

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042246.D
 Acq On : 03 Feb 2021 20:38
 Operator : SY/MD
 Sample : M1259-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E65

Quant Time: Feb 04 04:27:57 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	98179	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	92743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48051	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29612	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	93.60%		
7) Chloroethane-d5	1.919	69	25739	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	101.00%		
11) 1,1-Dichloroethene-d2	2.575	63	53898	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	77.20%		
20) 2-Butanone-d5	4.652	46	123150	53.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	106.58%		
24) Chloroform-d	5.076	84	65378	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.80%		
26) 1,2-Dichloroethane-d4	5.713	65	41019	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	103.60%		
32) Benzene-d6	5.738	84	123949	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.40%		
36) 1,2-Dichloropropane-d6	6.700	67	40273	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	103.20%		
41) Toluene-d8	7.906	98	114231	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.80%		
43) trans-1,3-Dichloroprop...	8.189	79	16658	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.20%		
46) 2-Hexanone-d5	8.645	63	88480	51.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	102.64%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32837	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	44771	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	103.80%		
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	411	0.05	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	561	0.08	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	425	0.06	ug/L #	1
13) Acetone	2.665	43	1066	0.69	ug/L	71
17) Methyl tert-butyl Ether	3.372	73	8876	0.46	ug/L	97
22) cis-1,2-Dichloroethene	4.677	96	8942	1.18	ug/L	91
25) Chloroform	5.099	83	3177	0.24	ug/L	95
27) 1,2-Dichloroethane	5.732	62	875	0.09	ug/L #	75
33) Benzene	5.729	78	1015	0.04	ug/L	100
34) Trichloroethene	6.549	95	7165	0.97	ug/L	90
35) Methylcyclohexane	6.700	83	9521	0.77	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4891	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1318	0.11	ug/L #	66
44) trans-1,3-Dichloropropene	8.185	75	799	0.07	ug/L #	80
45) 1,1,2-Trichloroethane	8.558	97	334	0.06	ug/L #	1
47) Tetrachloroethene	8.562	164	41626	6.80	ug/L	99
48) 2-Hexanone	8.645	43	12853	3.01	ug/L #	71
49) Dibromochloromethane	8.562	129	37724	5.33	ug/L #	12
59) 1,2,3-Trichloropropane	11.822	75	5522	1.09	ug/L	93

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 04 04:20:04 2021
Response via : Initial Calibration

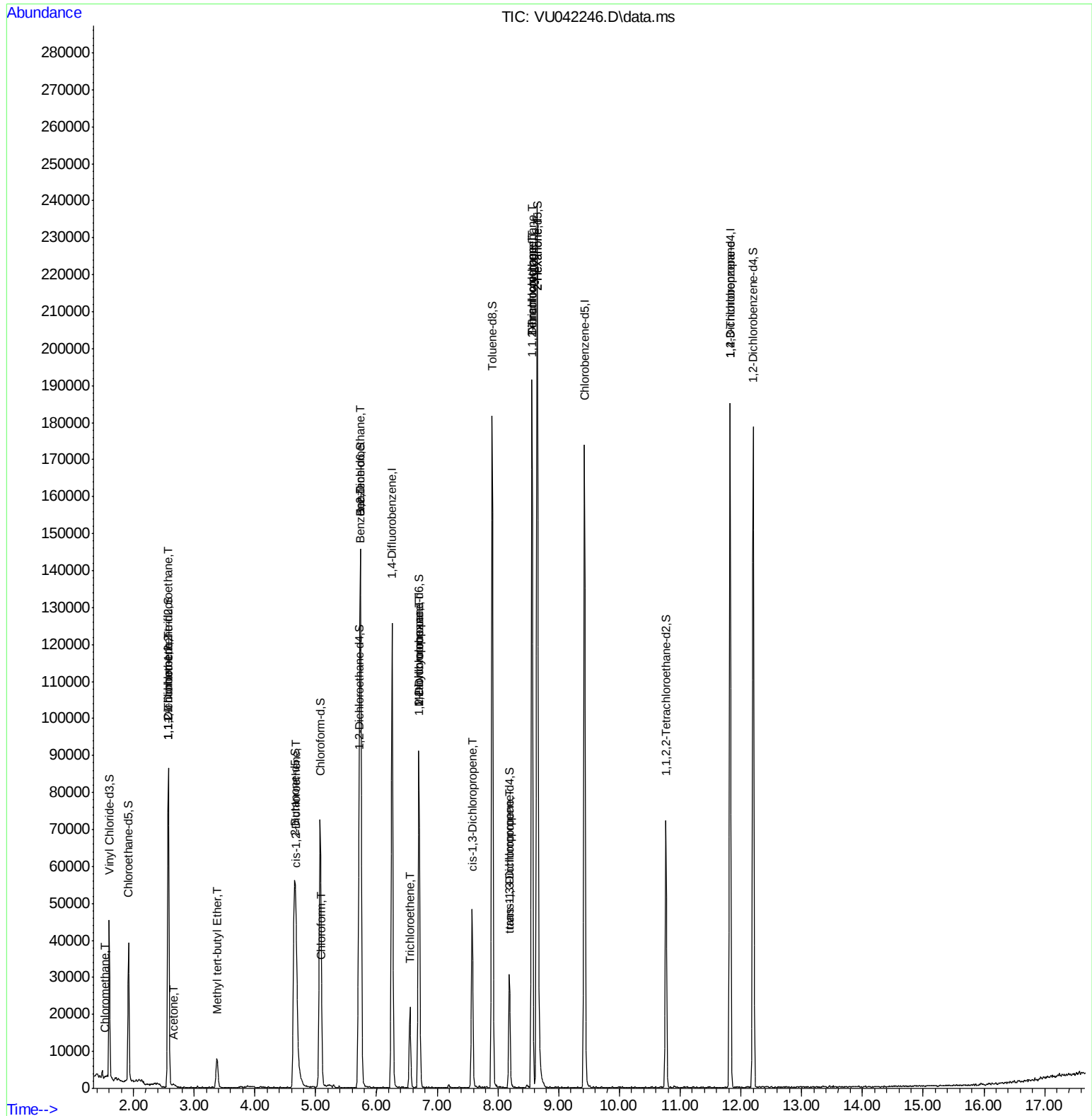
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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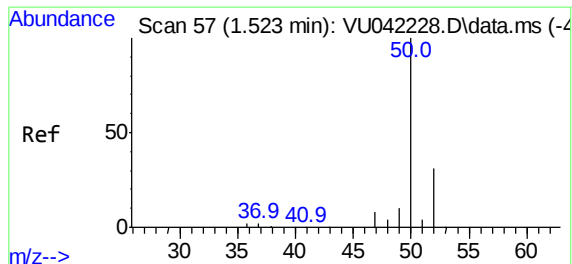
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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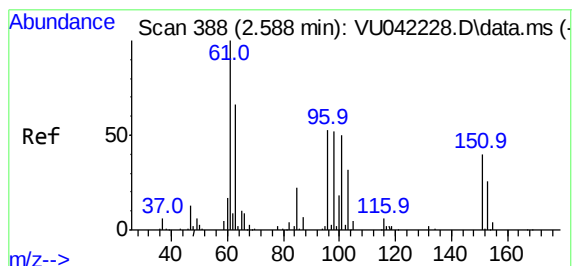
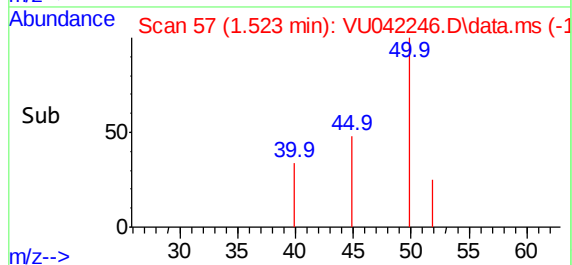
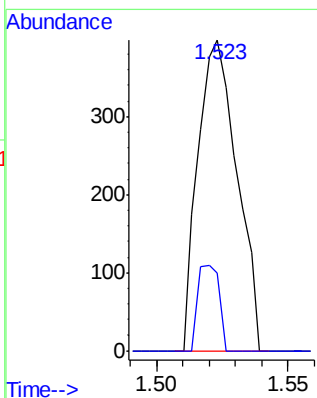
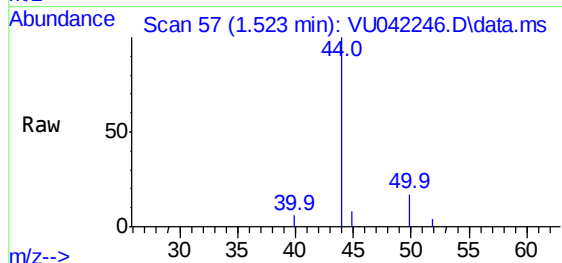




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

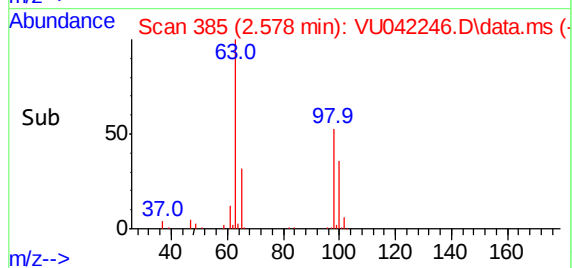
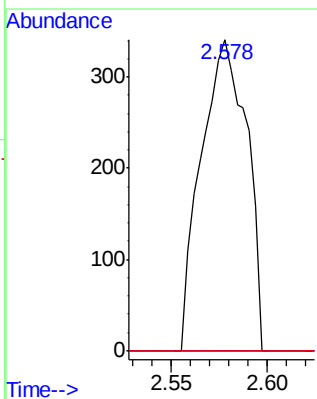
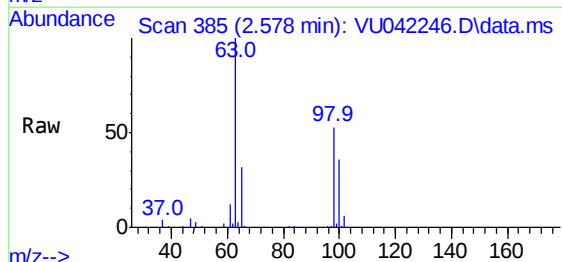
Instrument :
MSVOA_U
ClientSampleId :
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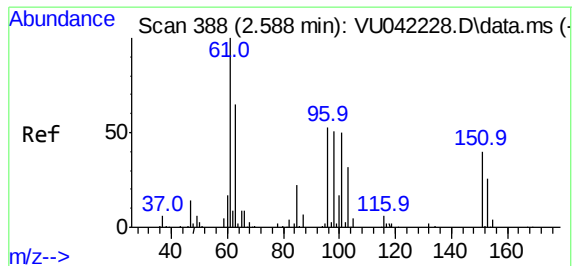
Tgt Ion: 50 Resp: 411
Ion Ratio Lower Upper
50 100
52 25.1 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.08 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

Tgt Ion: 101 Resp: 561
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

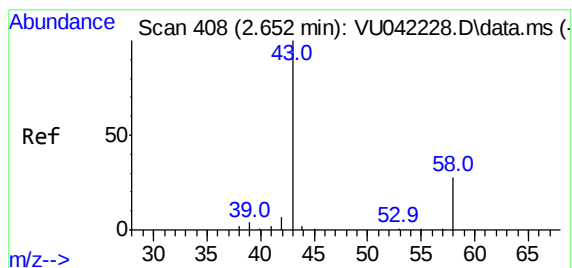
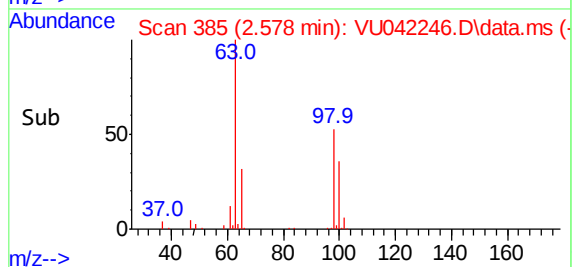
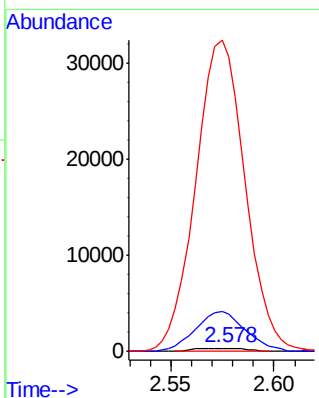
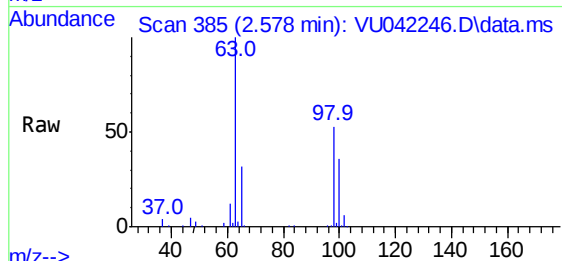




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

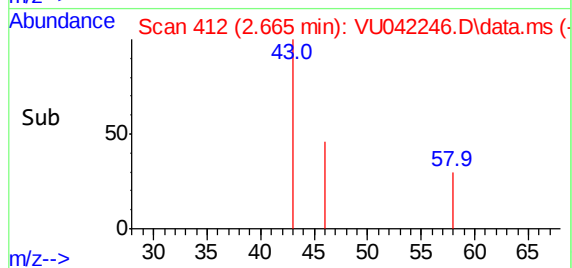
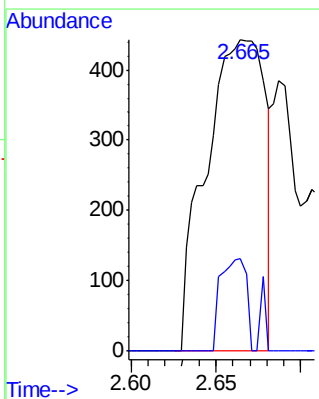
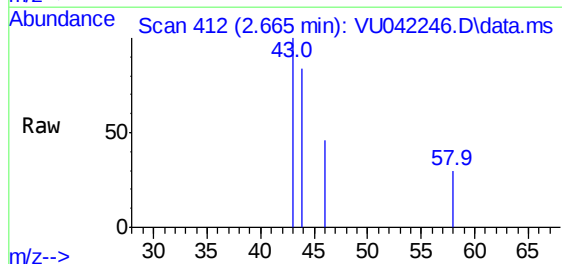
Instrument :
MSVOA_U
ClientSampled :
F1E65

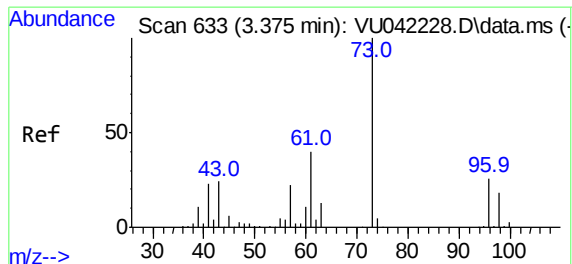
Tgt Ion: 96 Resp: 425
Ion Ratio Lower Upper
96 100
61 1491.4 126.2 234.4#
63 12037.6 77.8 144.4#



#13
Acetone
Concen: 0.69 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 12.9 0.0 55.8

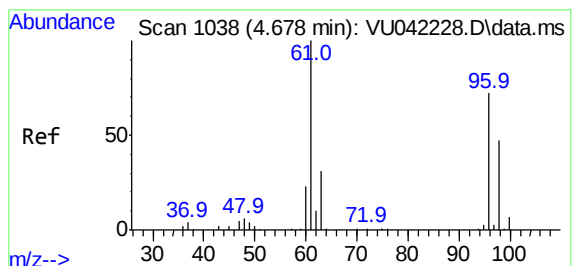
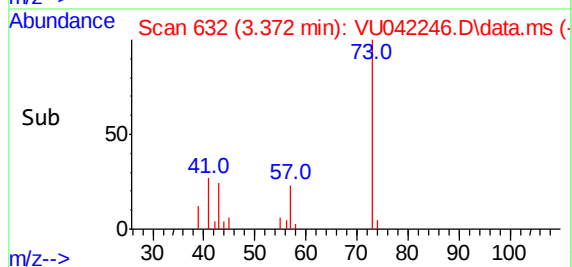
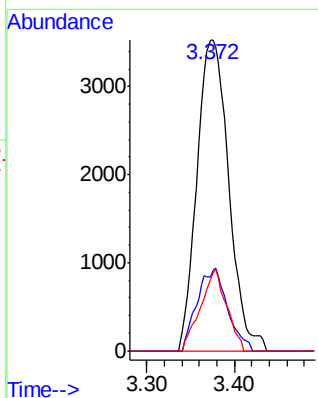
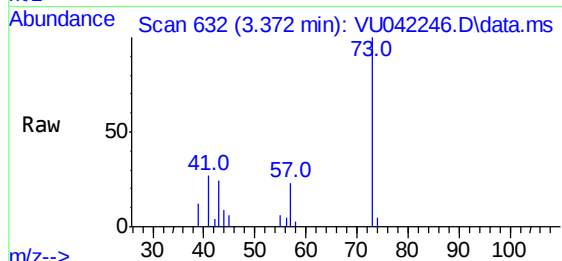




#17
Methyl tert-butyl Ether
Concen: 0.46 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

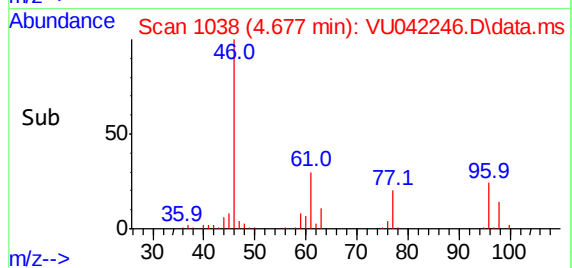
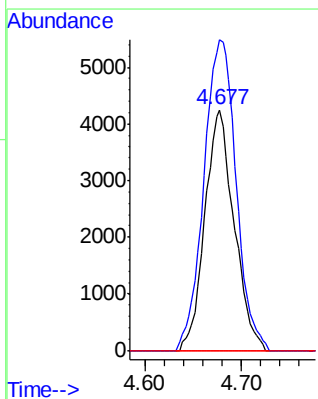
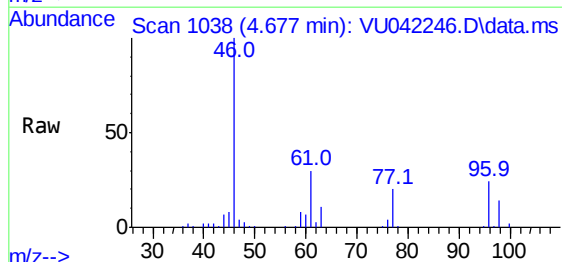
Instrument :
MSVOA_U
ClientSampleId :
F1E65

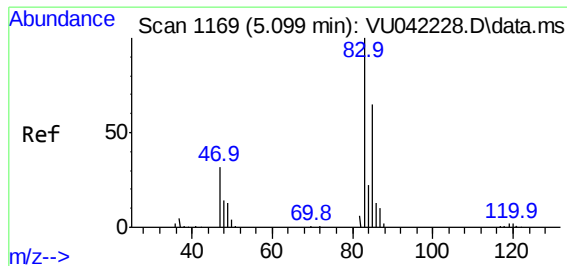
Tgt Ion: 73 Resp: 8876
Ion Ratio Lower Upper
73 100
43 25.3 18.9 28.3
57 21.5 18.2 27.4



#22
cis-1,2-Dichloroethene
Concen: 1.18 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

Tgt Ion: 96 Resp: 8942
Ion Ratio Lower Upper
96 100
61 129.1 97.8 181.6
68 0.0 0.0 0.0

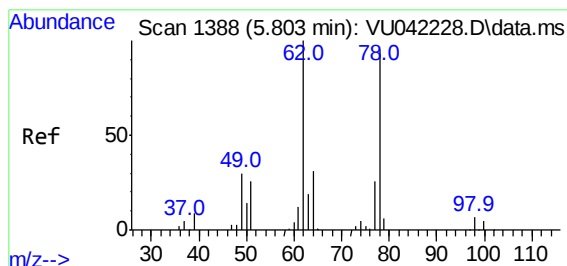
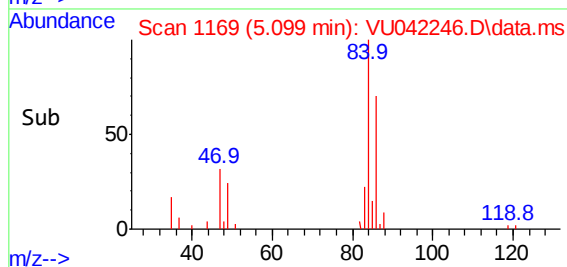
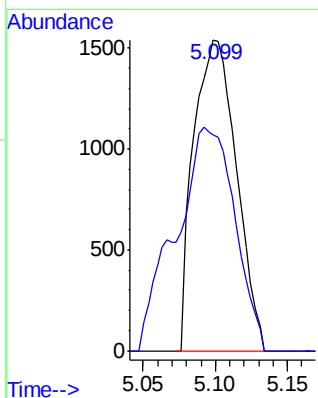
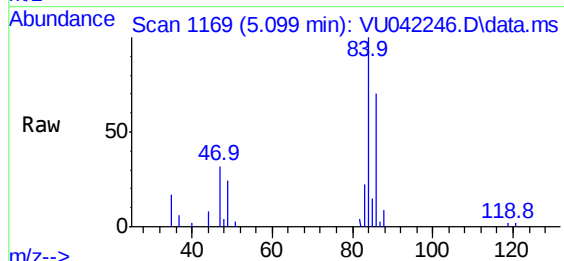




#25
Chloroform
Concen: 0.24 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

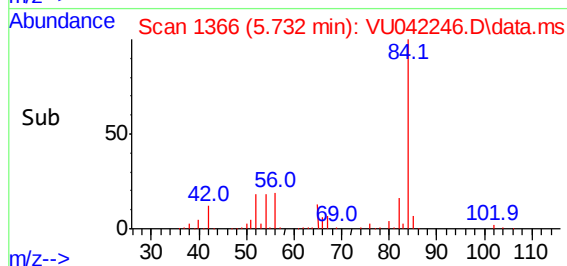
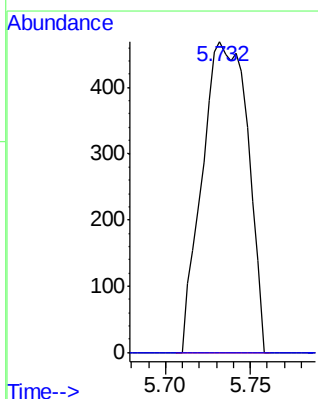
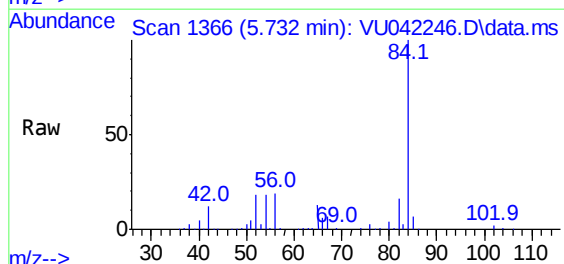
Instrument :
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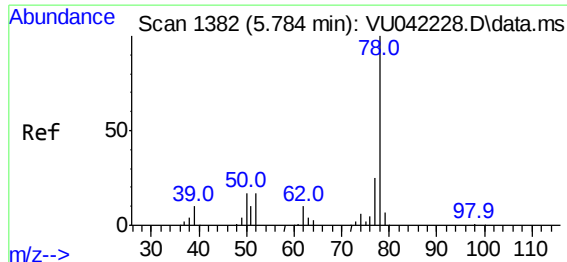
Tgt Ion: 83 Resp: 3177
Ion Ratio Lower Upper
83 100
85 69.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

Tgt Ion: 62 Resp: 875
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

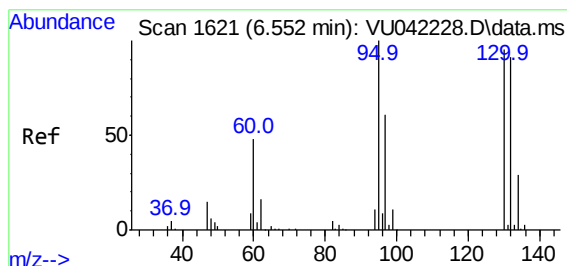
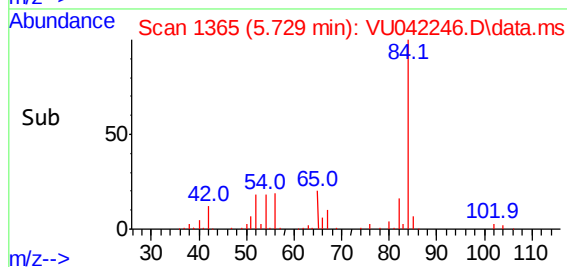
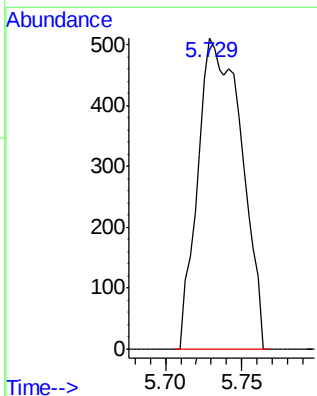
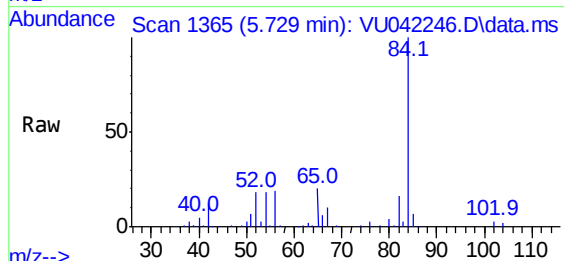




#33
Benzene
Concen: 0.04 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.055 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

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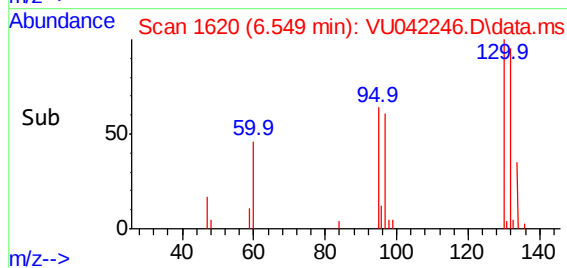
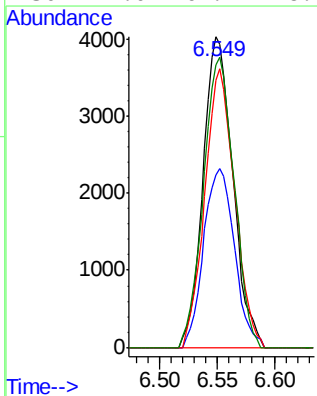
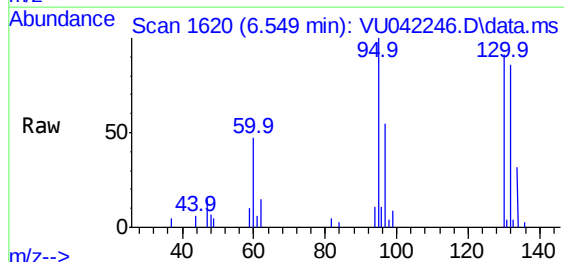
Tgt Ion: 78 Resp: 1015

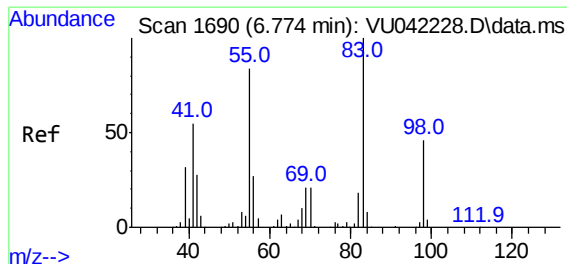


#34
Trichloroethene
Concen: 0.97 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
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Tgt Ion: 95 Resp: 7165

Ion	Ratio	Lower	Upper
95	100		
97	55.4	44.4	82.4
132	86.1	68.0	126.4
130	91.0	69.2	128.4

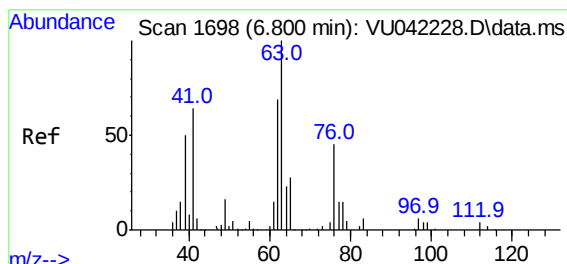
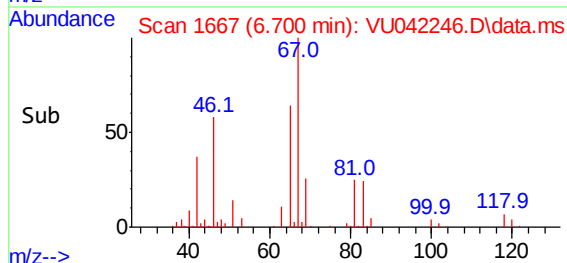
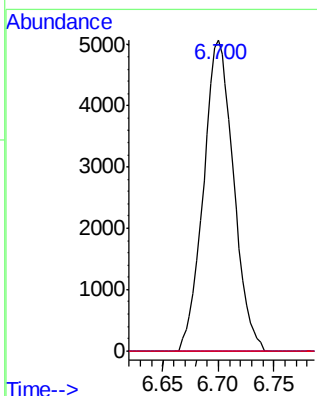
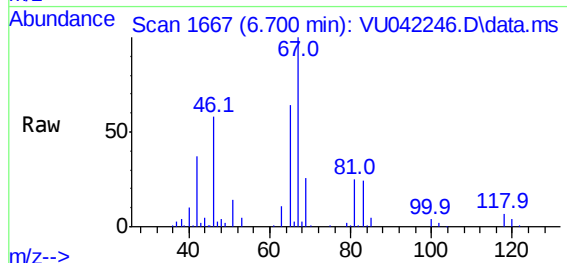




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

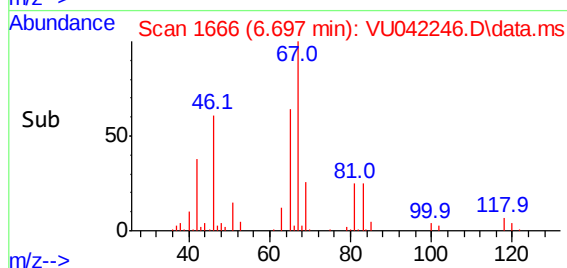
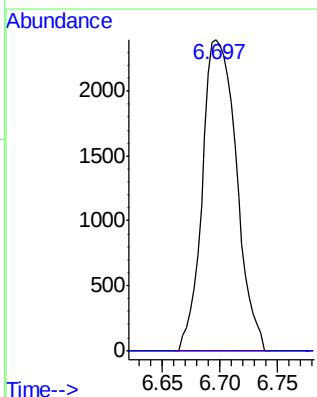
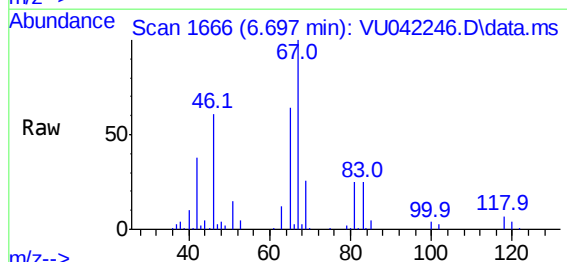
Instrument :
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ClientSampleId :
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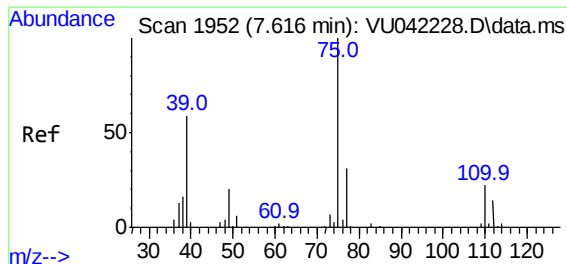
Tgt Ion: 83 Resp: 9521
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.6 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

Tgt Ion: 63 Resp: 4891
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

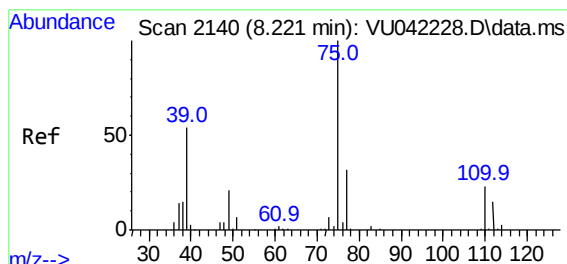
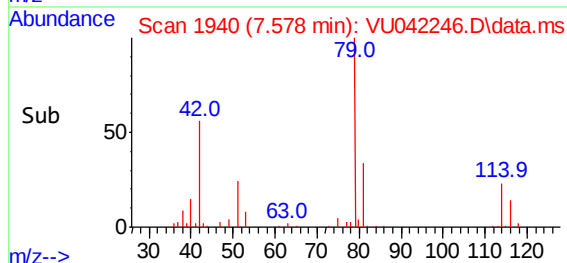
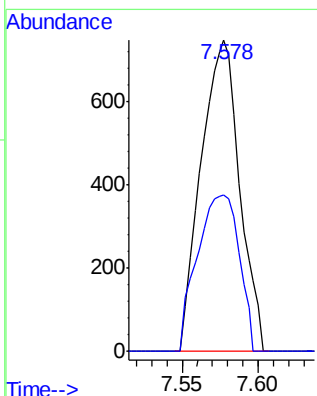
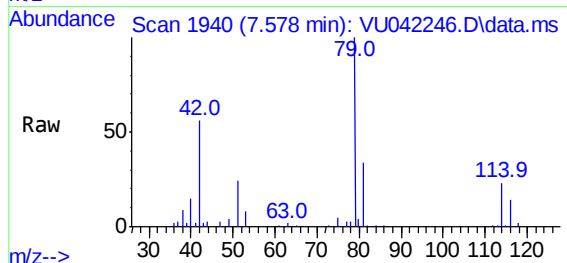




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

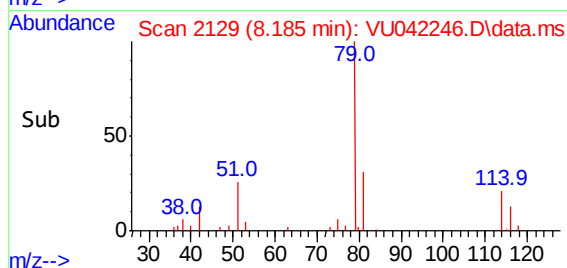
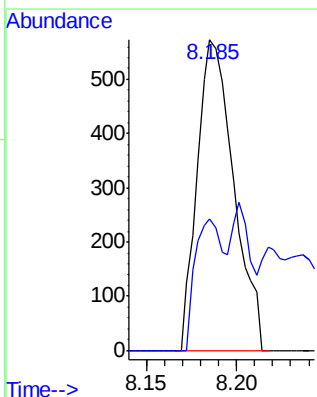
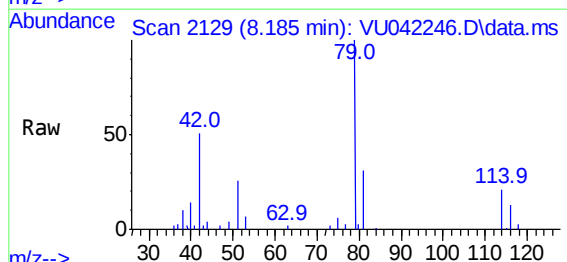
Instrument :
MSVOA_U
ClientSampleId :
F1E65

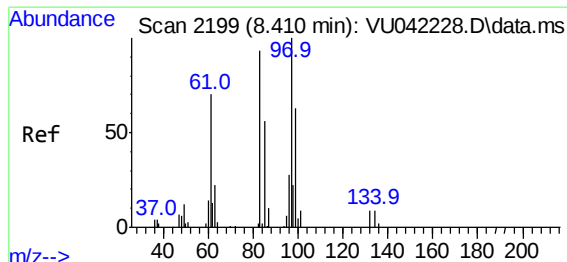
Tgt Ion: 75 Resp: 1318
Ion Ratio Lower Upper
75 100
77 50.1 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

Tgt Ion: 75 Resp: 799
Ion Ratio Lower Upper
75 100
77 42.2 21.8 40.4#

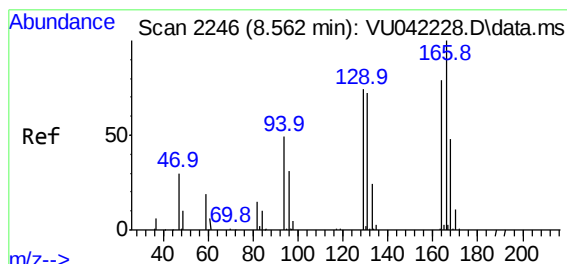
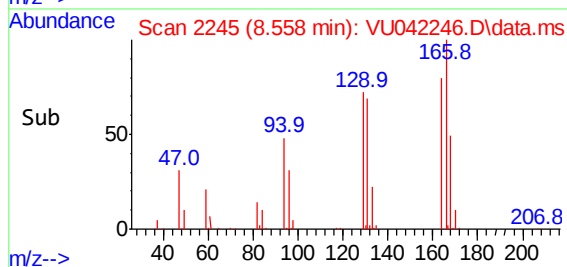
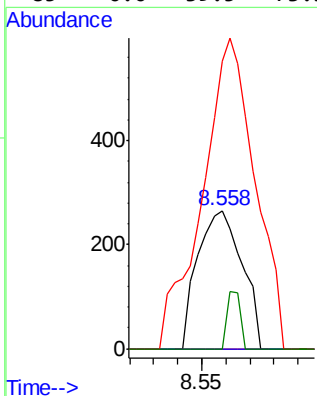
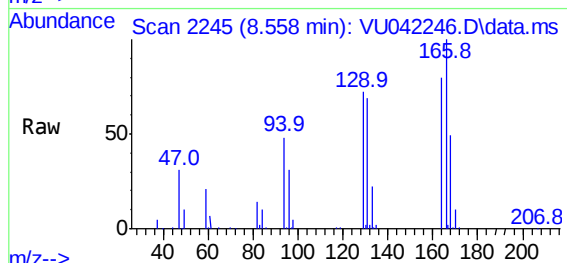




#45
1,1,2-Trichloroethane
Concen: 0.06 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.148 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

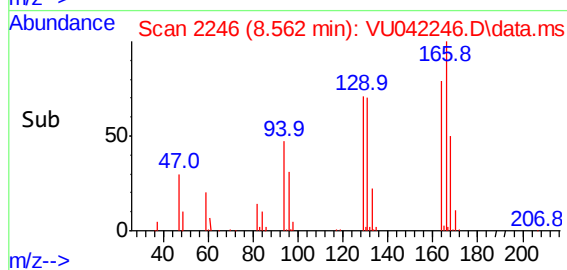
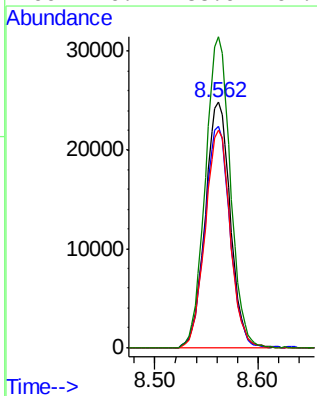
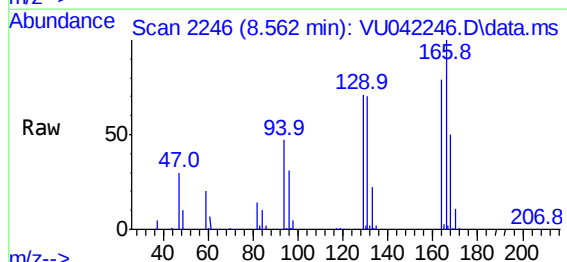
Instrument :
MSVOA_U
ClientSampleId :
F1E65

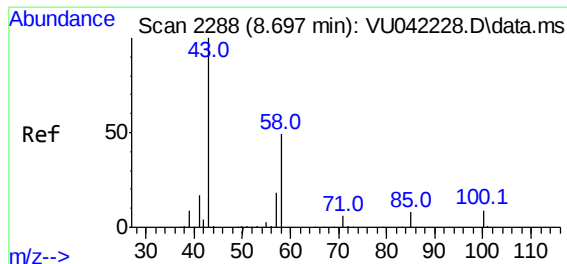
Tgt Ion: 97 Resp: 334
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 208.3 57.6 107.0#
85 0.0 39.5 73.3#



#47
Tetrachloroethene
Concen: 6.80 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

Tgt Ion: 164 Resp: 41626
Ion Ratio Lower Upper
164 100
129 90.1 64.3 119.5
131 88.8 62.2 115.6
166 126.7 88.6 164.6

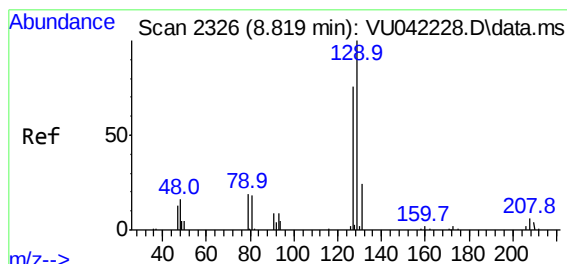
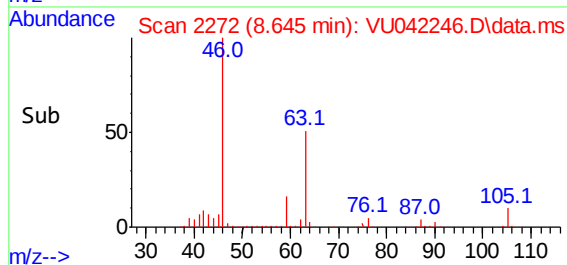
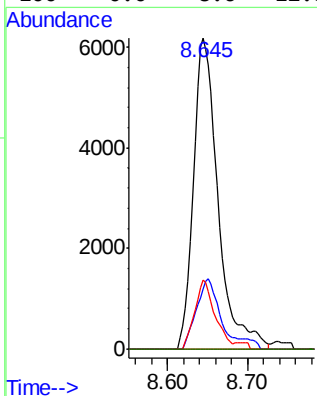
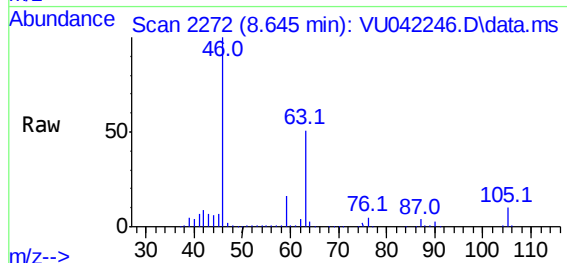




#48
2-Hexanone
Concen: 3.01 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

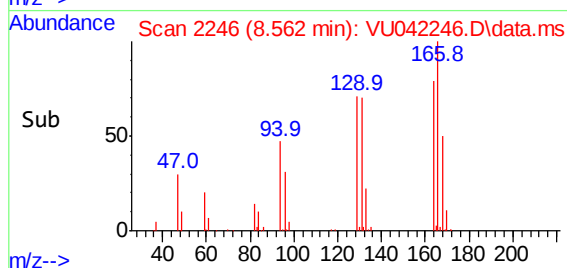
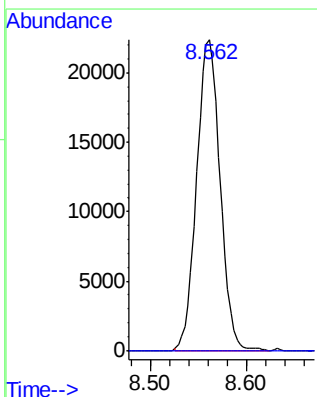
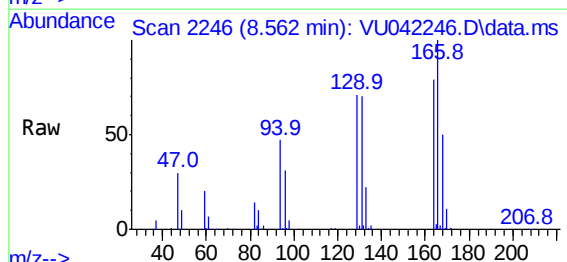
Instrument :
MSVOA_U
ClientSampleId :
F1E65

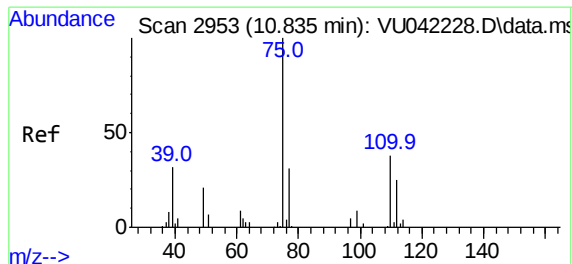
Tgt Ion: 43 Resp: 12853
Ion Ratio Lower Upper
43 100
58 23.1 40.6 61.0#
57 18.3 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 5.33 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042246.D
Acq: 03 Feb 2021 20:38

Tgt Ion: 129 Resp: 37724
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 1.09 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.987 min
 Lab File: VU042246.D
 Acq: 03 Feb 2021 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E65

Tgt Ion: 75 Resp: 5522
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.0 39.0

