

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042134.D
 Acq On : 21 Jan 2021 03:10
 Operator : SY/MD
 Sample : L1180-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E87

Quant Time: Jan 21 06:06:57 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)

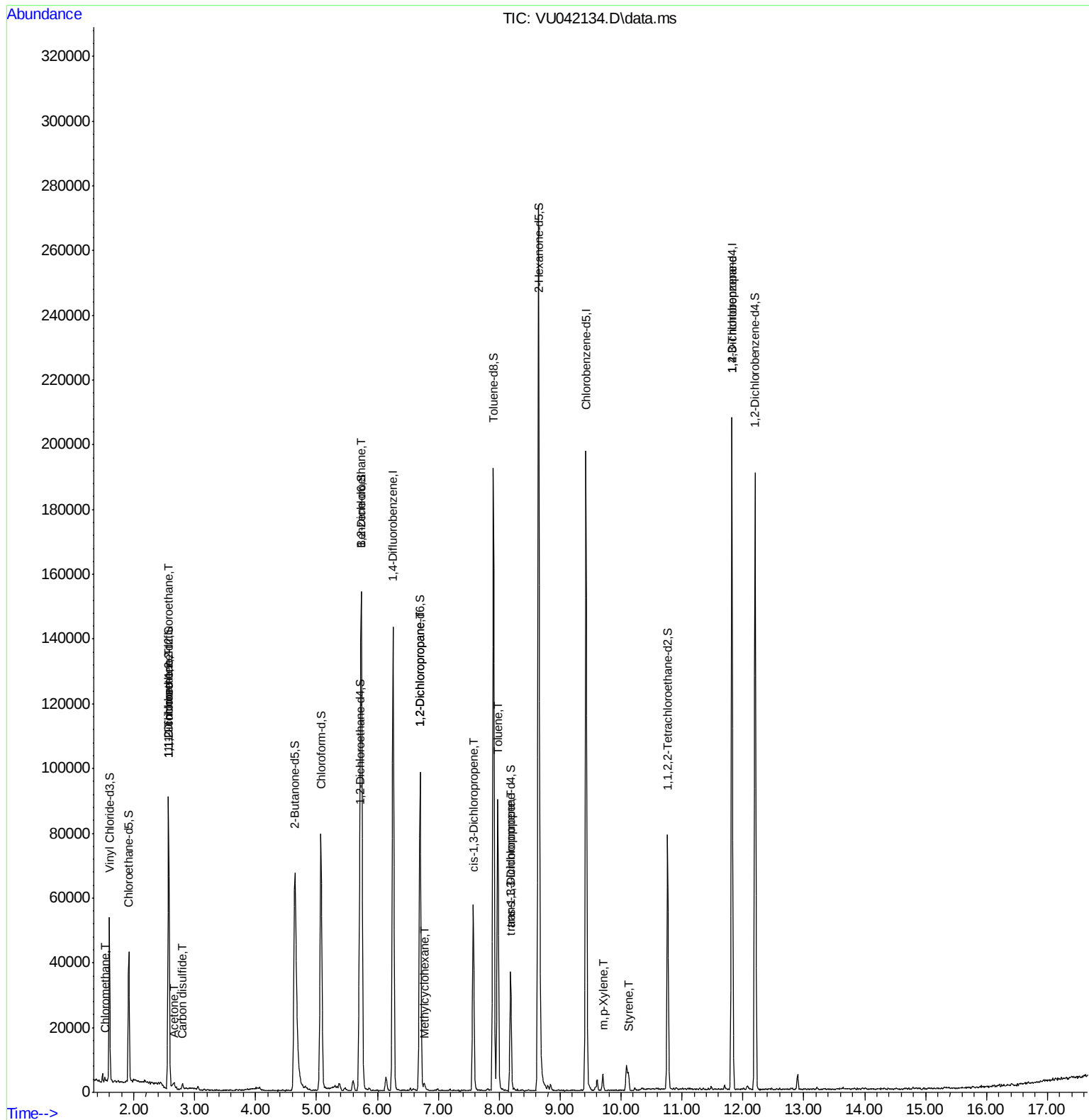
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112475	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	106061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53227	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	32859	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.919	69	26911	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.572	63	55620	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.645	46	136610	51.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.20%			
24) Chloroform-d	5.073	84	70901	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.710	65	43796	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.735	84	133577	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.700	67	43306	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.906	98	121176	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloroprop...	8.186	79	20128	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.645	63	98556	49.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.98%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36633	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.201	152	48565	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1128	0.12	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	382	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	406	0.05	ug/L #	1
13) Acetone	2.658	43	3068	1.74	ug/L	100
14) Carbon disulfide	2.800	76	2121	0.08	ug/L #	94
27) 1,2-Dichloroethane	5.732	62	796	0.07	ug/L #	75
35) Methylcyclohexane	6.768	83	714	0.05	ug/L #	81
37) 1,2-Dichloropropane	6.700	63	5316	0.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1303	0.10	ug/L #	56
42) Toluene	7.977	91	61647	1.82	ug/L	96
44) trans-1,3-Dichloropropene	8.192	75	859	0.07	ug/L #	58
53) m,p-Xylene	9.703	106	1496	0.10	ug/L	74
55) Styrene	10.128	104	2112	0.09	ug/L	98
59) 1,2,3-Trichloropropane	11.819	75	6128	1.06	ug/L	95

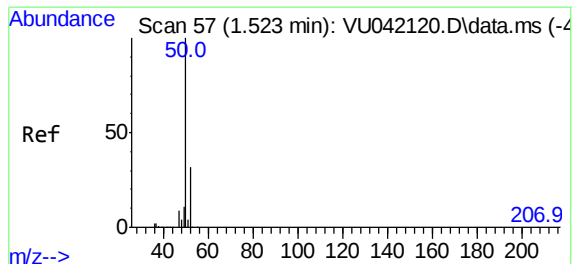
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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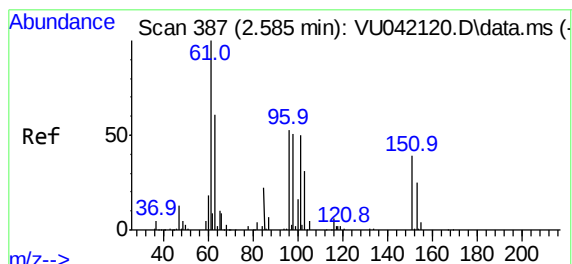
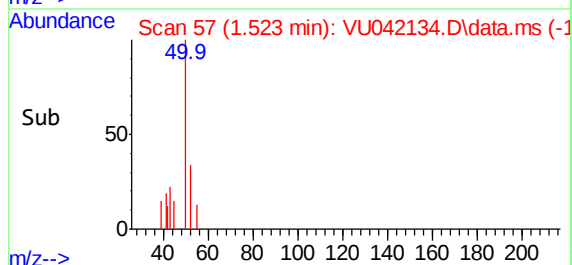
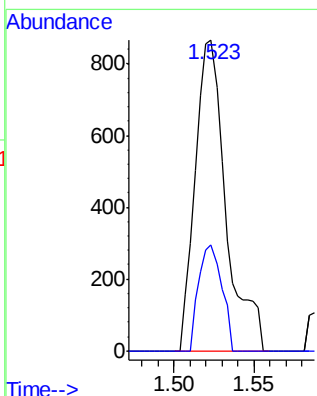
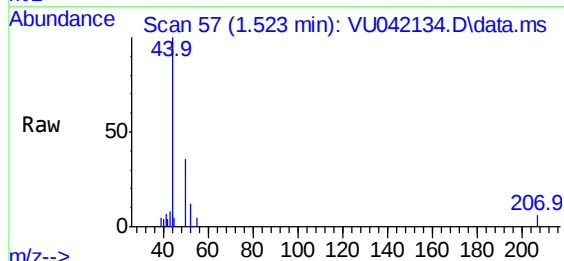




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

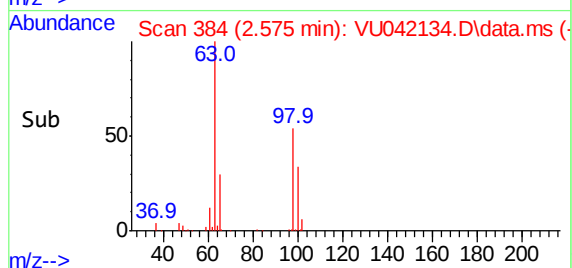
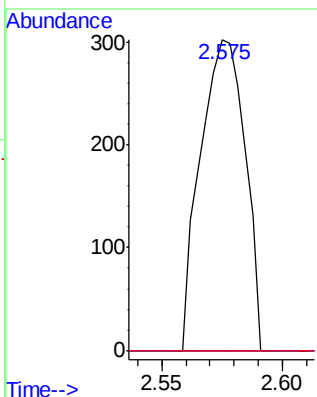
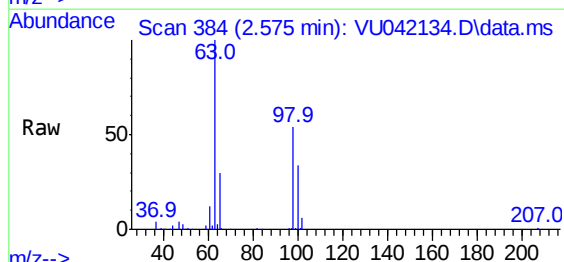
Instrument :
MSVOA_U
ClientSampleId :
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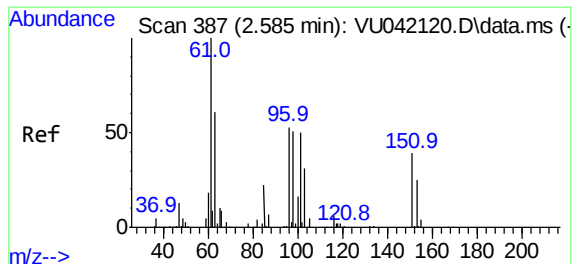
Tgt Ion: 50 Resp: 1128
Ion Ratio Lower Upper
50 100
52 33.9 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

Tgt Ion: 101 Resp: 382
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

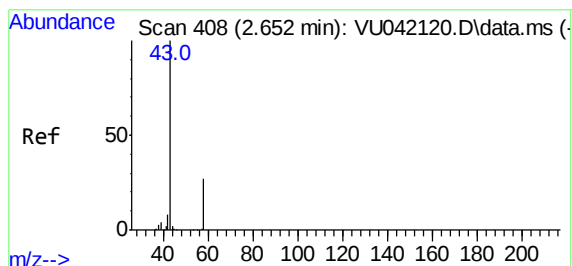
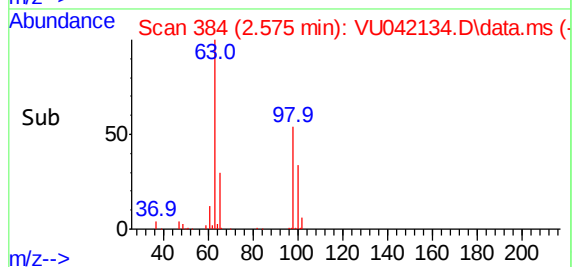
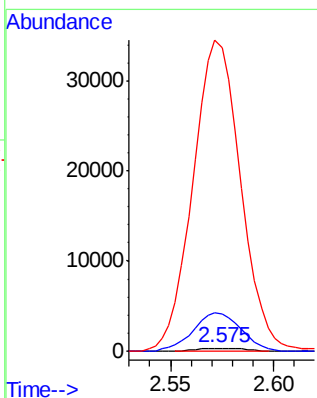
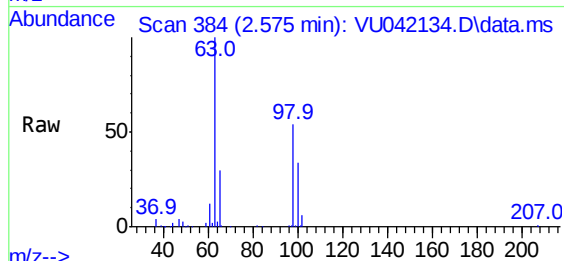




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

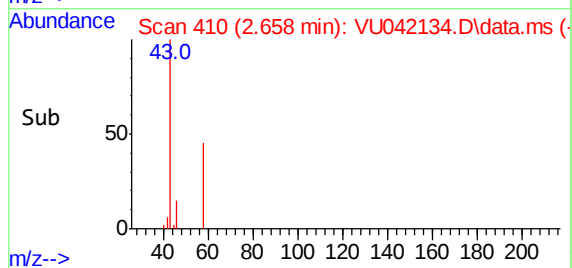
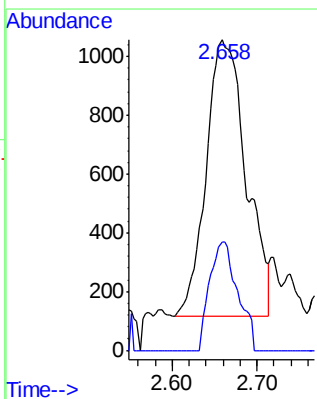
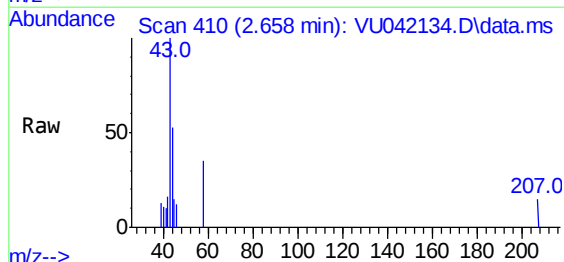
Instrument :
MSVOA_U
ClientSampleId :
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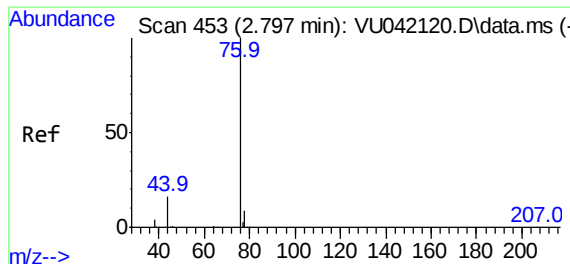
Tgt Ion: 96 Resp: 406
Ion Ratio Lower Upper
96 100
61 1518.4 126.2 234.4#
63 12644.2 77.8 144.4#



#13
Acetone
Concen: 1.74 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

Tgt Ion: 43 Resp: 3068
Ion Ratio Lower Upper
43 100
58 27.6 0.0 55.8

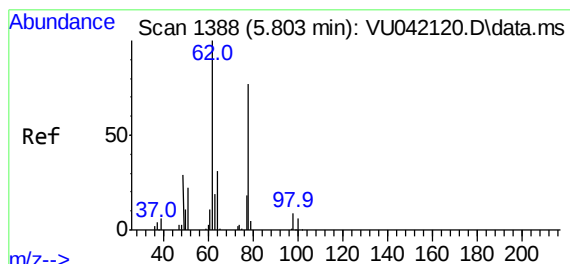
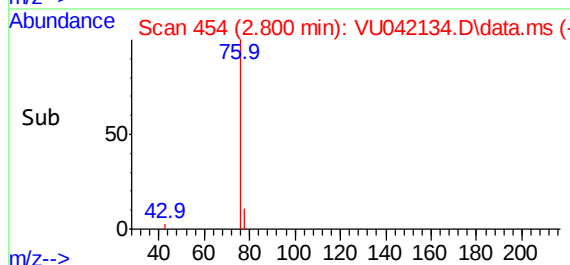
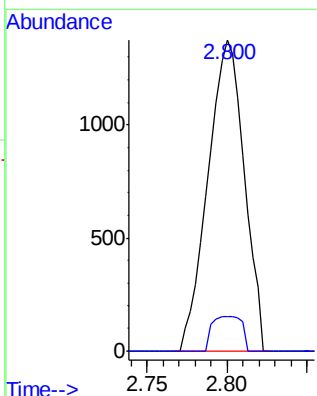
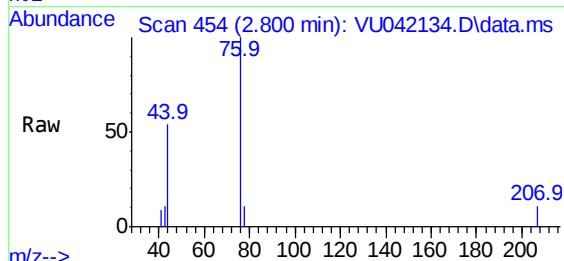




#14
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

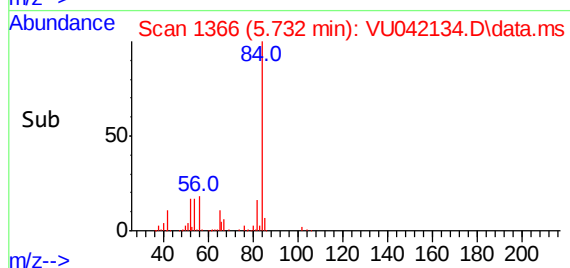
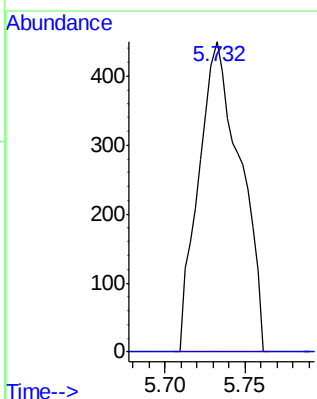
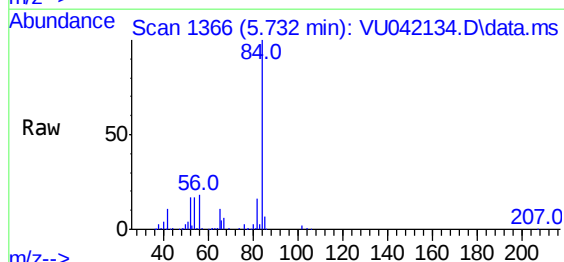
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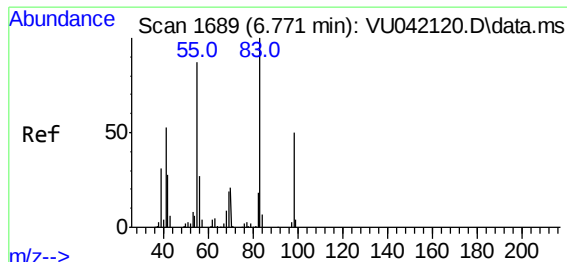
Tgt Ion: 76 Resp: 2121
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

Tgt Ion: 62 Resp: 796
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

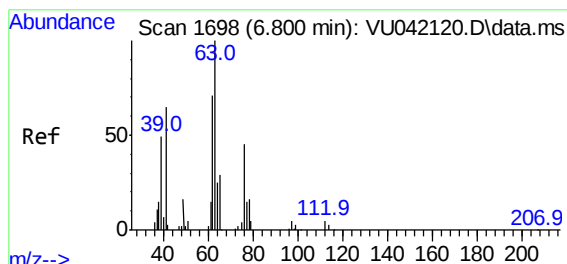
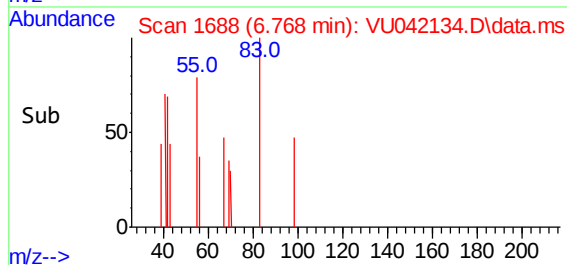
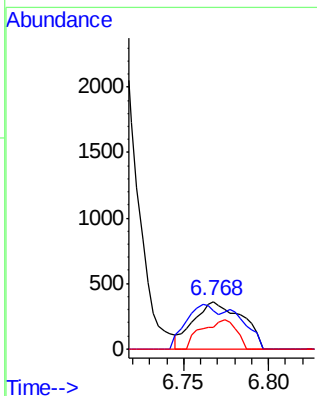
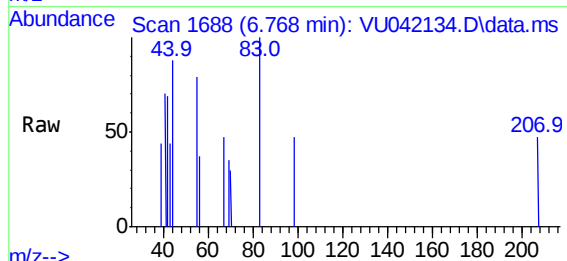




#35
Methylcyclohexane
Concen: 0.05 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

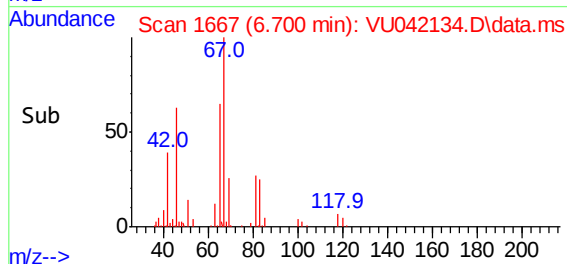
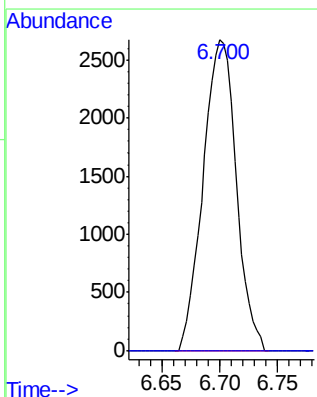
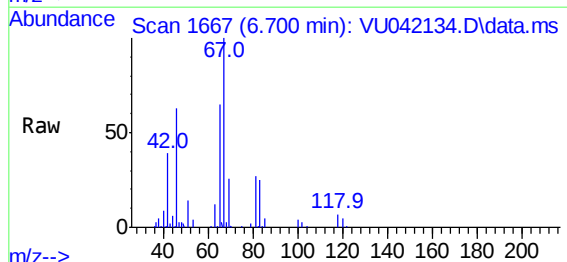
Instrument :
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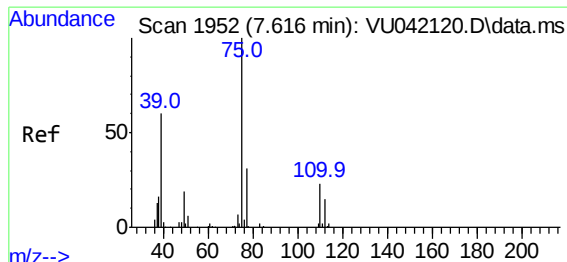
Tgt Ion: 83 Resp: 714
Ion Ratio Lower Upper
83 100
55 61.6 68.2 102.4#
98 43.8 39.7 59.5



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

Tgt Ion: 63 Resp: 5316
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

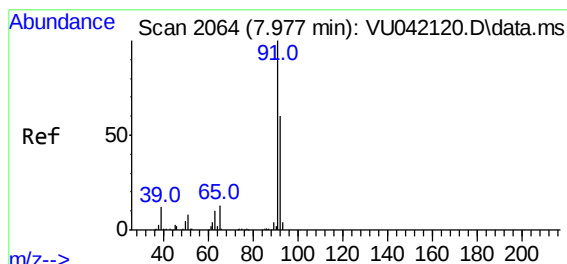
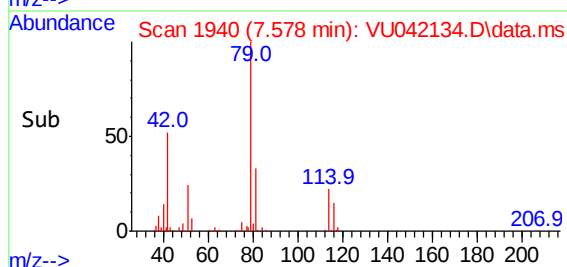
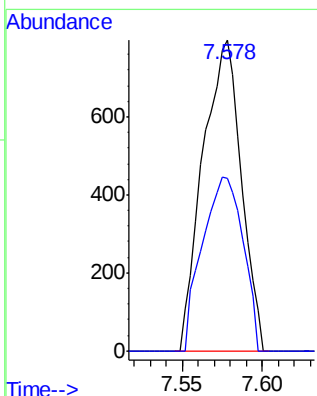
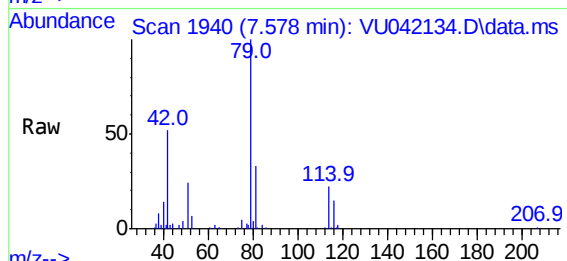




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.578 min Scan# 1940
 Delta R.T. -0.039 min
 Lab File: VU042134.D
 Acq: 21 Jan 2021 03:10

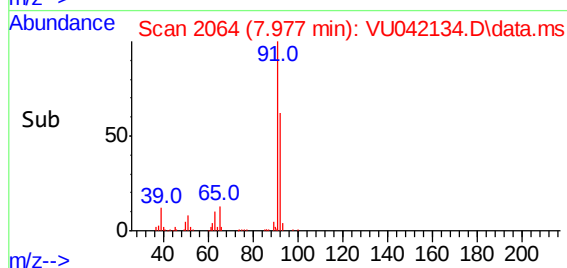
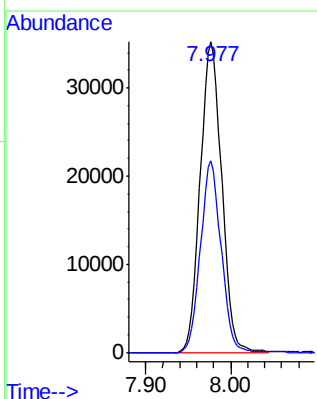
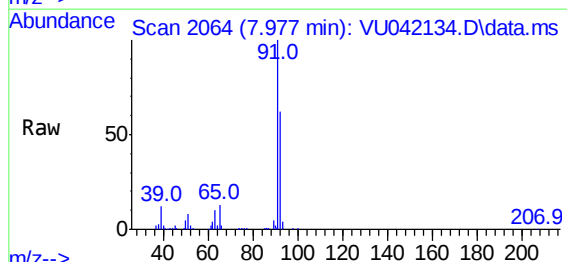
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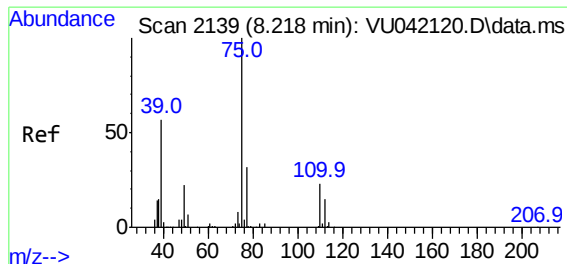
Tgt Ion: 75 Resp: 1303
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.0 40.8#



#42
 Toluene
 Concen: 1.82 ug/L
 RT: 7.977 min Scan# 2064
 Delta R.T. -0.000 min
 Lab File: VU042134.D
 Acq: 21 Jan 2021 03:10

Tgt Ion: 91 Resp: 61647
 Ion Ratio Lower Upper
 91 100
 92 61.7 41.2 76.6



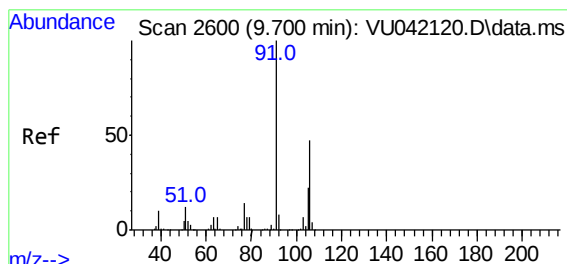
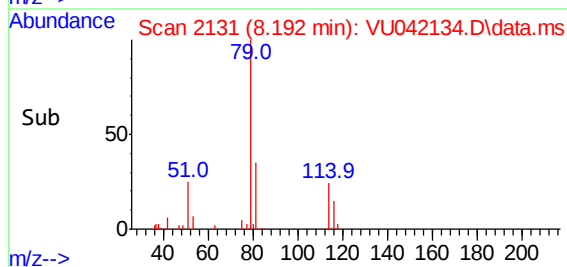
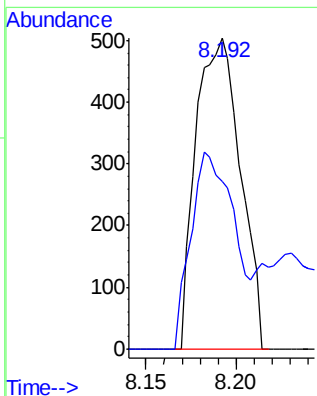
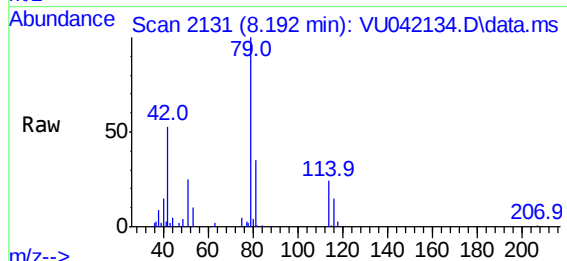


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

Instrument :
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ClientSampled :
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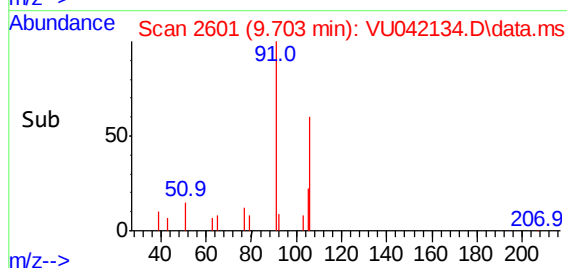
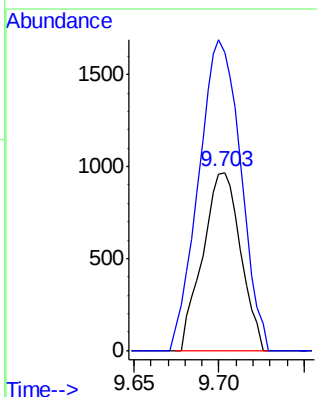
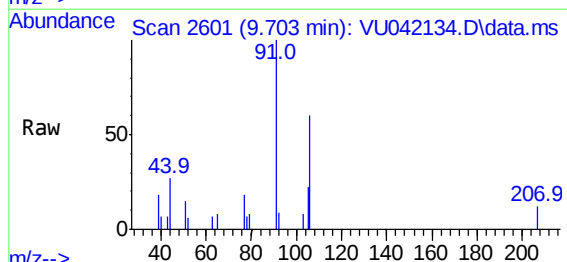
Tgt Ion: 75 Resp: 859
Ion Ratio Lower Upper
75 100
77 54.0 21.8 40.4#

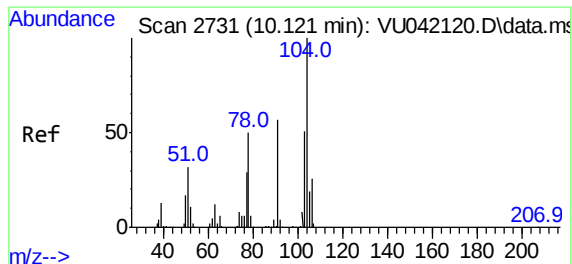


#53

m,p-Xylene
Concen: 0.10 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

Tgt Ion: 106 Resp: 1496
Ion Ratio Lower Upper
106 100
91 167.1 145.1 269.5

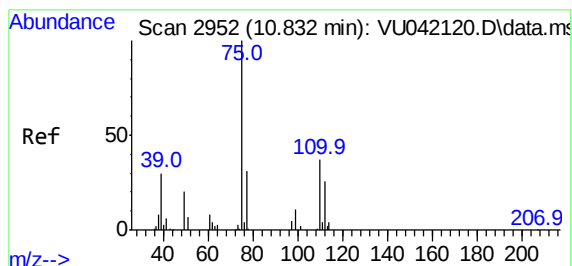
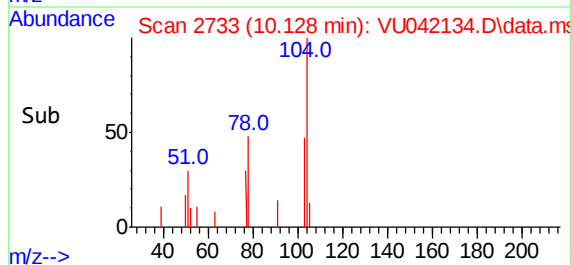
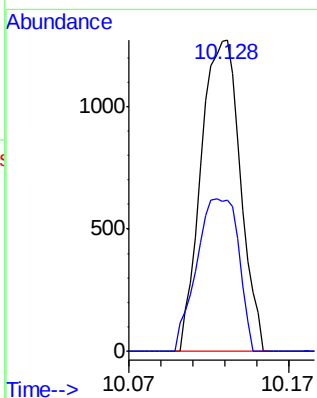
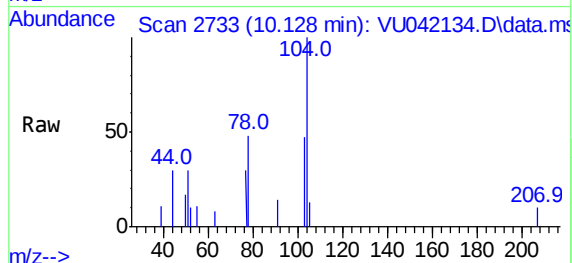




#55
Styrene
Concen: 0.09 ug/L
RT: 10.128 min Scan# 2733
Delta R.T. 0.006 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

Instrument :
MSVOA_U
ClientSampled :
F1E87

Tgt Ion:104 Resp: 2112
Ion Ratio Lower Upper
104 100
78 48.4 34.9 64.7



#59
1,2,3-Trichloropropane
Concen: 1.06 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042134.D
Acq: 21 Jan 2021 03:10

Tgt Ion: 75 Resp: 6128
Ion Ratio Lower Upper
75 100
77 35.2 26.0 39.0

