

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042129.D
 Acq On : 21 Jan 2021 01:09
 Operator : SY/MD
 Sample : L1180-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E27

Quant Time: Jan 21 06:05:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

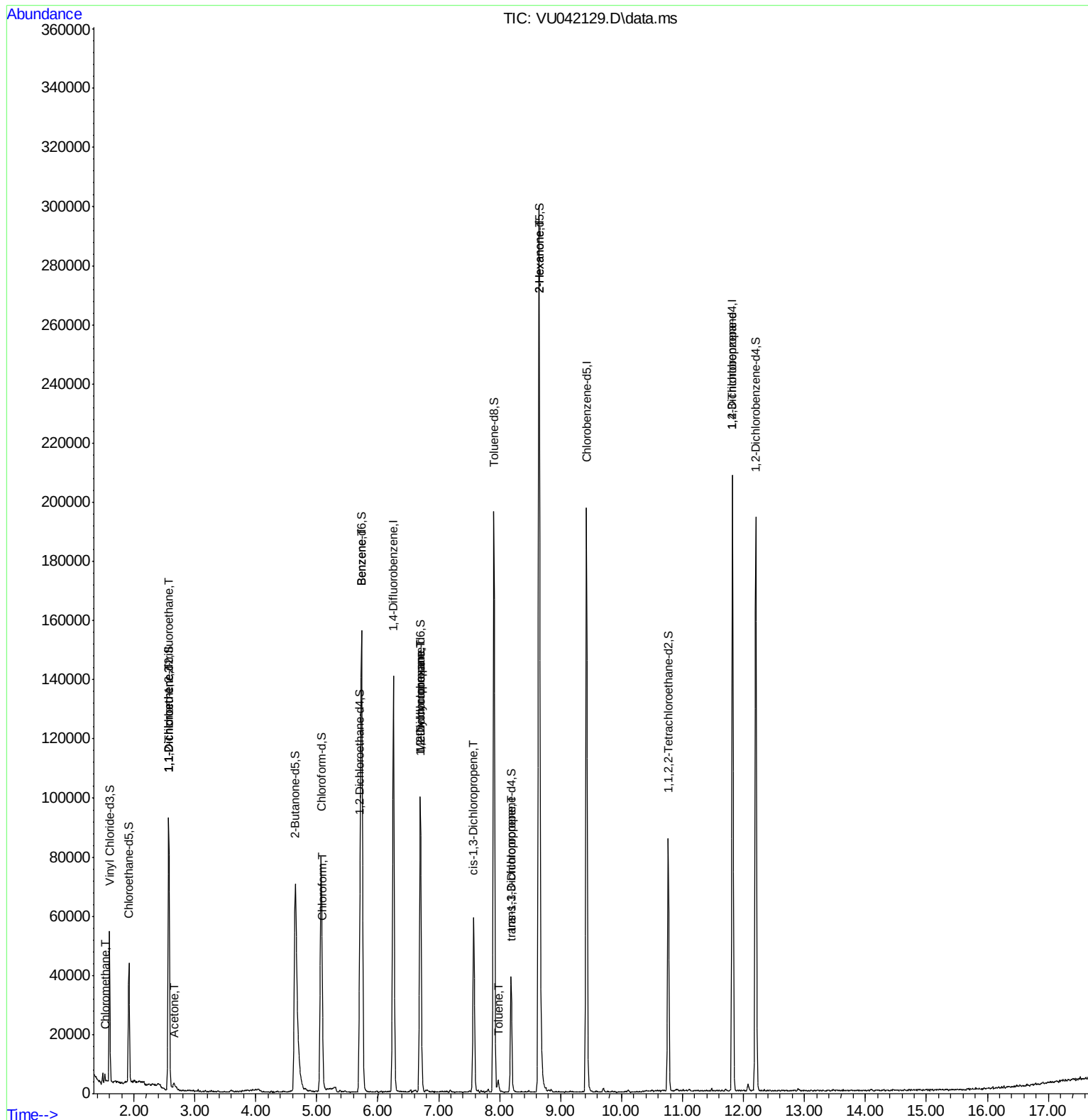
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110754	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	103643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	54558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	32659	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.919	69	27351	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.572	63	55850	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	4.649	46	154930	59.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.86%			
24) Chloroform-d	5.073	84	70694	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.710	65	44903	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.735	84	134540	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.700	67	44304	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.906	98	121309	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloroprop...	8.186	79	21504	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.645	63	111944	58.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.20%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	40130	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.201	152	48641	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1767	0.19	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	450	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	456	0.06	ug/L #	1
13) Acetone	2.658	43	2043	1.18	ug/L	77
25) Chloroform	5.089	83	1295	0.09	ug/L #	62
33) Benzene	5.735	78	989	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	10573	0.77	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	5149	0.64	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1407	0.11	ug/L #	62
42) Toluene	7.977	91	2606	0.08	ug/L	93
44) trans-1,3-Dichloropropene	8.192	75	975	0.08	ug/L #	66
48) 2-Hexanone	8.645	43	14554	3.05	ug/L #	73
59) 1,2,3-Trichloropropane	11.819	75	5982	1.05	ug/L	92

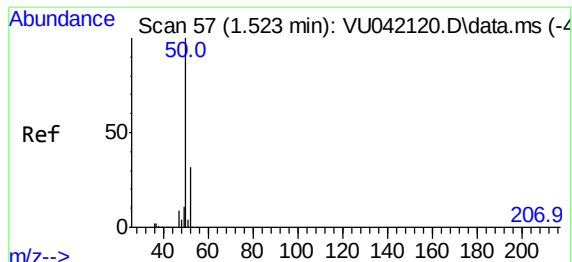
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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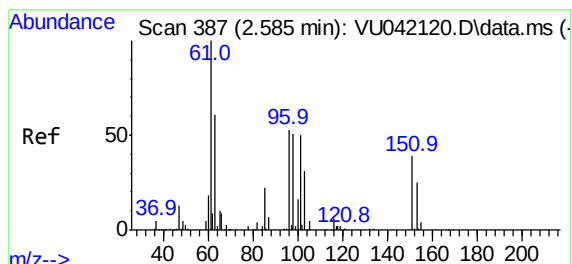
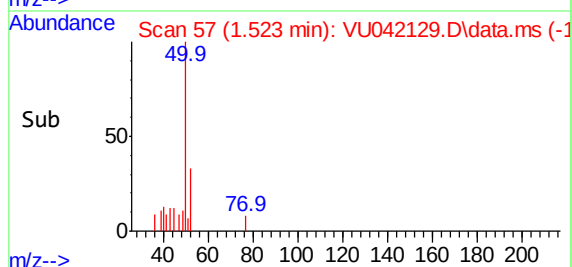
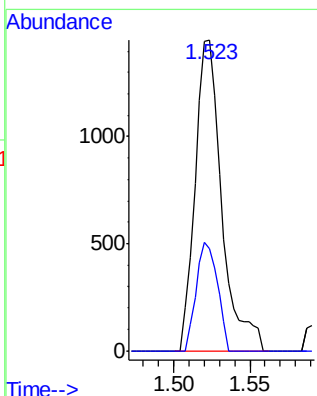
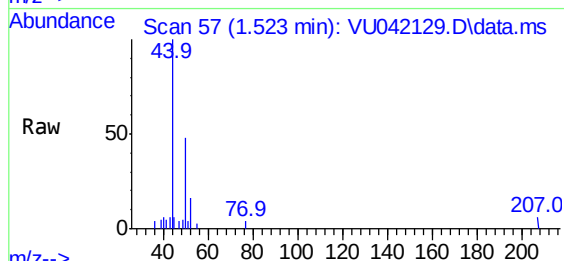




#3
Chloromethane
Concen: 0.19 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

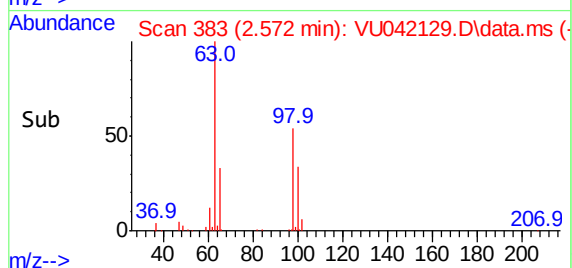
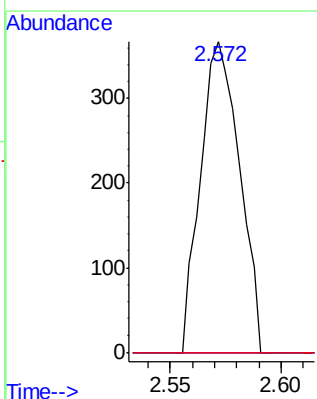
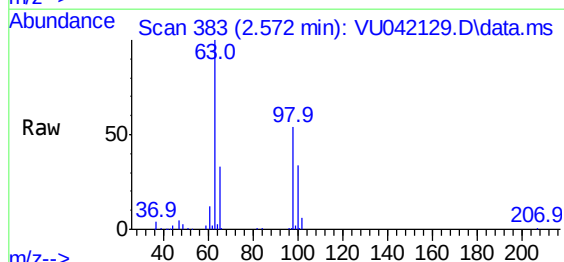
Instrument :
MSVOA_U
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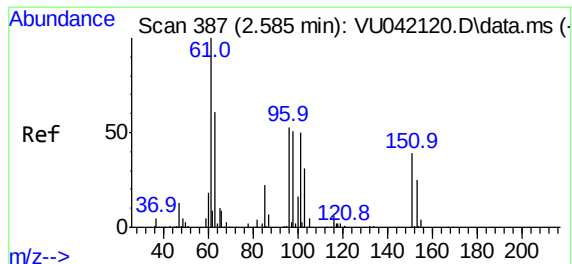
Tgt Ion: 50 Resp: 1767
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

Tgt Ion:101 Resp: 450
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

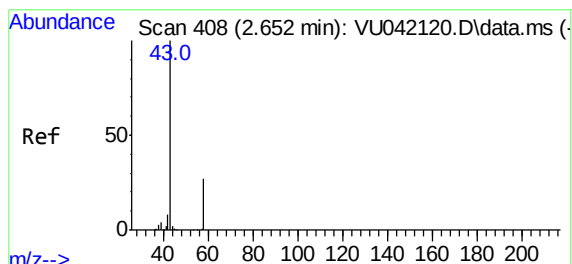
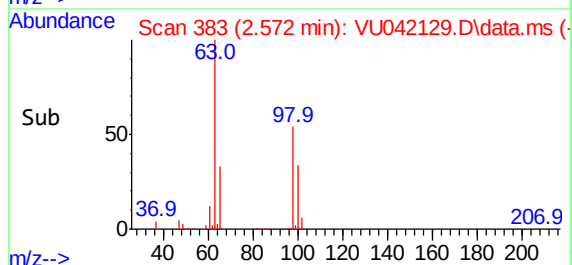
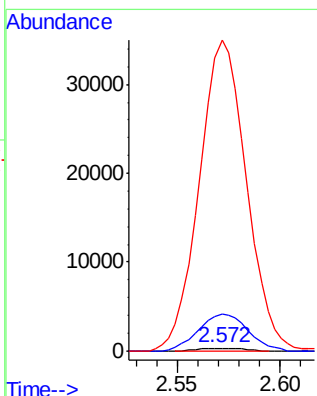
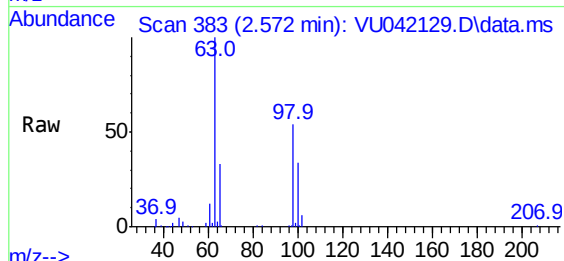




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

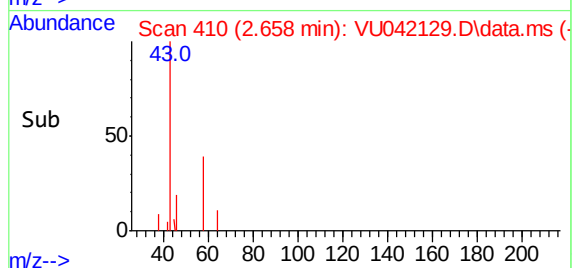
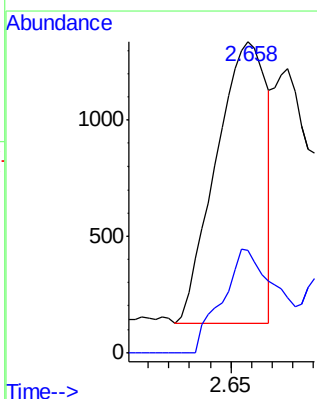
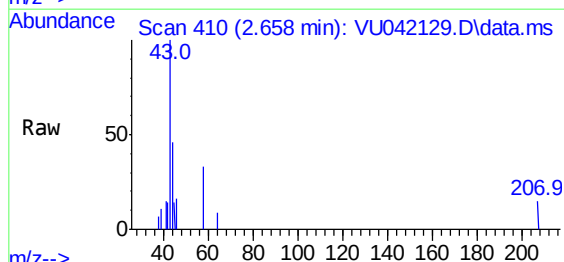
Instrument :
MSVOA_U
ClientSampleId :
F1E27

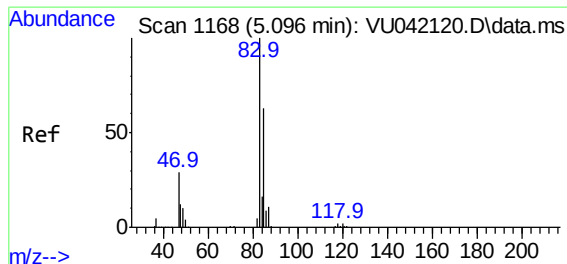
Tgt Ion: 96 Resp: 456
Ion Ratio Lower Upper
96 100
61 1284.1 126.2 234.4#
63 10937.5 77.8 144.4#



#13
Acetone
Concen: 1.18 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 39.9 0.0 55.8

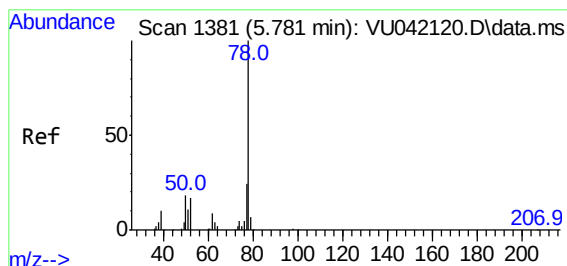
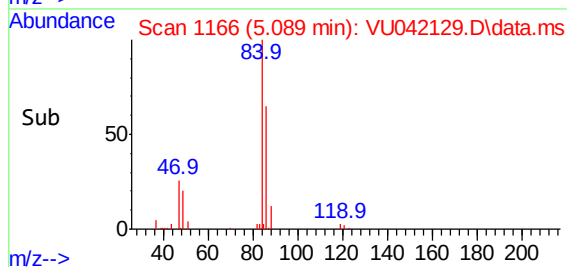
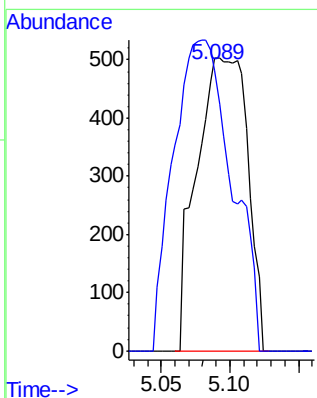
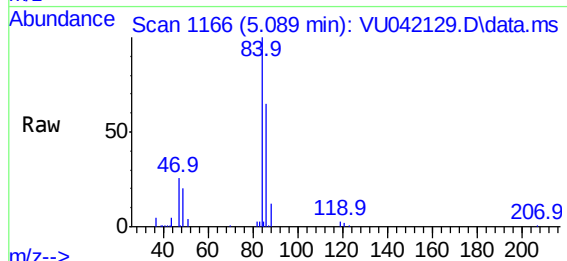




#25
Chloroform
Concen: 0.09 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

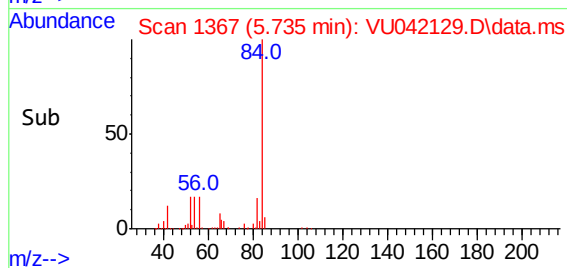
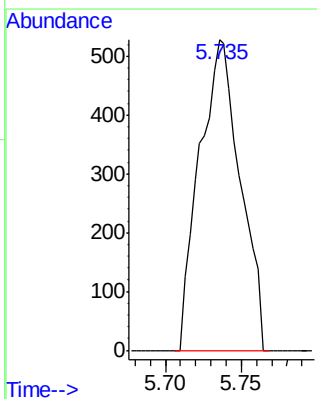
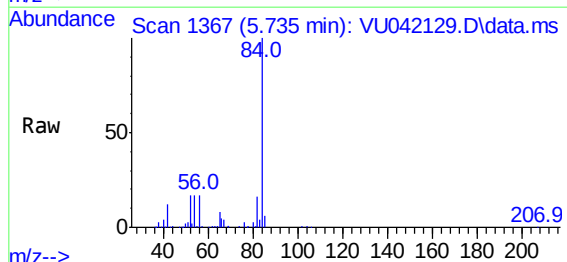
Instrument :
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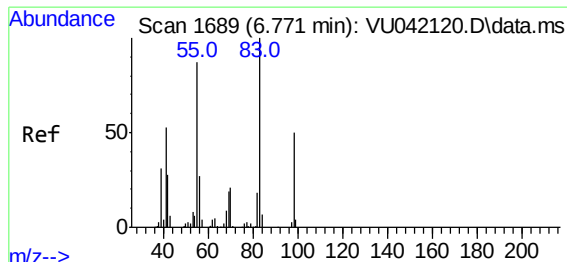
Tgt Ion: 83 Resp: 1295
Ion Ratio Lower Upper
83 100
85 95.6 45.7 84.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.045 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

Tgt Ion: 78 Resp: 989

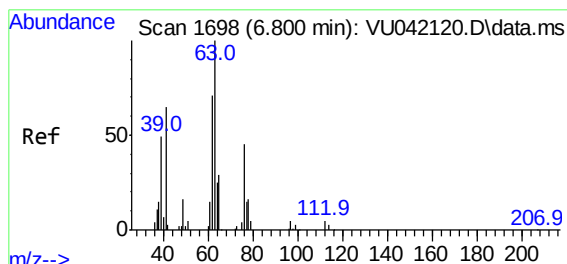
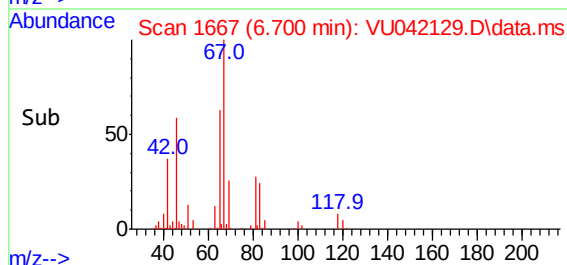
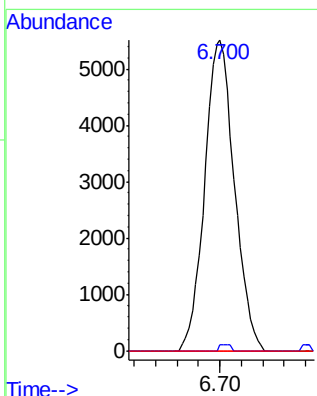
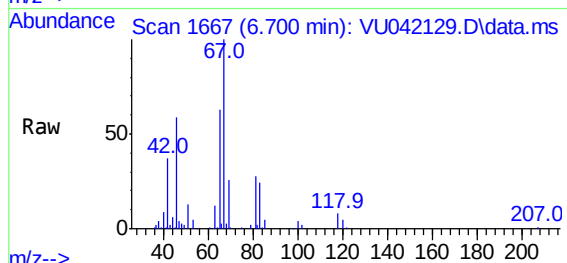




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

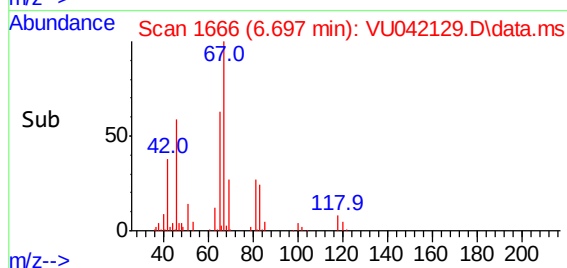
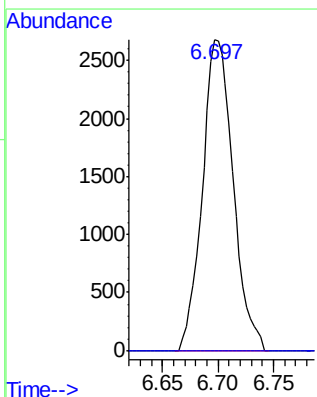
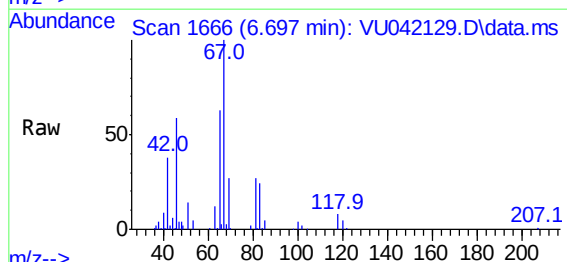
Instrument :
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ClientSampleId :
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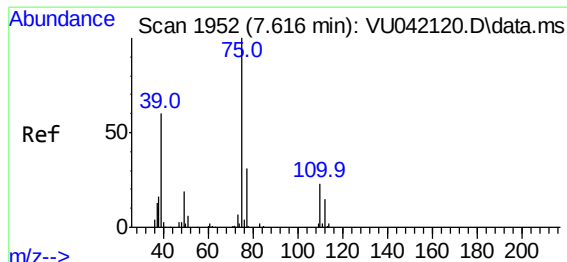
Tgt Ion: 83 Resp: 10573
Ion Ratio Lower Upper
83 100
55 0.8 68.2 102.4#
98 0.4 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

Tgt Ion: 63 Resp: 5149
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

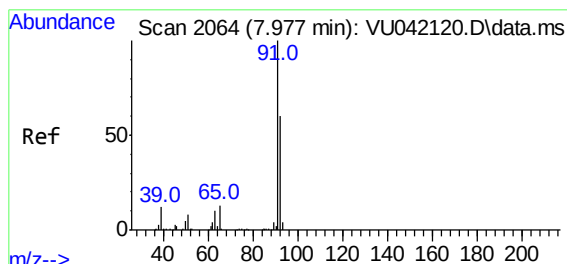
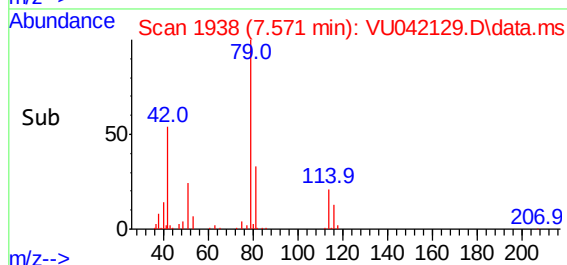
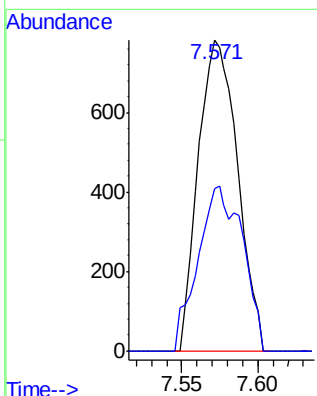
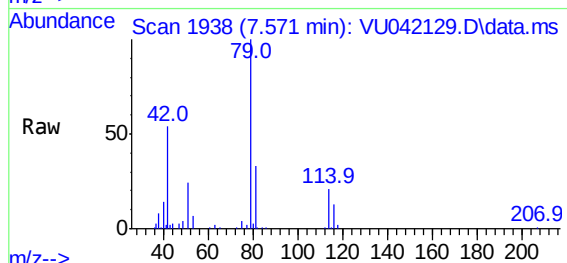




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

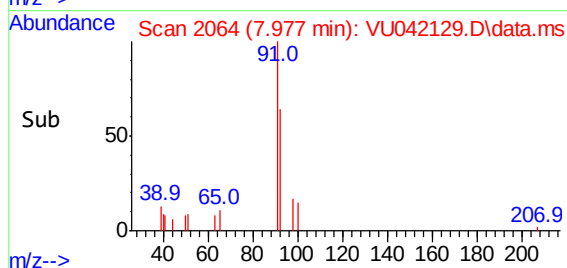
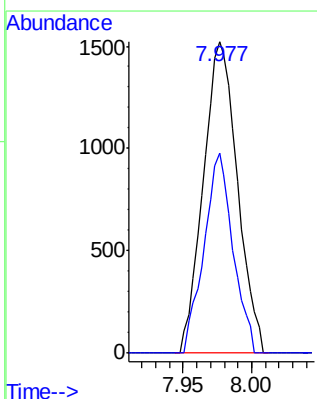
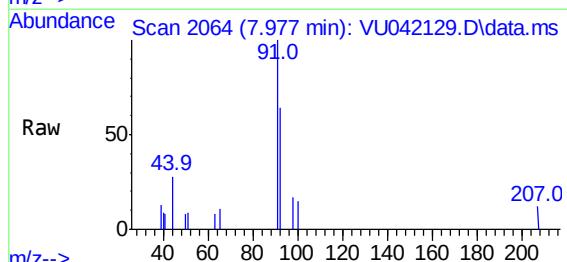
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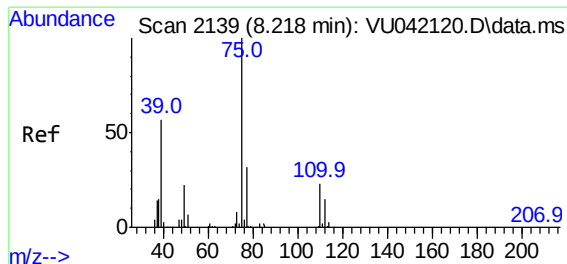
Tgt Ion: 75 Resp: 1407
Ion Ratio Lower Upper
75 100
77 52.2 22.0 40.8#



#42
Toluene
Concen: 0.08 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

Tgt Ion: 91 Resp: 2606
Ion Ratio Lower Upper
91 100
92 64.0 41.2 76.6



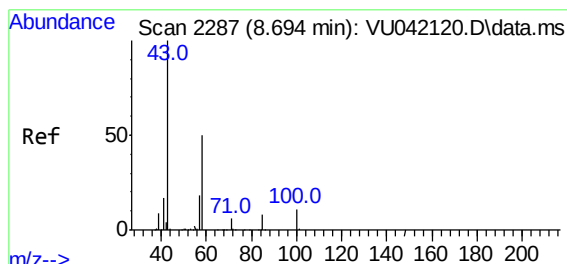
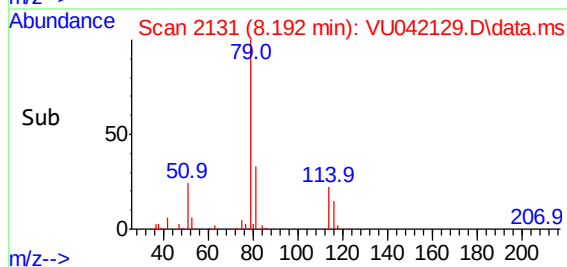
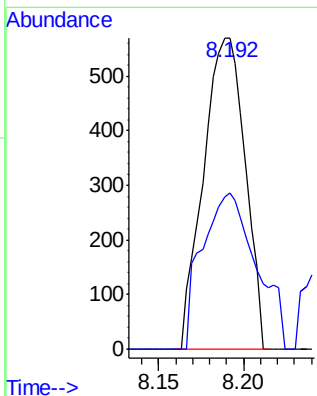
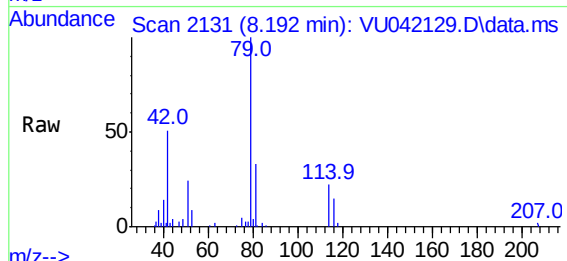


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

Instrument :
MSVOA_U
ClientSampled :
F1E27

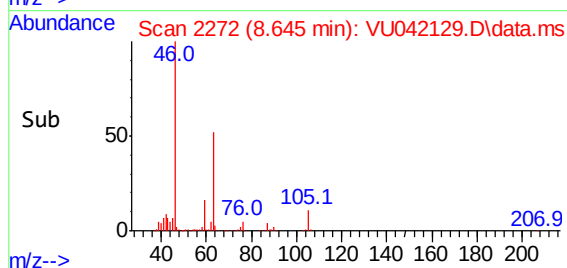
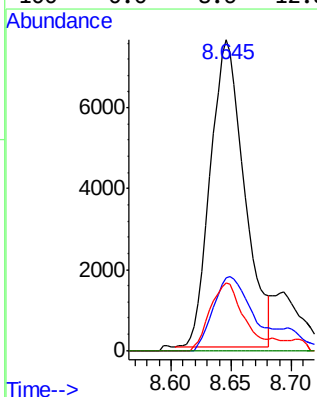
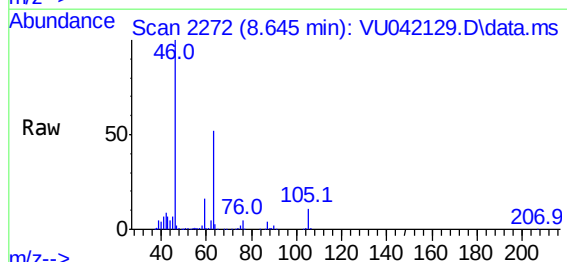
Tgt Ion: 75 Resp: 975
Ion Ratio Lower Upper
75 100
77 50.0 21.8 40.4#

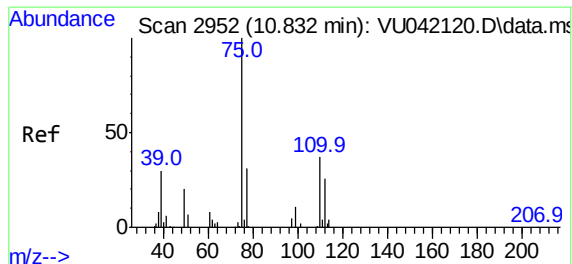


#48

2-Hexanone
Concen: 3.05 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042129.D
Acq: 21 Jan 2021 01:09

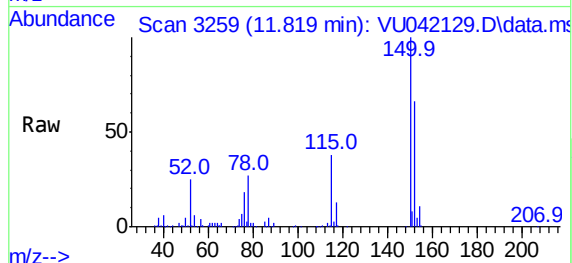
Tgt Ion: 43 Resp: 14554
Ion Ratio Lower Upper
43 100
58 28.7 40.6 61.0#
57 23.4 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.05 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042129.D
 Acq: 21 Jan 2021 01:09

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E27



Tgt Ion: 75 Resp: 5982
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.0 39.0

