

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042228.D
 Acq On : 03 Feb 2021 11:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Feb 04 04:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	112530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	106845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	60604	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33522	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.919	69	26368	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	2.575	63	81789	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.20%			
20) 2-Butanone-d5	4.645	46	106588	40.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.48%			
24) Chloroform-d	5.076	84	74046	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.713	65	44474	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.735	84	136029	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.700	67	44460	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.906	98	127650	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloroprop...	8.189	79	19362	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.645	63	100551	50.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.26%			
57) 1,1,2,2-Tetrachloroeth...	10.767	84	38266	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	12.201	152	51947	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	47811	4.51	ug/L	99
3) Chloromethane	1.523	50	42848	4.54	ug/L	97
5) Vinyl chloride	1.607	62	42312	4.67	ug/L	99
6) Bromomethane	1.864	94	23428	4.37	ug/L	95
8) Chloroethane	1.938	64	24325	4.63	ug/L	99
9) Trichlorofluoromethane	2.144	101	62164	5.06	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40224	5.07	ug/L	99
12) 1,1-Dichloroethene	2.588	96	36315	4.76	ug/L	91
13) Acetone	2.652	43	66758	37.84	ug/L	99
14) Carbon disulfide	2.800	76	112836	4.46	ug/L	99
15) Methyl Acetate	2.961	43	17421	4.19	ug/L	100
16) Methylene chloride	3.054	84	39650	4.41	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	108468	4.91	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	38410	4.73	ug/L	97
19) 1,1-Dichloroethane	3.880	63	77402	5.16	ug/L	98
21) 2-Butanone	4.723	43	129609	43.86	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	42872	4.95	ug/L	100
23) Bromochloromethane	4.986	128	19877	4.97	ug/L	92
25) Chloroform	5.099	83	76970	4.98	ug/L	99
27) 1,2-Dichloroethane	5.803	62	58286	5.31	ug/L	95

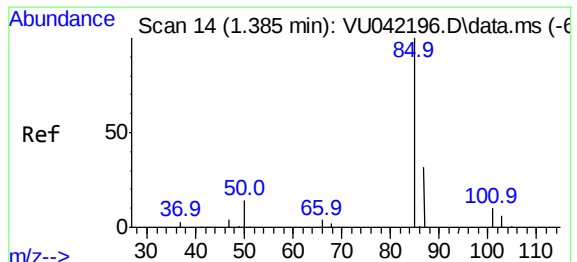
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042228.D
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 ClientSampleId :
 VSTD00529

Quant Time: Feb 04 04:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	71437	5.07	ug/L	98
30) Cyclohexane	5.398	56	71658	4.74	ug/L	98
31) Carbon tetrachloride	5.536	117	61991	5.00	ug/L	99
33) Benzene	5.784	78	159403	5.07	ug/L	100
34) Trichloroethene	6.552	95	44180	5.21	ug/L	96
35) Methylcyclohexane	6.774	83	68289	4.80	ug/L	98
37) 1,2-Dichloropropane	6.800	63	43592	5.26	ug/L	98
38) Bromodichloromethane	7.115	83	57754	5.05	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	67015	4.92	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	376913	53.22	ug/L	98
42) Toluene	7.980	91	171980	5.05	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	60882	4.88	ug/L	97
45) 1,1,2-Trichloroethane	8.410	97	32379	5.28	ug/L	95
47) Tetrachloroethene	8.562	164	35205	4.99	ug/L	98
48) 2-Hexanone	8.697	43	278146	56.49	ug/L	96
49) Dibromochloromethane	8.819	129	40969	5.03	ug/L	98
50) 1,2-Dibromoethane	8.935	107	32909	5.20	ug/L	99
51) Chlorobenzene	9.455	112	110292	5.07	ug/L	99
52) Ethylbenzene	9.578	91	194287	4.98	ug/L	99
53) m,p-Xylene	9.703	106	73035	5.00	ug/L	98
54) o-Xylene	10.108	106	71867	5.07	ug/L	97
55) Styrene	10.124	104	121467	4.98	ug/L	98
56) Isopropylbenzene	10.494	105	195238	4.99	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.793	83	42453	5.42	ug/L	100
59) 1,2,3-Trichloropropane	10.835	75	31315	5.36	ug/L	100
61) Bromoform	10.301	173	25961	4.74	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	93769	4.96	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	92818	4.91	ug/L	95
65) 1,2-Dichlorobenzene	12.221	146	89815	5.11	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.008	75	8477	5.40	ug/L	90
67) 1,3,5-Trichlorobenzene	13.230	180	80360	5.31	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	67267	5.62	ug/L	99
69) Naphthalene	14.098	128	112613	6.43	ug/L	99
70) 1,2,3-Trichlorobenzene	14.339	180	58631	5.53	ug/L	97

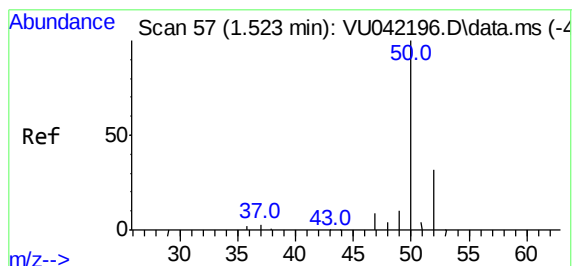
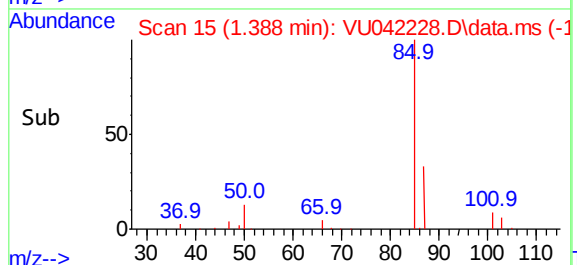
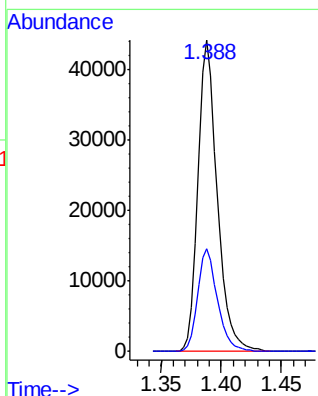
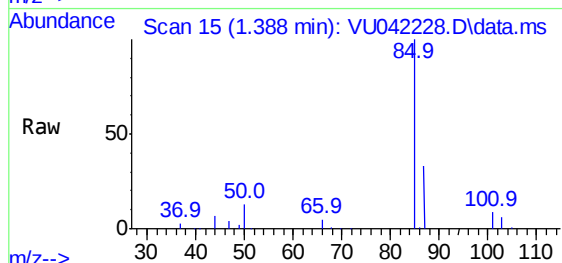
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.51 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

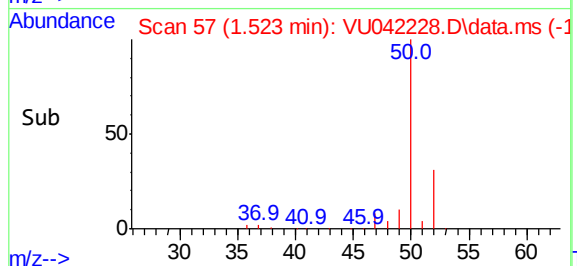
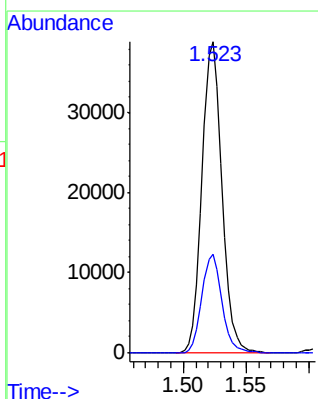
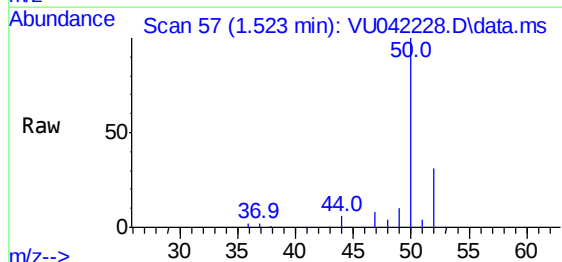
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

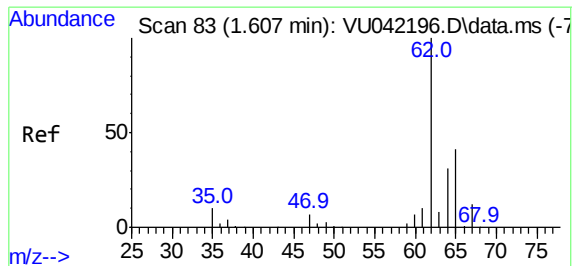
Tgt Ion: 85 Resp: 47811
Ion Ratio Lower Upper
85 100
87 33.4 26.1 39.1



#3
Chloromethane
Concen: 4.54 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 50 Resp: 42848
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.8

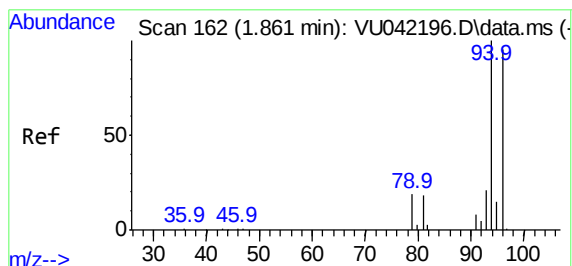
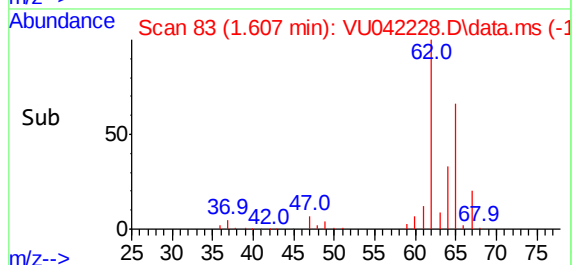
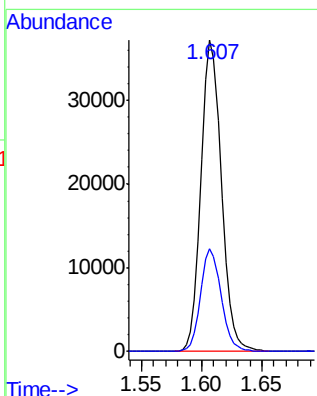
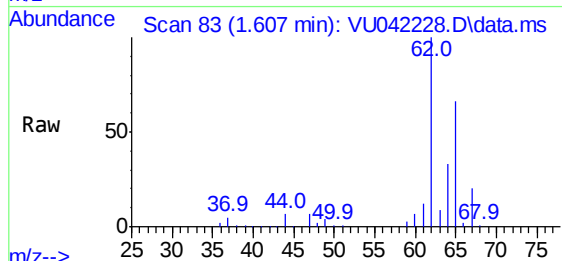




#5
 Vinyl chloride
 Concen: 4.67 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU042228.D
 Acq: 03 Feb 2021 11:46

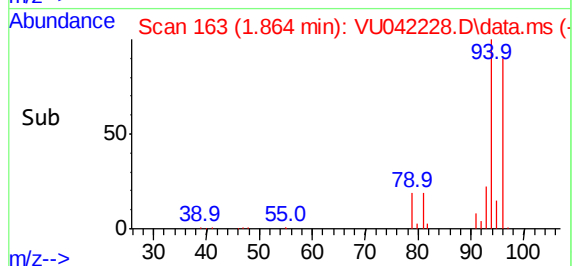
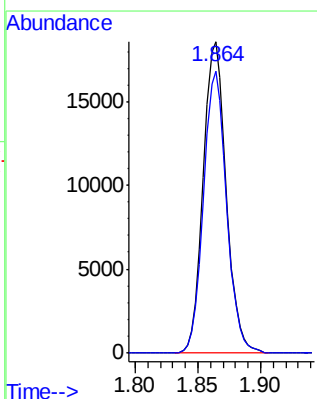
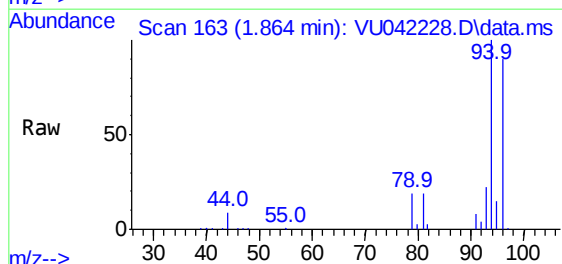
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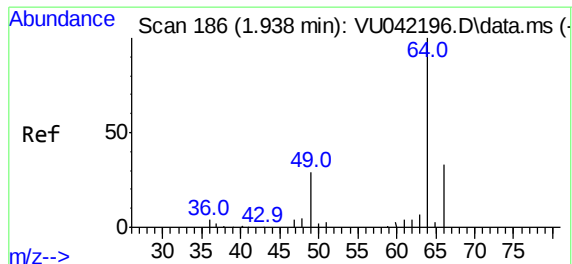
Tgt Ion: 62 Resp: 42312
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.1



#6
 Bromomethane
 Concen: 4.37 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU042228.D
 Acq: 03 Feb 2021 11:46

Tgt Ion: 94 Resp: 23428
 Ion Ratio Lower Upper
 94 100
 96 90.5 66.5 123.5

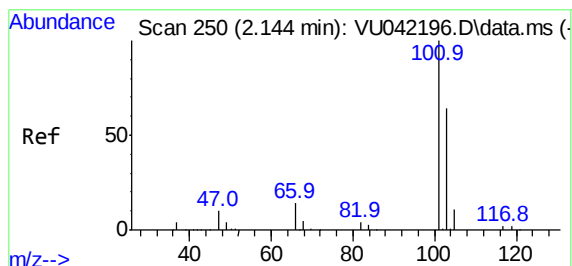
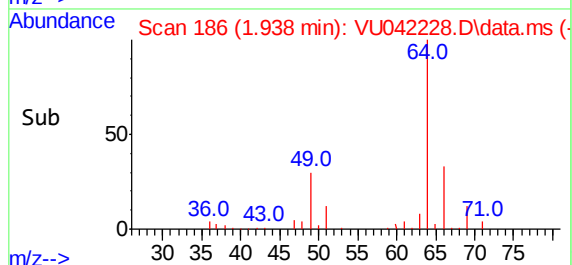
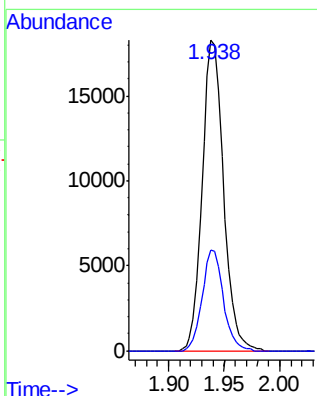
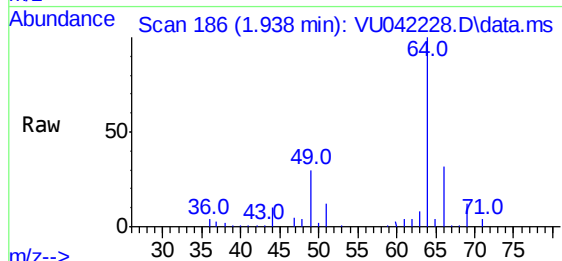




#8
Chloroethane
Concen: 4.63 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

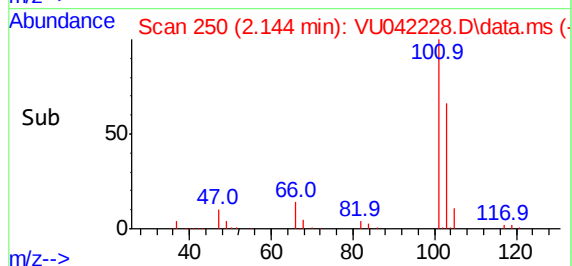
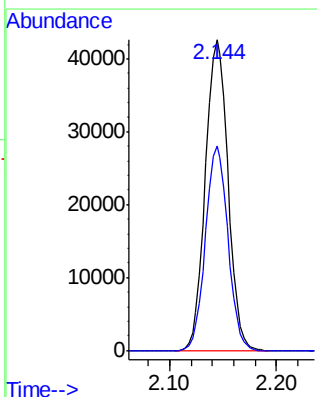
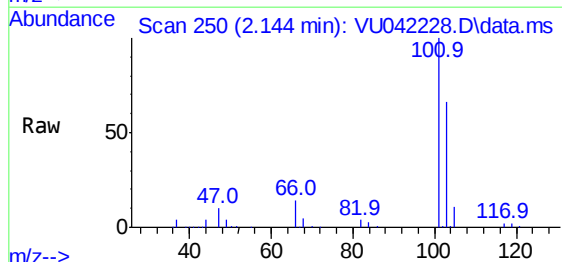
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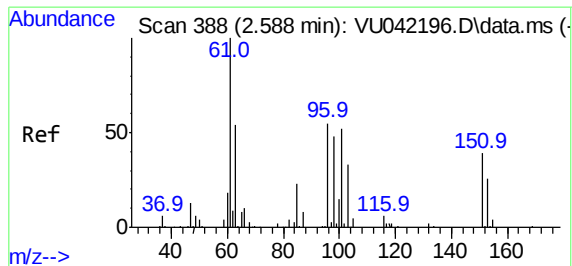
Tgt Ion: 64 Resp: 24325
Ion Ratio Lower Upper
64 100
66 32.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.06 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion:101 Resp: 62164
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

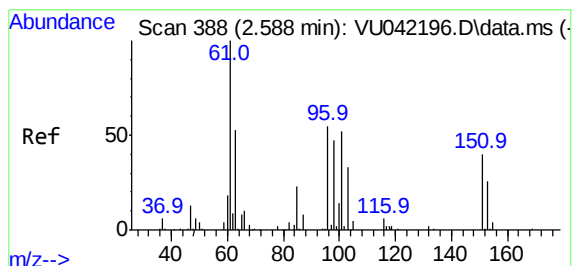
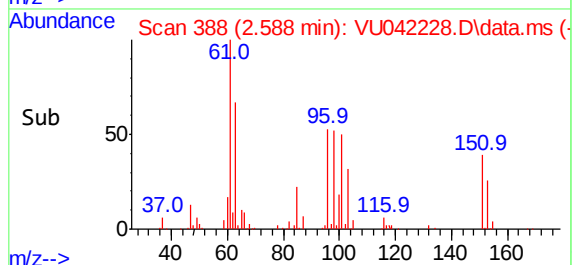
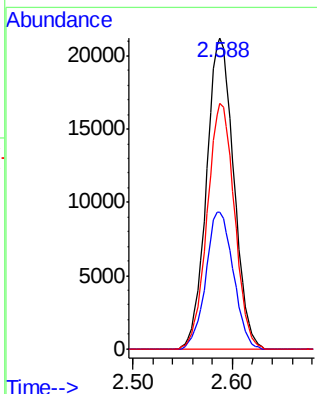
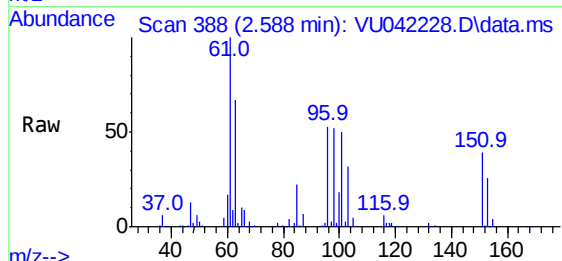




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.07 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU042228.D
 Acq: 03 Feb 2021 11:46

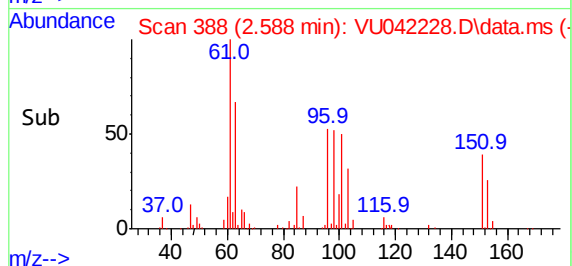
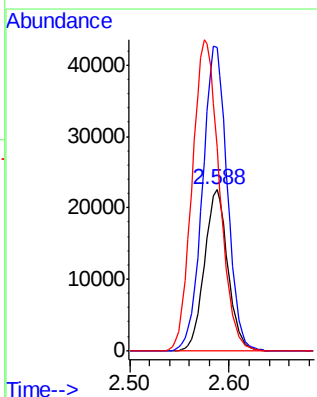
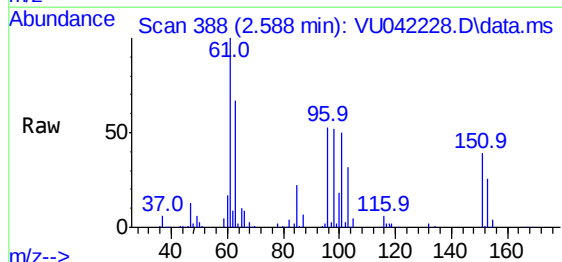
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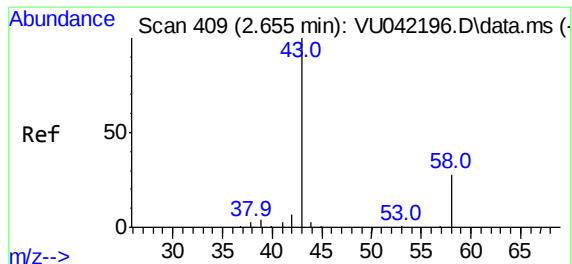
Tgt Ion:101 Resp: 40224
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.6 51.8
 151 78.7 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.76 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU042228.D
 Acq: 03 Feb 2021 11:46

Tgt Ion: 96 Resp: 36315
 Ion Ratio Lower Upper
 96 100
 61 188.7 126.2 234.4
 63 126.7 77.8 144.4

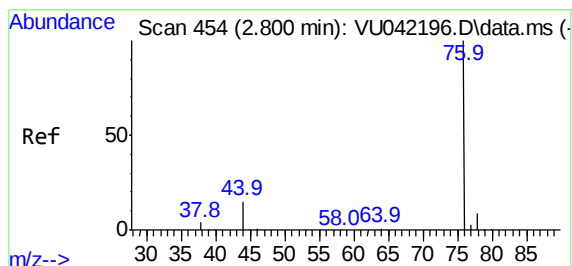
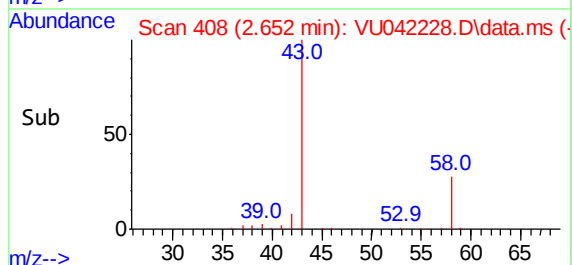
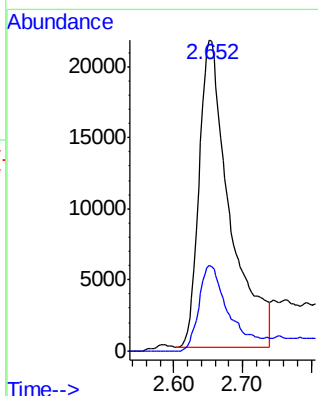
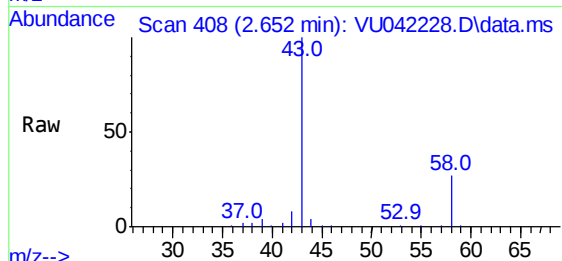




#13
Acetone
Concen: 37.84 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

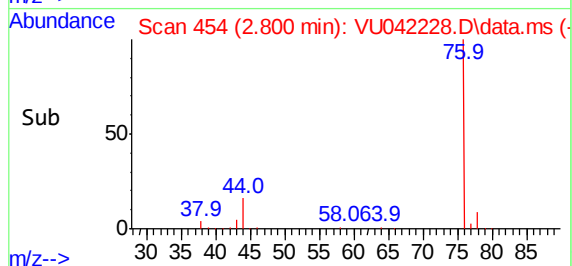
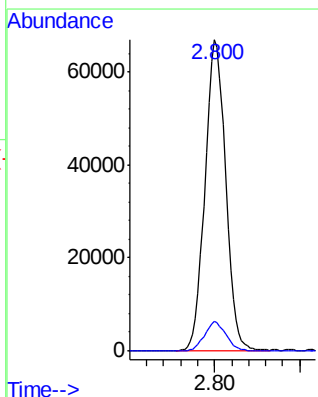
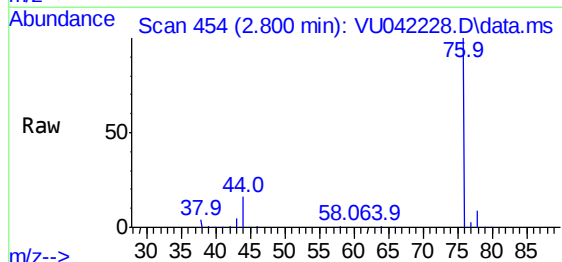
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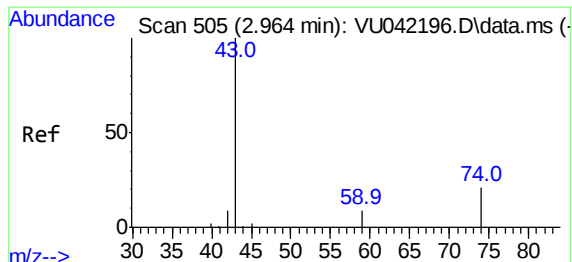
Tgt Ion: 43 Resp: 66758
Ion Ratio Lower Upper
43 100
58 27.1 0.0 55.8



#14
Carbon disulfide
Concen: 4.46 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 76 Resp: 112836
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

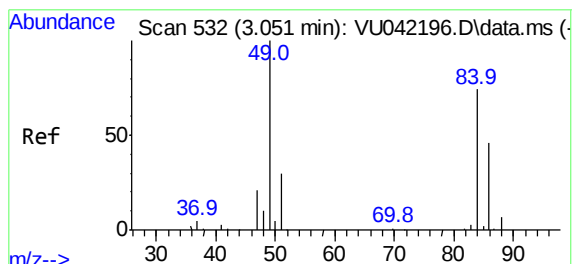
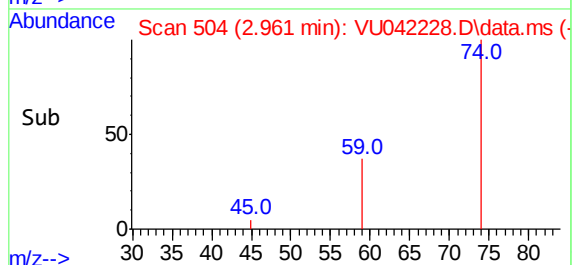
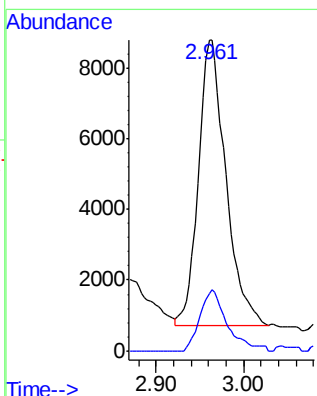
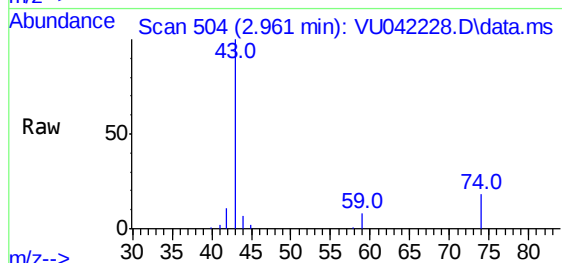




#15
Methyl Acetate
Concen: 4.19 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.007 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

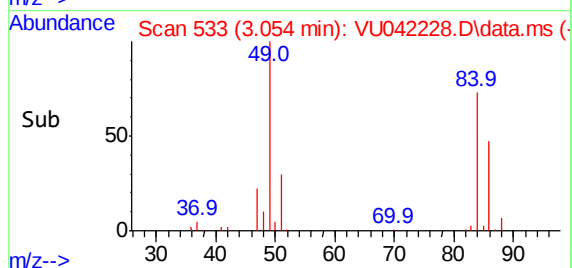
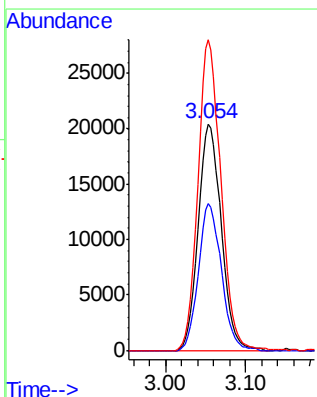
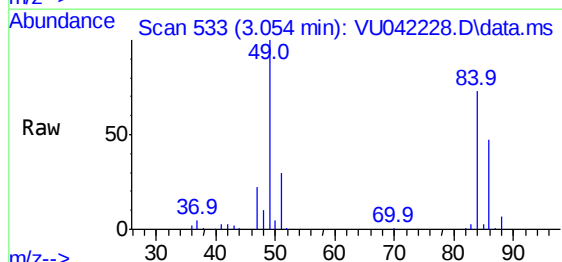
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

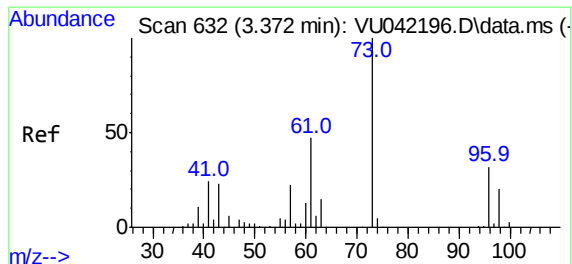
Tgt Ion: 43 Resp: 17421
Ion Ratio Lower Upper
43 100
74 21.2 16.9 25.3



#16
Methylene chloride
Concen: 4.41 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 84 Resp: 39650
Ion Ratio Lower Upper
84 100
86 64.9 44.1 81.9
49 137.0 95.0 176.4

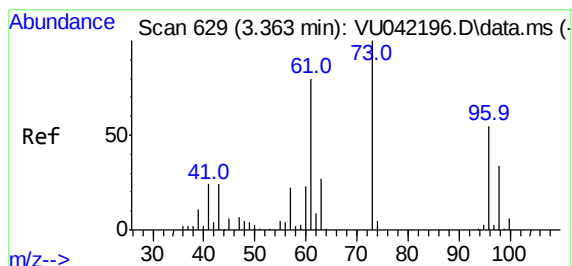
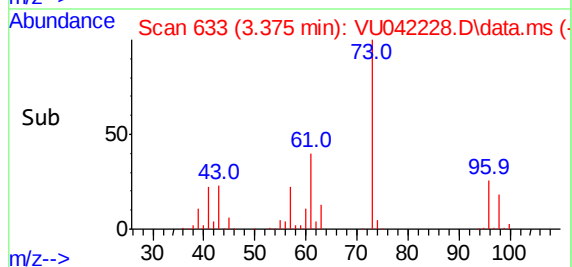
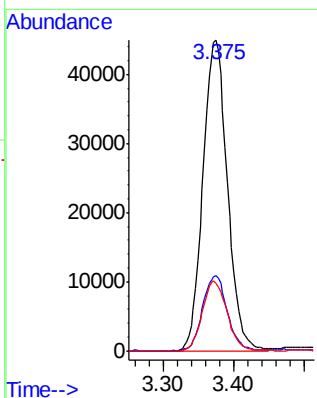
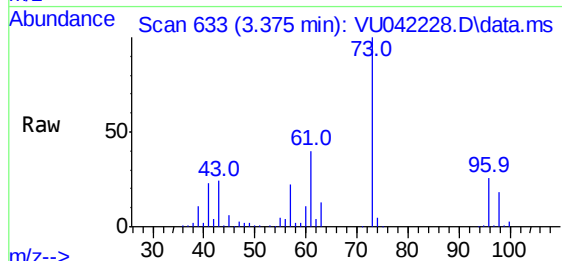




#17
Methyl tert-butyl Ether
Concen: 4.91 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

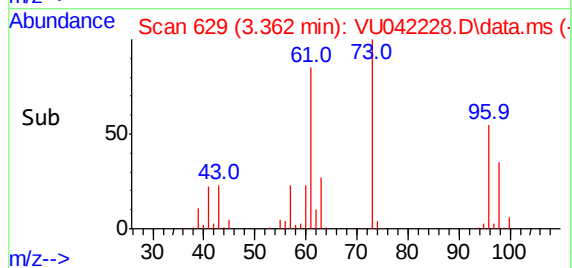
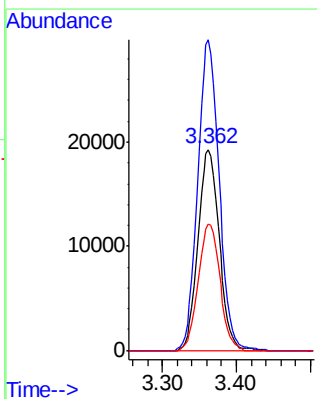
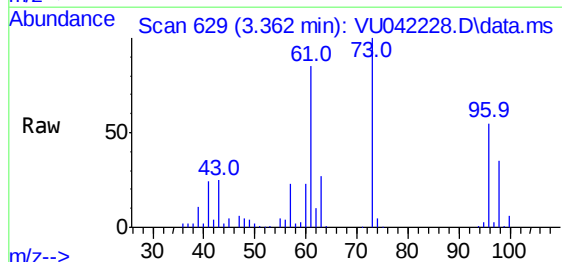
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

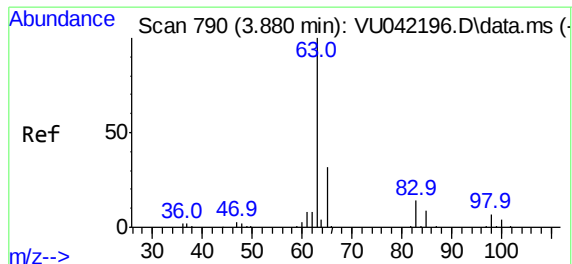
Tgt Ion: 73 Resp: 108468
Ion Ratio Lower Upper
73 100
43 24.6 18.9 28.3
57 22.7 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.73 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 96 Resp: 38410
Ion Ratio Lower Upper
96 100
61 154.5 105.7 196.3
98 62.8 42.8 79.6

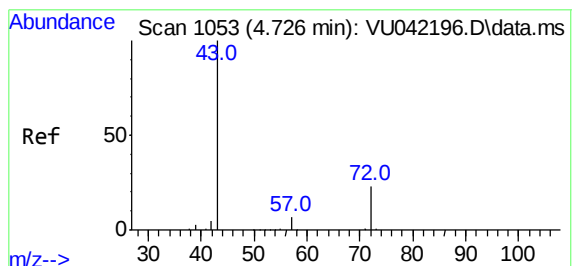
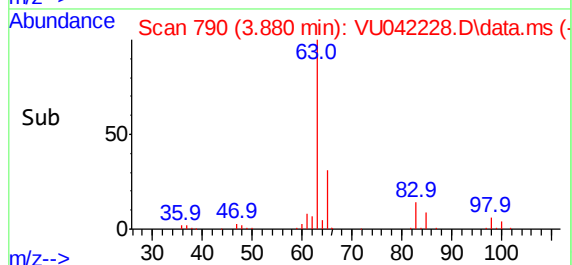
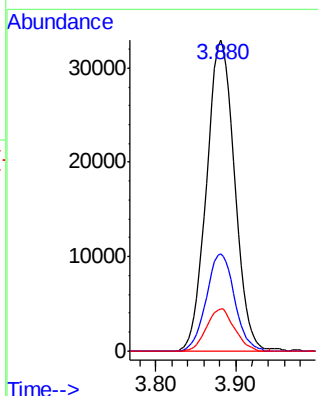
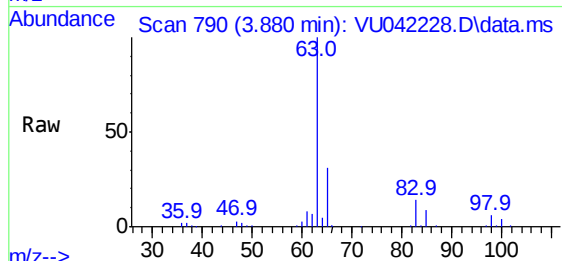




#19
1,1-Dichloroethane
Concen: 5.16 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

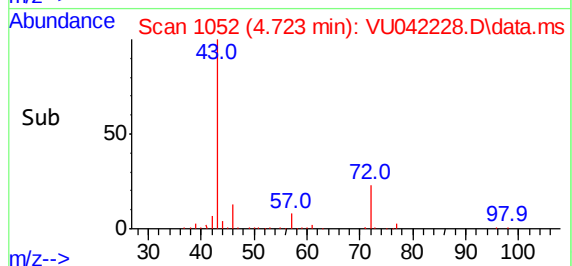
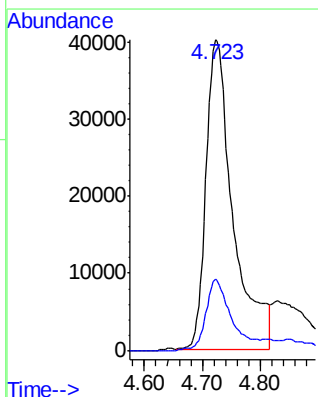
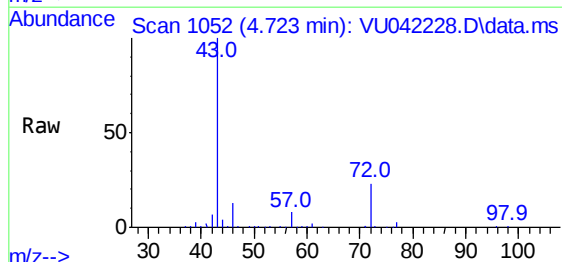
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

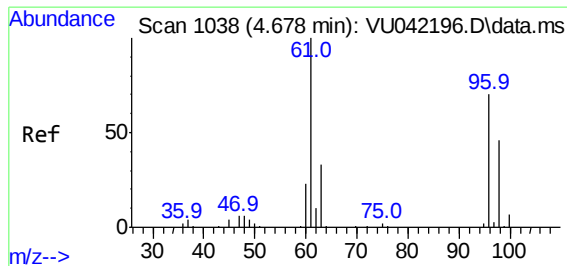
Tgt Ion: 63 Resp: 77402
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.9
83 13.6 10.1 18.7



#21
2-Butanone
Concen: 43.86 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.013 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 43 Resp: 129609
Ion Ratio Lower Upper
43 100
72 21.9 11.7 35.1



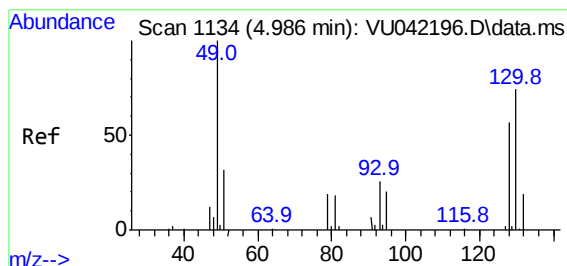
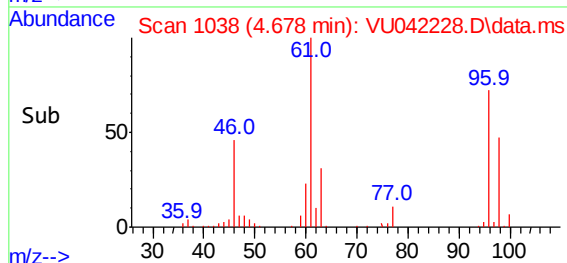
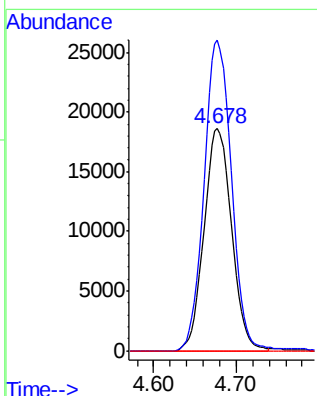
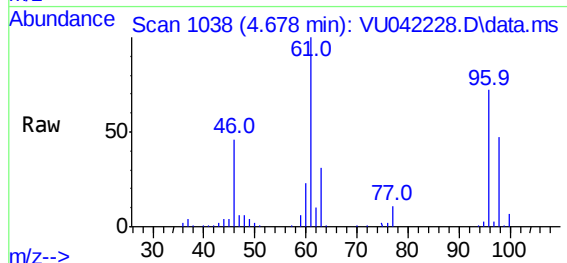


#22
cis-1,2-Dichloroethene
Concen: 4.95 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 96 Resp: 42872

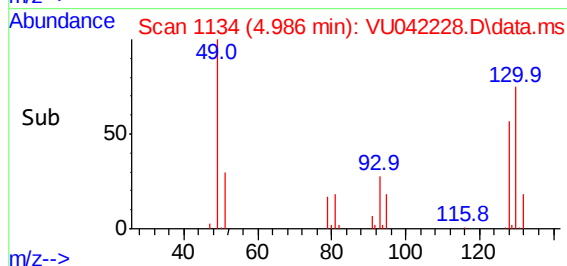
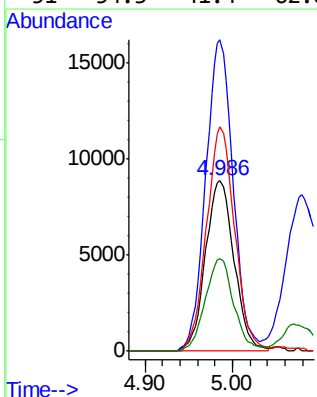
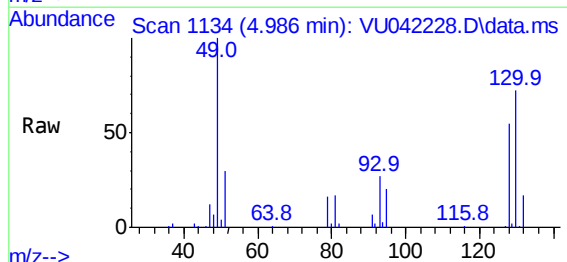
Ion	Ratio	Lower	Upper
96	100		
61	139.9	97.8	181.6
68	0.0	0.0	0.0

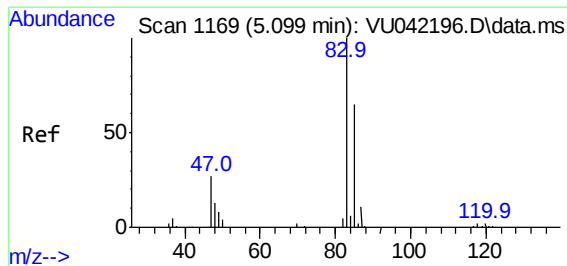


#23
Bromochloromethane
Concen: 4.97 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 128 Resp: 19877

Ion	Ratio	Lower	Upper
128	100		
49	183.3	117.7	218.7
130	131.7	87.9	163.3
51	54.3	41.4	62.0

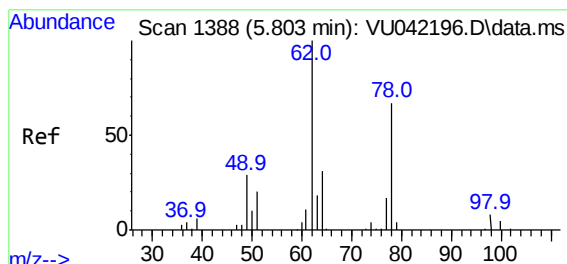
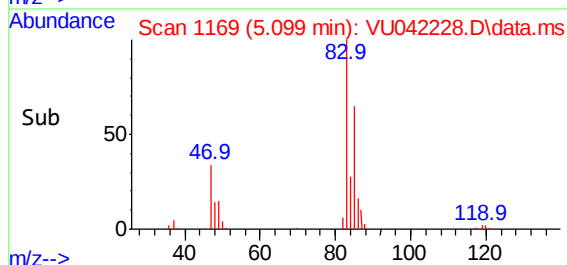
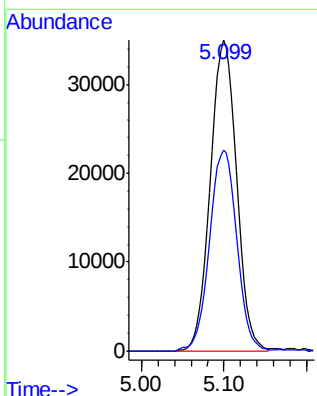
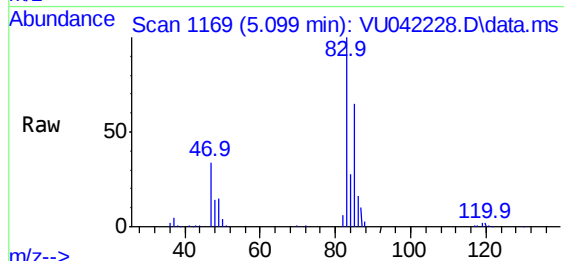




#25
Chloroform
Concen: 4.98 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

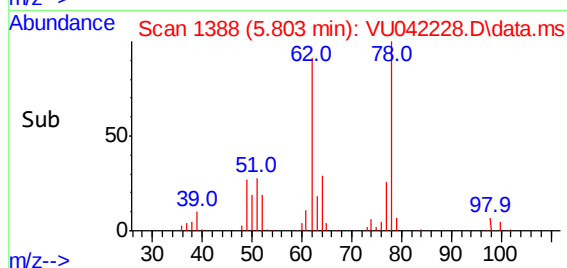
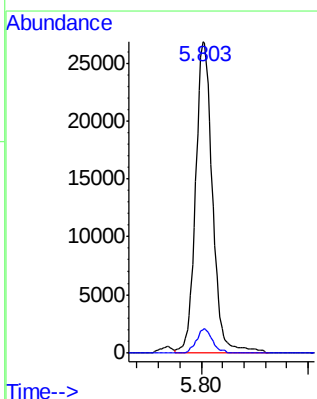
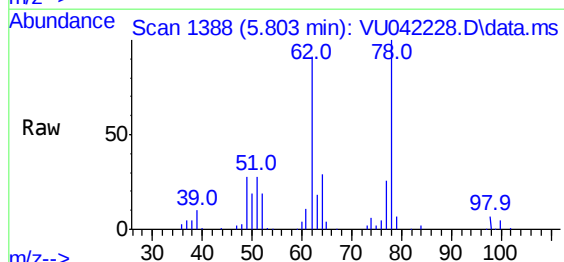
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

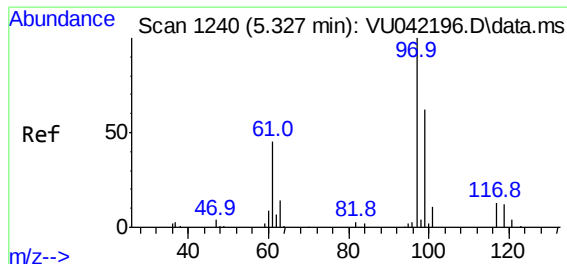
Tgt Ion: 83 Resp: 76970
Ion Ratio Lower Upper
83 100
85 64.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.31 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 62 Resp: 58286
Ion Ratio Lower Upper
62 100
98 7.4 7.3 10.9

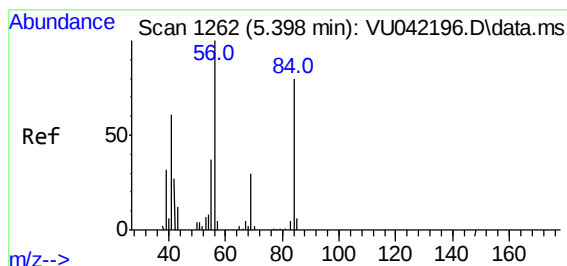
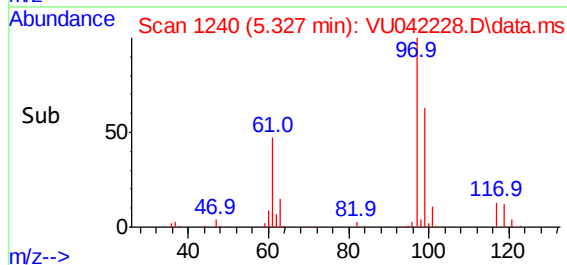
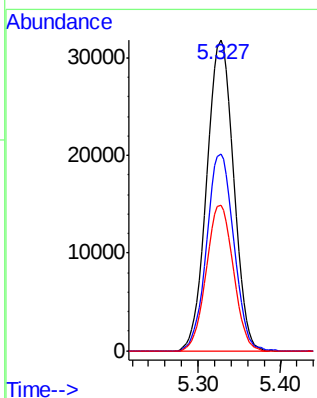
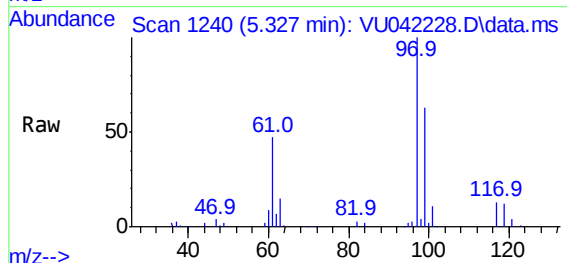




#29
1,1,1-Trichloroethane
Concen: 5.07 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

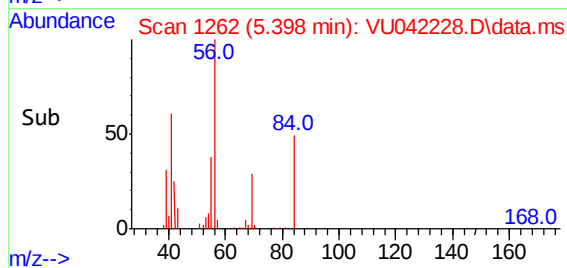
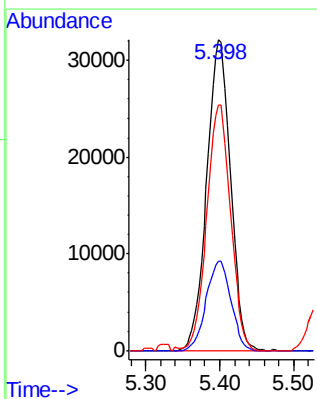
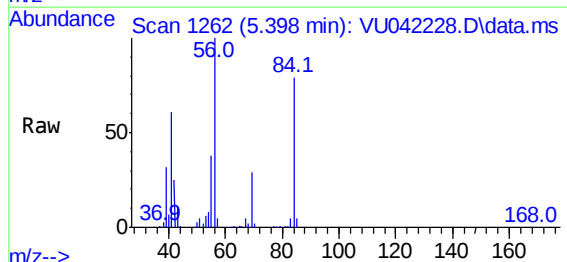
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

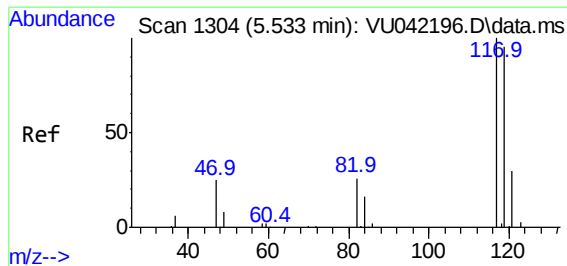
Tgt Ion: 97 Resp: 71437
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 47.2 35.8 53.6



#30
Cyclohexane
Concen: 4.74 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 56 Resp: 71658
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 79.3 65.3 97.9

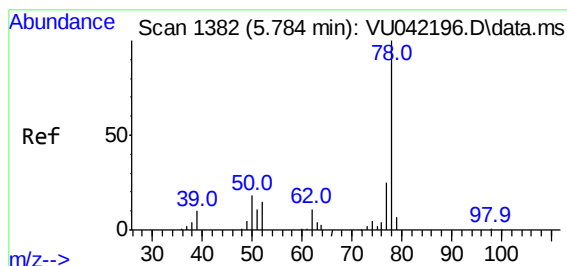
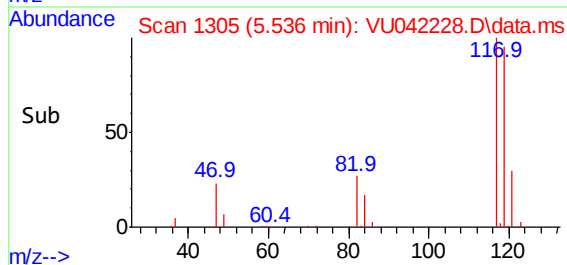
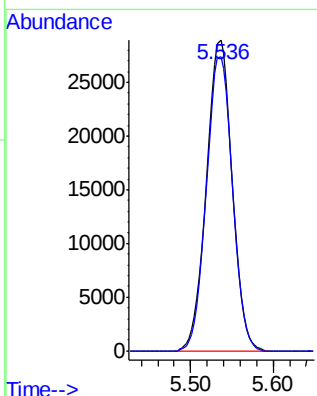
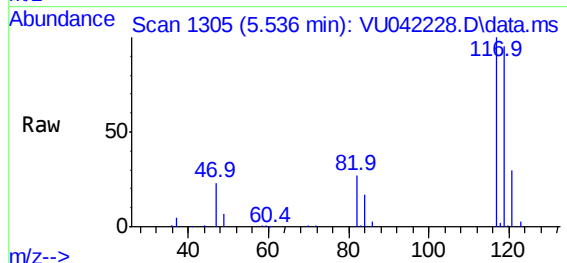




#31
Carbon tetrachloride
Concen: 5.00 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

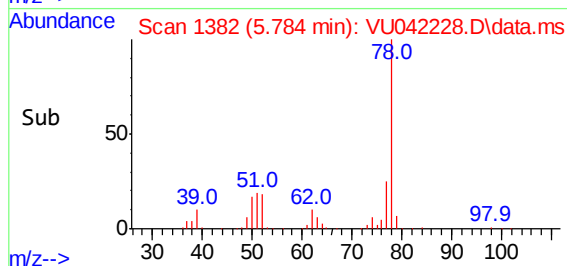
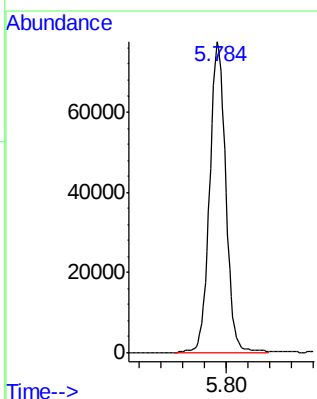
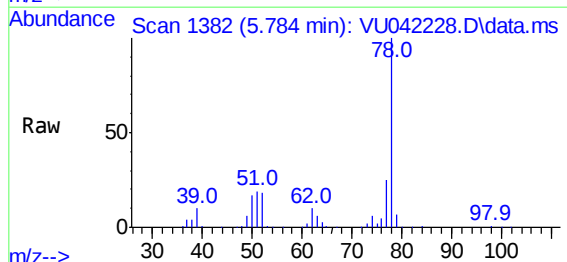
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

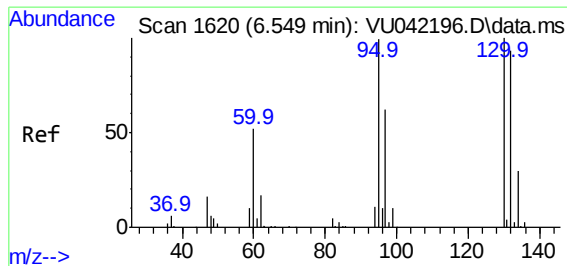
Tgt Ion:117 Resp: 61991
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4



#33
Benzene
Concen: 5.07 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 78 Resp: 159403

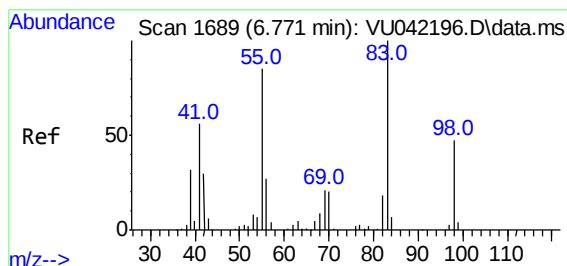
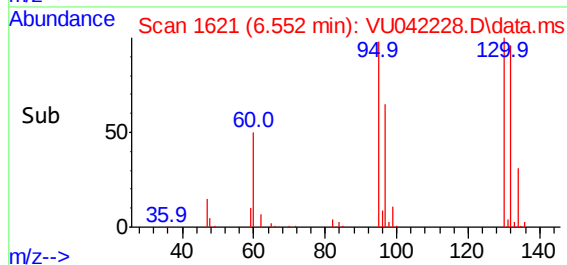
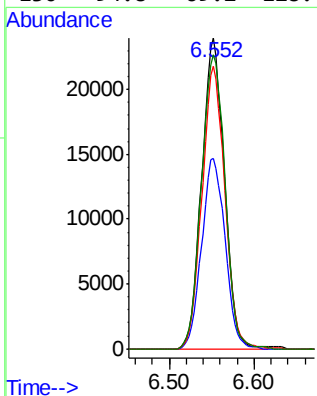
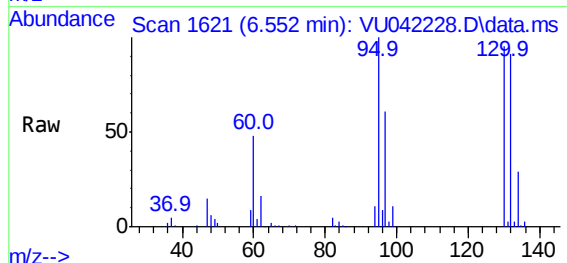




#34
Trichloroethene
Concen: 5.21 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

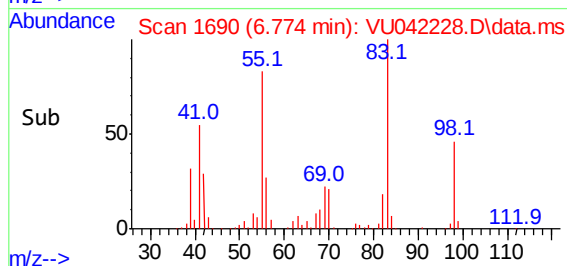
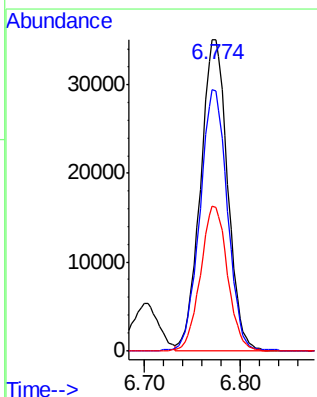
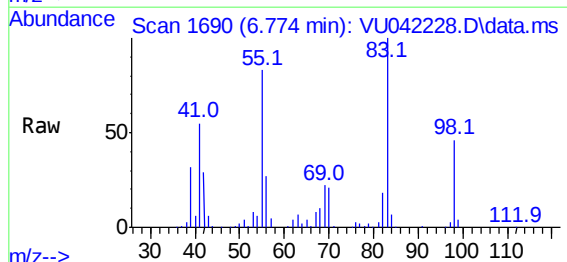
Instrument :
MSVOA_U
ClientSampleId :
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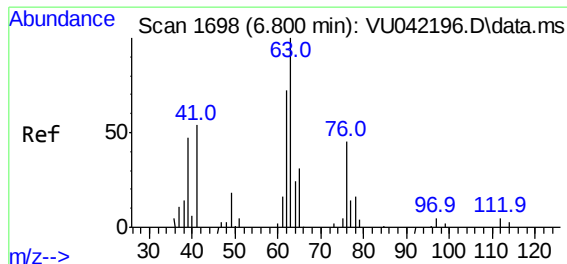
Tgt Ion: 95 Resp: 44180
Ion Ratio Lower Upper
95 100
97 61.4 44.4 82.4
132 91.2 68.0 126.4
130 94.8 69.2 128.4



#35
Methylcyclohexane
Concen: 4.80 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 83 Resp: 68289
Ion Ratio Lower Upper
83 100
55 84.8 68.2 102.4
98 46.0 39.7 59.5

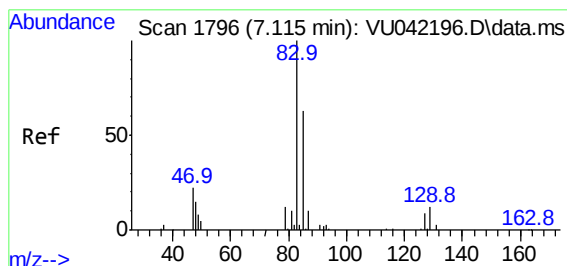
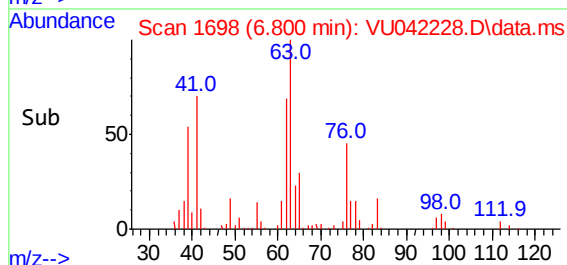
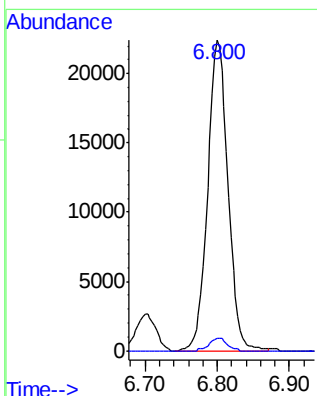
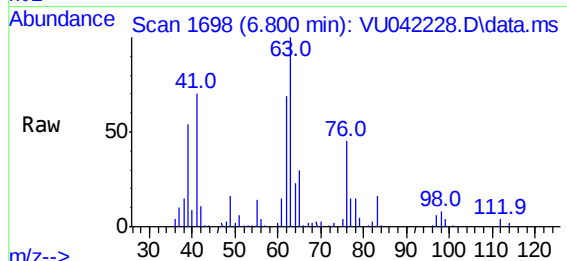




#37
1,2-Dichloropropane
Concen: 5.26 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

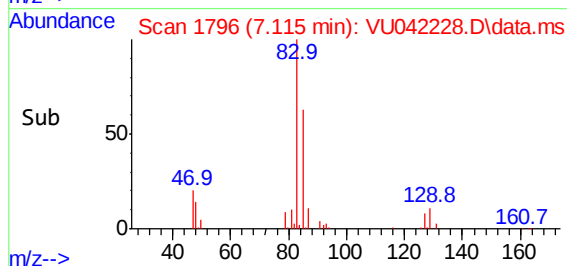
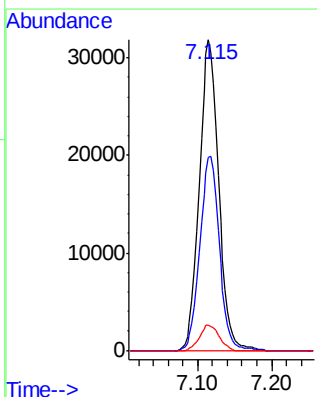
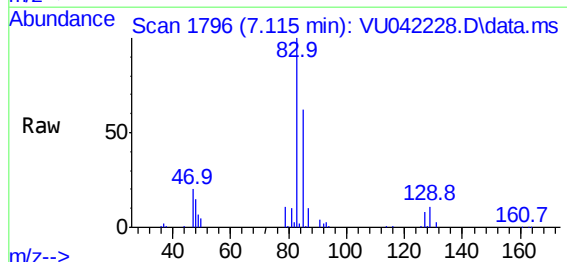
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

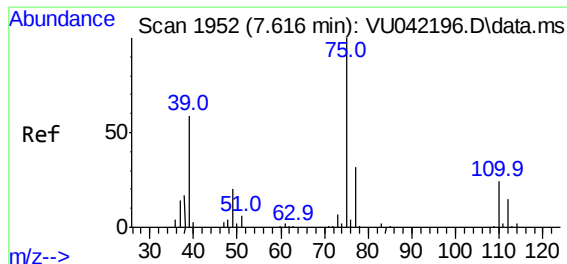
Tgt Ion: 63 Resp: 43592
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.05 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 83 Resp: 57754
Ion Ratio Lower Upper
83 100
85 62.1 46.0 85.4
127 8.0 6.8 10.2

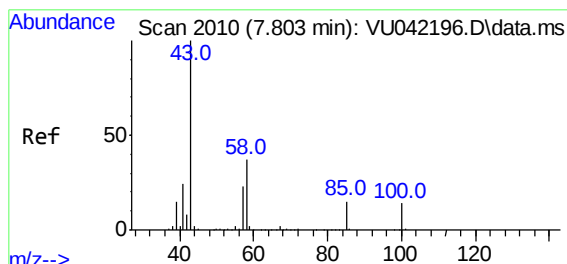
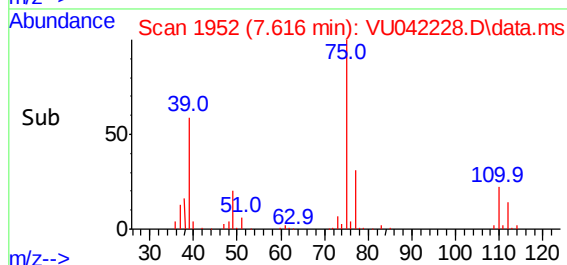
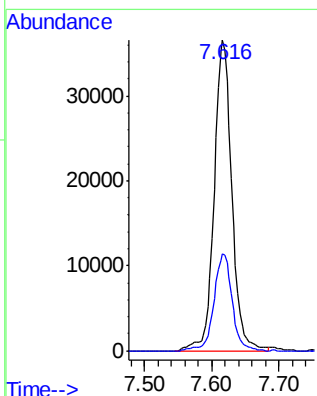
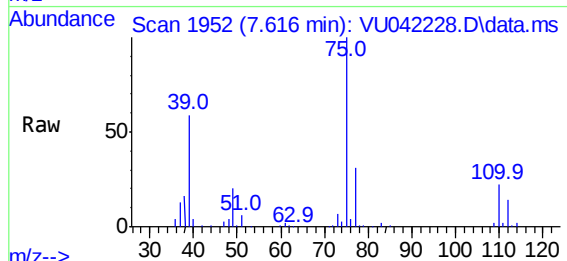




#39
 cis-1,3-Dichloropropene
 Concen: 4.92 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU042228.D
 Acq: 03 Feb 2021 11:46

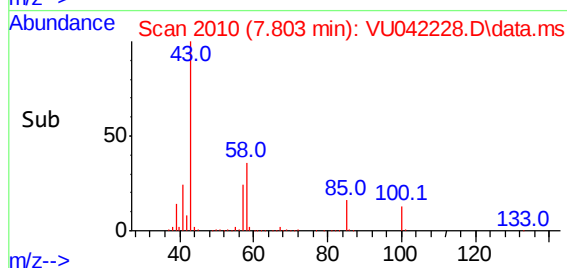
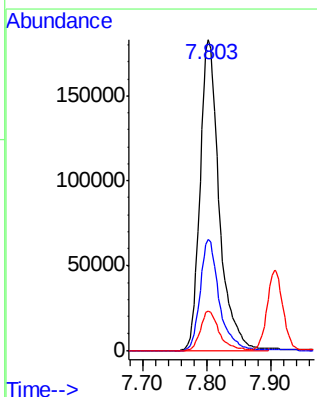
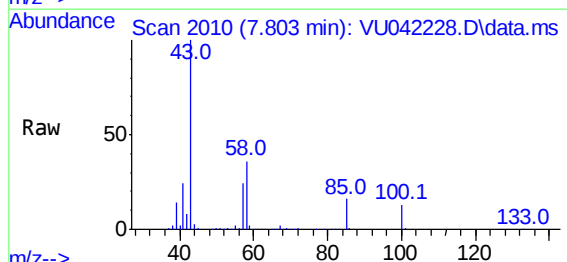
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

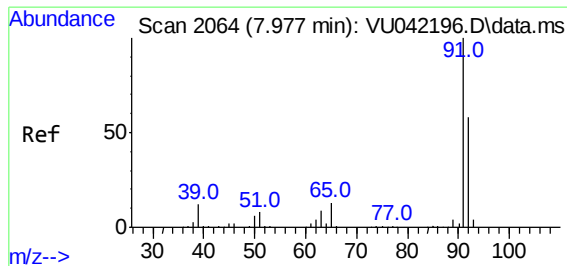
Tgt Ion: 75 Resp: 67015
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 53.22 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: VU042228.D
 Acq: 03 Feb 2021 11:46

Tgt Ion: 43 Resp: 376913
 Ion Ratio Lower Upper
 43 100
 58 35.3 29.1 43.7
 100 12.5 11.0 16.4





#42

Toluene

Concen: 5.05 ug/L

RT: 7.980 min Scan# 2065

Delta R.T. 0.003 min

Lab File: VU042228.D

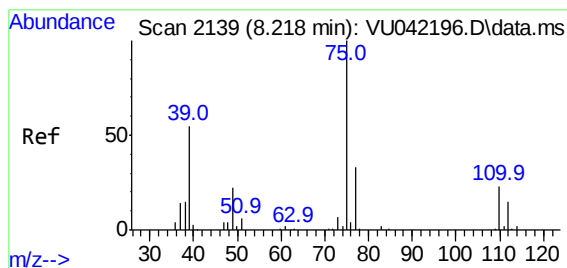
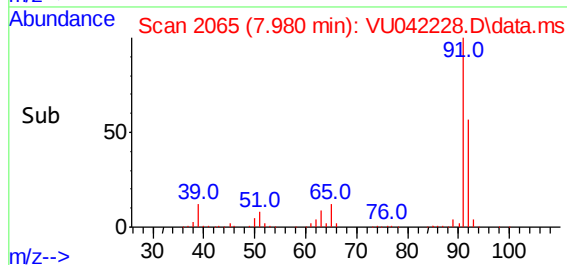
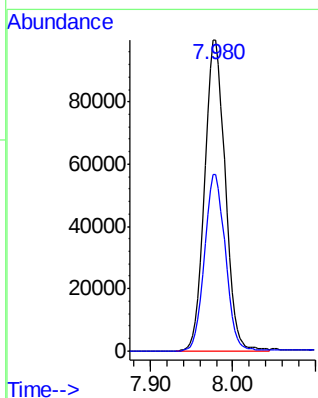
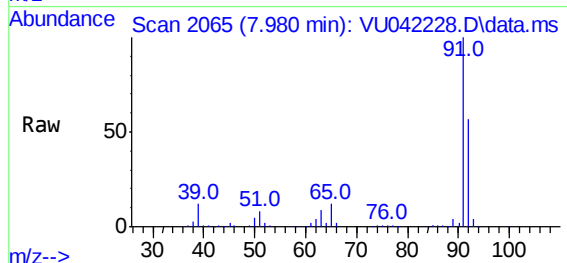
Acq: 03 Feb 2021 11:46

Tgt Ion: 91 Resp: 171980

Ion Ratio Lower Upper

91 100

92 56.6 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 4.88 ug/L

RT: 8.221 min Scan# 2140

Delta R.T. 0.003 min

Lab File: VU042228.D

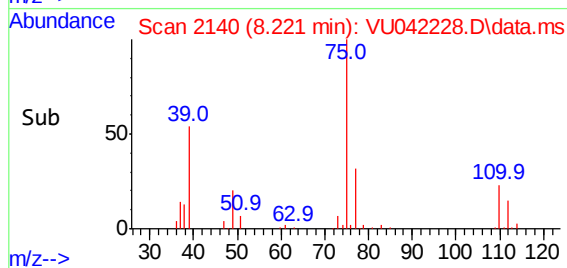
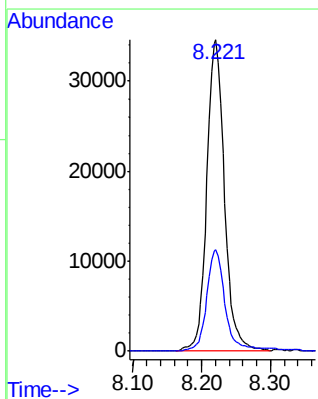
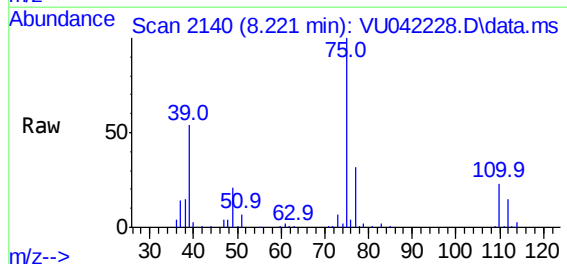
Acq: 03 Feb 2021 11:46

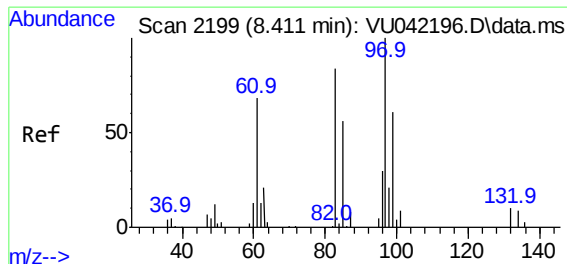
Tgt Ion: 75 Resp: 60882

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4



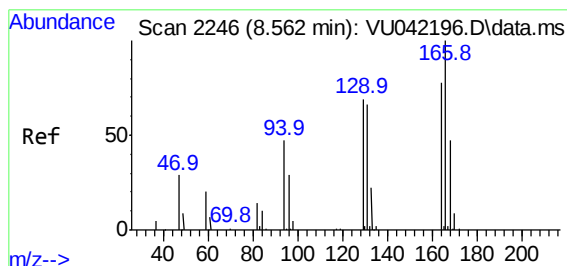
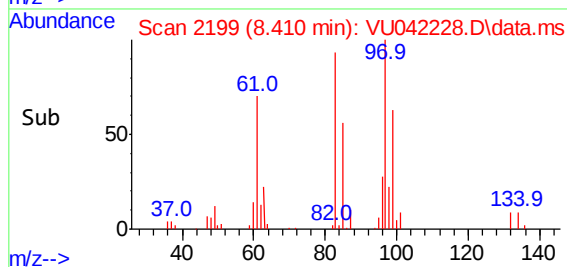
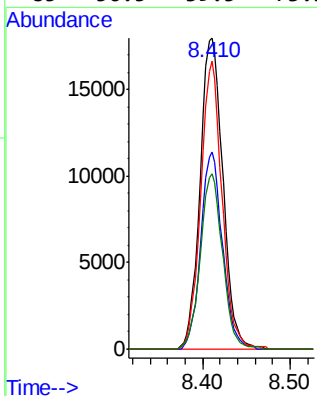
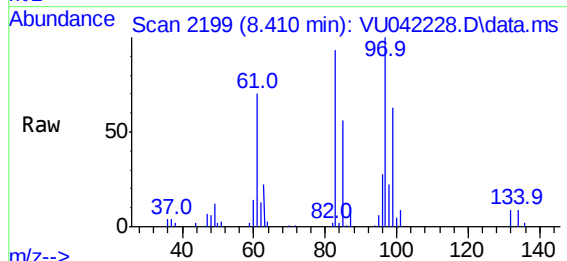


#45
1,1,2-Trichloroethane
Concen: 5.28 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 97 Resp: 32379

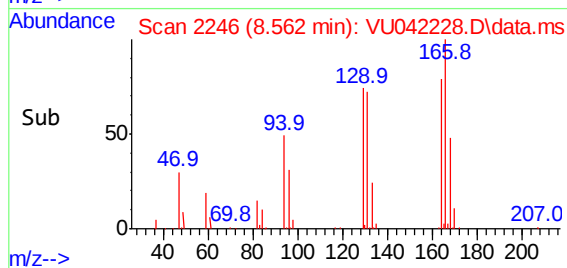
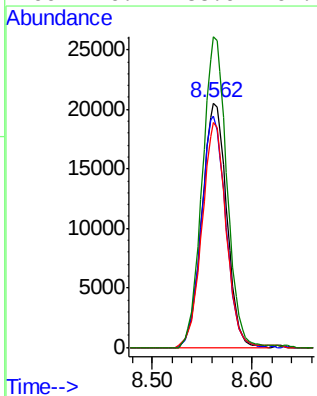
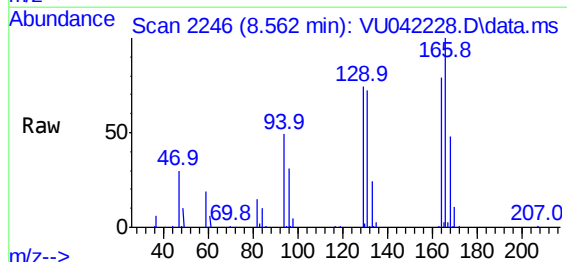
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.0	81.8
83	92.6	57.6	107.0
85	56.5	39.5	73.3

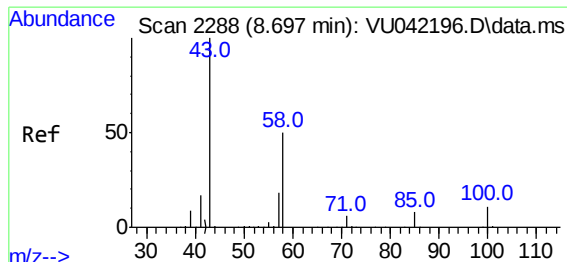


#47
Tetrachloroethene
Concen: 4.99 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 164 Resp: 35205

Ion	Ratio	Lower	Upper
164	100		
129	94.5	64.3	119.5
131	91.8	62.2	115.6
166	126.9	88.6	164.6



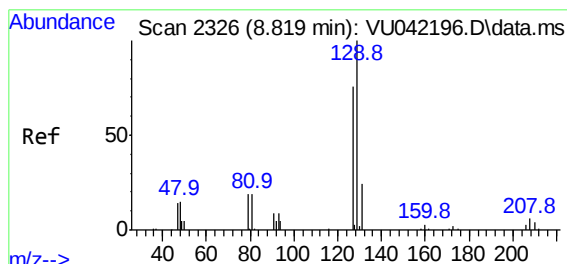
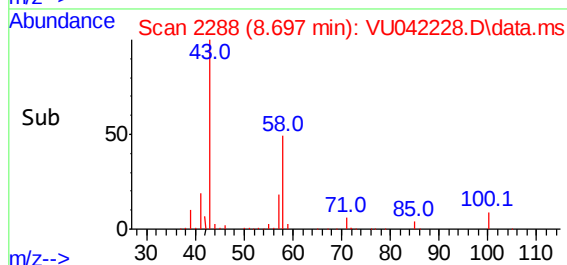
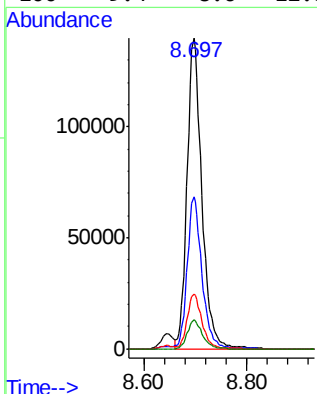
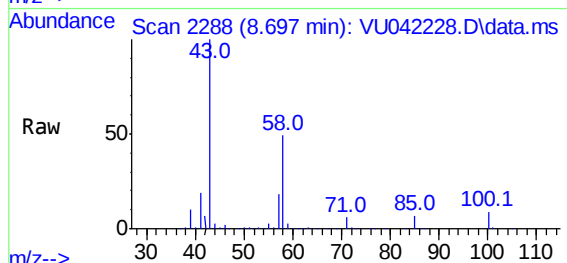


#48
2-Hexanone
Concen: 56.49 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 43 Resp: 278146

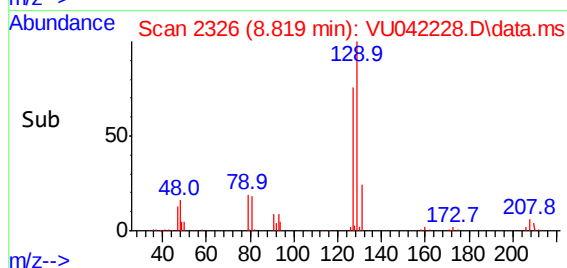
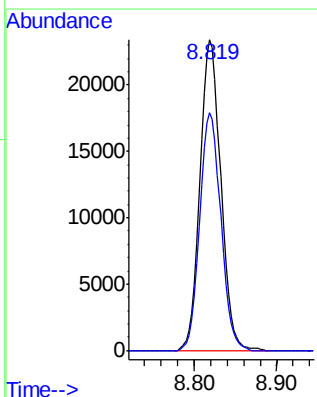
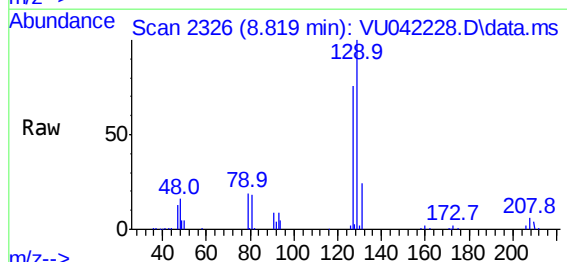
Ion	Ratio	Lower	Upper
43	100		
58	48.1	40.6	61.0
57	17.3	14.9	22.3
100	9.4	8.6	12.8

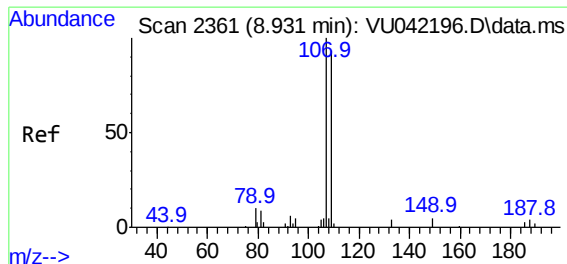


#49
Dibromochloromethane
Concen: 5.03 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 129 Resp: 40969

Ion	Ratio	Lower	Upper
129	100		
127	76.4	52.3	97.1

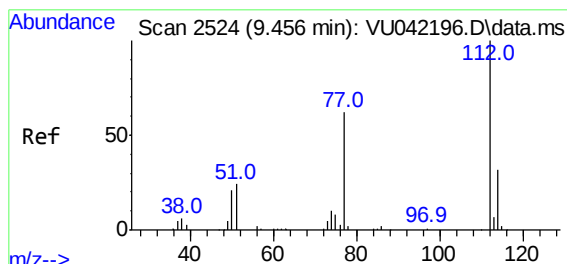
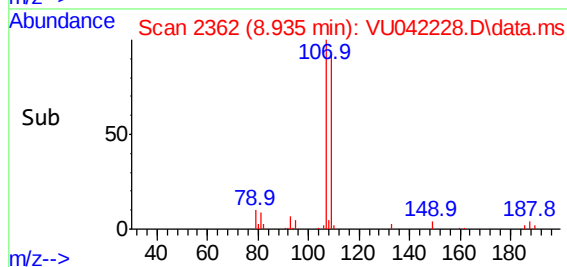
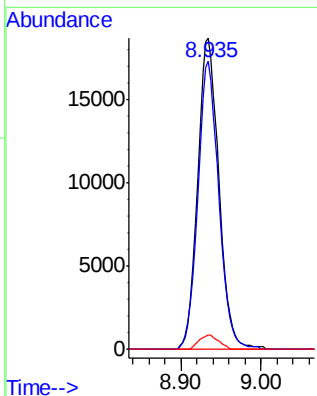
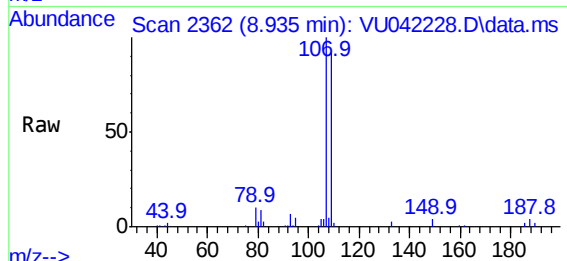




#50
1,2-Dibromoethane
Concen: 5.20 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

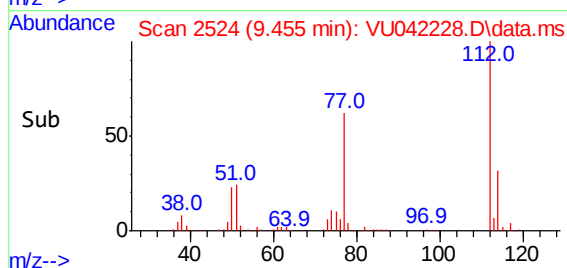
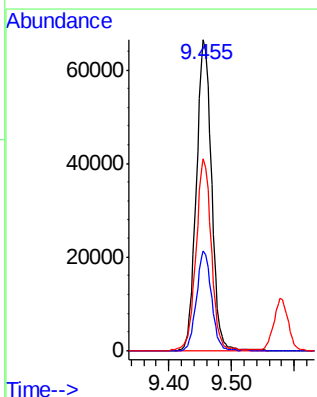
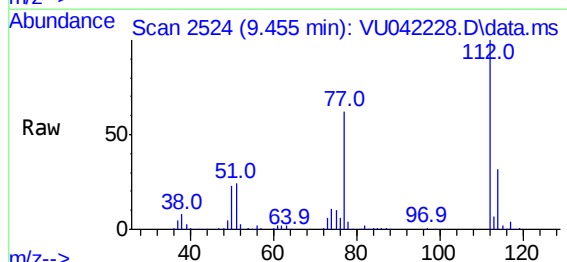
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

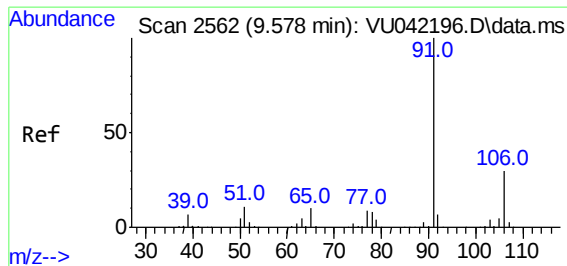
Tgt Ion:107 Resp: 32909
Ion Ratio Lower Upper
107 100
109 92.4 65.5 121.6
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 5.07 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion:112 Resp: 110292
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 61.6 49.8 74.6

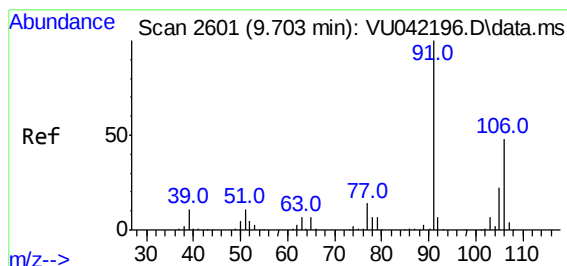
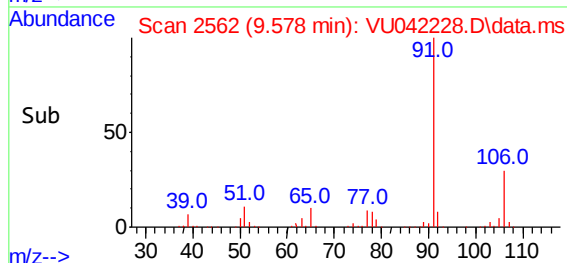
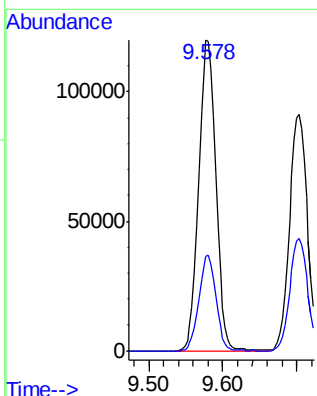
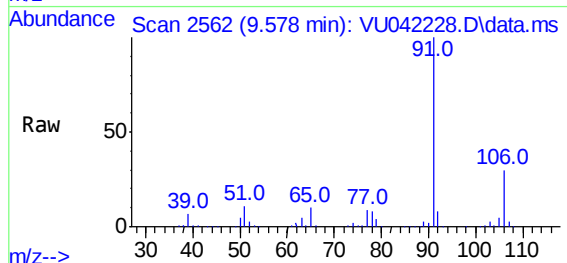




#52
Ethylbenzene
Concen: 4.98 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

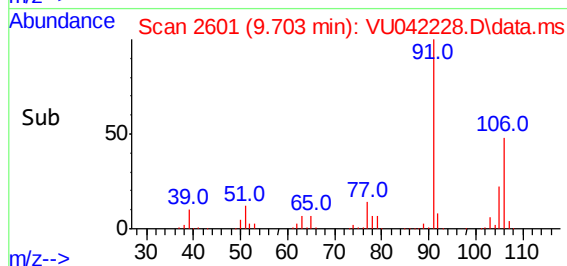
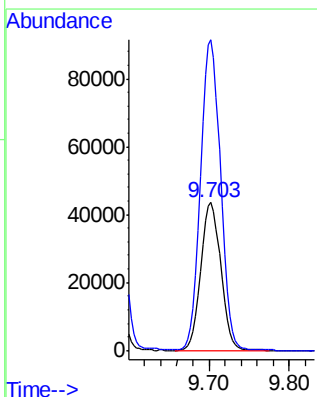
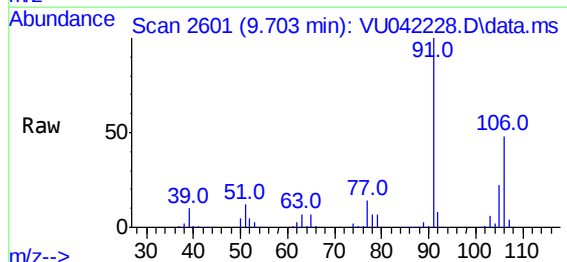
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

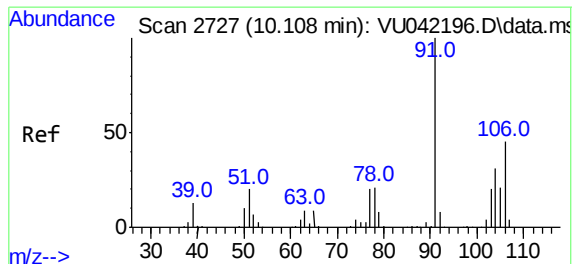
Tgt Ion: 91 Resp: 194287
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.3



#53
m,p-Xylene
Concen: 5.00 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 106 Resp: 73035
Ion Ratio Lower Upper
106 100
91 210.3 145.1 269.5

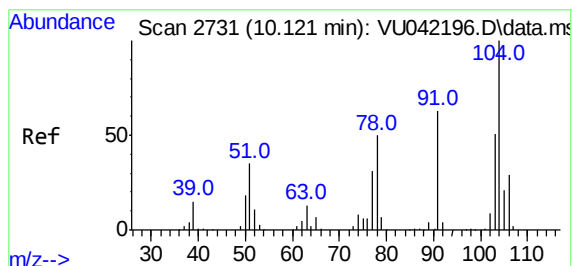
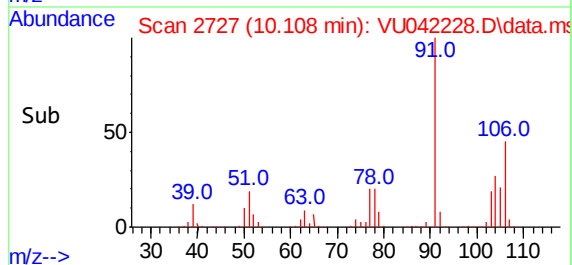
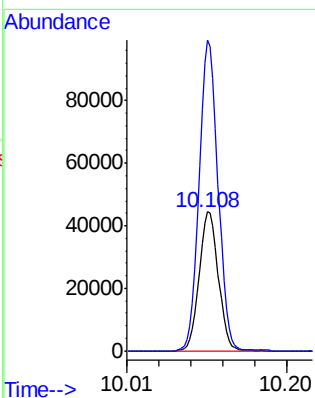
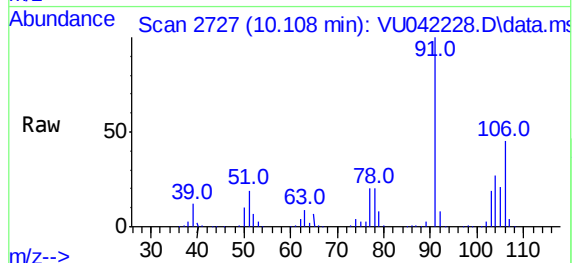




#54
o-Xylene
Concen: 5.07 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

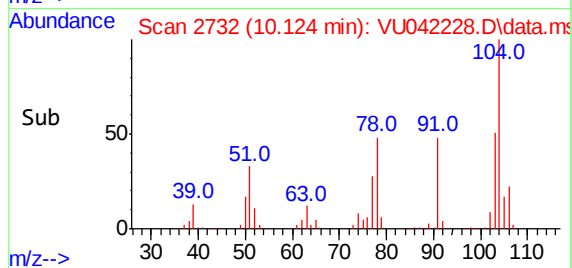
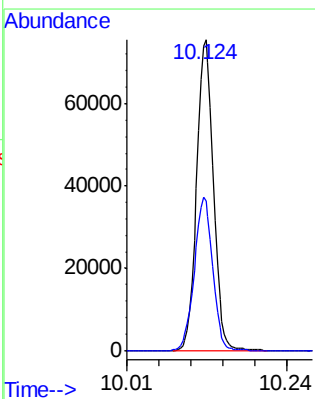
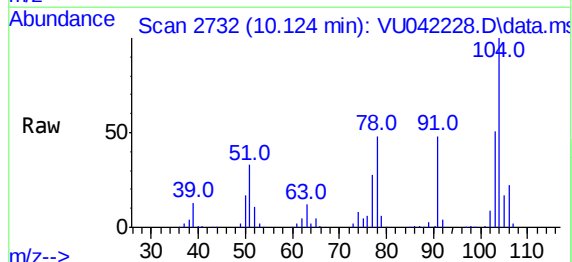
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

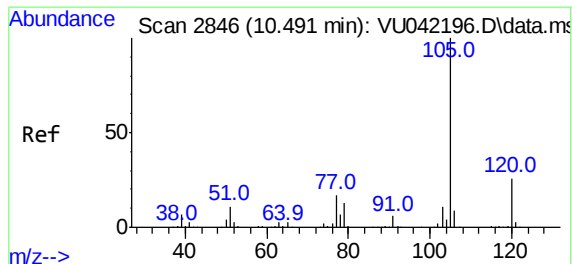
Tgt Ion:106 Resp: 71867
Ion Ratio Lower Upper
106 100
91 223.5 153.0 284.2



#55
Styrene
Concen: 4.98 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion:104 Resp: 121467
Ion Ratio Lower Upper
104 100
78 48.3 34.9 64.7

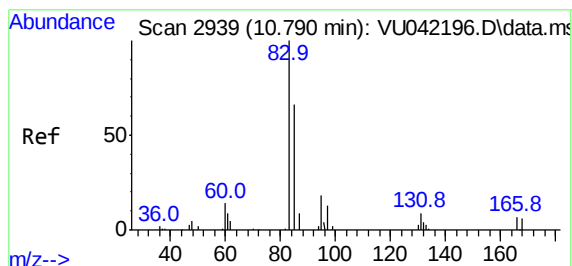
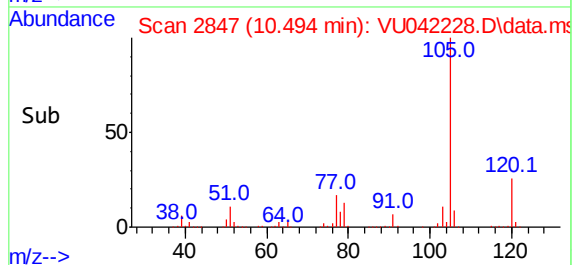
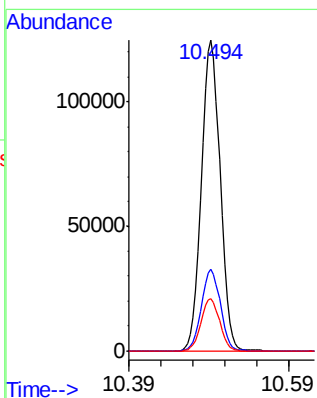
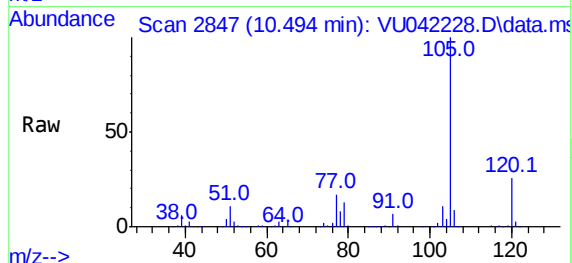




#56
Isopropylbenzene
Concen: 4.99 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

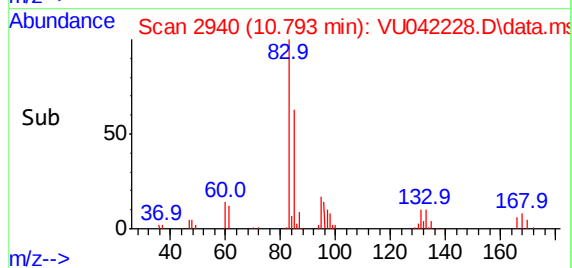
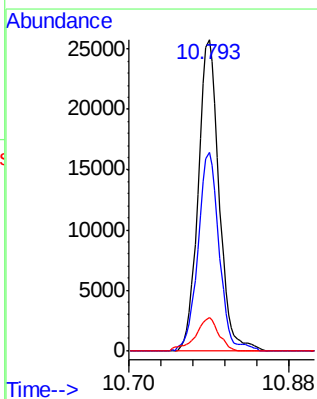
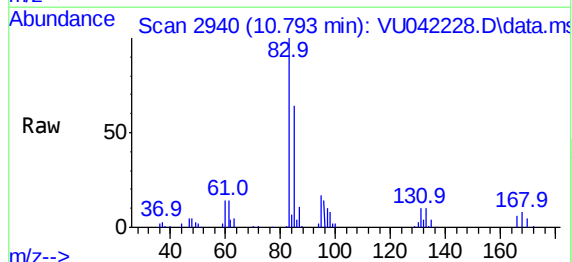
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

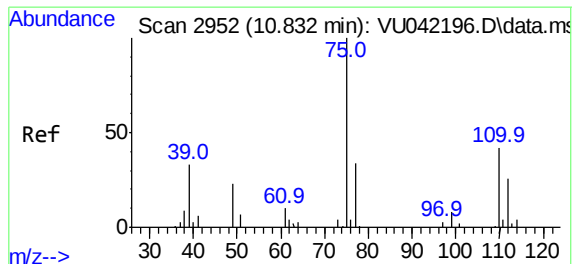
Tgt Ion:105 Resp: 195238
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 16.5 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.42 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 83 Resp: 42453
Ion Ratio Lower Upper
83 100
85 63.7 44.4 82.4
131 10.4 8.6 12.8

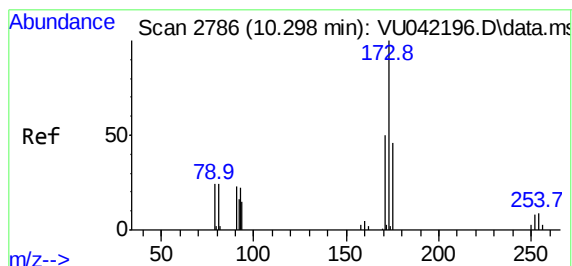
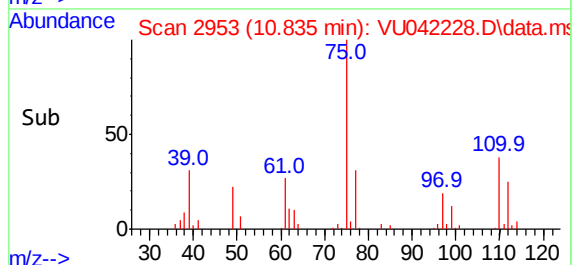
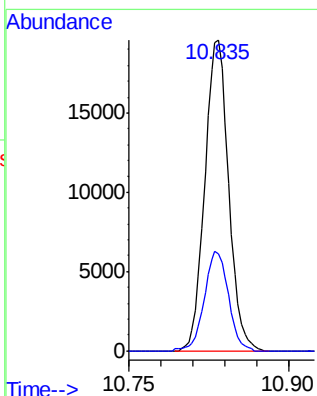
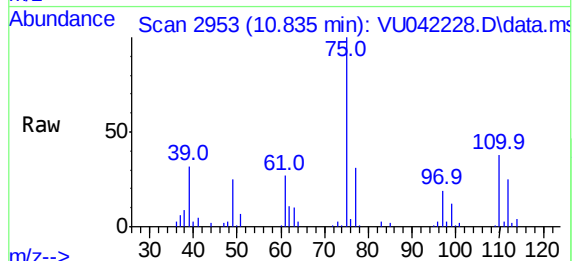




#59
1,2,3-Trichloropropane
Concen: 5.36 ug/L
RT: 10.835 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

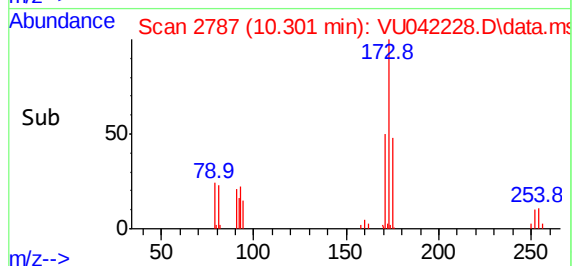
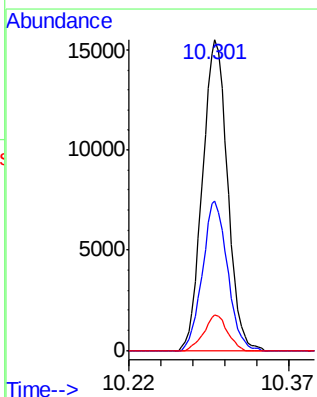
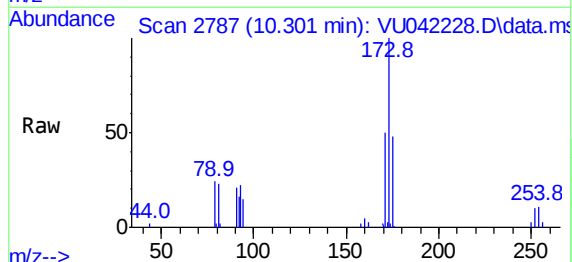
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

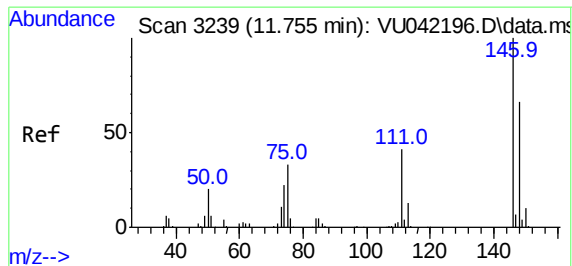
Tgt Ion: 75 Resp: 31315
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0



#61
Bromoform
Concen: 4.74 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 173 Resp: 25961
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 10.7 7.9 11.9

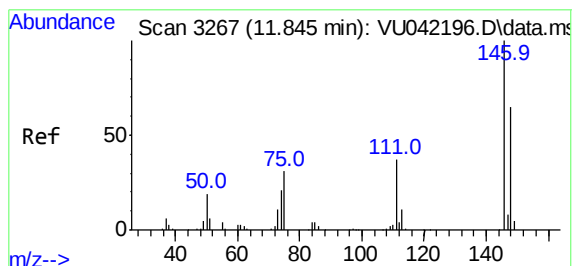
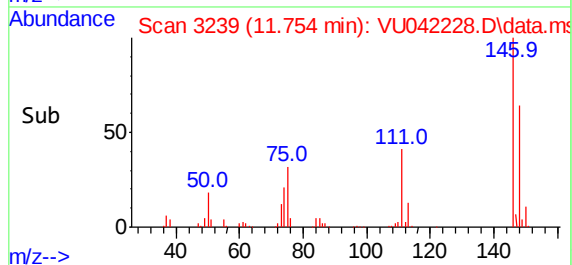
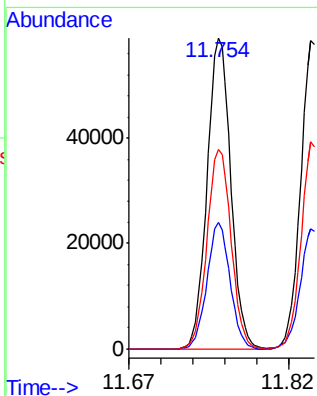
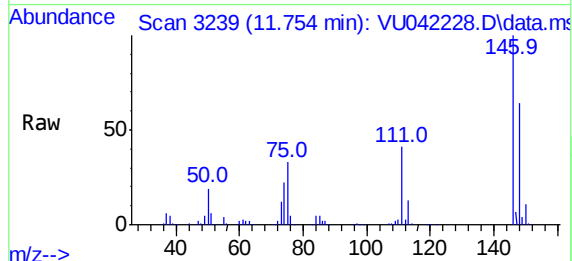




#62
1,3-Dichlorobenzene
Concen: 4.96 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

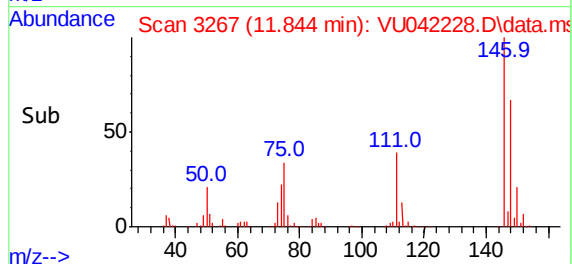
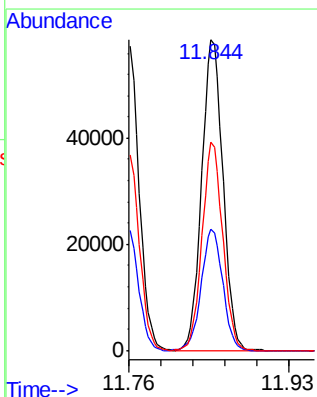
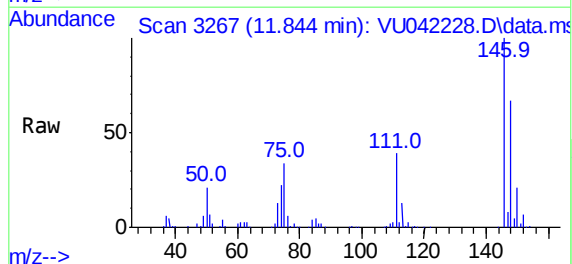
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

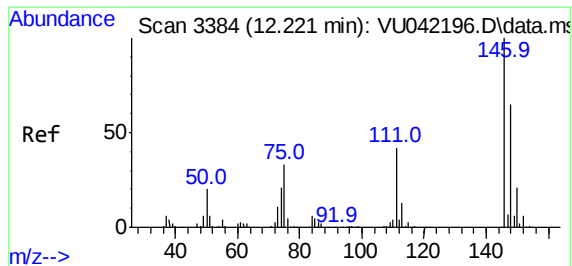
Tgt Ion:146 Resp: 93769
Ion Ratio Lower Upper
146 100
111 40.6 27.2 50.4
148 64.2 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.91 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion:146 Resp: 92818
Ion Ratio Lower Upper
146 100
111 39.0 25.8 47.8
148 67.0 44.1 81.9

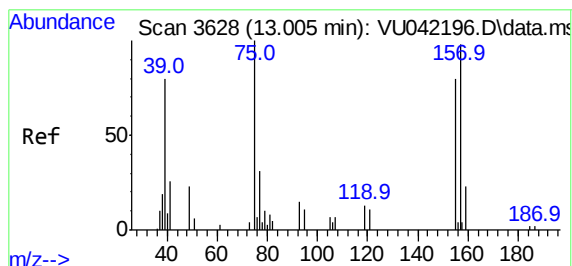
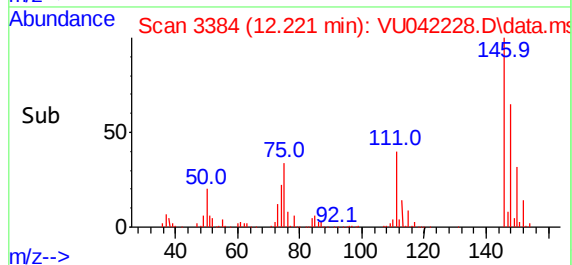
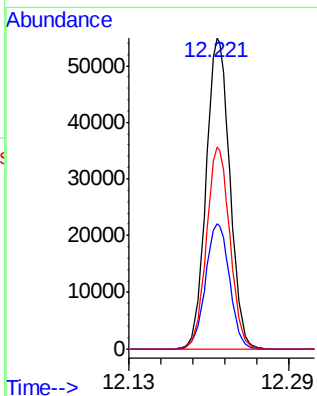
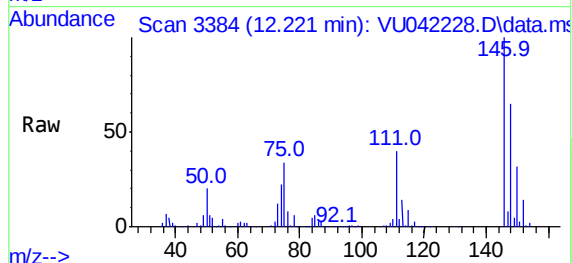




#65
1,2-Dichlorobenzene
Concen: 5.11 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

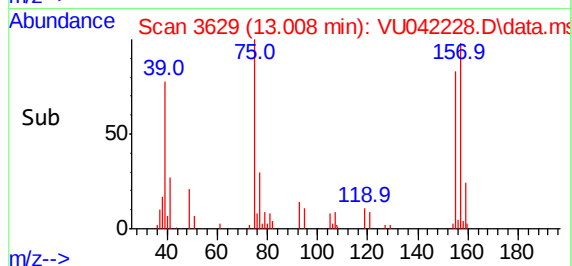
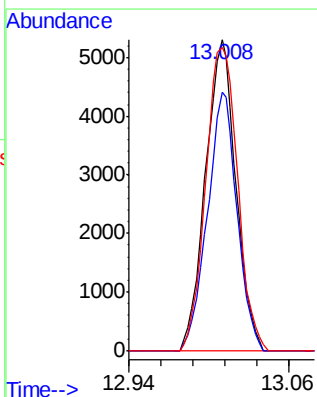
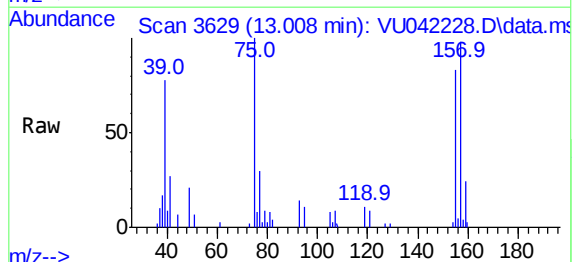
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

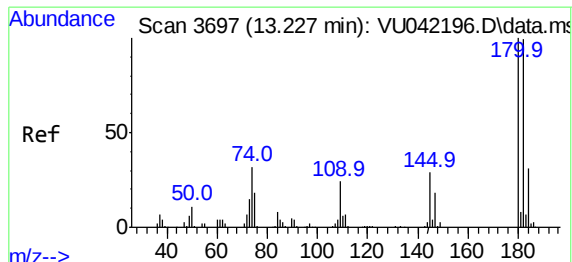
Tgt Ion:146 Resp: 89815
Ion Ratio Lower Upper
146 100
111 40.3 32.7 49.1
148 64.9 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.40 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion: 75 Resp: 8477
Ion Ratio Lower Upper
75 100
155 83.1 69.0 103.6
157 97.6 91.0 136.6

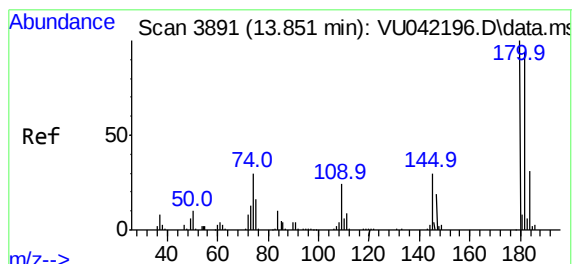
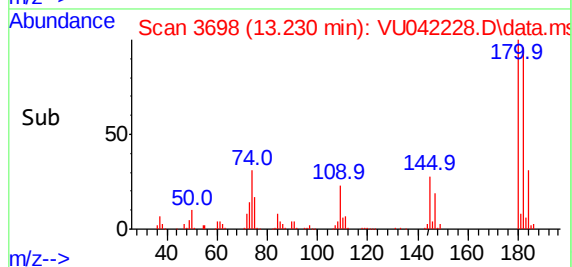
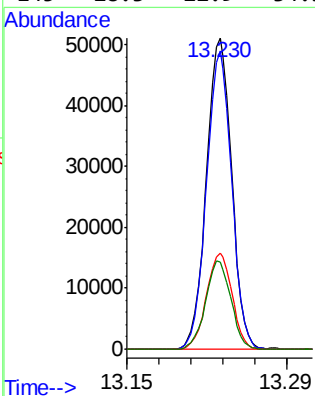
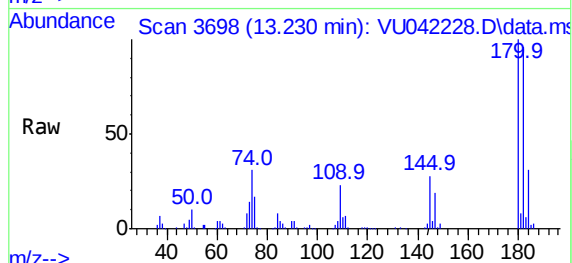




#67
1,3,5-Trichlorobenzene
Concen: 5.31 ug/L
RT: 13.230 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

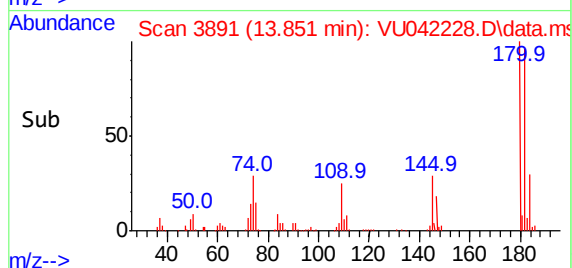
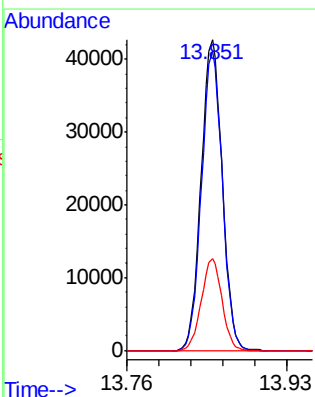
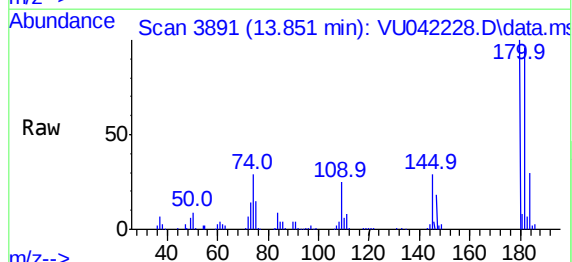
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

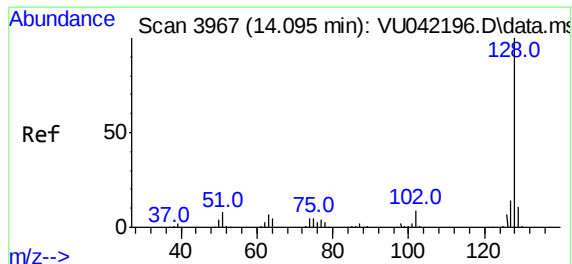
Tgt Ion:180 Resp: 80360
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
184 31.1 23.9 35.9
145 28.3 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 5.62 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion:180 Resp: 67267
Ion Ratio Lower Upper
180 100
182 95.1 76.3 114.5
145 28.7 23.7 35.5

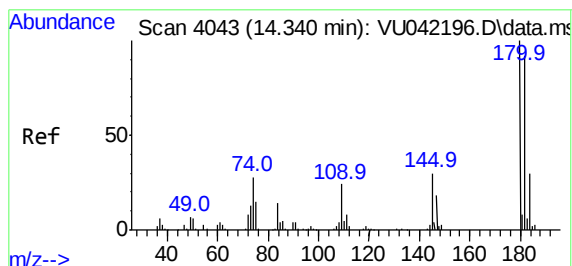
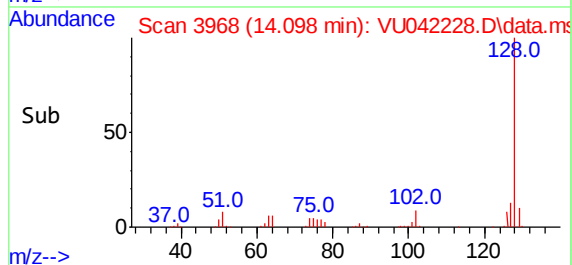
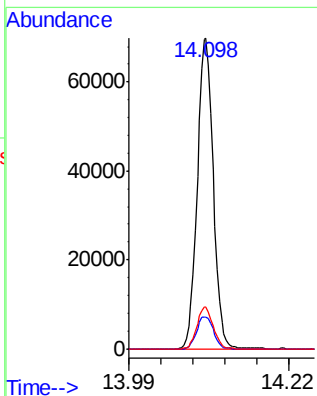
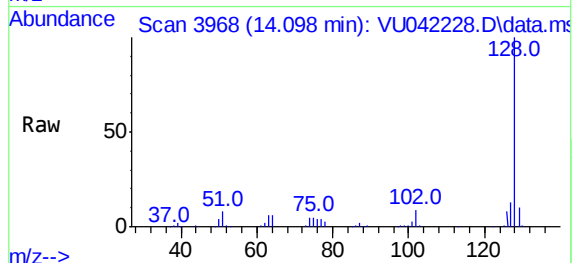




#69
Naphthalene
Concen: 6.43 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion:128 Resp: 112613
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.53 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042228.D
Acq: 03 Feb 2021 11:46

Tgt Ion:180 Resp: 58631
Ion Ratio Lower Upper
180 100
182 98.3 75.6 113.4
145 31.0 24.7 37.1

