

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042878.D
 Acq On : 01 Apr 2021 16:25
 Operator : SY/MD
 Sample : M1882-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BL3

Quant Time: Apr 02 05:17:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

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

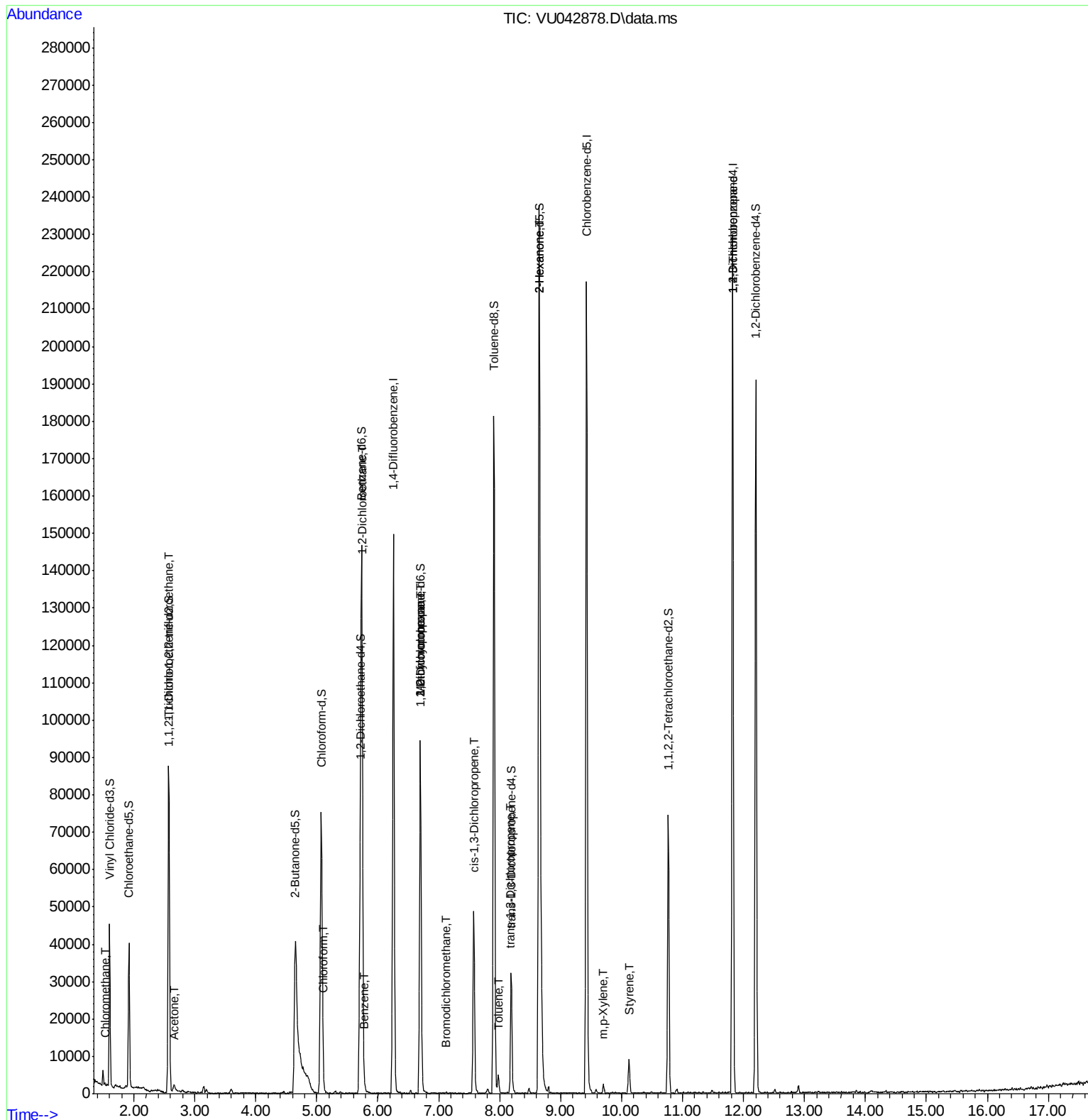
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112966	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	111543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	56137	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29405	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	83.60%		
7) Chloroethane-d5	1.919	69	26334	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.00%		
11) 1,1-Dichloroethene-d2	2.572	63	53842	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	64.60%		
20) 2-Butanone-d5	4.649	46	101258	35.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	71.20%		
24) Chloroform-d	5.073	84	65613	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	83.20%		
26) 1,2-Dichloroethane-d4	5.713	65	42306	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.80%		
32) Benzene-d6	5.735	84	121461	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.20%		
36) 1,2-Dichloropropane-d6	6.700	67	39650	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	83.80%		
41) Toluene-d8	7.906	98	111462	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	77.80%		
43) trans-1,3-Dichloroprop...	8.189	79	17118	4.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	81.20%		
46) 2-Hexanone-d5	8.649	63	92127	42.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	85.72%		
57) 1,1,2,2-Tetrachloroeth...	10.767	84	34449	4.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	81.80%		
64) 1,2-Dichlorobenzene-d4	12.205	152	47304	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.80%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	551	0.06	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	372	0.05	ug/L #	18
13) Acetone	2.665	43	3705	2.18	ug/L	75
25) Chloroform	5.102	83	2183	0.13	ug/L	88
27) 1,2-Dichloroethane	5.742	62	1002	0.08	ug/L #	75
33) Benzene	5.777	78	817	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	9419	0.72	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	4901	0.56	ug/L #	87
38) Bromodichloromethane	7.115	83	358	0.03	ug/L #	71
39) cis-1,3-Dichloropropene	7.578	75	1516	0.12	ug/L #	70
42) Toluene	7.977	91	3059	0.09	ug/L	88
44) trans-1,3-Dichloropropene	8.182	75	454	0.04	ug/L	97
48) 2-Hexanone	8.649	43	14055	2.48	ug/L #	69
53) m,p-Xylene	9.703	106	794	0.05	ug/L	91
55) Styrene	10.121	104	4136	0.17	ug/L	94
59) 1,2,3-Trichloropropane	11.822	75	7175	1.14	ug/L #	87

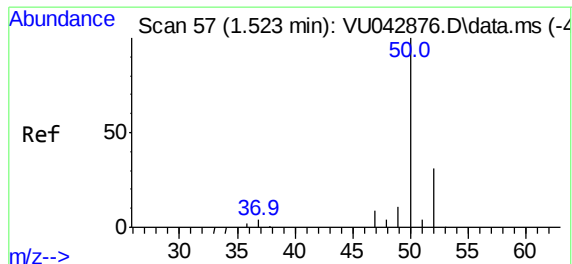
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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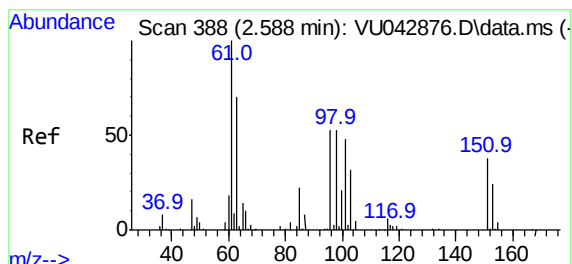
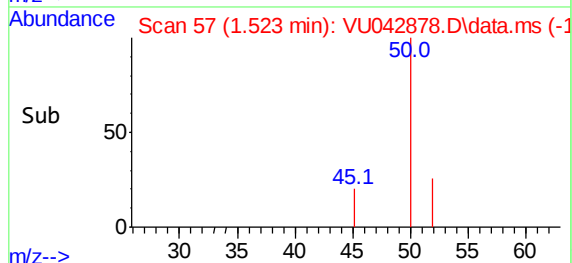
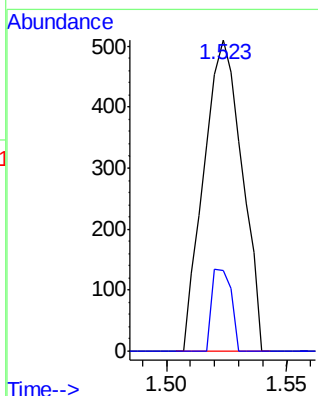
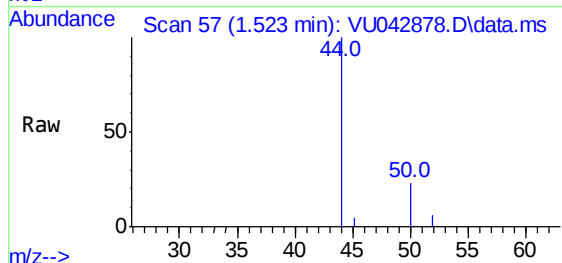




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

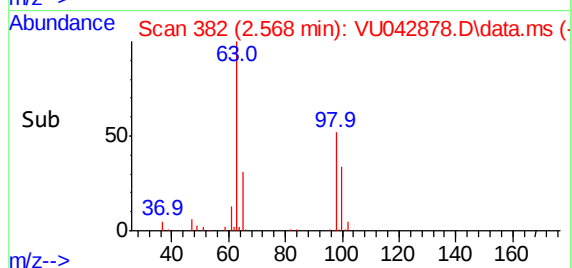
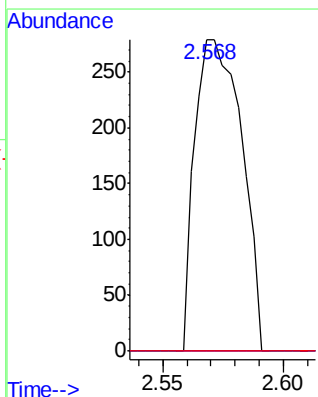
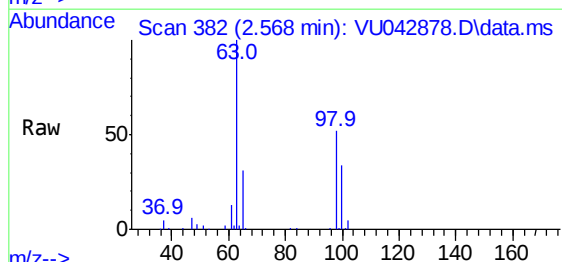
Instrument :
MSVOA_U
ClientSampleId :
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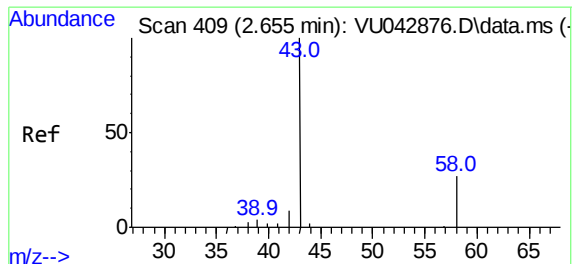
Tgt Ion: 50 Resp: 551
Ion Ratio Lower Upper
50 100
52 26.1 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Tgt Ion: 101 Resp: 372
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

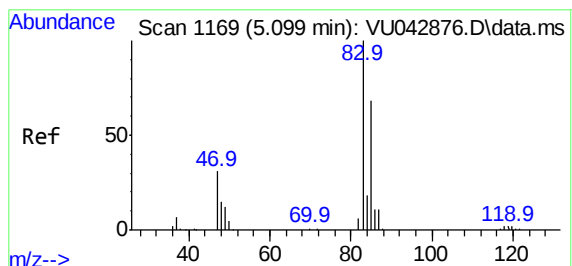
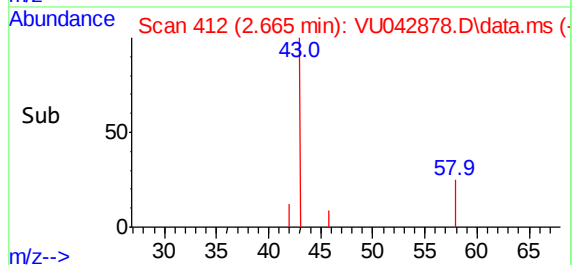
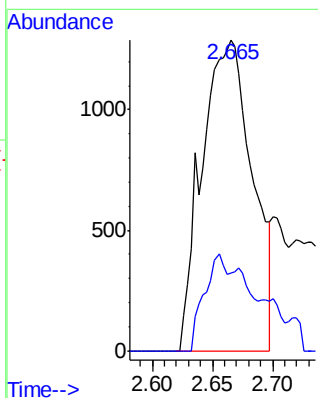
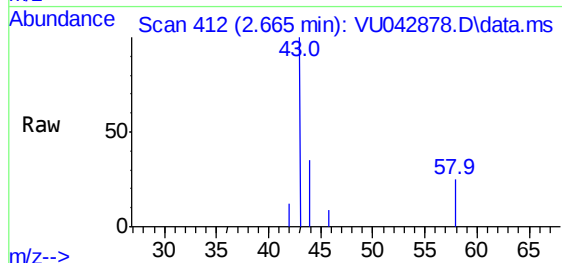




#13
Acetone
Concen: 2.18 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.010 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

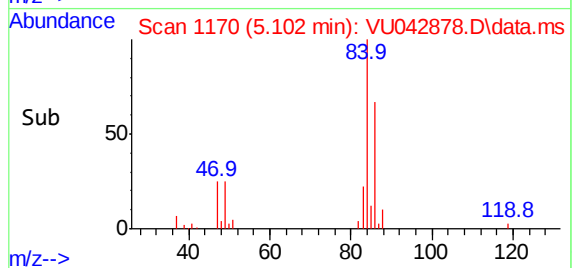
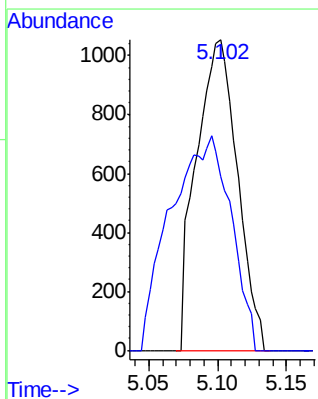
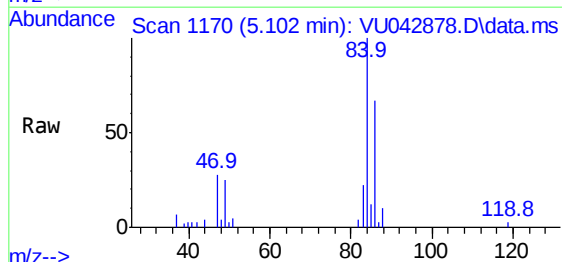
Instrument :
MSVOA_U
ClientSampled :
C0BL3

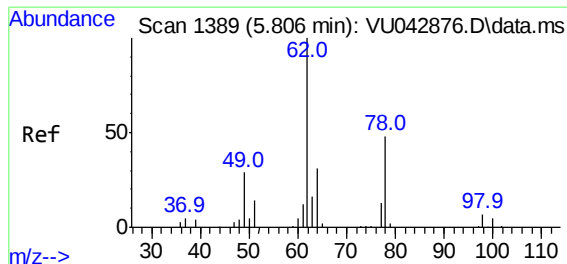
Tgt Ion: 43 Resp: 3705
Ion Ratio Lower Upper
43 100
58 14.9 0.0 55.8



#25
Chloroform
Concen: 0.13 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Tgt Ion: 83 Resp: 2183
Ion Ratio Lower Upper
83 100
85 55.8 45.7 84.9

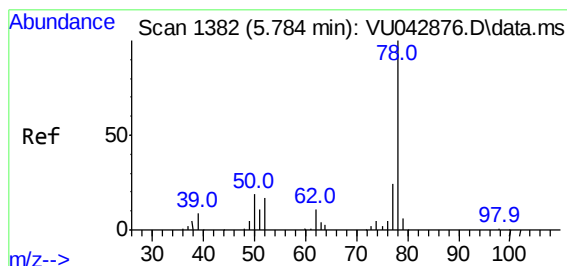
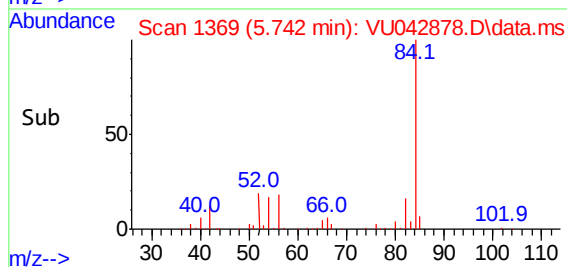
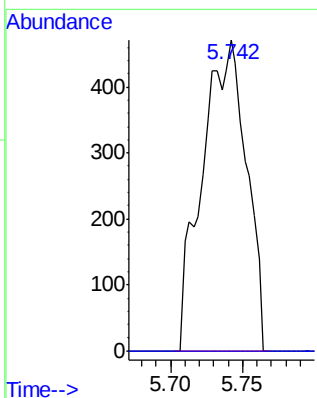
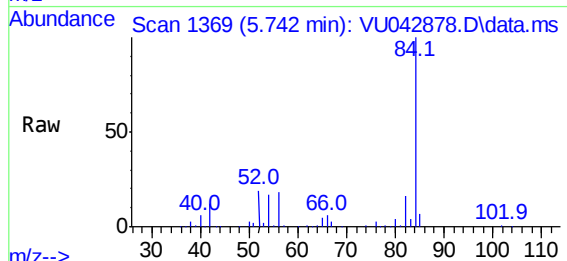




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

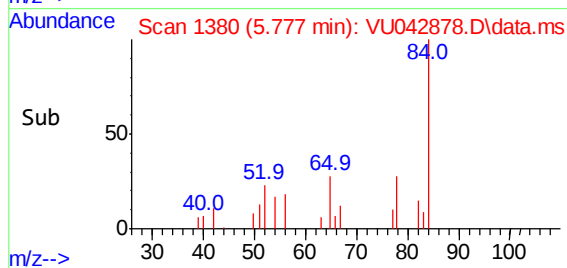
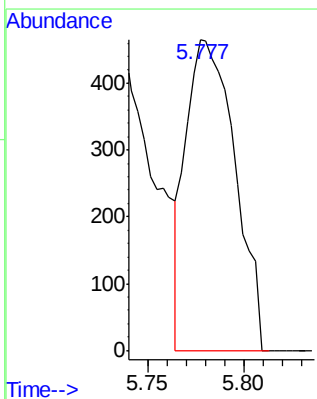
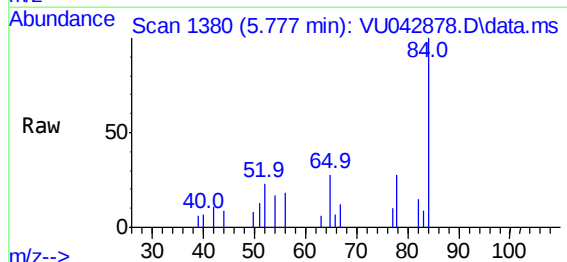
Instrument :
MSVOA_U
ClientSampleId :
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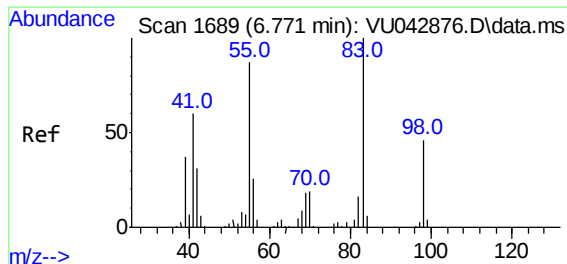
Tgt Ion: 62 Resp: 1002
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Tgt Ion: 78 Resp: 817

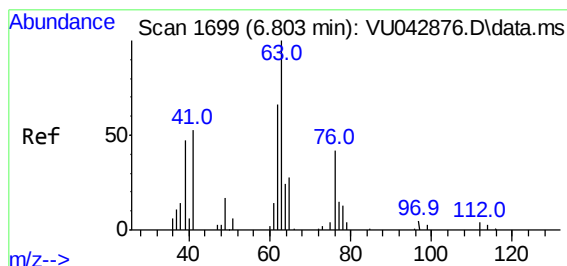
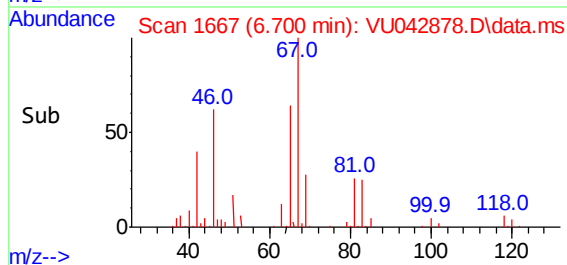
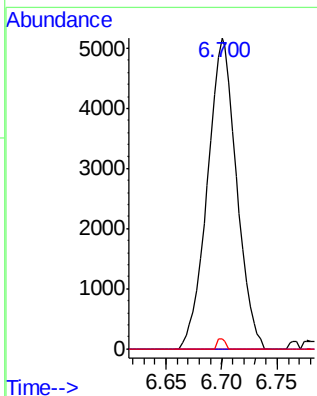
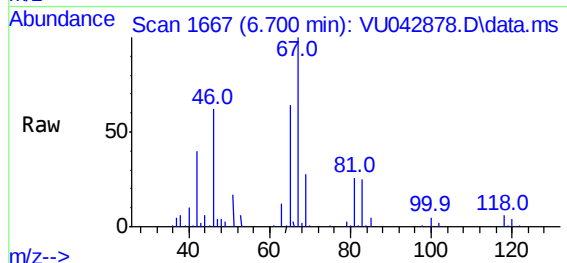




#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

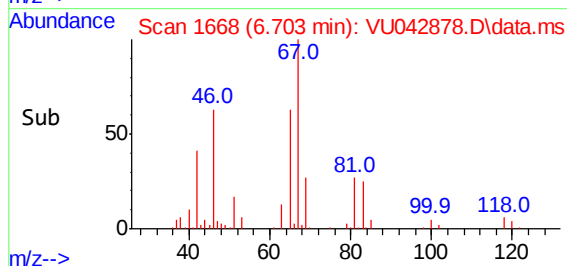
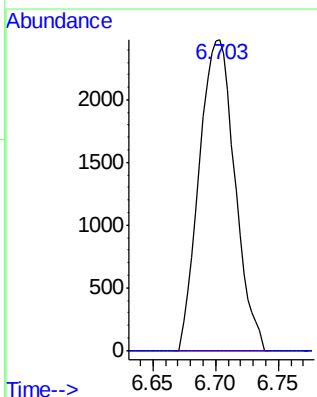
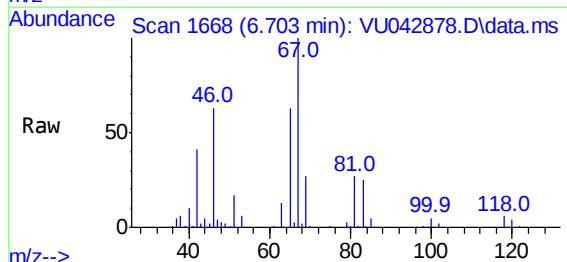
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ClientSampleId :
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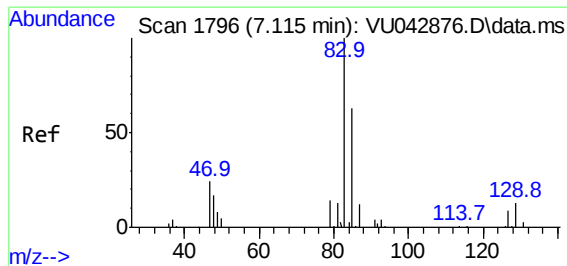
Tgt Ion: 83 Resp: 9419
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.9 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Tgt Ion: 63 Resp: 4901
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

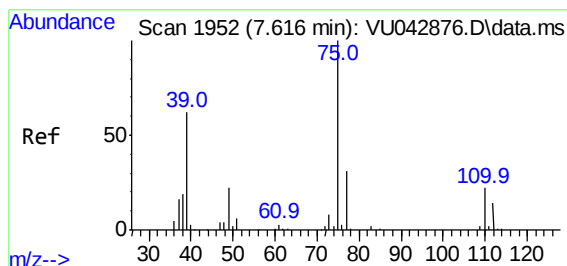
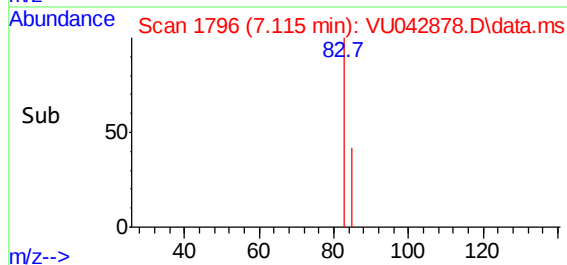
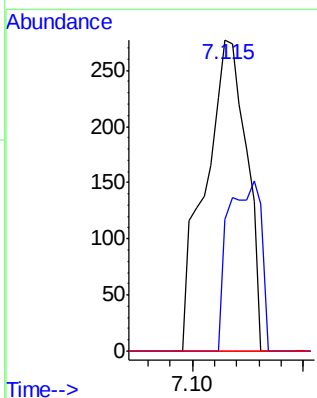
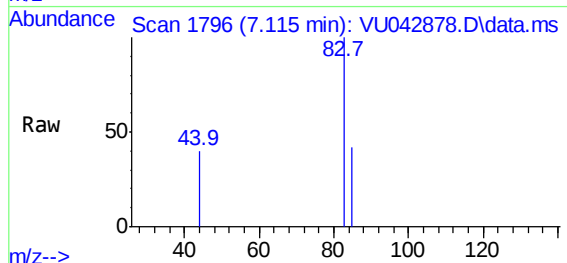




#38
Bromodichloromethane
Concen: 0.03 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

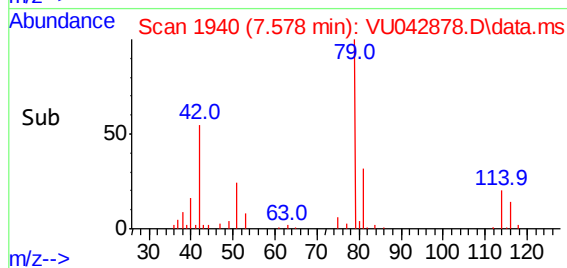
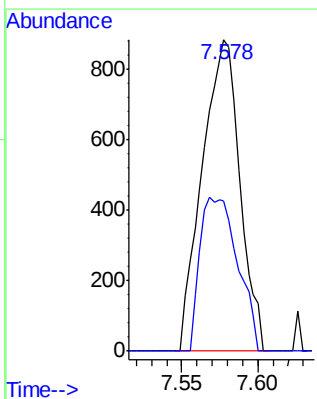
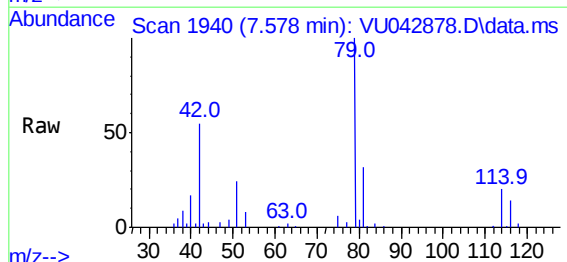
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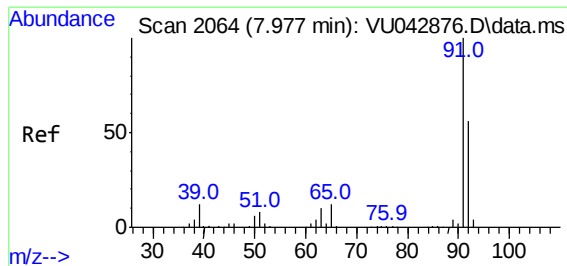
Tgt Ion: 83 Resp: 358
Ion Ratio Lower Upper
83 100
85 42.2 46.0 85.4#
127 0.0 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Tgt Ion: 75 Resp: 1516
Ion Ratio Lower Upper
75 100
77 48.2 22.0 40.8#

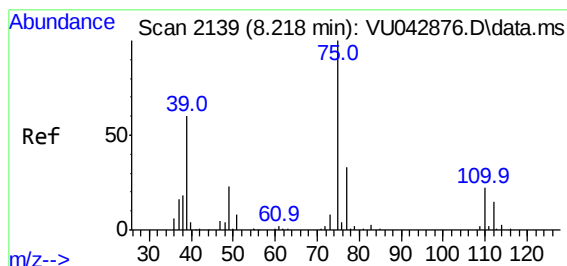
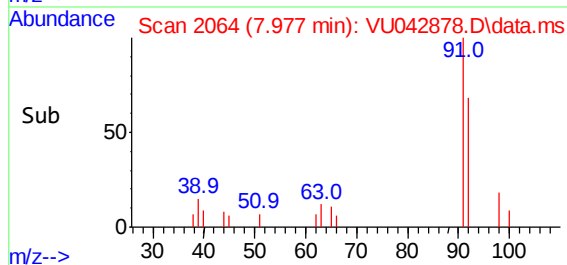
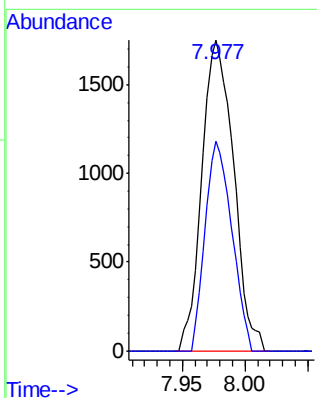
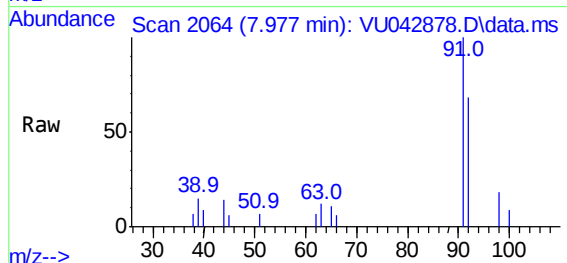




#42
Toluene
Concen: 0.09 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

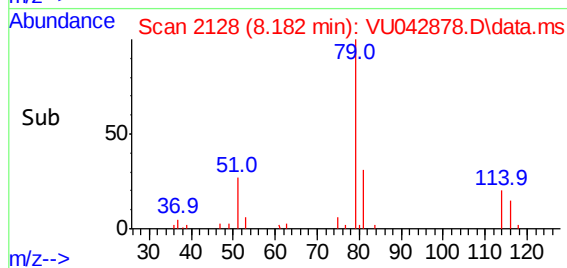
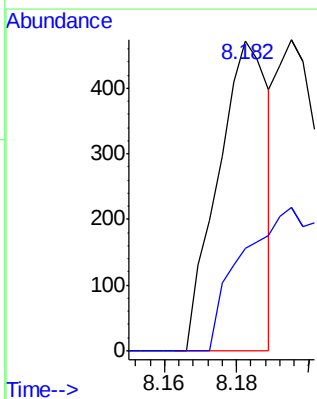
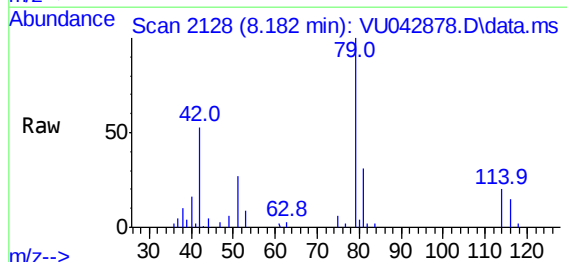
Instrument :
MSVOA_U
ClientSampleId :
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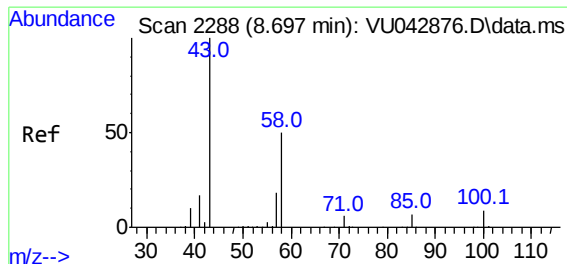
Tgt Ion: 91 Resp: 3059
Ion Ratio Lower Upper
91 100
92 67.6 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.04 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Tgt Ion: 75 Resp: 454
Ion Ratio Lower Upper
75 100
77 32.8 21.8 40.4

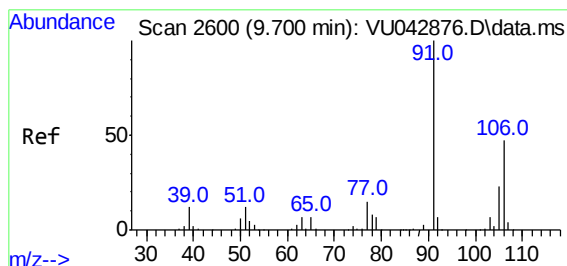
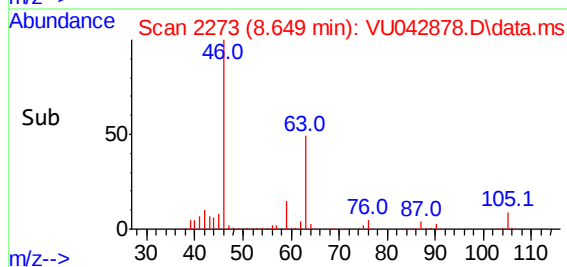
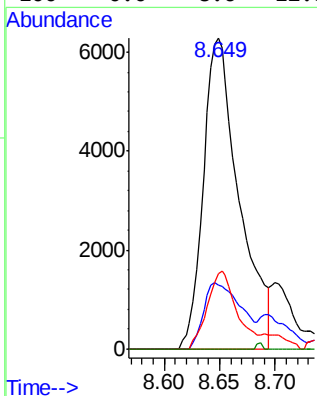
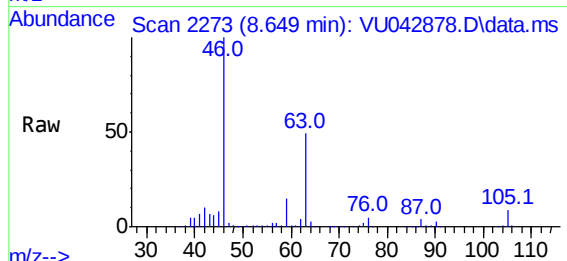




#48
2-Hexanone
Concen: 2.48 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

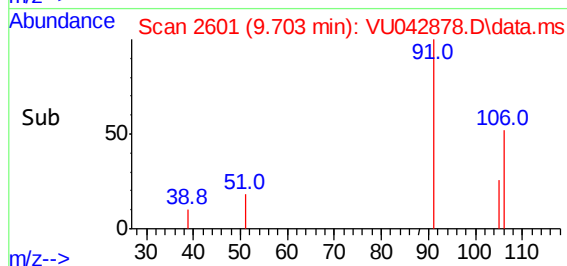
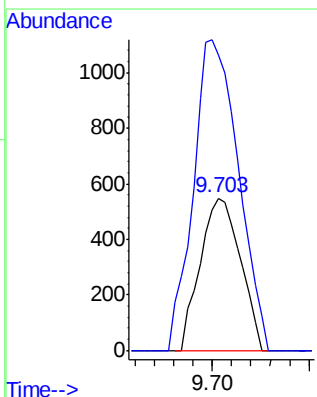
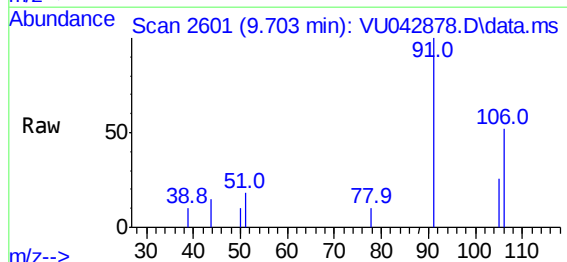
Instrument :
MSVOA_U
ClientSampleId :
C0BL3

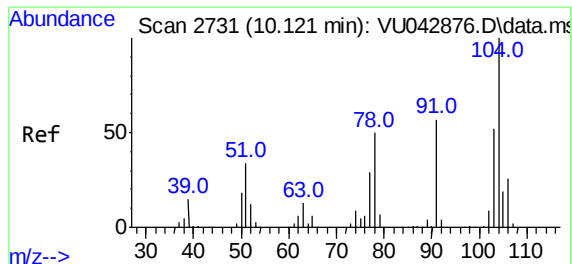
Tgt Ion: 43 Resp: 14055
Ion Ratio Lower Upper
43 100
58 22.6 40.6 61.0#
57 21.0 14.9 22.3
100 0.0 8.6 12.8#



#53
m,p-Xylene
Concen: 0.05 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Tgt Ion:106 Resp: 794
Ion Ratio Lower Upper
106 100
91 193.8 145.1 269.5

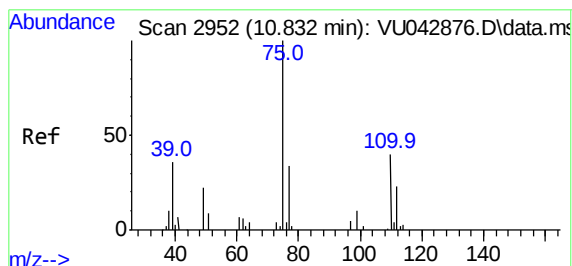
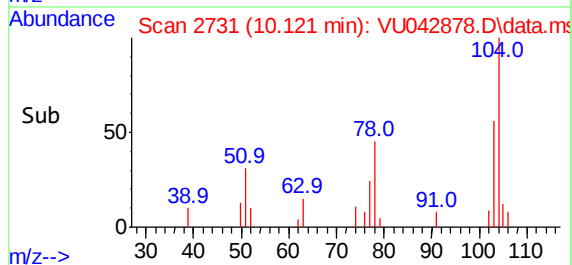
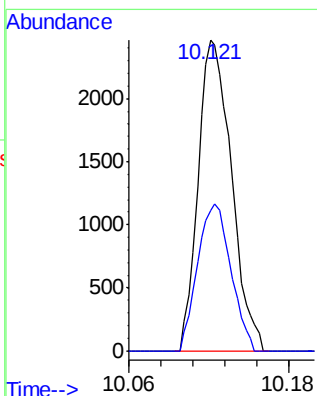
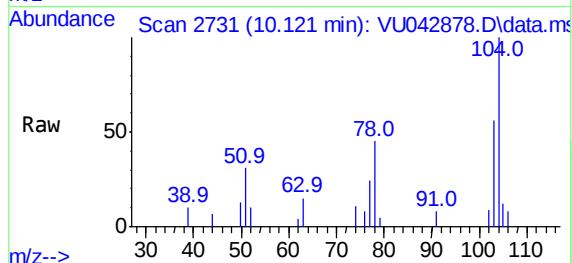




#55
Styrene
Concen: 0.17 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Instrument :
MSVOA_U
ClientSampleId :
C0BL3

Tgt Ion: 104 Resp: 4136
Ion Ratio Lower Upper
104 100
78 45.4 34.9 64.7



#59
1,2,3-Trichloropropane
Concen: 1.14 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042878.D
Acq: 01 Apr 2021 16:25

Tgt Ion: 75 Resp: 7175
Ion Ratio Lower Upper
75 100
77 39.7 26.0 39.0#

