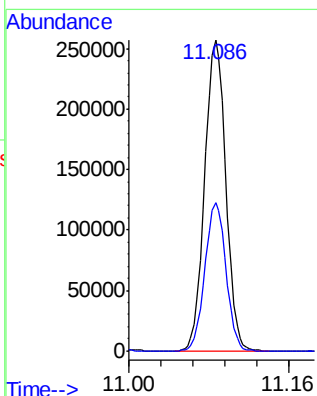
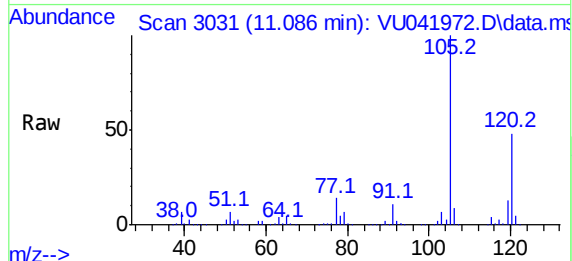




#62
1,3,5-Trimethylbenzene
Concen: 54.35 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

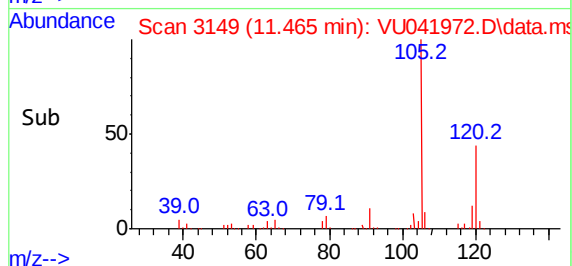
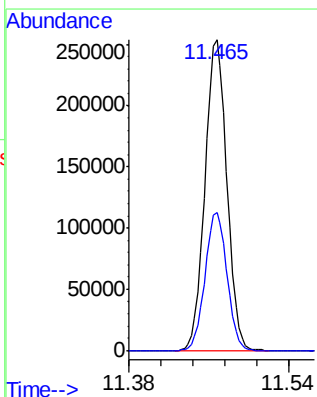
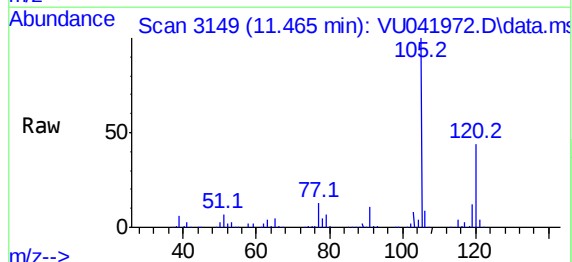
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

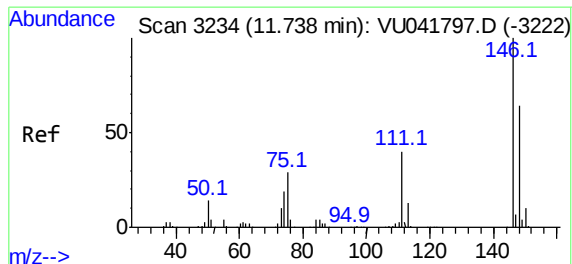
Tgt Ion:105 Resp: 389030
Ion Ratio Lower Upper
105 100
120 47.5 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 53.96 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:105 Resp: 386542
Ion Ratio Lower Upper
105 100
120 44.5 35.5 53.3

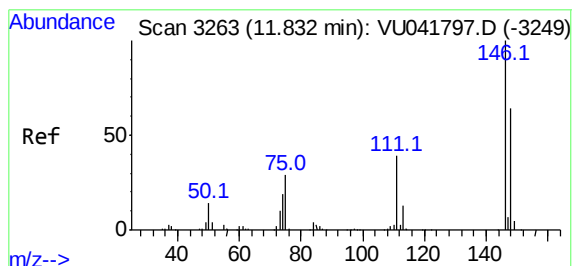
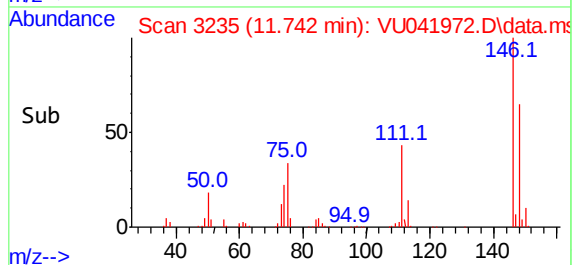
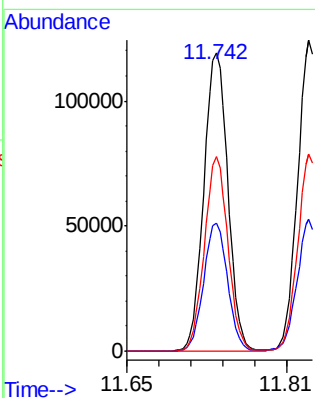
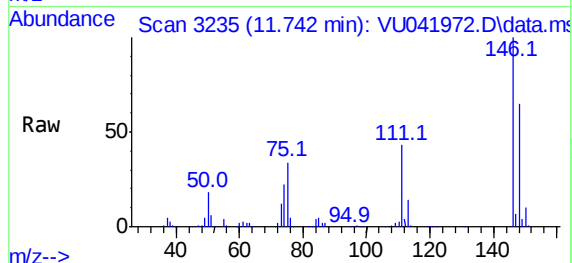




#64
1,3-Dichlorobenzene
Concen: 49.81 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

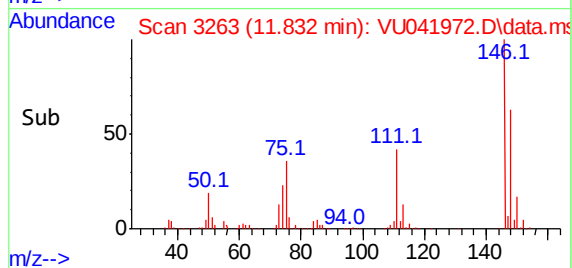
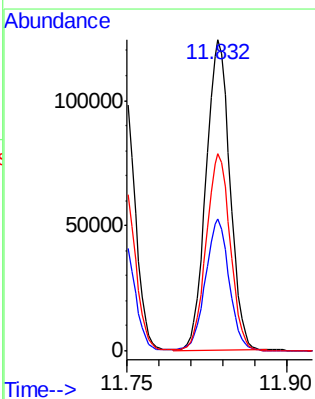
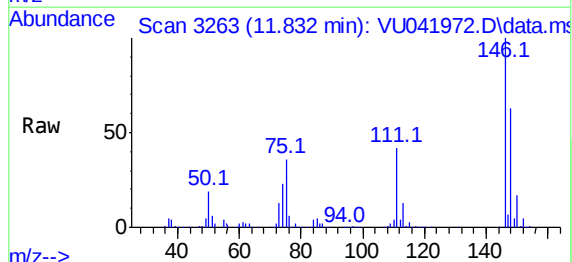
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

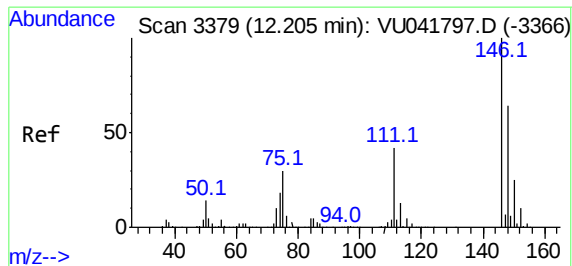
Tgt Ion:146 Resp: 192453
Ion Ratio Lower Upper
146 100
111 42.8 30.7 56.9
148 65.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 49.59 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:146 Resp: 191597
Ion Ratio Lower Upper
146 100
111 42.3 29.4 54.6
148 63.5 45.1 83.9

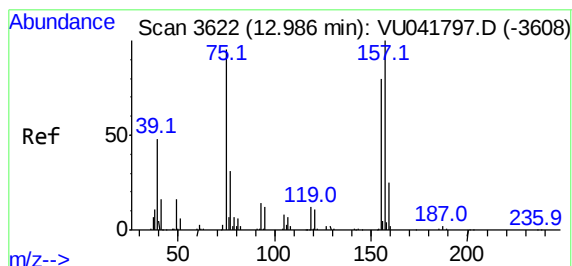
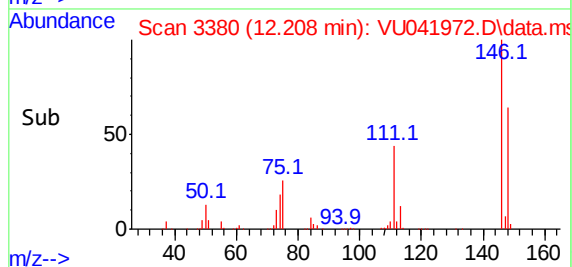
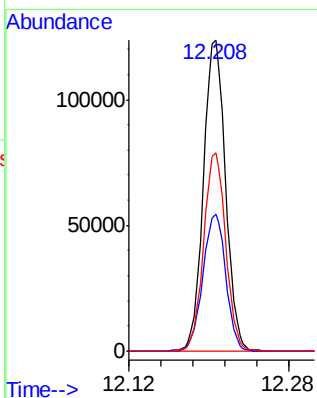
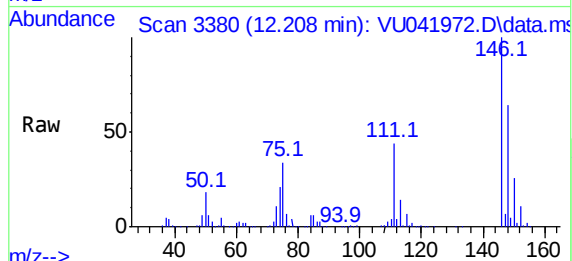




#67
1,2-Dichlorobenzene
Concen: 49.49 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

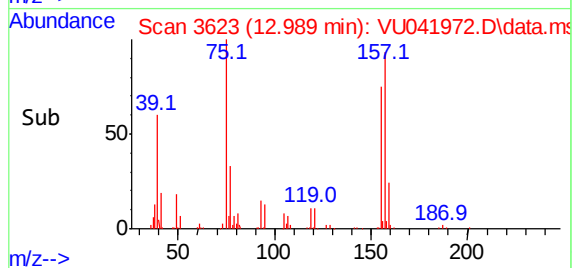
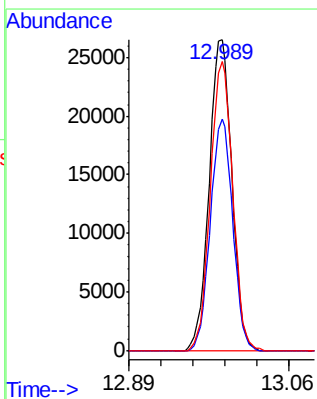
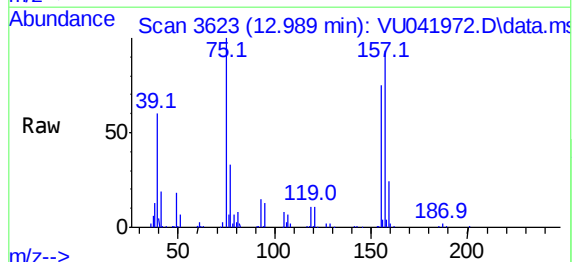
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

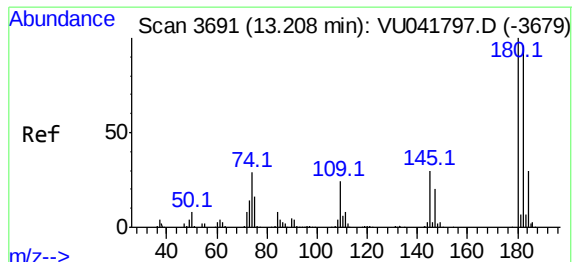
Tgt Ion:146 Resp: 195503
Ion Ratio Lower Upper
146 100
111 44.1 35.4 53.2
148 63.8 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 43.25 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion: 75 Resp: 43204
Ion Ratio Lower Upper
75 100
155 74.6 56.2 84.2
157 92.9 69.5 104.3

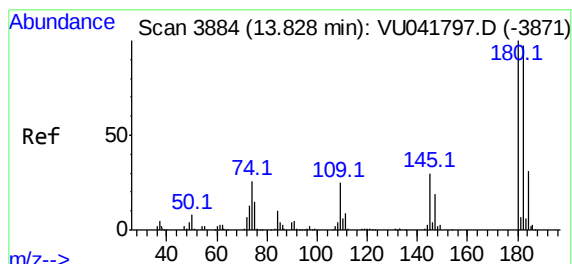
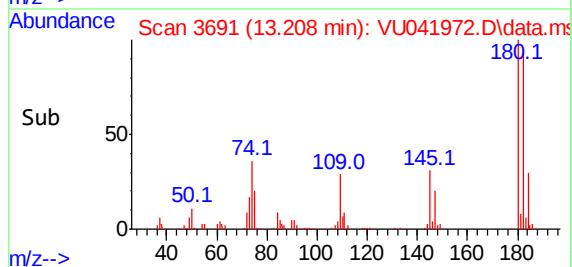
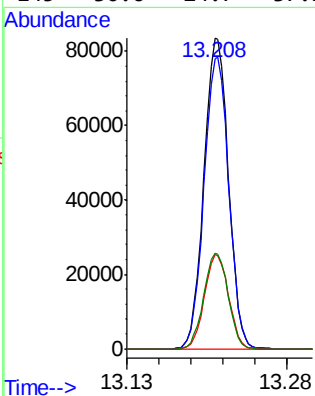
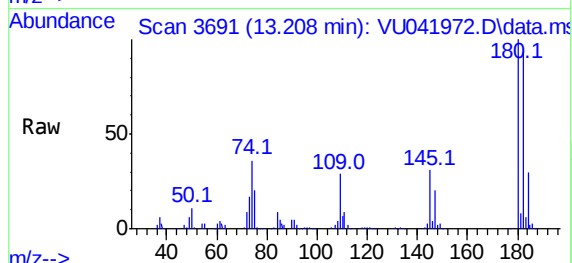




#69
1,3,5-Trichlorobenzene
Concen: 50.43 ug/L
RT: 13.208 min Scan# 3691
Delta R.T. -0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

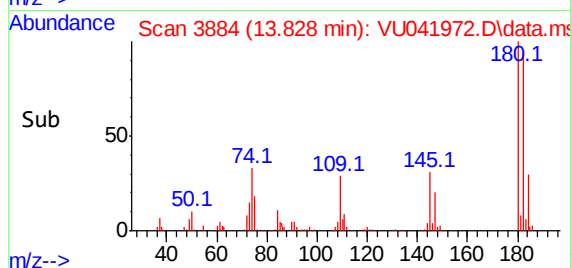
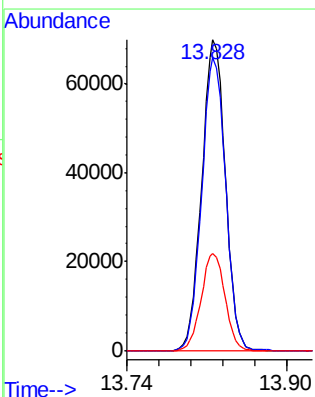
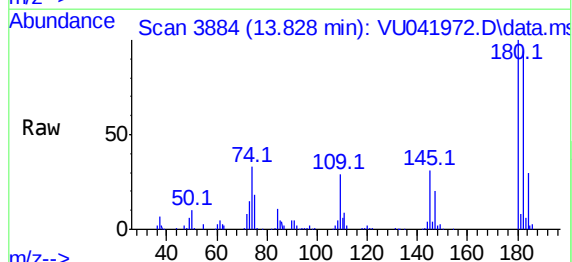
Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

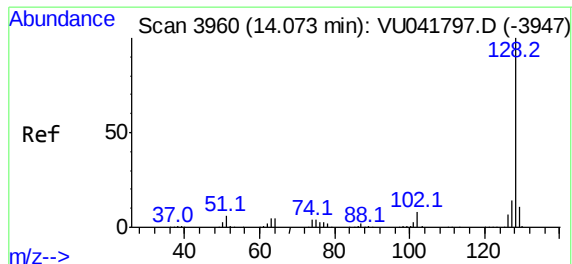
Tgt Ion:180 Resp: 131560
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
184 29.8 24.3 36.5
145 30.6 24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 55.05 ug/L
RT: 13.828 min Scan# 3884
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:180 Resp: 110707
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 31.5 26.8 40.2

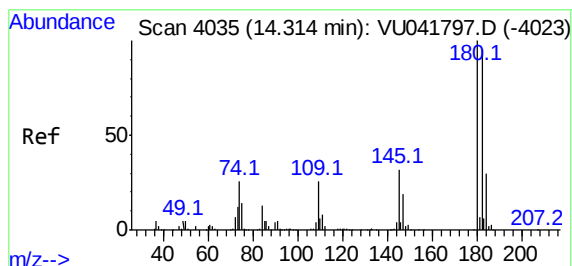
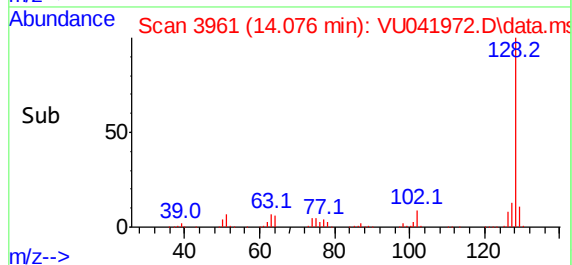
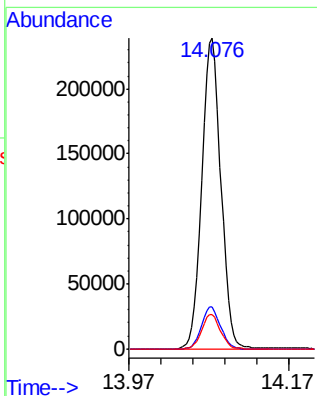
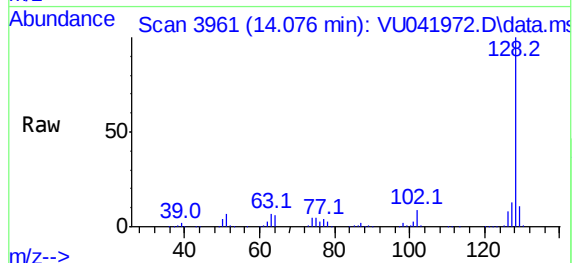




#71
Naphthalene
Concen: 55.45 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD050160

Tgt Ion:128 Resp: 383949
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 54.46 ug/L
RT: 14.317 min Scan# 4036
Delta R.T. 0.000 min
Lab File: VU041972.D
Acq: 12 Jan 2021 16:47

Tgt Ion:180 Resp: 112185
Ion Ratio Lower Upper
180 100
182 95.6 75.5 113.3
145 33.7 27.1 40.7

