

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042247.D
 Acq On : 03 Feb 2021 21:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Feb 04 04:28:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	97624	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	50447	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30742	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	1.919	69	25506	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.60%			
11) 1,1-Dichloroethene-d2	2.575	63	73524	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.00%			
20) 2-Butanone-d5	4.649	46	125430	54.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.16%			
24) Chloroform-d	5.073	84	69086	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.713	65	41744	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
32) Benzene-d6	5.739	84	125218	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
36) 1,2-Dichloropropane-d6	6.700	67	41219	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.906	98	118395	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
43) trans-1,3-Dichloroprop...	8.189	79	17685	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.642	63	91850	53.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.72%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34941	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	12.201	152	47436	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	42957	4.67	ug/L	100
3) Chloromethane	1.523	50	38256	4.67	ug/L	99
5) Vinyl chloride	1.607	62	37326	4.75	ug/L	98
6) Bromomethane	1.864	94	21717	4.67	ug/L	99
8) Chloroethane	1.941	64	22651	4.97	ug/L	99
9) Trichlorofluoromethane	2.144	101	58502	5.49	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35948	5.22	ug/L	96
12) 1,1-Dichloroethene	2.588	96	33941	5.13	ug/L	92
13) Acetone	2.658	43	84996	55.53	ug/L	98
14) Carbon disulfide	2.800	76	99877	4.55	ug/L	99
15) Methyl Acetate	2.967	43	19811	5.49	ug/L	99
16) Methylene chloride	3.054	84	36812	4.72	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	99901	5.22	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	35132	4.99	ug/L	98
19) 1,1-Dichloroethane	3.880	63	69320	5.33	ug/L	99
21) 2-Butanone	4.729	43	141606	55.23	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	38849	5.17	ug/L	100
23) Bromochloromethane	4.983	128	18124	5.23	ug/L	88
25) Chloroform	5.099	83	71073	5.30	ug/L	97
27) 1,2-Dichloroethane	5.803	62	53742	5.65	ug/L	97

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 ALS Vial : 25 Sample Multiplier: 1

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 ClientSampleId :
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 Quant Title : TRACE VOA SOM01.0
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 Response via : Initial Calibration

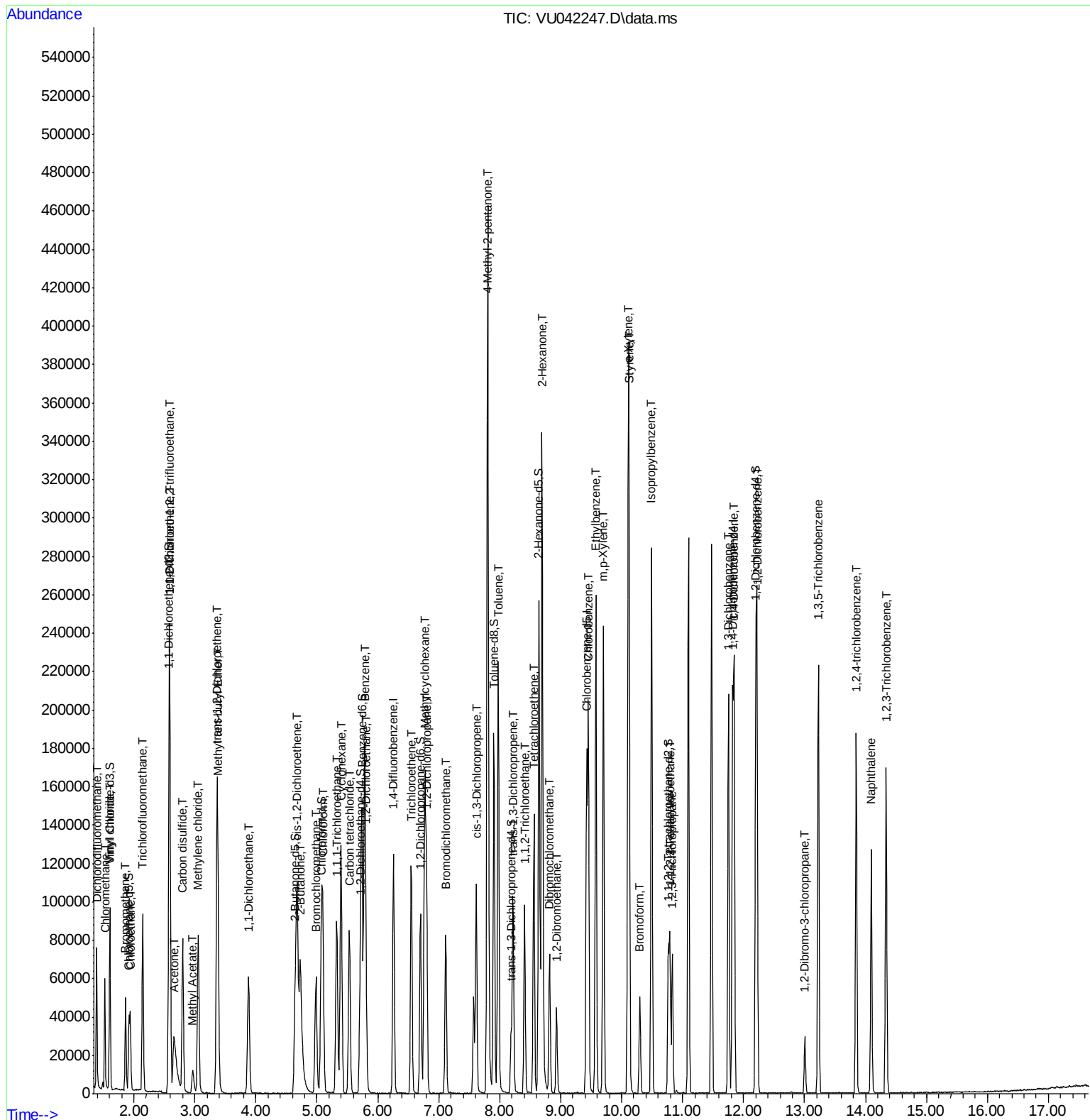
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	64588	5.34	ug/L	99
30) Cyclohexane	5.398	56	64622	4.97	ug/L	99
31) Carbon tetrachloride	5.533	117	55628	5.22	ug/L	99
33) Benzene	5.784	78	146391	5.42	ug/L	100
34) Trichloroethene	6.549	95	39033	5.36	ug/L	98
35) Methylcyclohexane	6.771	83	61584	5.04	ug/L	97
37) 1,2-Dichloropropane	6.800	63	40202	5.65	ug/L	99
38) Bromodichloromethane	7.115	83	51860	5.28	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	58157	4.97	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	339387	55.81	ug/L	98
42) Toluene	7.976	91	156670	5.36	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	52636	4.91	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	28821	5.48	ug/L	97
47) Tetrachloroethene	8.562	164	31654	5.23	ug/L	96
48) 2-Hexanone	8.693	43	248061	58.67	ug/L	97
49) Dibromochloromethane	8.819	129	36064	5.15	ug/L	96
50) 1,2-Dibromoethane	8.931	107	28687	5.28	ug/L	97
51) Chlorobenzene	9.455	112	98993	5.30	ug/L	99
52) Ethylbenzene	9.578	91	175638	5.24	ug/L	99
53) m,p-Xylene	9.700	106	65144	5.19	ug/L	99
54) o-Xylene	10.108	106	64944	5.34	ug/L	100
55) Styrene	10.121	104	108339	5.17	ug/L	99
56) Isopropylbenzene	10.491	105	175217	5.21	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	37977	5.65	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	28115	5.60	ug/L	99
61) Bromoform	10.298	173	22612	4.96	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	83192	5.28	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	81319	5.16	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	81110	5.54	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	7085	5.42	ug/L	93
67) 1,3,5-Trichlorobenzene	13.227	180	68654	5.45	ug/L	100
68) 1,2,4-trichlorobenzene	13.851	180	57131	5.73	ug/L	100
69) Naphthalene	14.095	128	97165	6.67	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	51897	5.88	ug/L	99

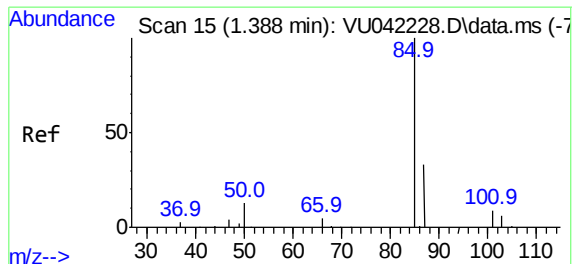
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Instrument :
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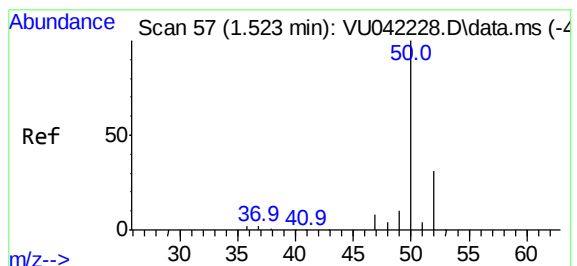
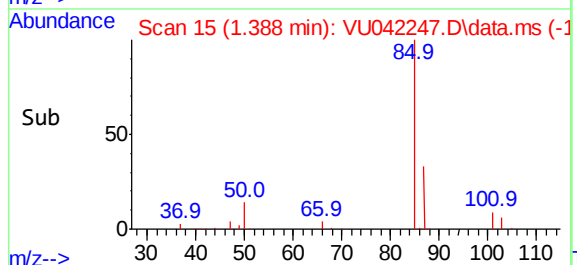
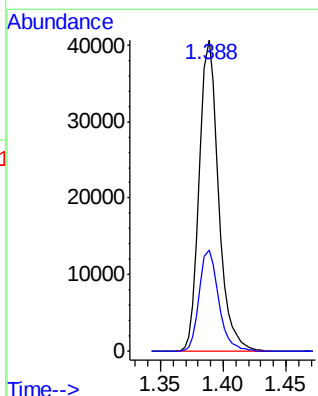
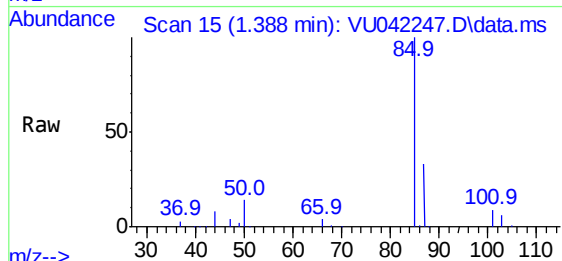




#2
Dichlorodifluoromethane
Concen: 4.67 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

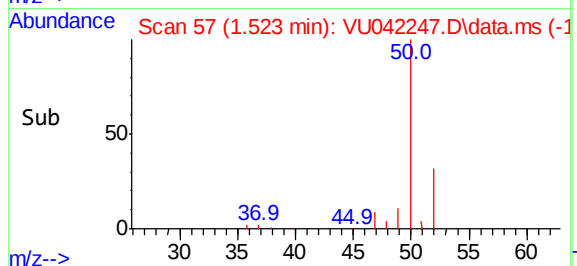
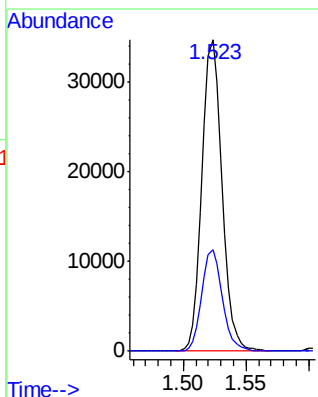
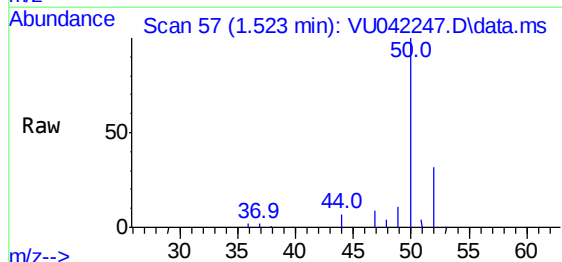
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

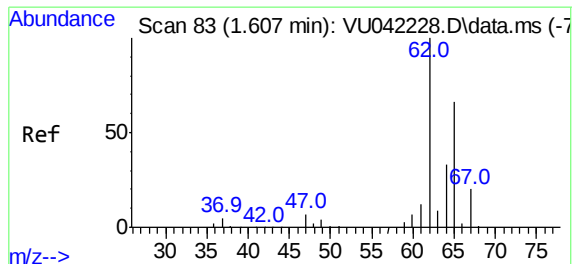
Tgt Ion: 85 Resp: 42957
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#3
Chloromethane
Concen: 4.67 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 50 Resp: 38256
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.8

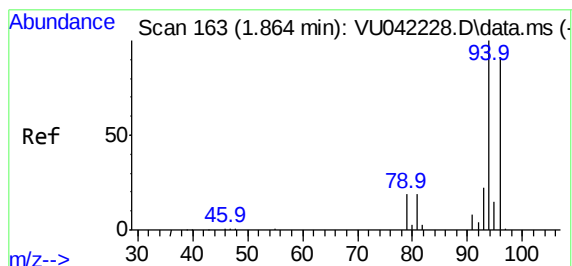
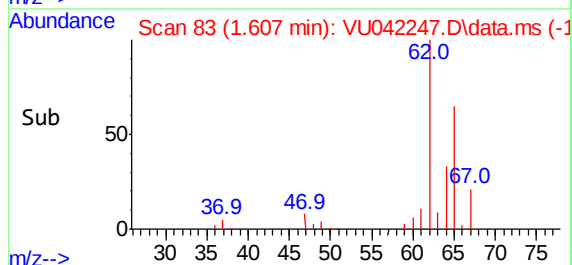
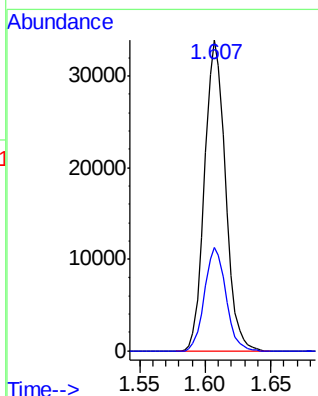
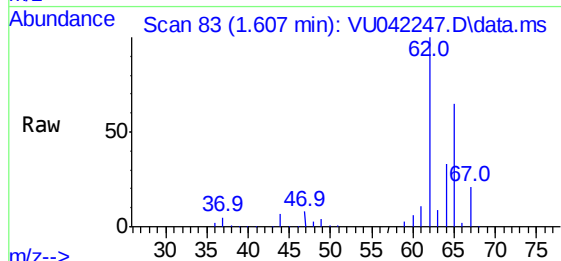




#5
 Vinyl chloride
 Concen: 4.75 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042247.D
 Acq: 03 Feb 2021 21:02

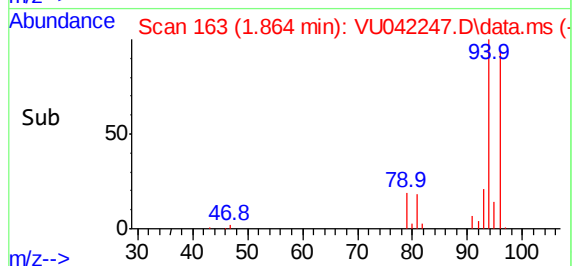
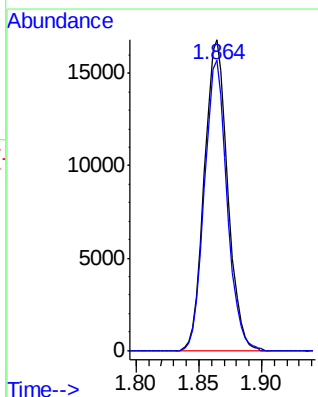
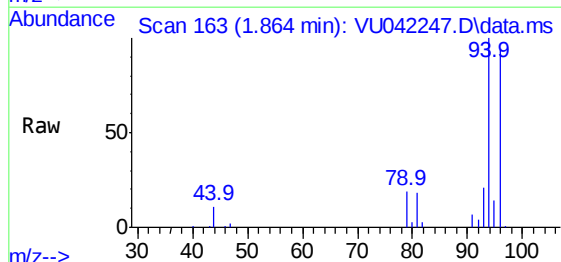
Instrument :
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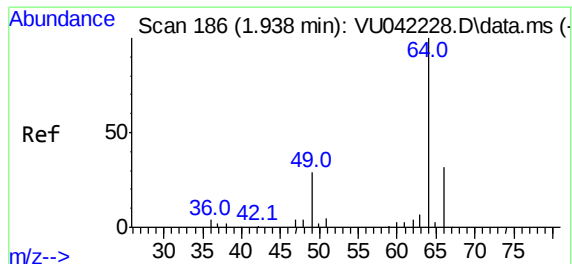
Tgt Ion: 62 Resp: 37326
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.7 42.1



#6
 Bromomethane
 Concen: 4.67 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042247.D
 Acq: 03 Feb 2021 21:02

Tgt Ion: 94 Resp: 21717
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.5 123.5

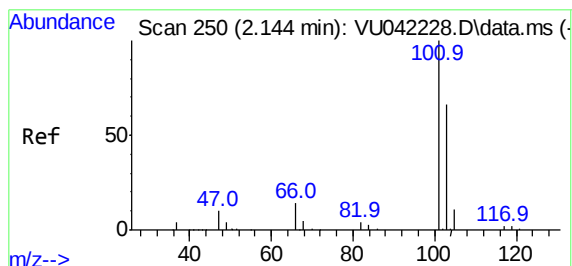
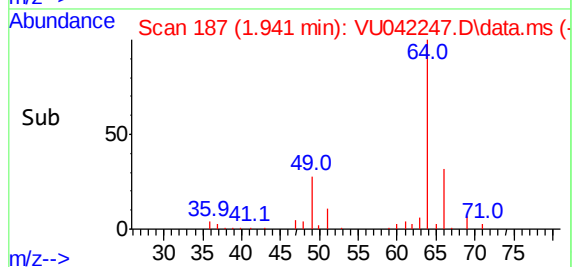
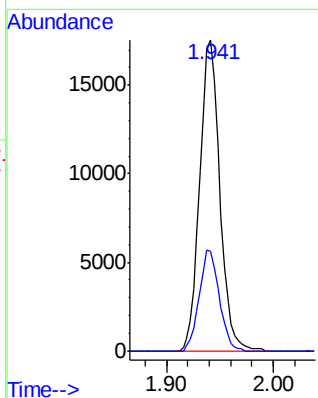
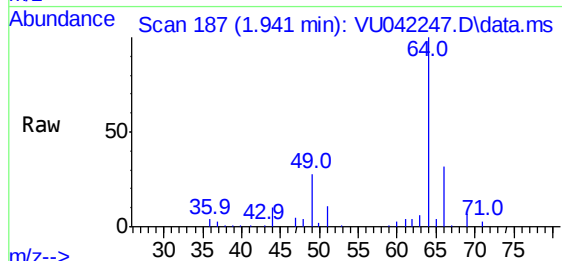




#8
Chloroethane
Concen: 4.97 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

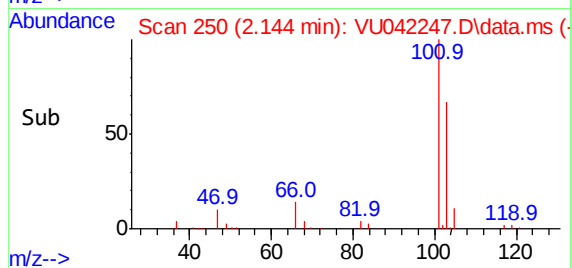
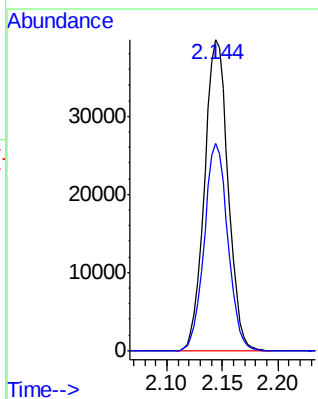
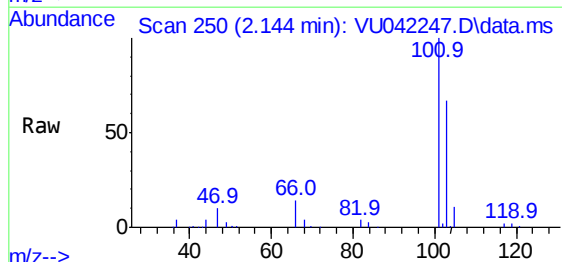
Instrument :
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ClientSampleId :
VSTD00530

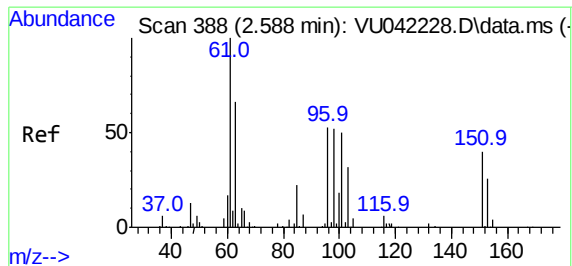
Tgt Ion: 64 Resp: 22651
Ion Ratio Lower Upper
64 100
66 32.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.49 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 101 Resp: 58502
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.8

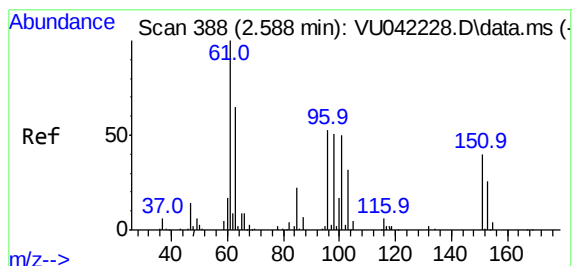
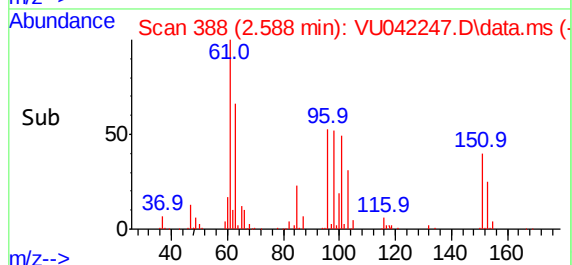
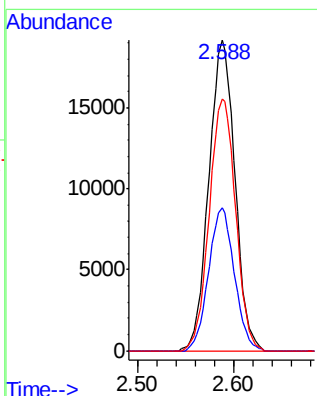
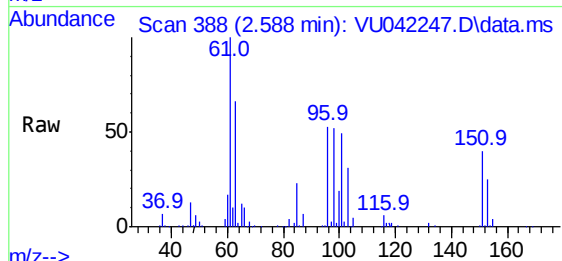




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.22 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042247.D
 Acq: 03 Feb 2021 21:02

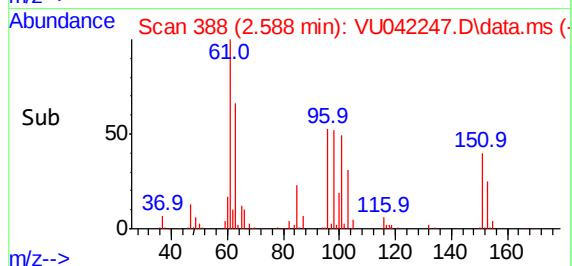
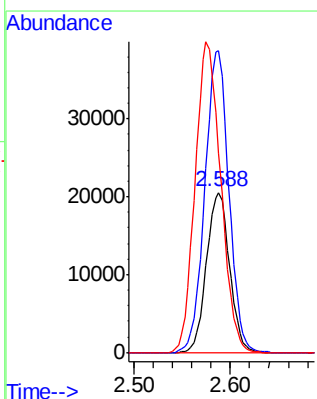
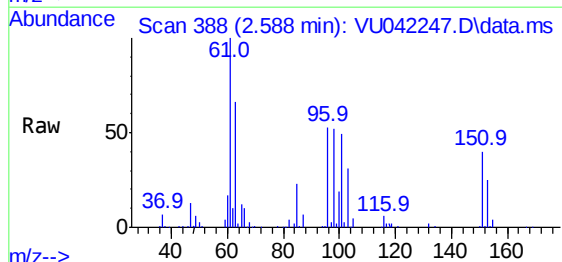
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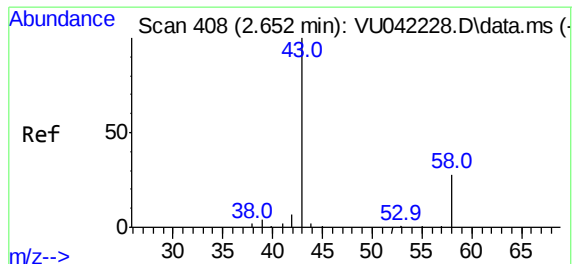
Tgt Ion:101 Resp: 35948
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.6 51.8
 151 82.0 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.13 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042247.D
 Acq: 03 Feb 2021 21:02

Tgt Ion: 96 Resp: 33941
 Ion Ratio Lower Upper
 96 100
 61 188.5 126.2 234.4
 63 124.6 77.8 144.4

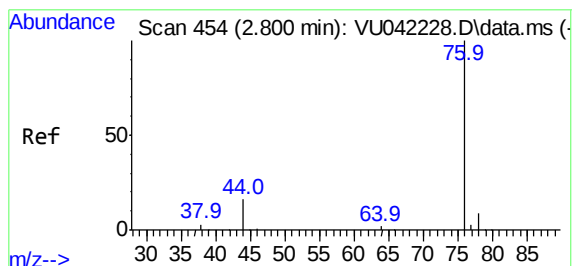
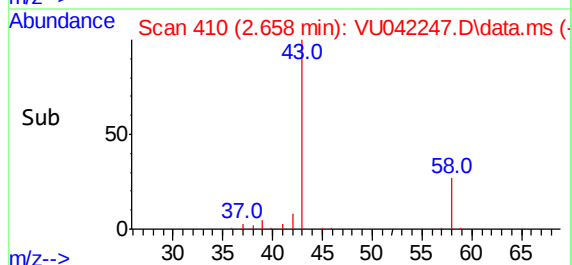
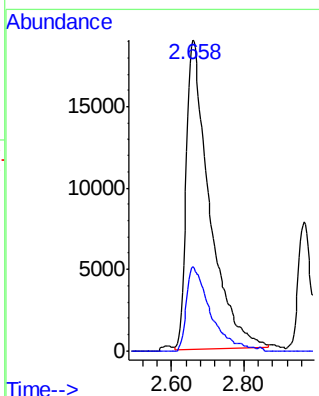
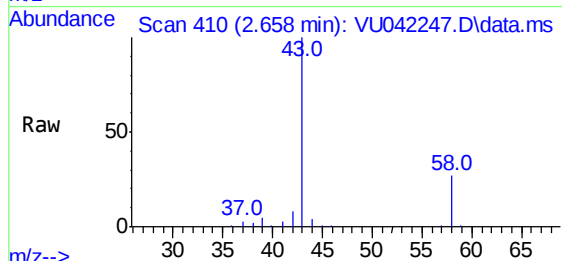




#13
Acetone
Concen: 55.53 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

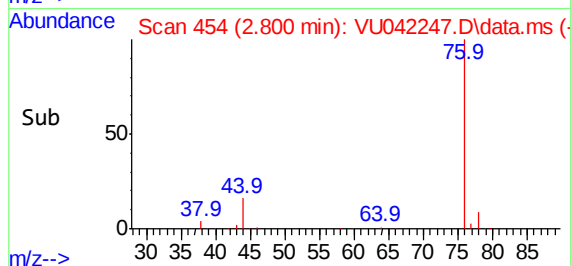
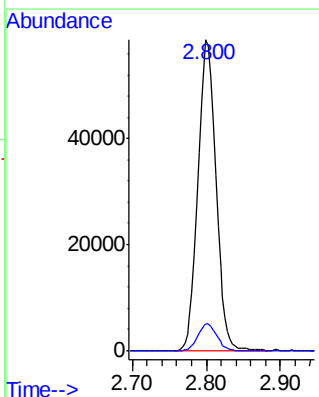
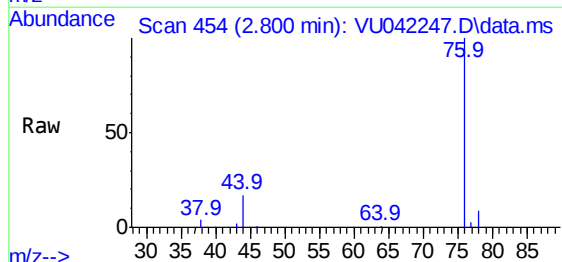
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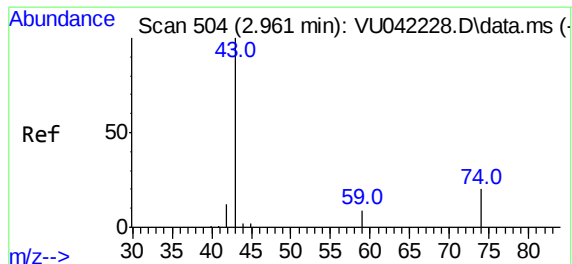
Tgt Ion: 43 Resp: 84996
Ion Ratio Lower Upper
43 100
58 26.7 0.0 55.8



#14
Carbon disulfide
Concen: 4.55 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 76 Resp: 99877
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

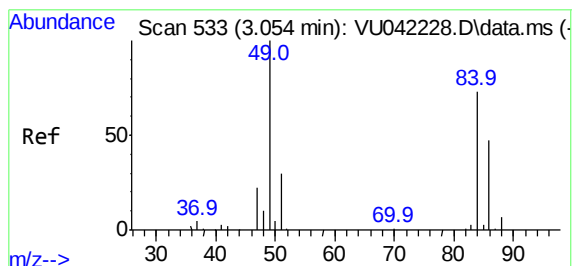
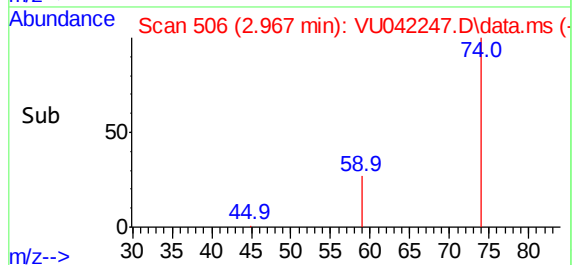
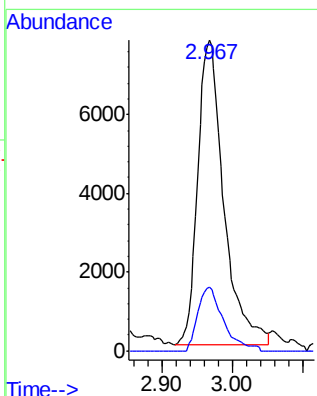
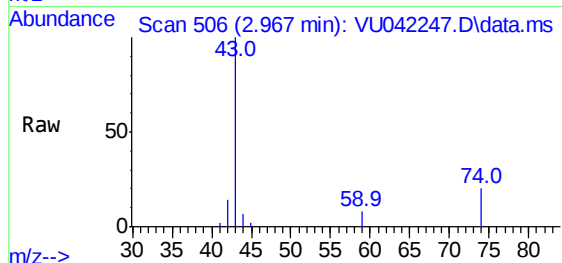




#15
Methyl Acetate
Concen: 5.49 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

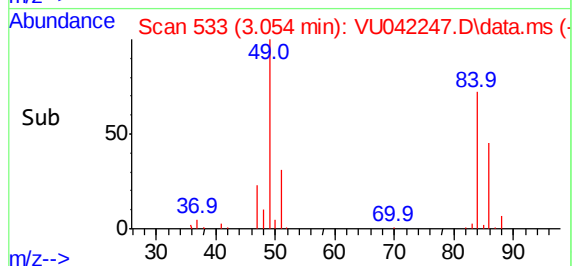
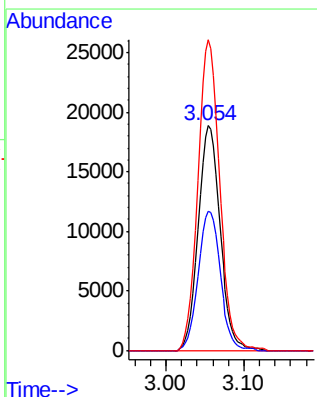
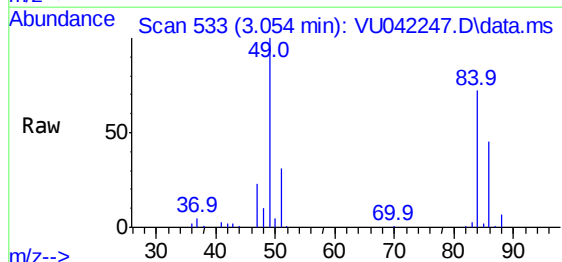
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

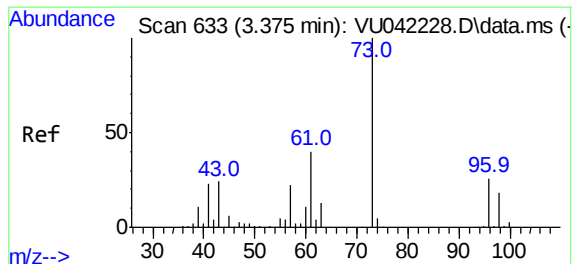
Tgt Ion: 43 Resp: 19811
Ion Ratio Lower Upper
43 100
74 20.5 16.9 25.3



#16
Methylene chloride
Concen: 4.72 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 84 Resp: 36812
Ion Ratio Lower Upper
84 100
86 62.0 44.1 81.9
49 138.4 95.0 176.4

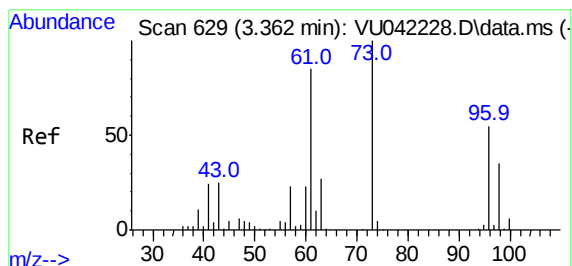
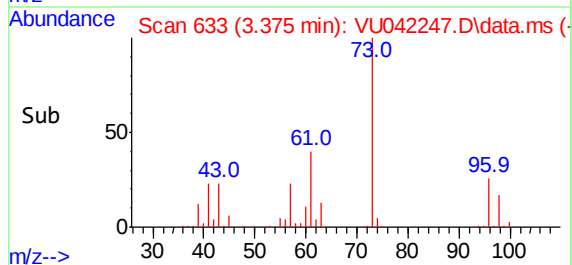
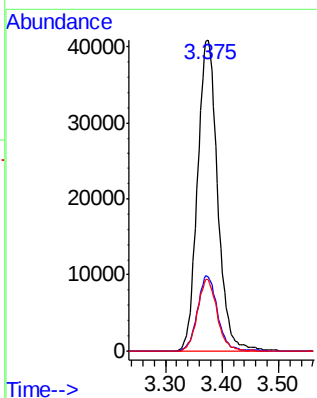
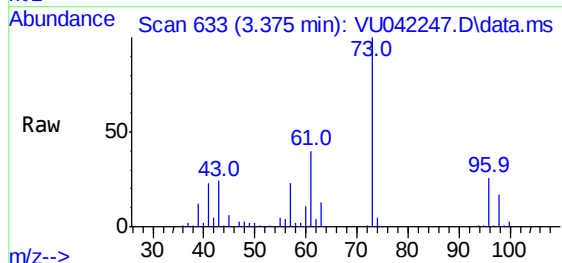




#17
Methyl tert-butyl Ether
Concen: 5.22 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

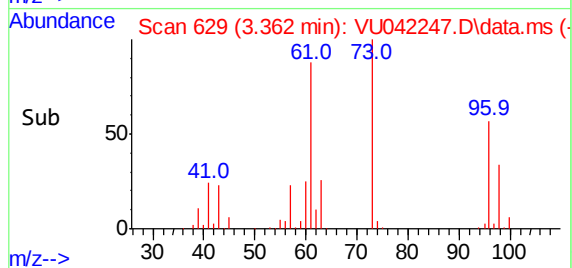
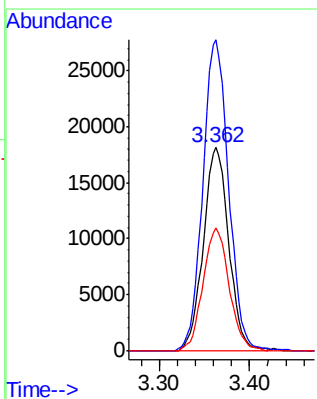
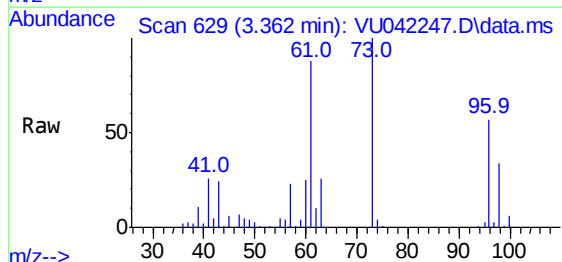
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

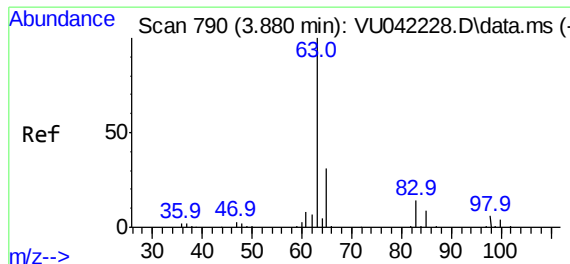
Tgt Ion: 73 Resp: 99901
Ion Ratio Lower Upper
73 100
43 23.9 18.9 28.3
57 22.3 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.99 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 96 Resp: 35132
Ion Ratio Lower Upper
96 100
61 152.9 105.7 196.3
98 60.0 42.8 79.6

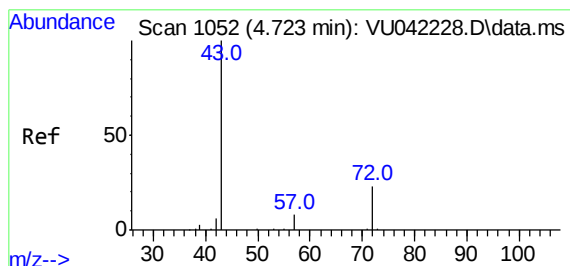
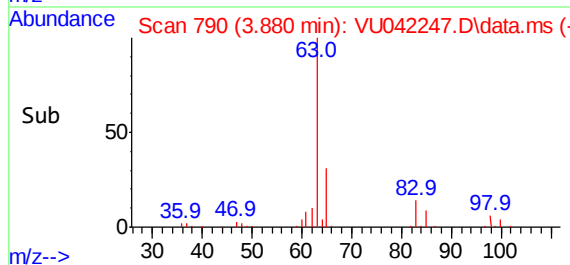
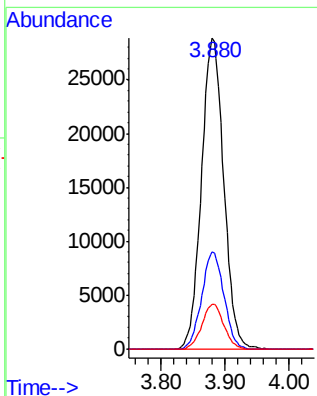
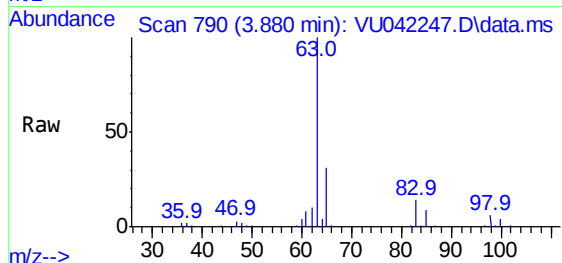




#19
1,1-Dichloroethane
Concen: 5.33 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

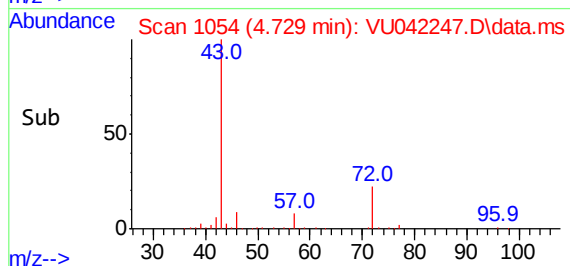
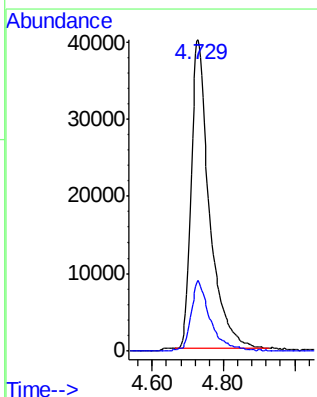
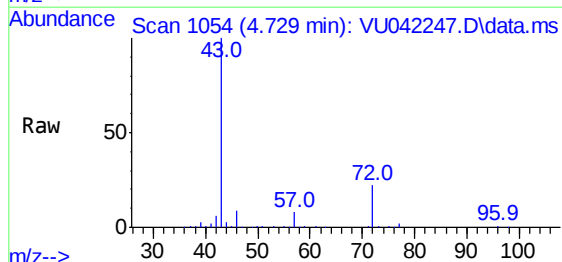
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

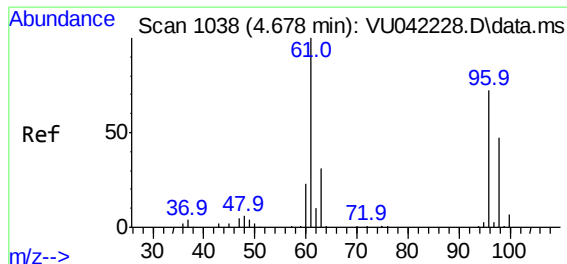
Tgt Ion: 63 Resp: 69320
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.9
83 14.4 10.1 18.7



#21
2-Butanone
Concen: 55.23 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 43 Resp: 141606
Ion Ratio Lower Upper
43 100
72 22.8 11.7 35.1



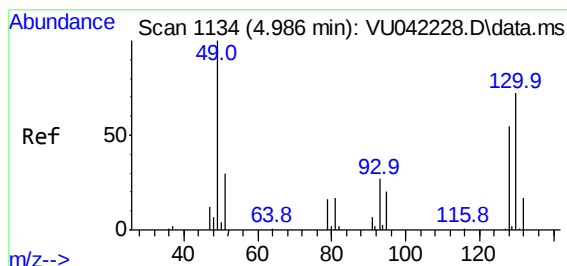
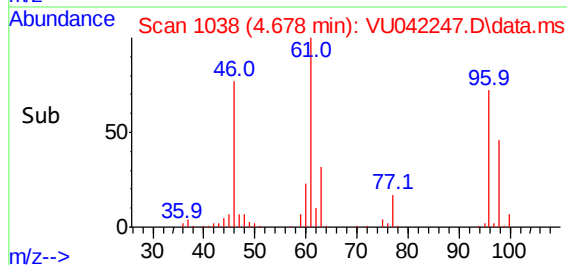
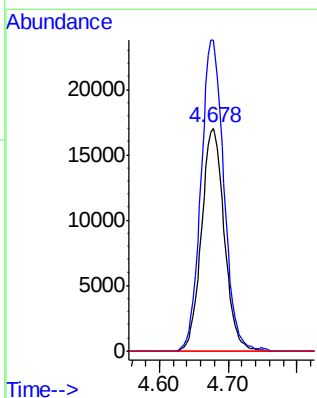
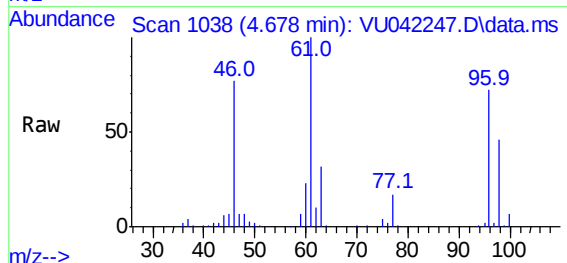


#22
cis-1,2-Dichloroethene
Concen: 5.17 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion: 96 Resp: 38849

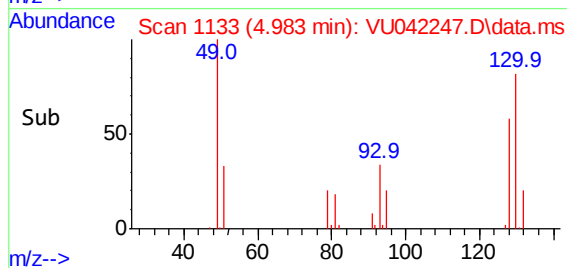
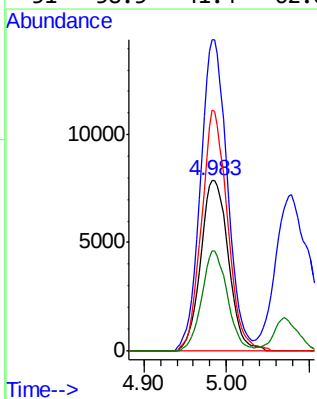
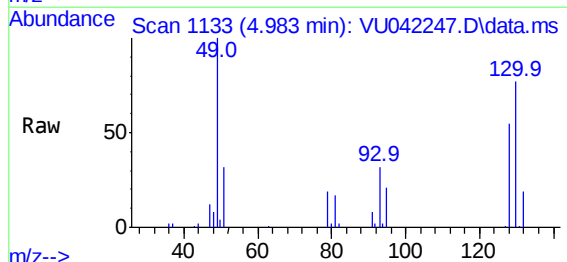
Ion	Ratio	Lower	Upper
96	100		
61	139.7	97.8	181.6
68	0.0	0.0	0.0

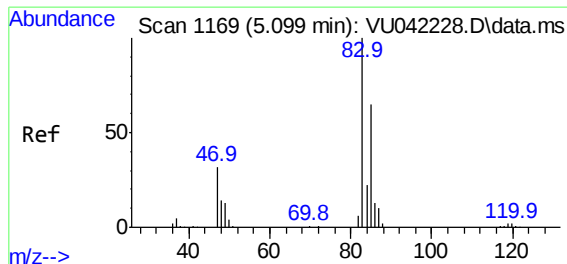


#23
Bromochloromethane
Concen: 5.23 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 128 Resp: 18124

Ion	Ratio	Lower	Upper
128	100		
49	183.3	117.7	218.7
130	141.5	87.9	163.3
51	58.5	41.4	62.0

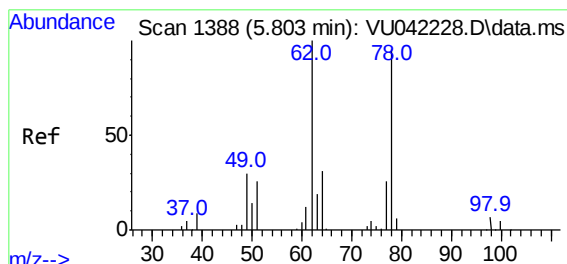
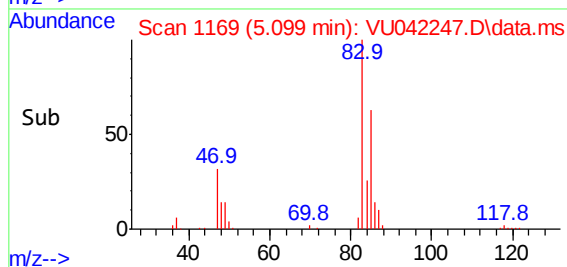
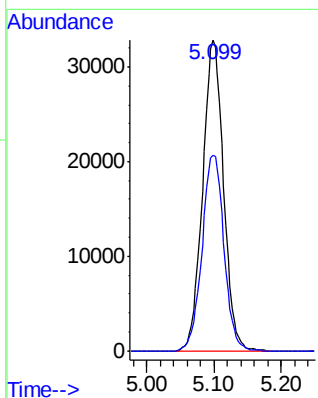
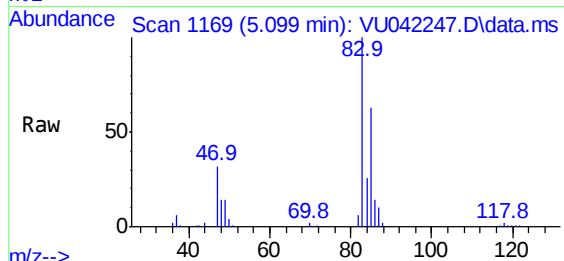




#25
Chloroform
Concen: 5.30 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

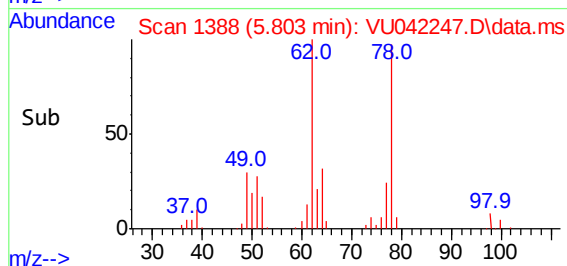
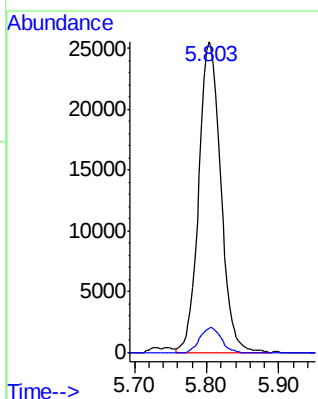
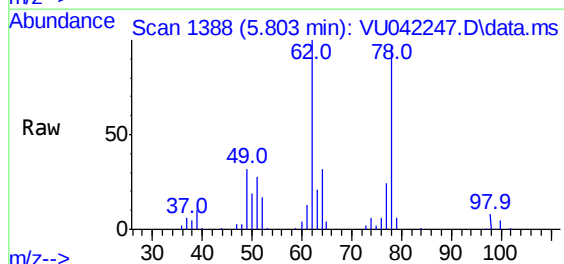
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

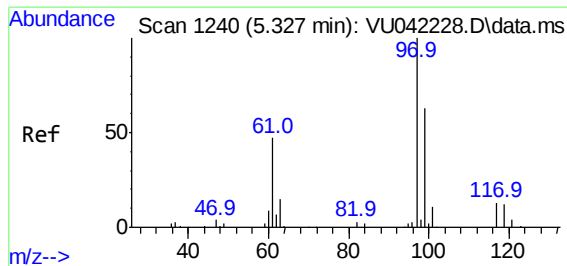
Tgt Ion: 83 Resp: 71073
Ion Ratio Lower Upper
83 100
85 63.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.65 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 62 Resp: 53742
Ion Ratio Lower Upper
62 100
98 7.9 7.3 10.9

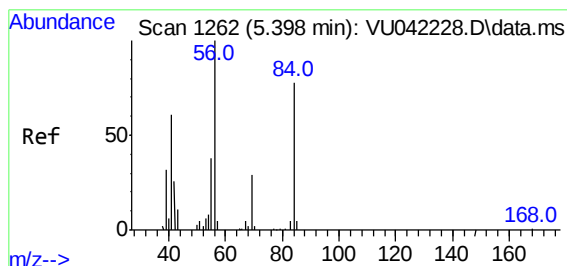
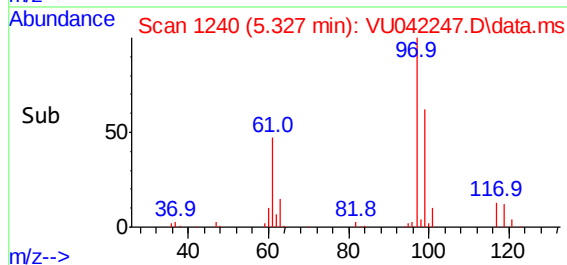
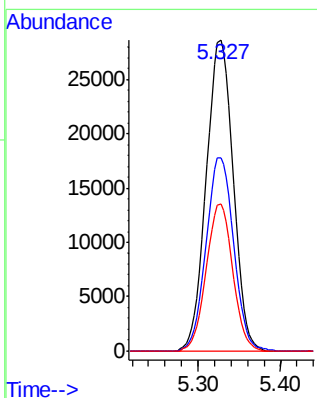
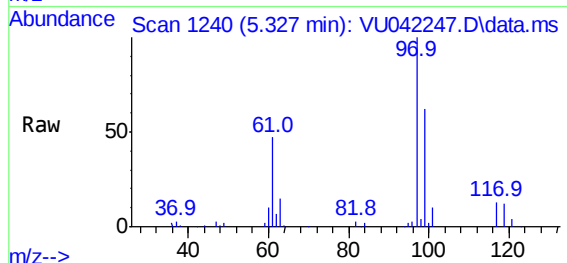




#29
1,1,1-Trichloroethane
Concen: 5.34 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

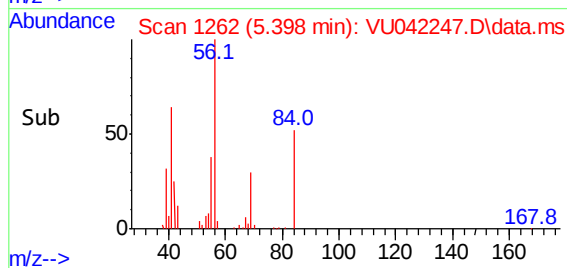
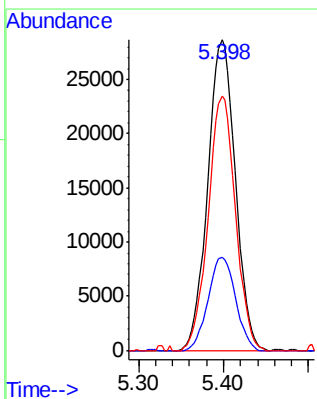
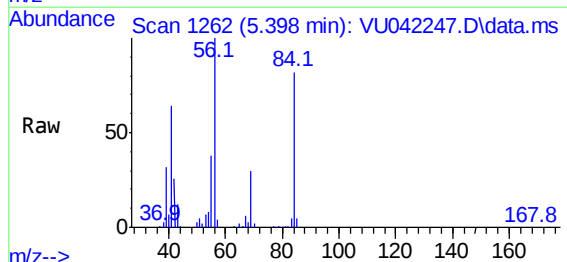
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

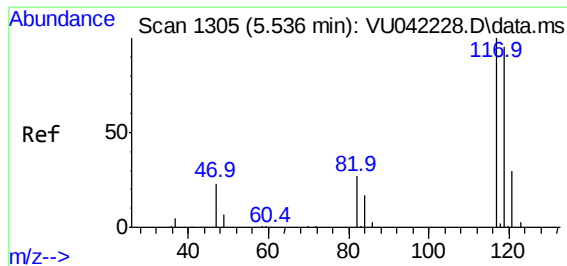
Tgt Ion: 97 Resp: 64588
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 46.3 35.8 53.6



#30
Cyclohexane
Concen: 4.97 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 56 Resp: 64622
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 80.8 65.3 97.9

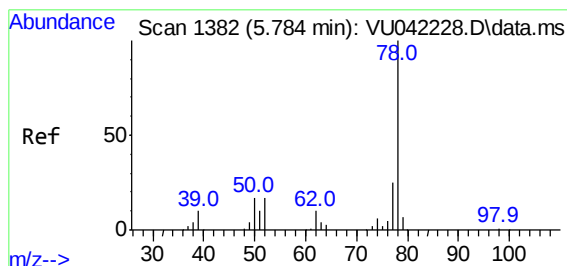
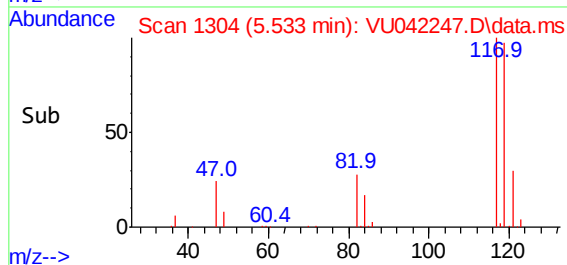
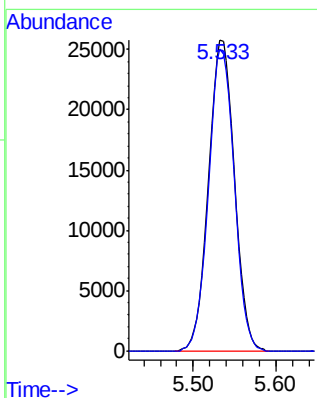
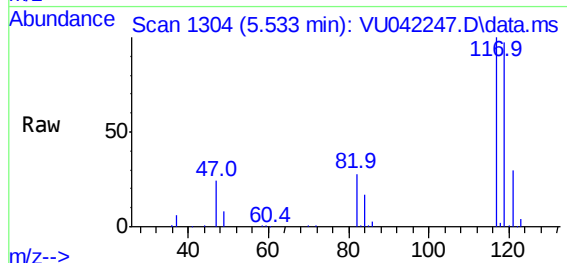




#31
Carbon tetrachloride
Concen: 5.22 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

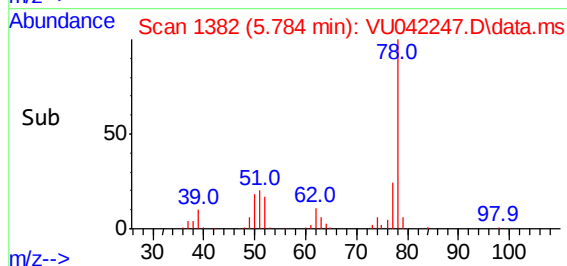
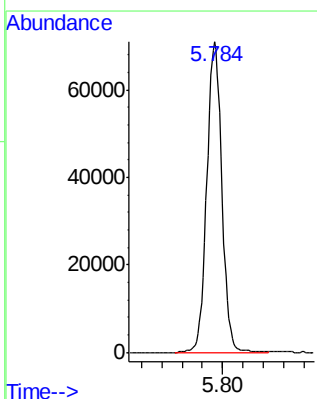
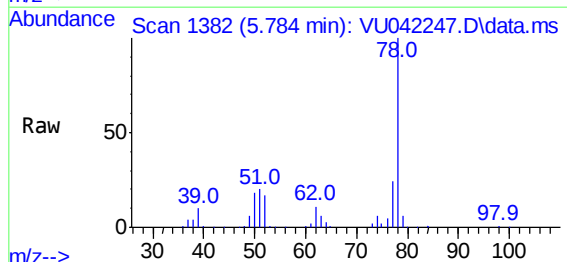
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

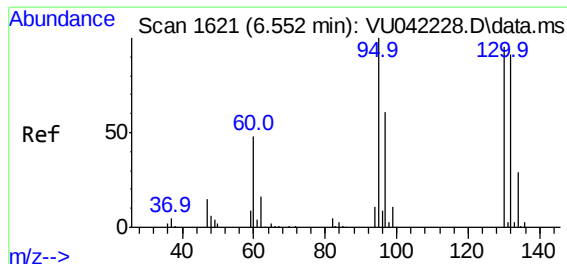
Tgt Ion:117 Resp: 55628
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.4



#33
Benzene
Concen: 5.42 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 78 Resp: 146391



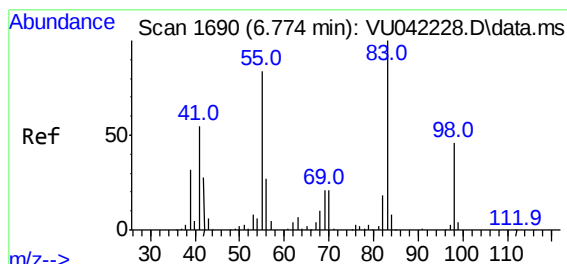
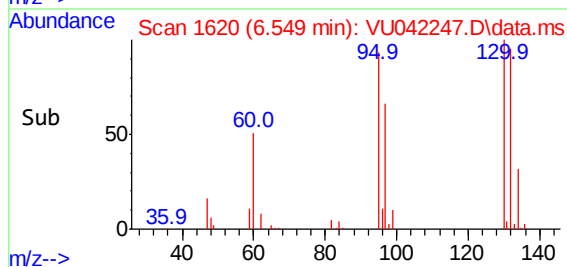
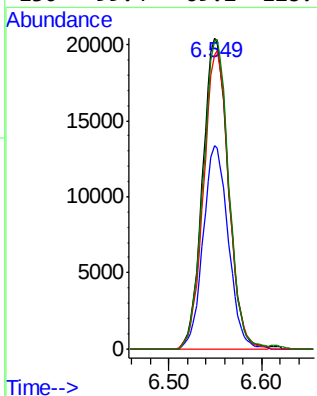
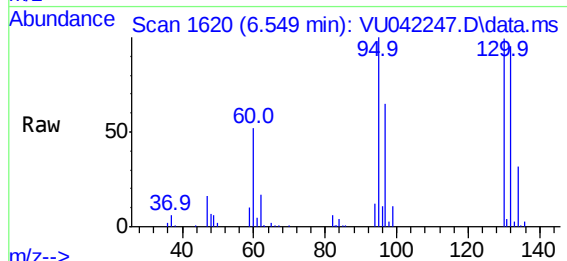


#34
Trichloroethene
Concen: 5.36 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion: 95 Resp: 39033

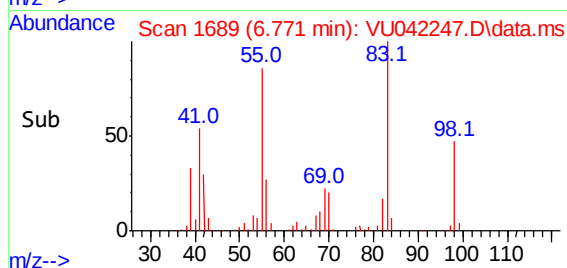
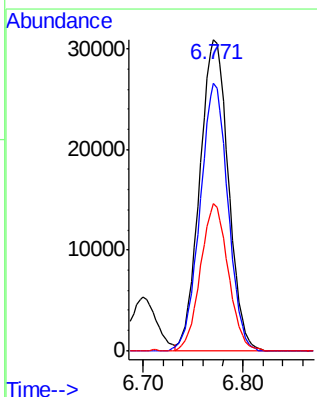
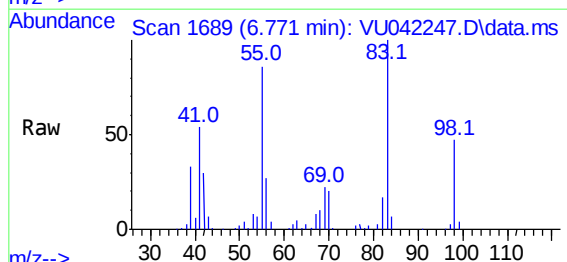
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.4	82.4
132	94.6	68.0	126.4
130	99.4	69.2	128.4

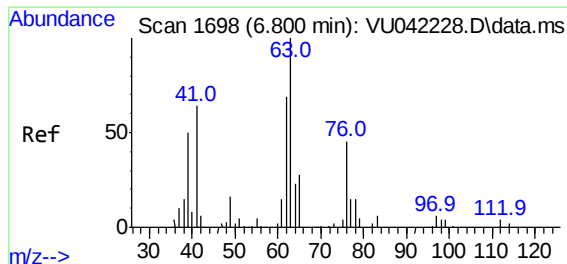


#35
Methylcyclohexane
Concen: 5.04 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 83 Resp: 61584

Ion	Ratio	Lower	Upper
83	100		
55	83.6	68.2	102.4
98	45.6	39.7	59.5

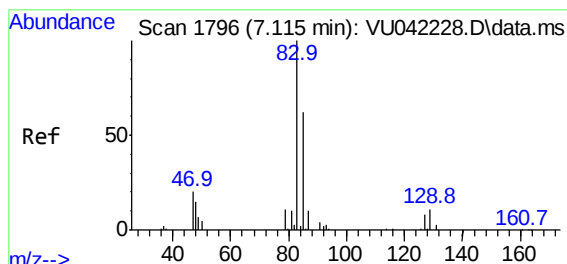
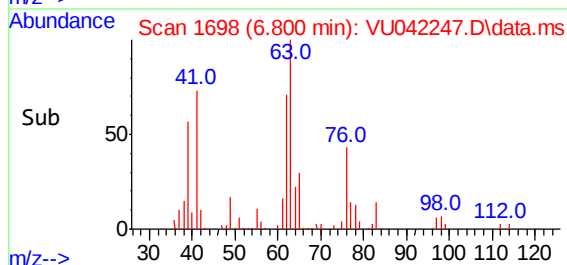
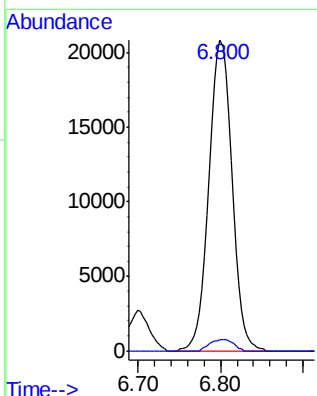
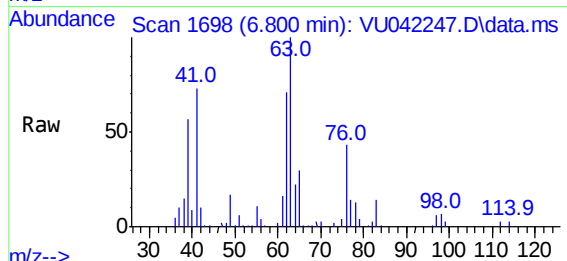




#37
1,2-Dichloropropane
Concen: 5.65 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

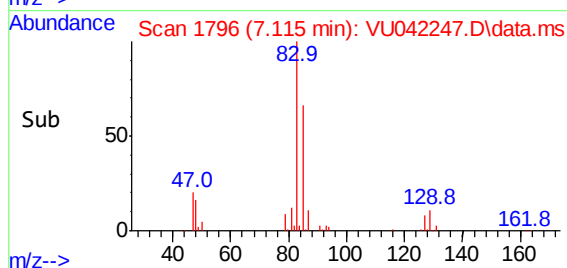
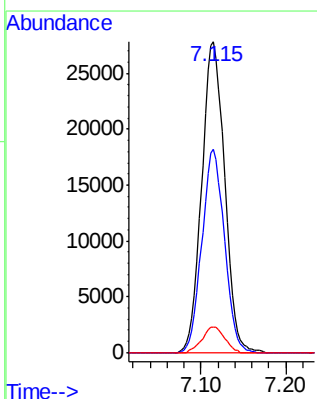
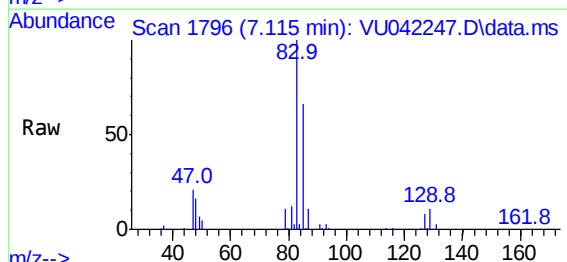
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

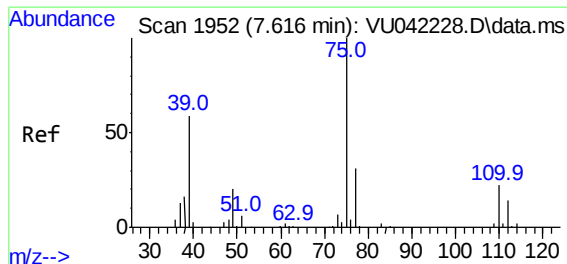
Tgt Ion: 63 Resp: 40202
Ion Ratio Lower Upper
63 100
112 3.7 3.4 5.0



#38
Bromodichloromethane
Concen: 5.28 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 83 Resp: 51860
Ion Ratio Lower Upper
83 100
85 65.5 46.0 85.4
127 8.3 6.8 10.2

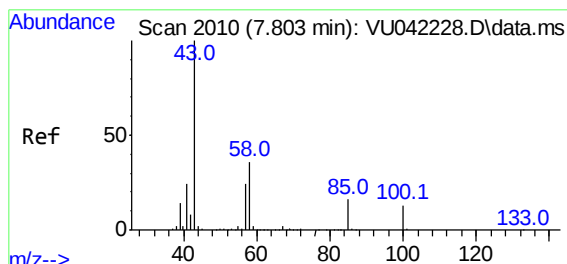
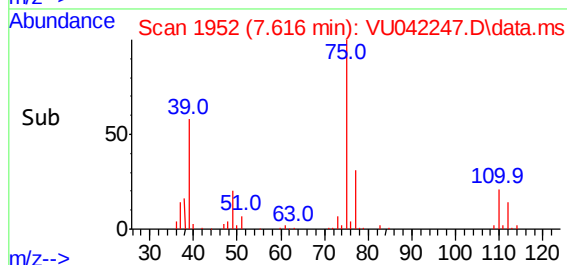
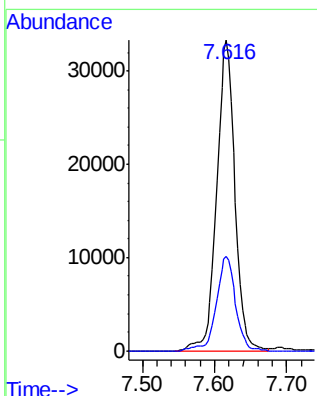
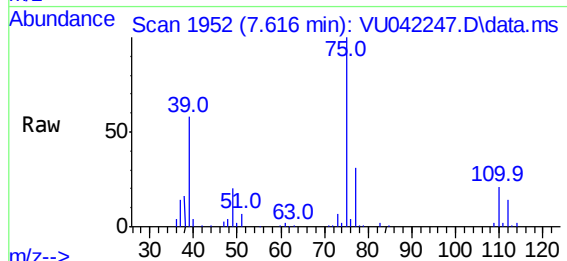




#39
cis-1,3-Dichloropropene
Concen: 4.97 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

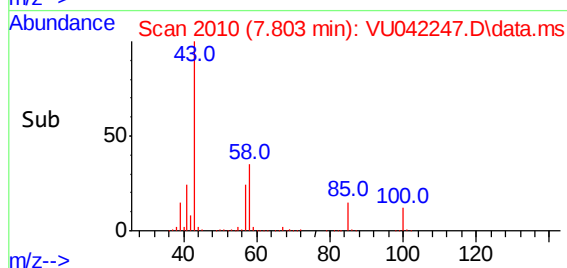
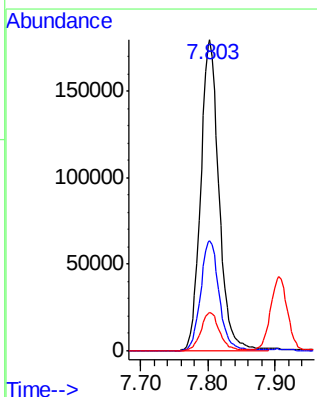
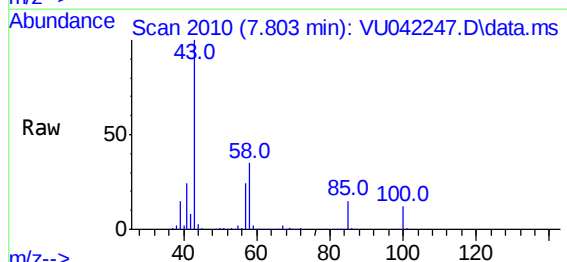
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

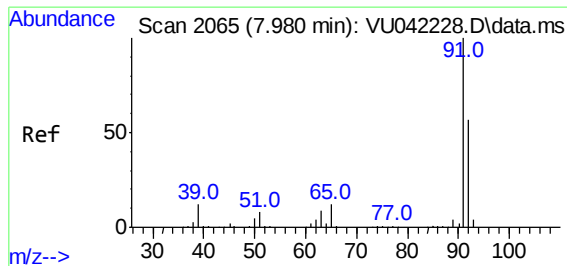
Tgt Ion: 75 Resp: 58157
Ion Ratio Lower Upper
75 100
77 30.6 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 55.81 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 43 Resp: 339387
Ion Ratio Lower Upper
43 100
58 35.8 29.1 43.7
100 12.4 11.0 16.4





#42

Toluene

Concen: 5.36 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.003 min

Lab File: VU042247.D

Acq: 03 Feb 2021 21:02

Tgt Ion: 91 Resp: 156670

Ion Ratio Lower Upper

91 100

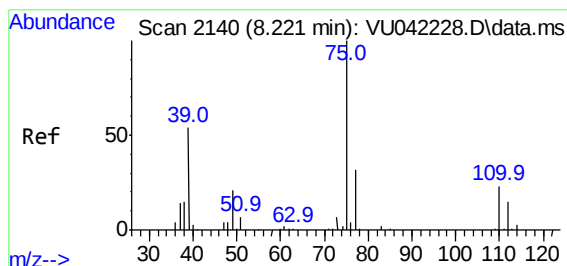
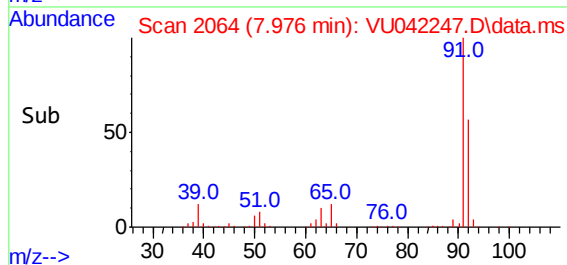
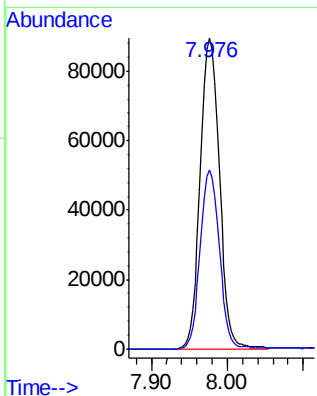
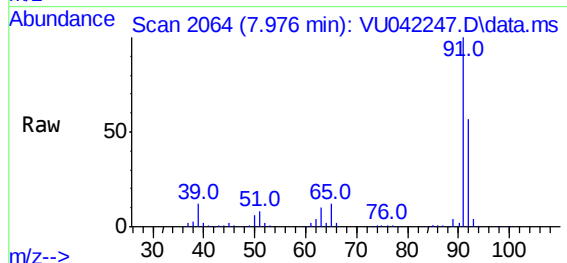
92 57.5 41.2 76.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD00530



#44

trans-1,3-Dichloropropene

Concen: 4.91 ug/L

RT: 8.221 min Scan# 2140

Delta R.T. 0.000 min

Lab File: VU042247.D

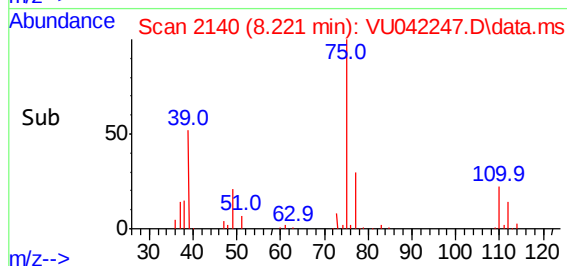
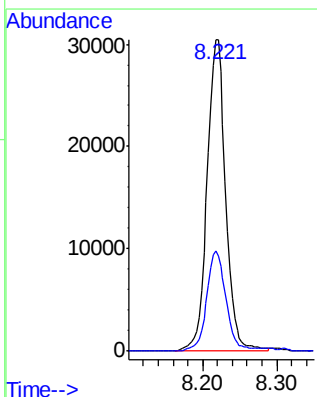
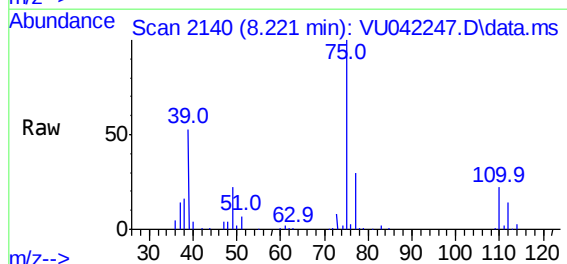
Acq: 03 Feb 2021 21:02

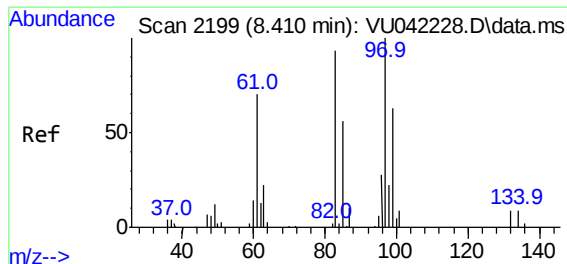
Tgt Ion: 75 Resp: 52636

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.4



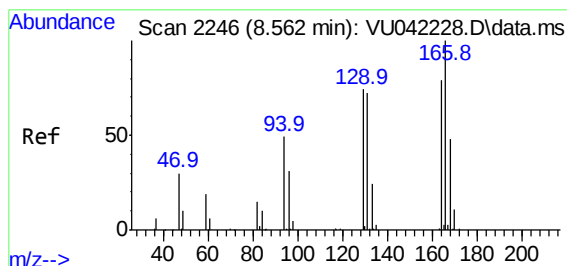
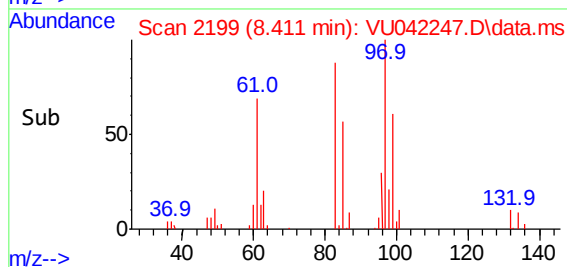
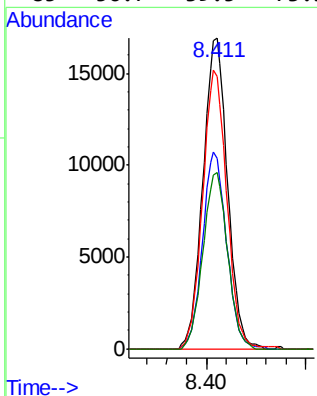
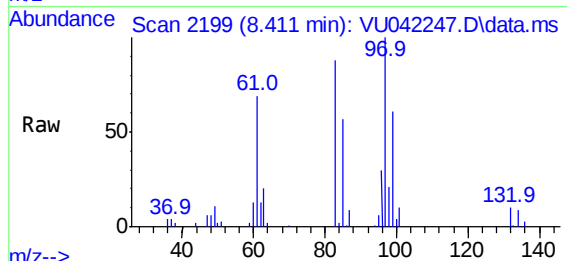


#45
1,1,2-Trichloroethane
Concen: 5.48 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion: 97 Resp: 28821

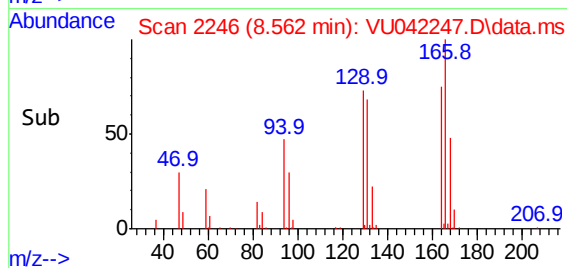
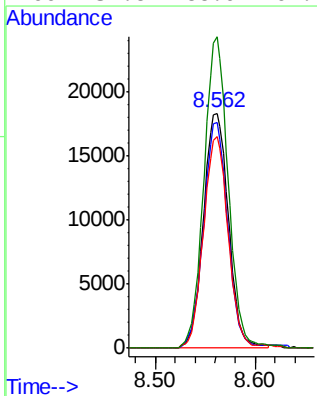
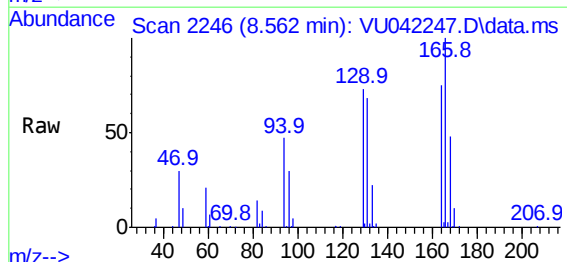
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.0	81.8
83	87.8	57.6	107.0
85	56.7	39.5	73.3

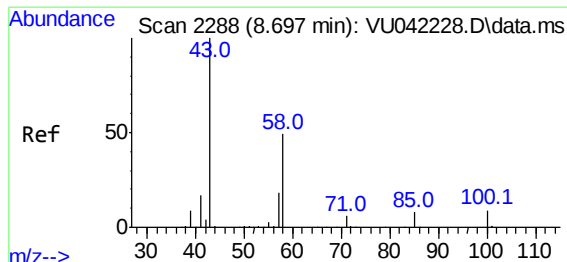


#47
Tetrachloroethene
Concen: 5.23 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 164 Resp: 31654

Ion	Ratio	Lower	Upper
164	100		
129	96.3	64.3	119.5
131	90.2	62.2	115.6
166	132.8	88.6	164.6



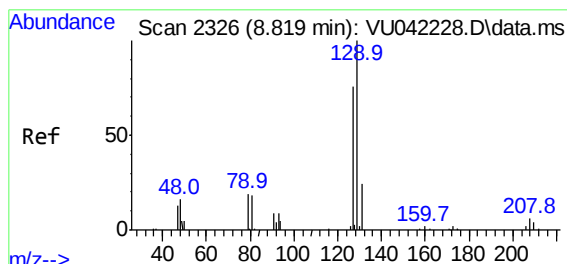
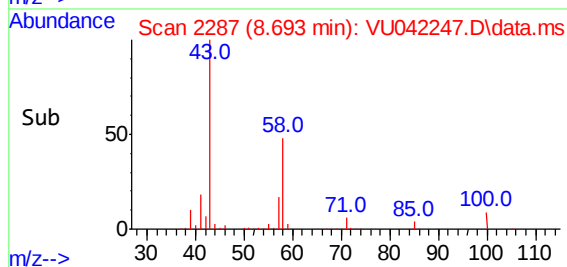
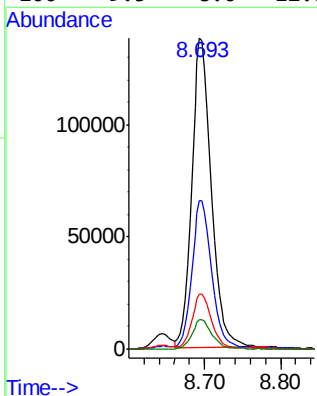
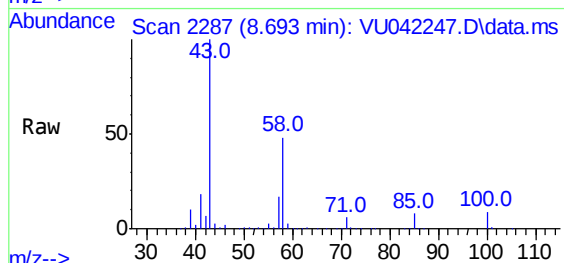


#48
2-Hexanone
Concen: 58.67 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion: 43 Resp: 248061

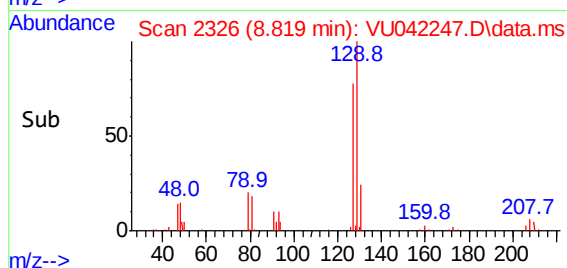
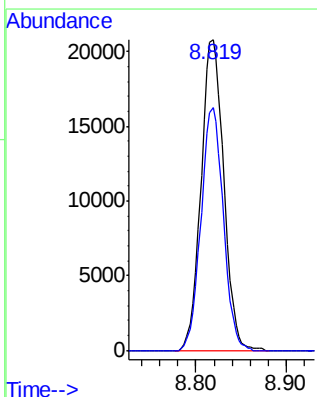
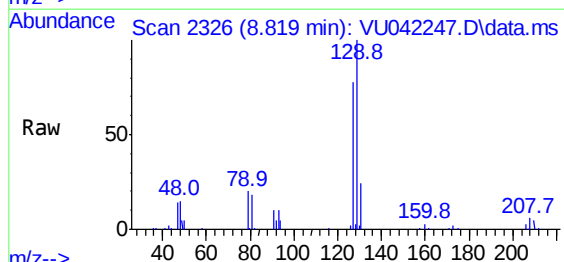
Ion	Ratio	Lower	Upper
43	100		
58	48.4	40.6	61.0
57	17.6	14.9	22.3
100	9.5	8.6	12.8

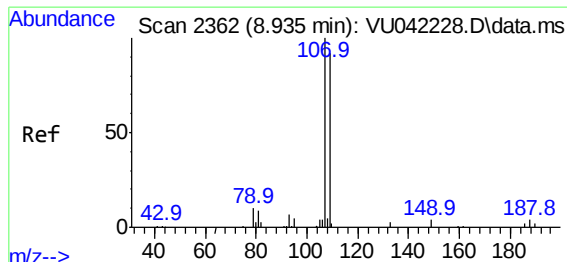


#49
Dibromochloromethane
Concen: 5.15 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 129 Resp: 36064

Ion	Ratio	Lower	Upper
129	100		
127	78.3	52.3	97.1

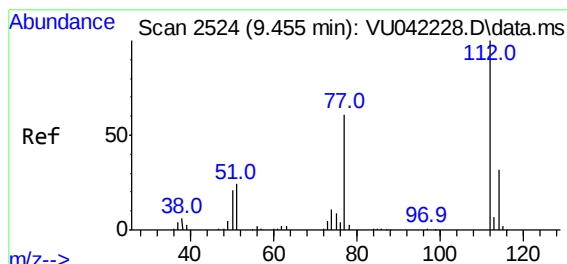
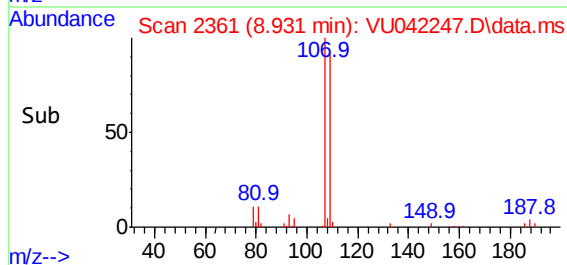
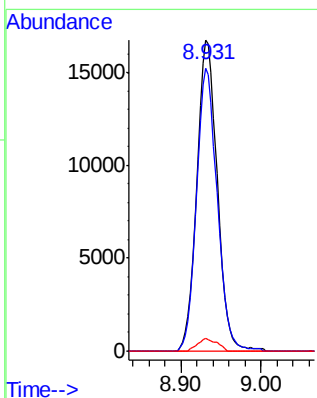
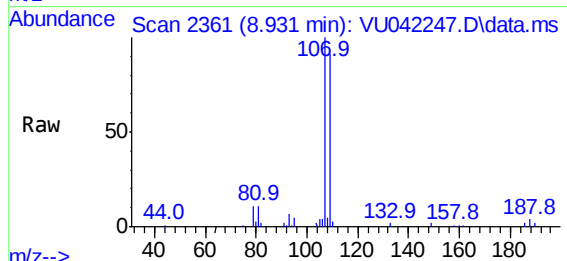




#50
1,2-Dibromoethane
Concen: 5.28 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

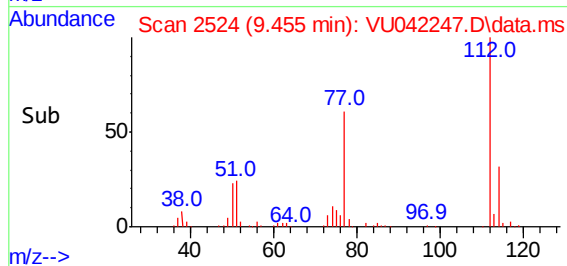
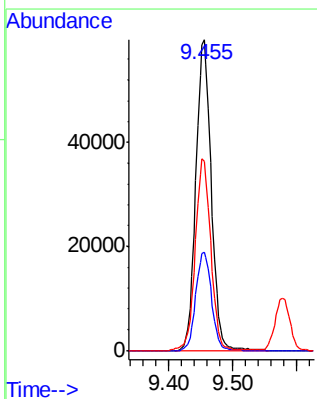
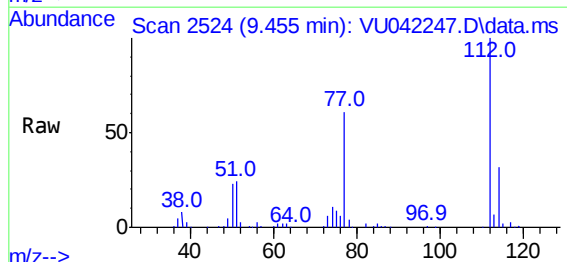
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

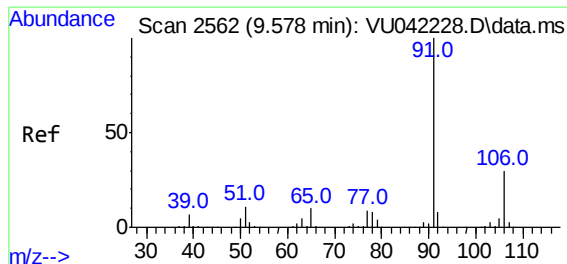
Tgt Ion:107 Resp: 28687
Ion Ratio Lower Upper
107 100
109 91.0 65.5 121.6
188 3.8 3.4 5.2



#51
Chlorobenzene
Concen: 5.30 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion:112 Resp: 98993
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 61.1 49.8 74.6

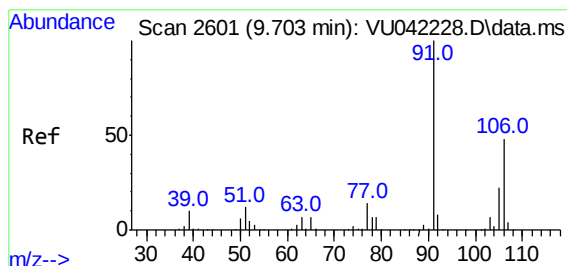
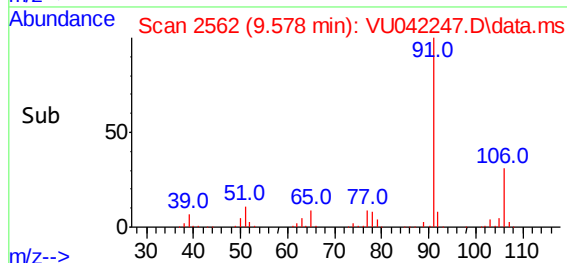
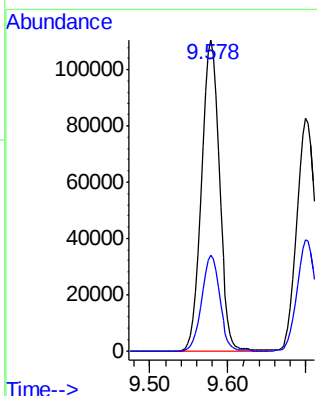
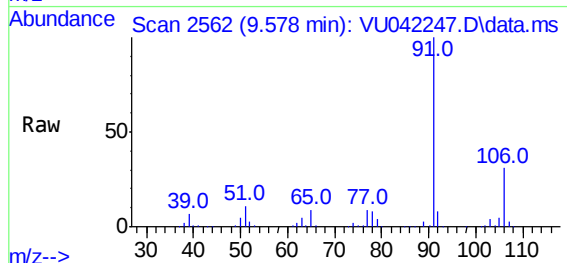




#52
Ethylbenzene
Concen: 5.24 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

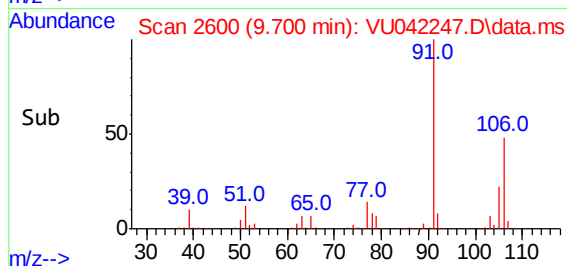
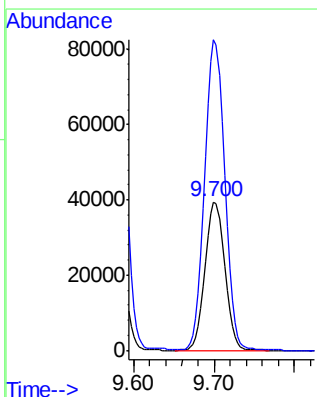
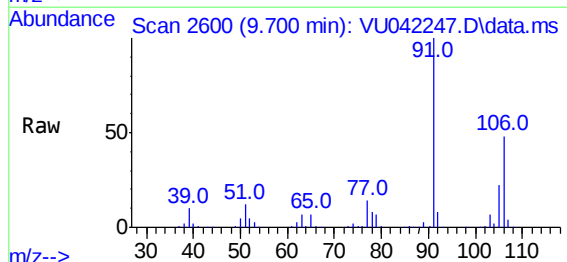
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

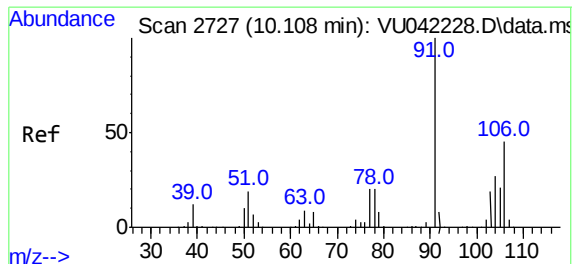
Tgt Ion: 91 Resp: 175638
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.3



#53
m,p-Xylene
Concen: 5.19 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 106 Resp: 65144
Ion Ratio Lower Upper
106 100
91 209.5 145.1 269.5

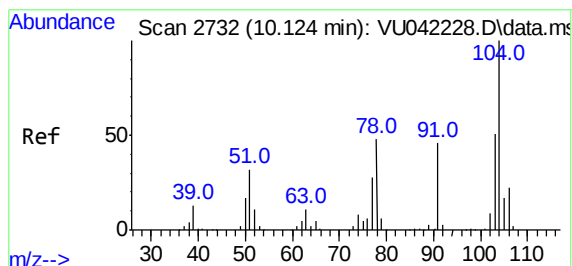
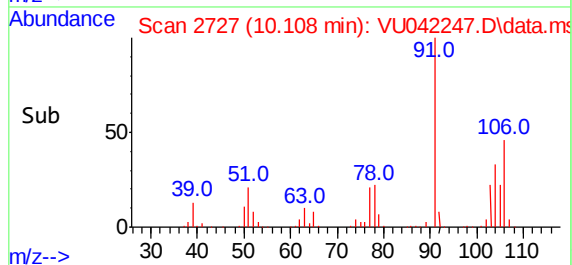
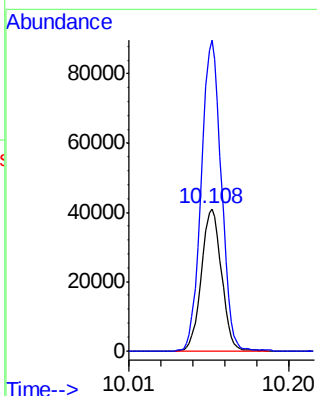
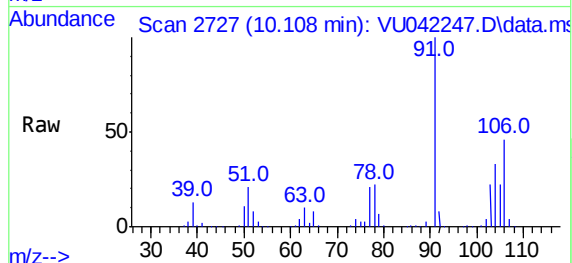




#54
o-Xylene
Concen: 5.34 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

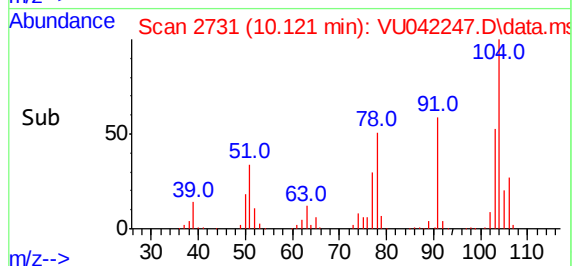
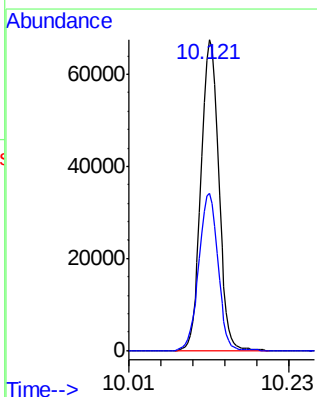
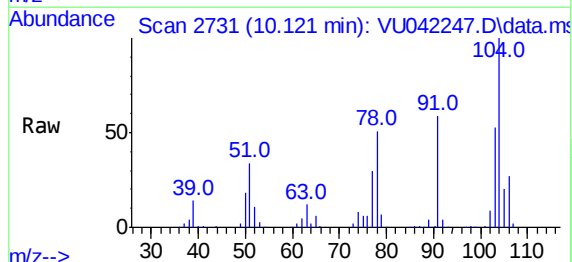
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

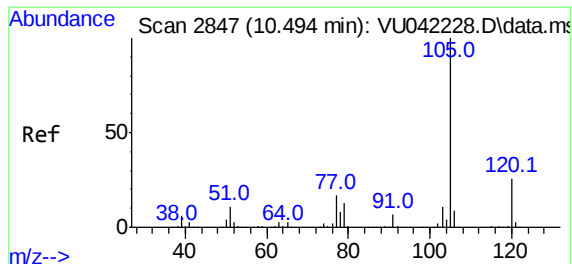
Tgt Ion:106 Resp: 64944
Ion Ratio Lower Upper
106 100
91 219.0 153.0 284.2



#55
Styrene
Concen: 5.17 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion:104 Resp: 108339
Ion Ratio Lower Upper
104 100
78 50.7 34.9 64.7

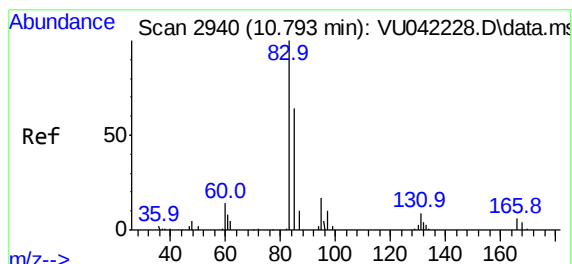
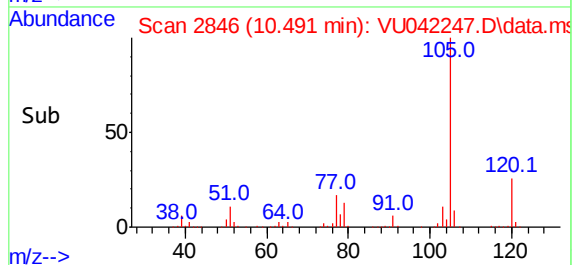
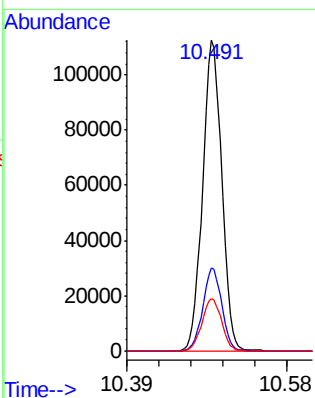
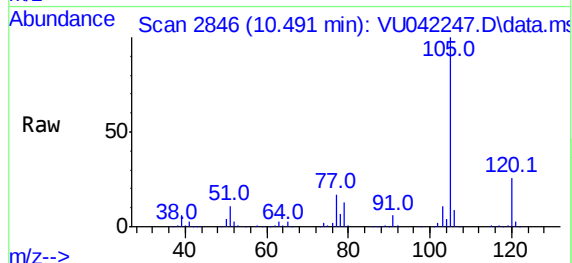




#56
Isopropylbenzene
Concen: 5.21 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

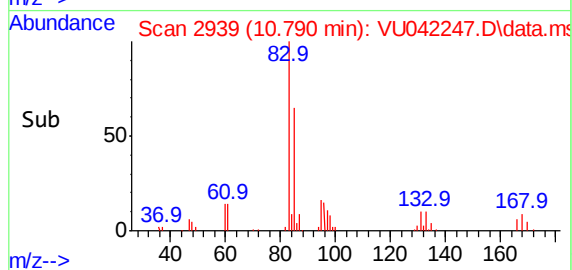
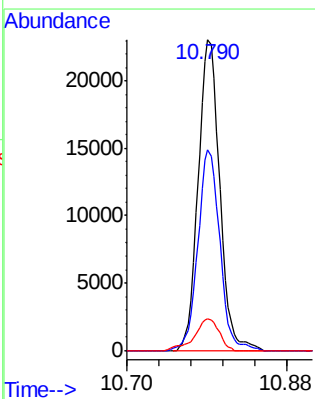
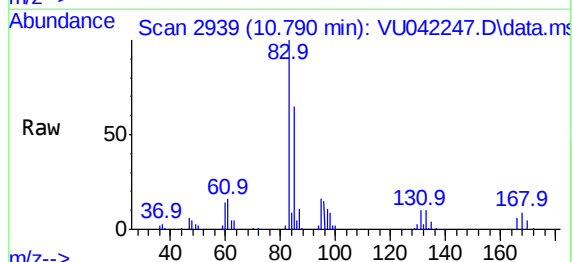
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

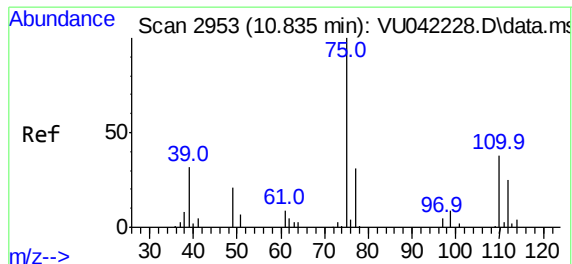
Tgt Ion:105 Resp: 175217
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 17.0 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.65 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 83 Resp: 37977
Ion Ratio Lower Upper
83 100
85 64.8 44.4 82.4
131 10.1 8.6 12.8

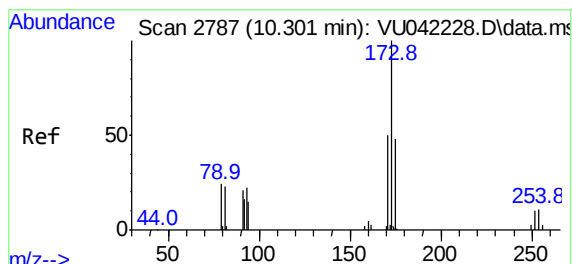
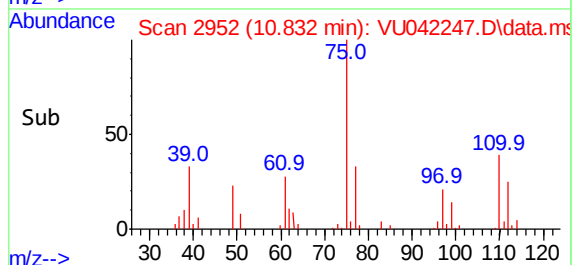
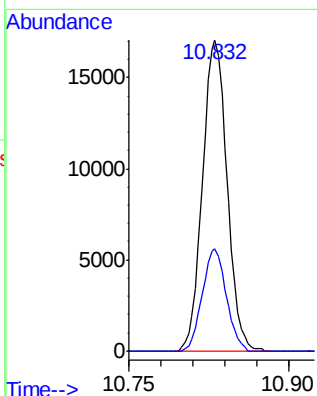
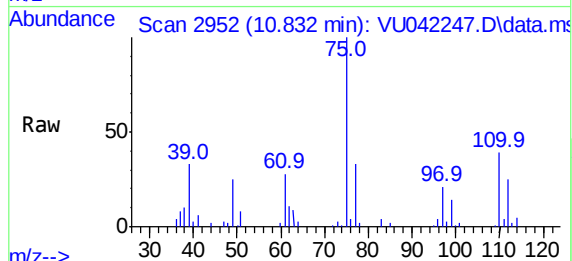




#59
1,2,3-Trichloropropane
Concen: 5.60 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

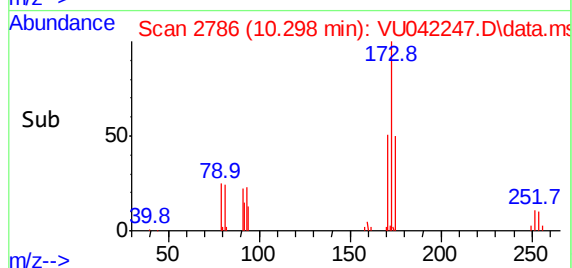
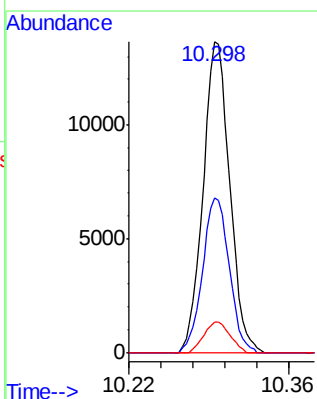
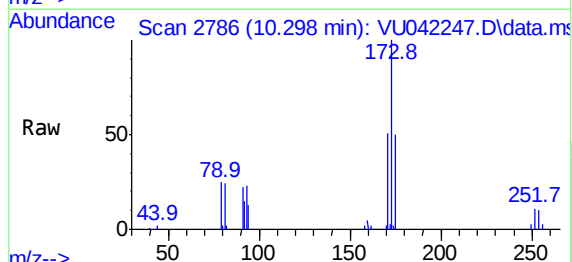
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

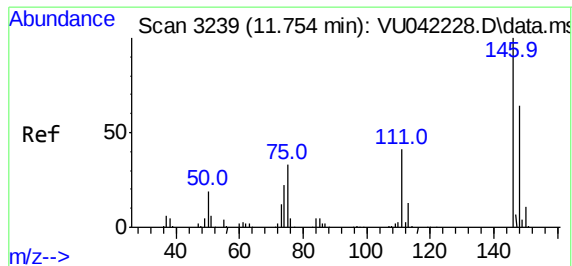
Tgt Ion: 75 Resp: 28115
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0



#61
Bromoform
Concen: 4.96 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion:173 Resp: 22612
Ion Ratio Lower Upper
173 100
175 49.9 38.7 58.1
254 9.5 7.9 11.9

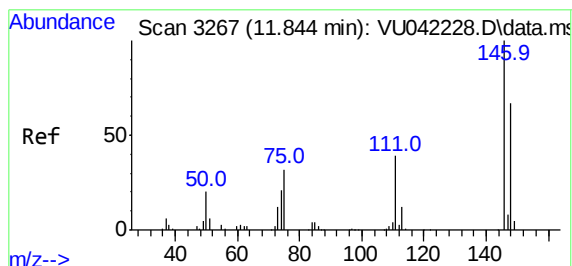
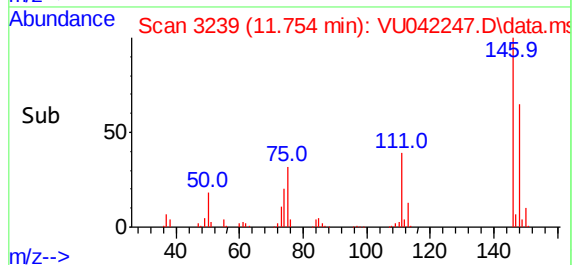
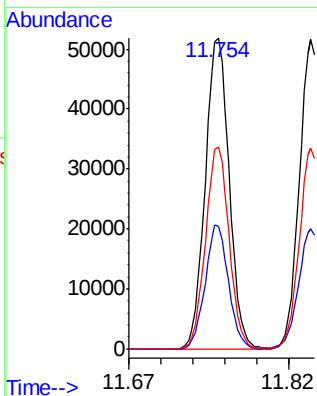
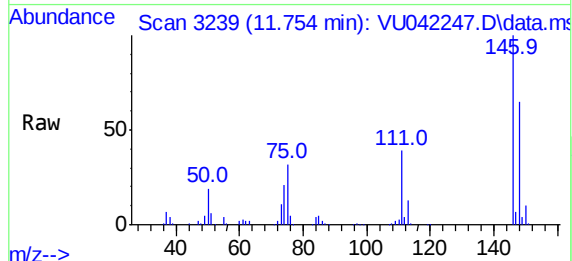




#62
1,3-Dichlorobenzene
Concen: 5.28 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

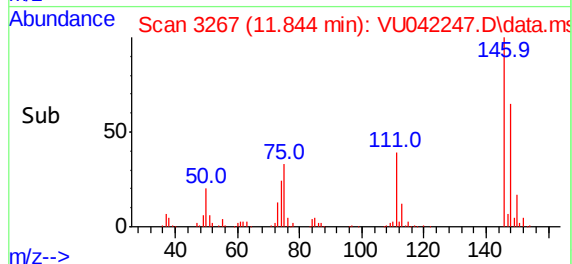
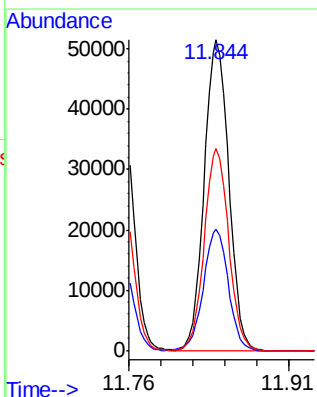
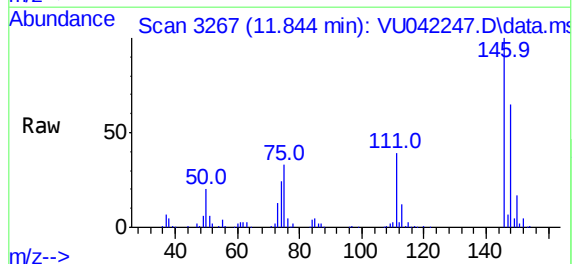
Instrument :
MSVOA_U
ClientSampled :
VSTD00530

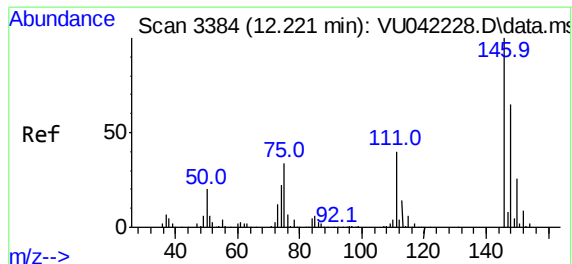
Tgt Ion:146 Resp: 83192
Ion Ratio Lower Upper
146 100
111 39.4 27.2 50.4
148 65.1 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.16 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion:146 Resp: 81319
Ion Ratio Lower Upper
146 100
111 39.0 25.8 47.8
148 65.1 44.1 81.9

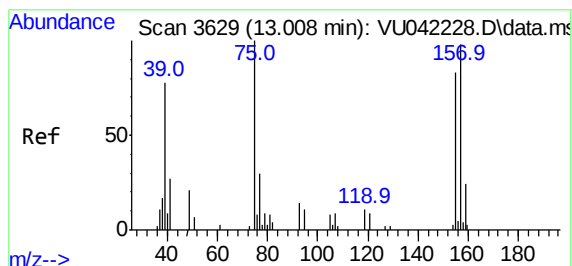
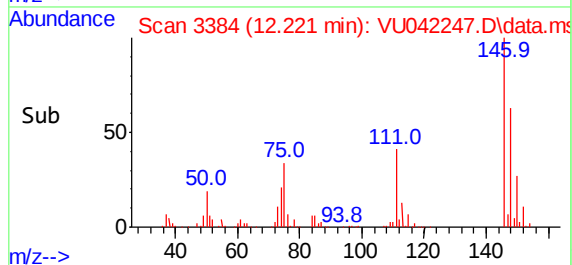
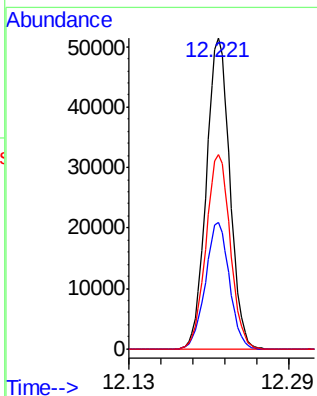
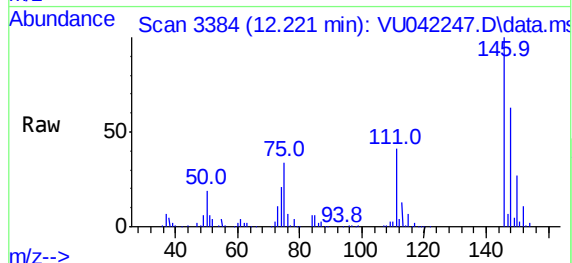




#65
1,2-Dichlorobenzene
Concen: 5.54 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

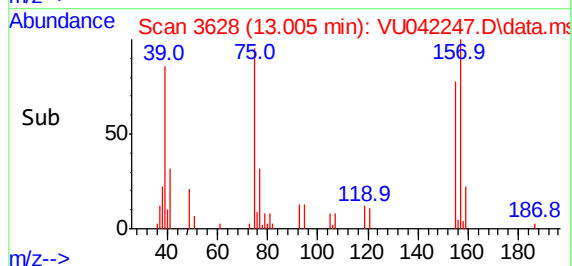
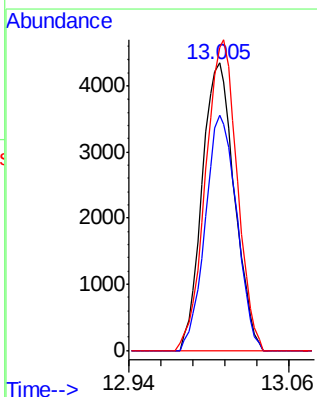
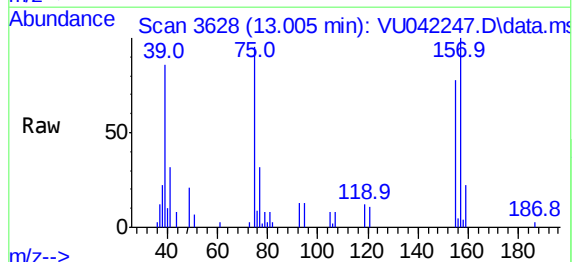
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

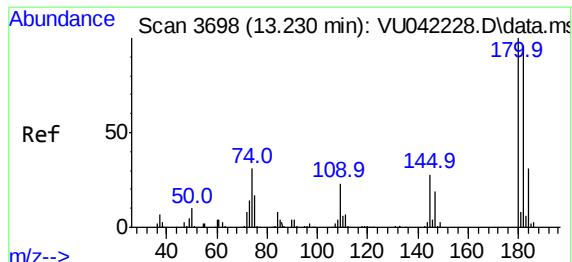
Tgt Ion:146 Resp: 81110
Ion Ratio Lower Upper
146 100
111 40.5 32.7 49.1
148 62.6 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.42 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion: 75 Resp: 7085
Ion Ratio Lower Upper
75 100
155 81.8 69.0 103.6
157 105.4 91.0 136.6

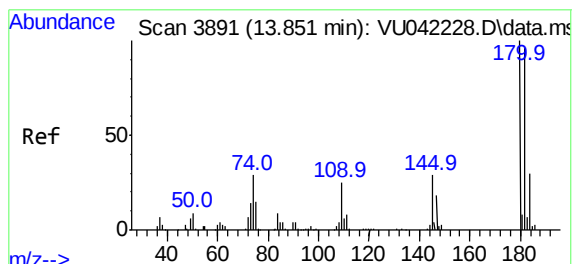
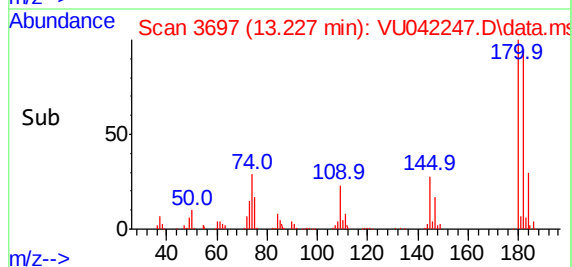
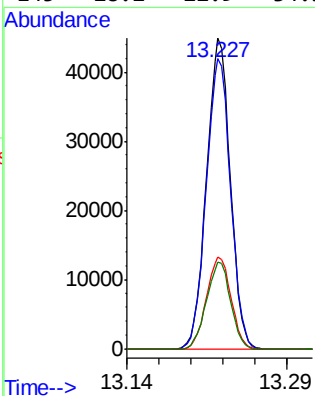
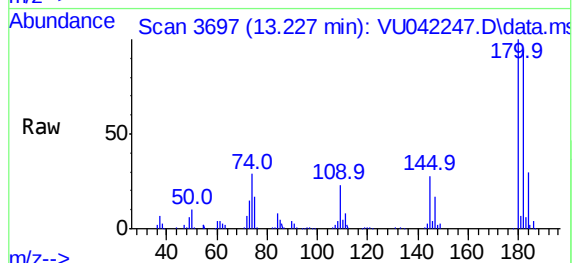




#67
1,3,5-Trichlorobenzene
Concen: 5.45 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

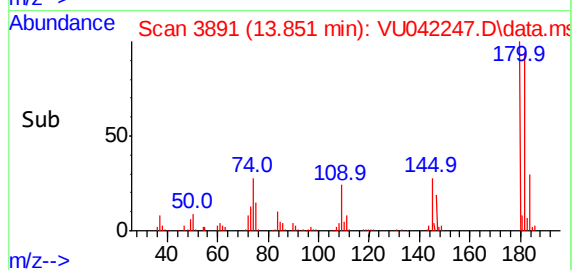
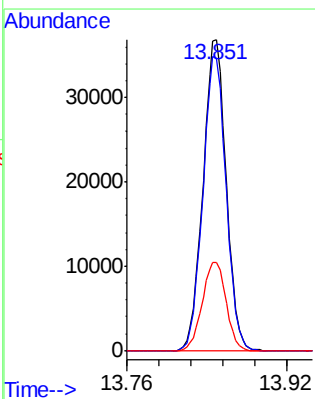
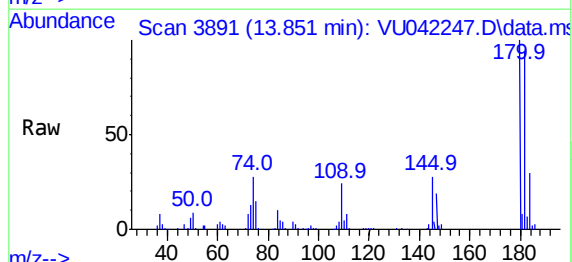
Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

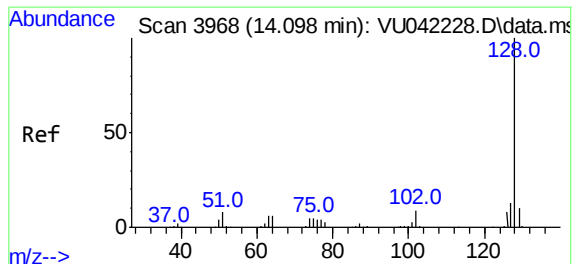
Tgt Ion:180 Resp: 68654
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
184 30.5 23.9 35.9
145 28.2 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 5.73 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion:180 Resp: 57131
Ion Ratio Lower Upper
180 100
182 95.1 76.3 114.5
145 29.0 23.7 35.5

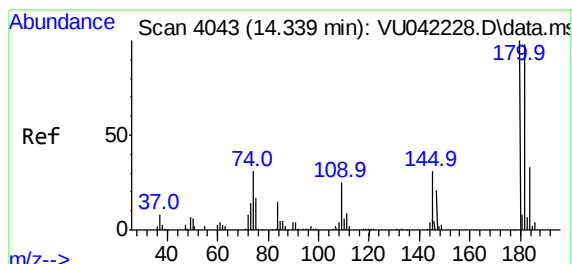
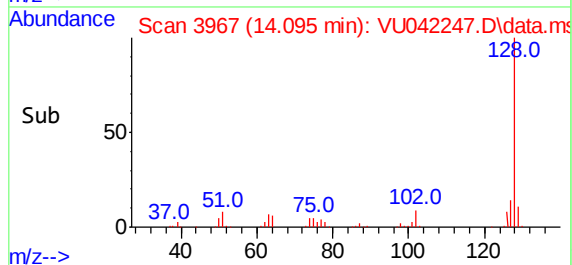
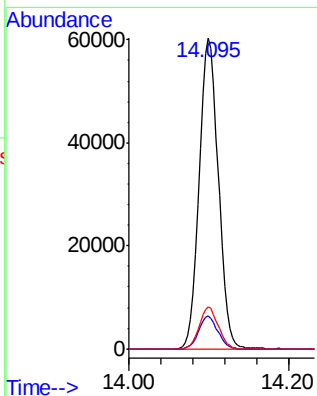
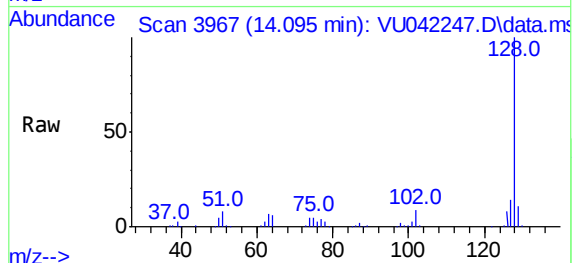




#69
Naphthalene
Concen: 6.67 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Tgt Ion:128 Resp: 97165
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.3 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 5.88 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042247.D
Acq: 03 Feb 2021 21:02

Tgt Ion:180 Resp: 51897
Ion Ratio Lower Upper
180 100
182 95.5 75.6 113.4
145 30.6 24.7 37.1

