

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042156.D
 Acq On : 21 Jan 2021 17:21
 Operator : SY/MD
 Sample : M1180-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jan 22 02:51:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

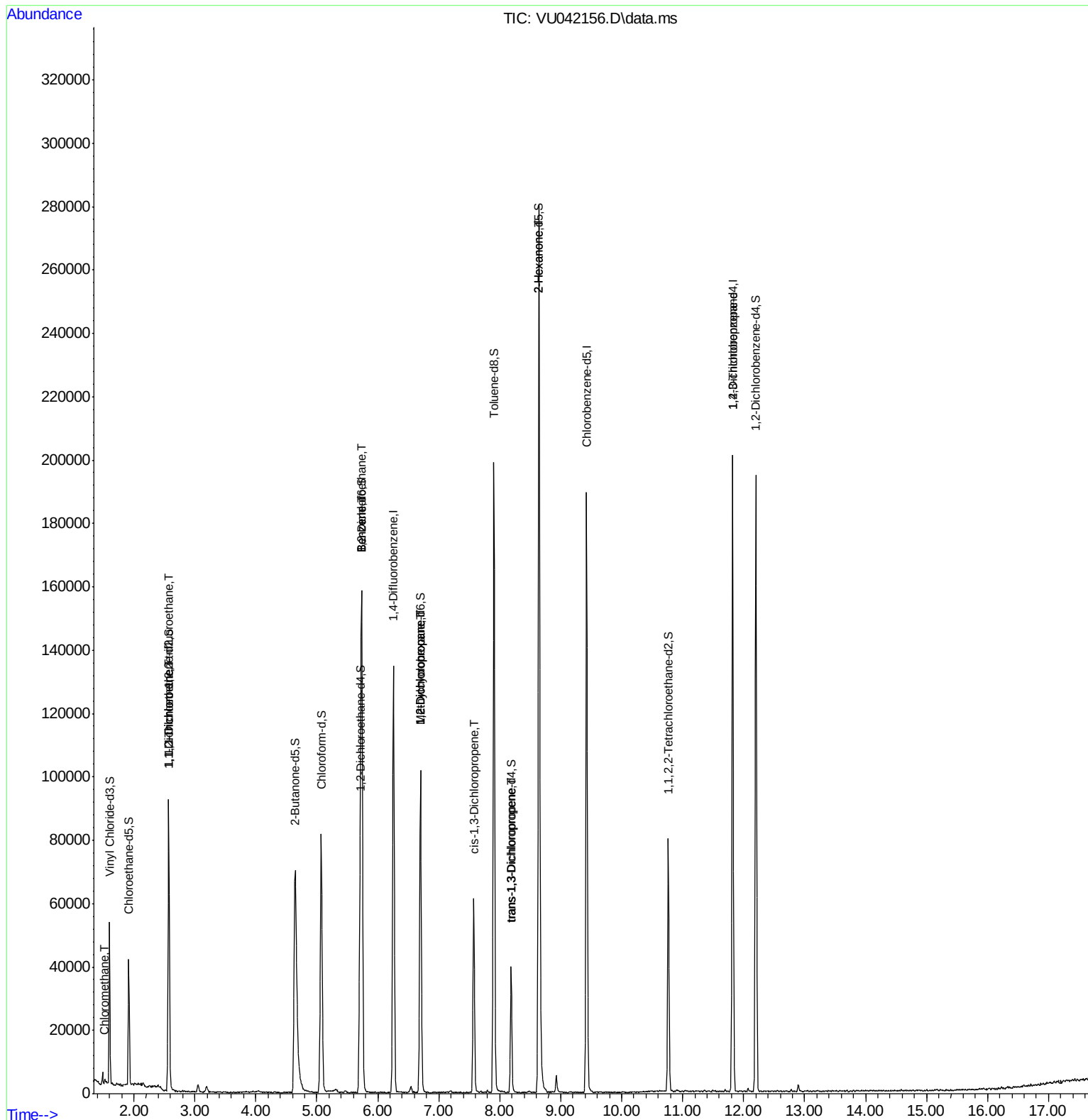
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	99488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	50953	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	32864	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.916	69	26770	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.572	63	56616	3.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.80%			
20) 2-Butanone-d5	4.645	46	137675	54.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.70%			
24) Chloroform-d	5.073	84	73191	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	5.710	65	45837	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.735	84	135327	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.700	67	45196	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.906	98	123391	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloroprop...	8.185	79	21497	5.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.20%			
46) 2-Hexanone-d5	8.642	63	100807	54.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.02%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37133	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	12.201	152	48659	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						
3) Chloromethane	1.520	50	977	0.11	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	431	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	467	0.06	ug/L #	1
27) 1,2-Dichloroethane	5.735	62	817	0.08	ug/L #	75
33) Benzene	5.735	78	1057	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	10582	0.80	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5334	0.69	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1570	0.12	ug/L #	56
44) trans-1,3-Dichloropropene	8.189	75	903	0.08	ug/L #	51
48) 2-Hexanone	8.642	43	13103	2.86	ug/L #	70
59) 1,2,3-Trichloropropane	11.819	75	5900	1.08	ug/L	98

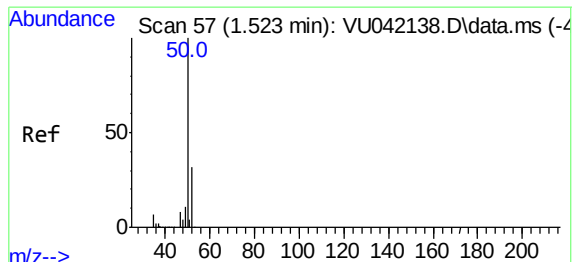
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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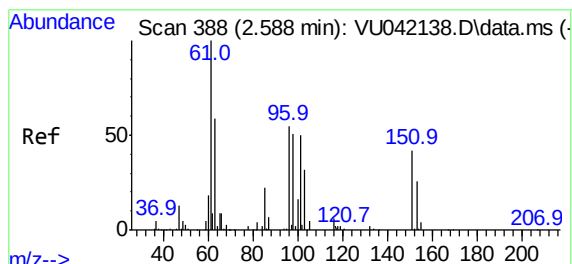
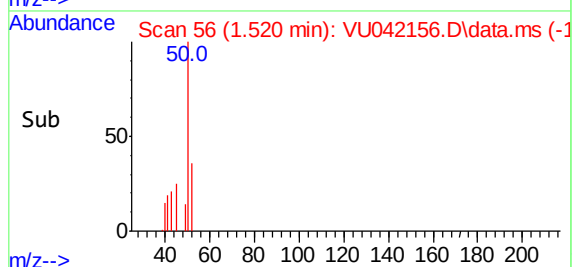
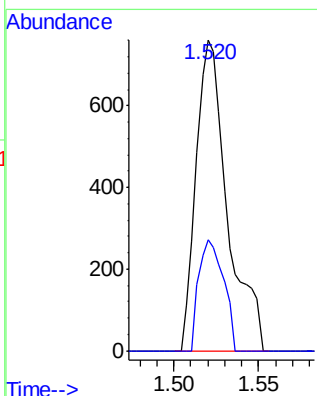
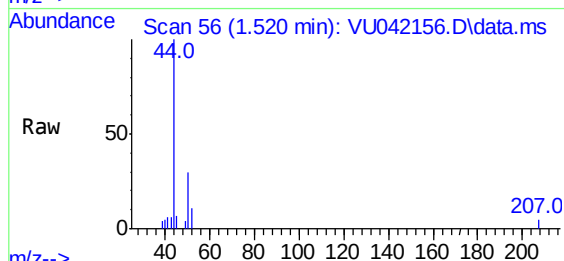




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

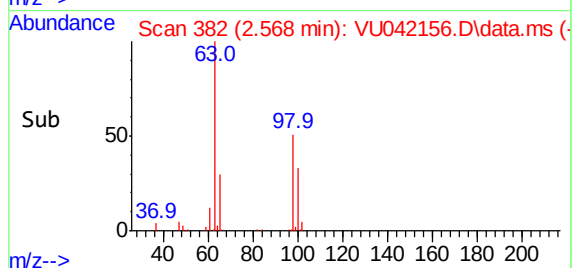
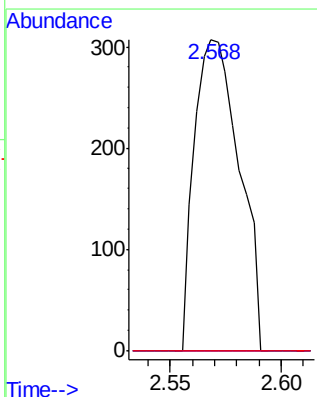
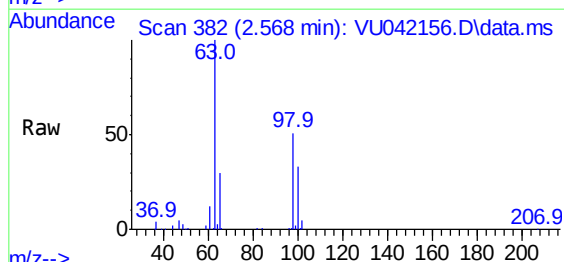
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

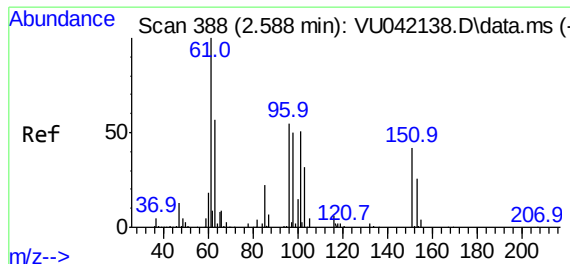
Tgt Ion: 50 Resp: 977
Ion Ratio Lower Upper
50 100
52 35.7 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

Tgt Ion: 101 Resp: 431
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

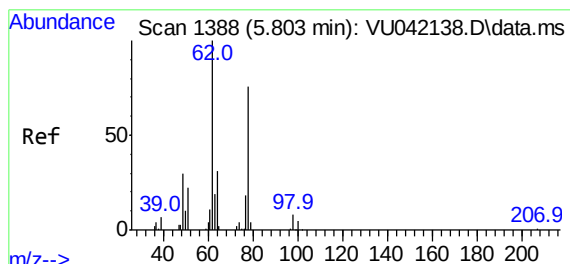
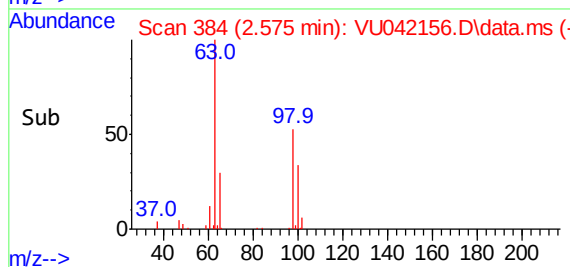
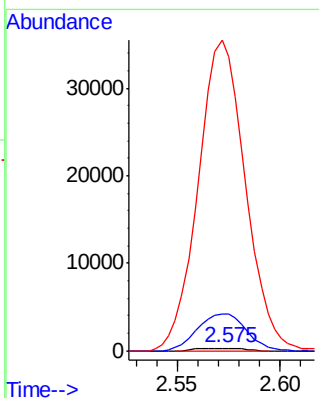
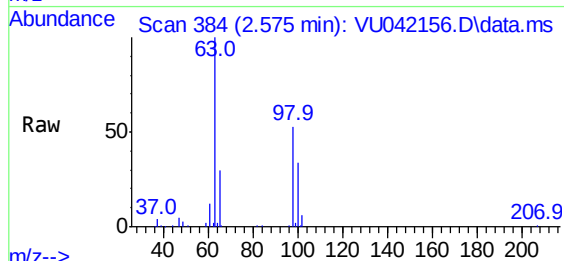




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

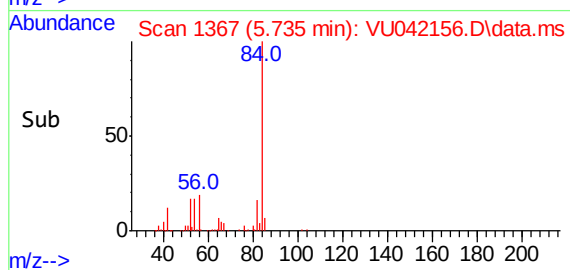
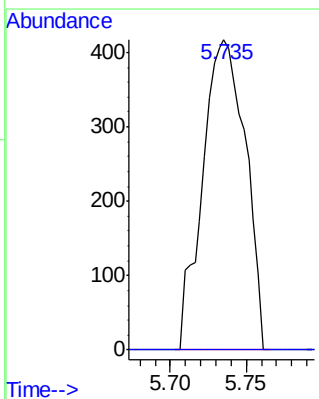
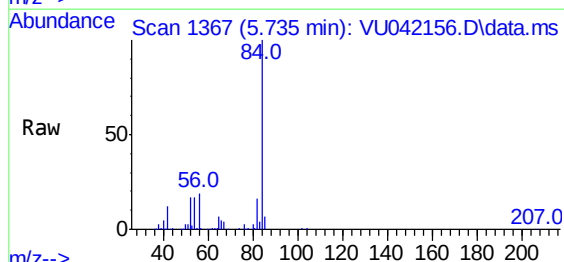
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

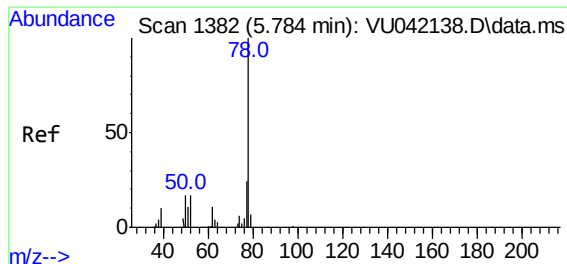
Tgt Ion: 96 Resp: 467
Ion Ratio Lower Upper
96 100
61 1313.9 126.2 234.4#
63 10625.3 77.8 144.4#



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

Tgt Ion: 62 Resp: 817
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

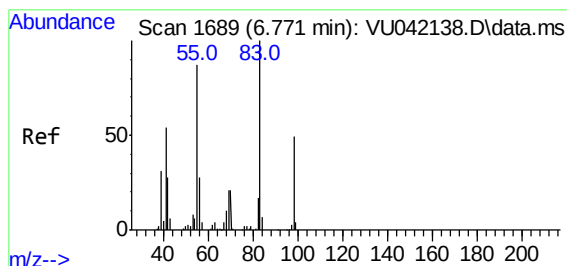
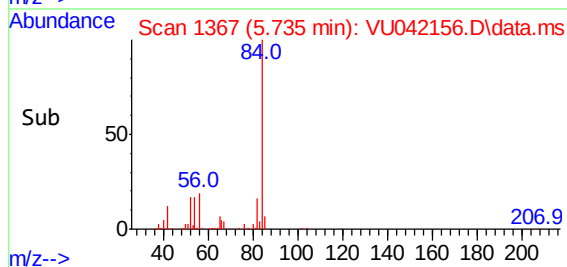
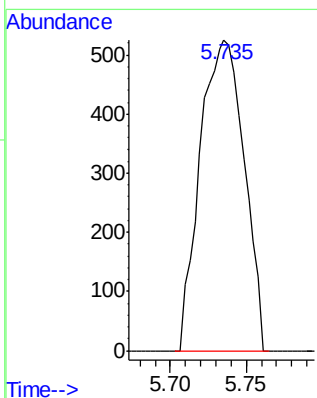
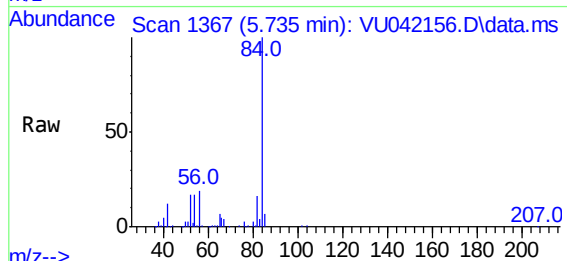




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

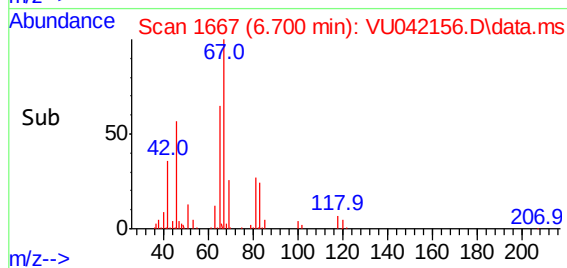
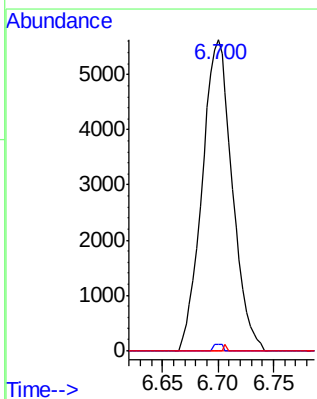
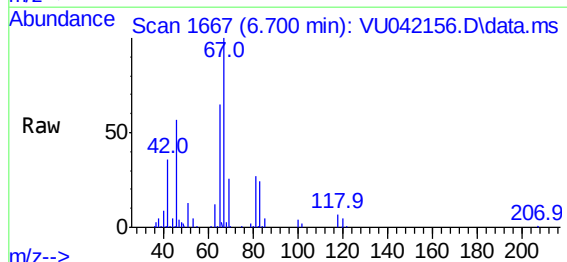
Tgt Ion: 78 Resp: 1057

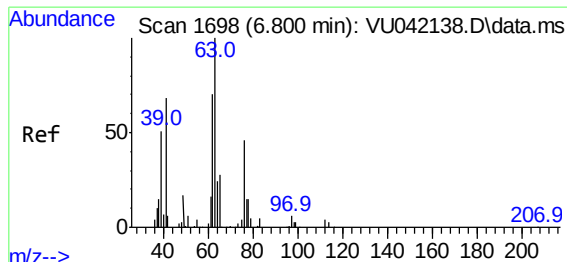


#35
Methylcyclohexane
Concen: 0.80 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

Tgt Ion: 83 Resp: 10582

Ion	Ratio	Lower	Upper
83	100		
55	0.6	68.2	102.4#
98	0.2	39.7	59.5#

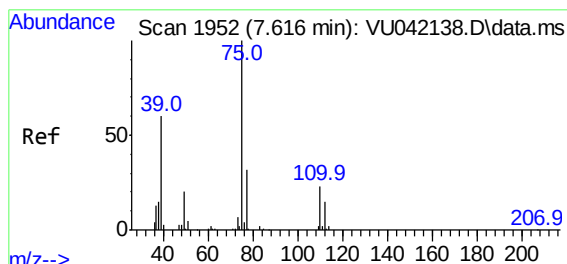
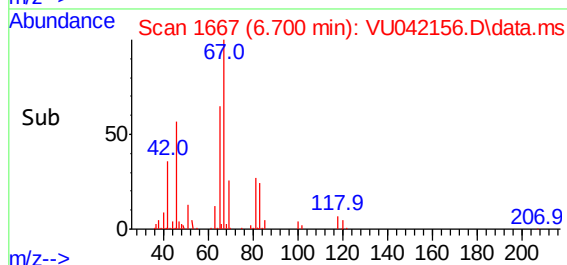
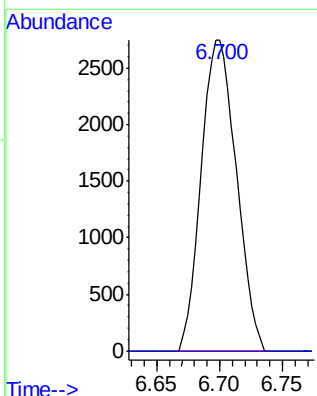
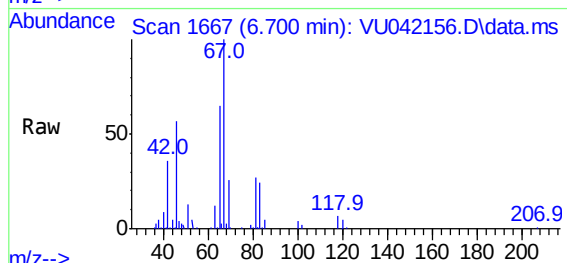




#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

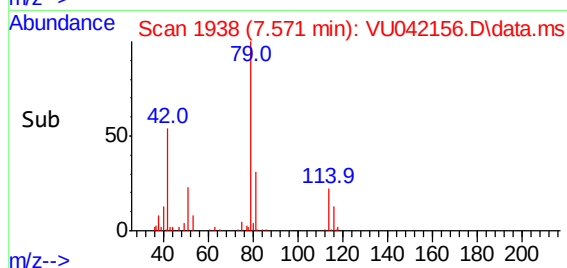
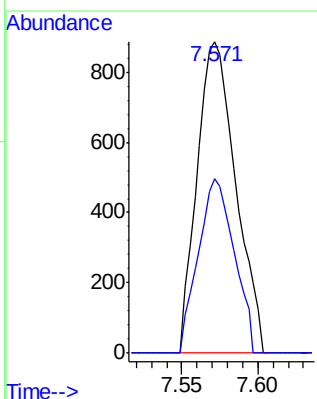
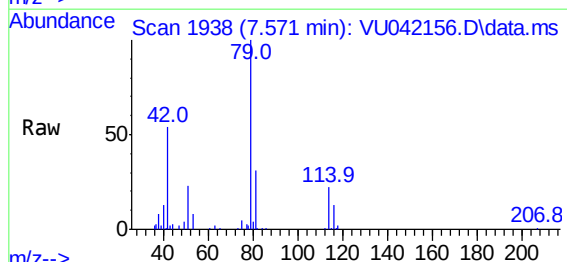
Instrument :
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ClientSampleId :
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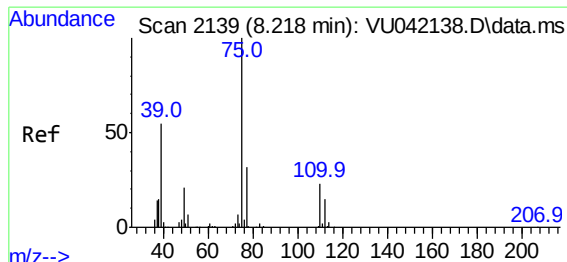
Tgt Ion: 63 Resp: 5334
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

Tgt Ion: 75 Resp: 1570
Ion Ratio Lower Upper
75 100
77 55.9 22.0 40.8#



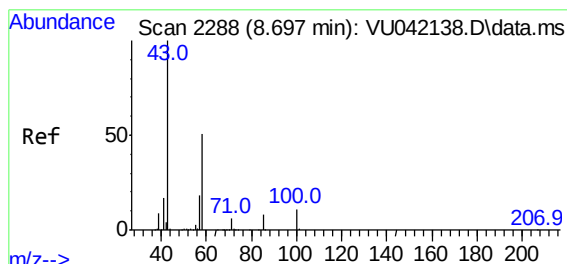
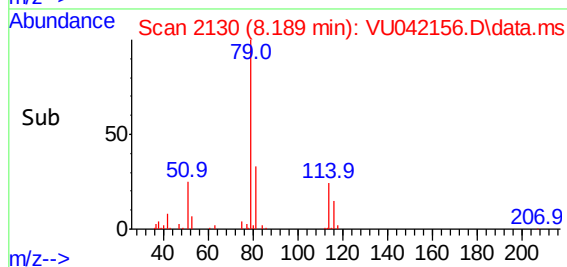
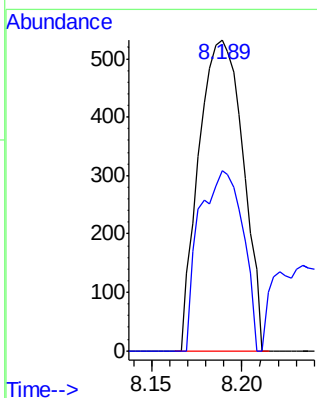
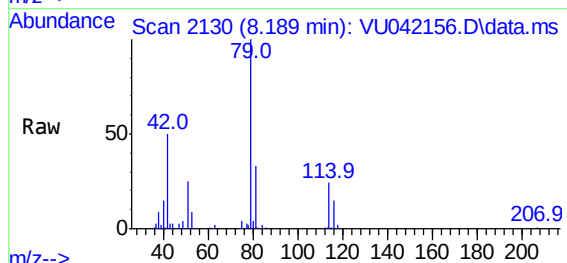


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

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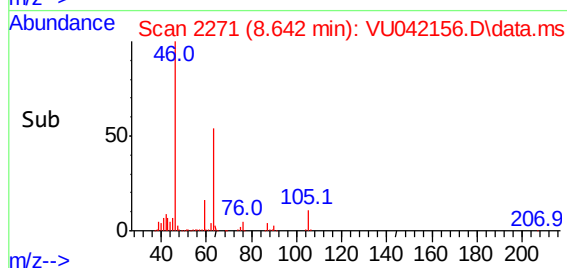
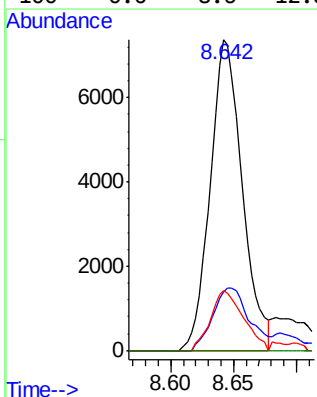
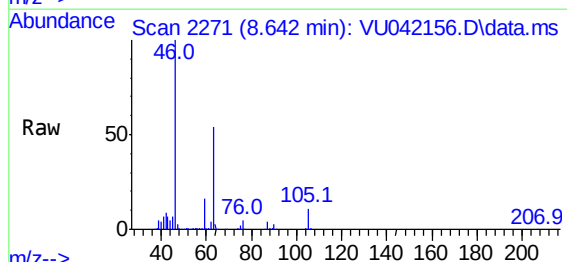
Tgt Ion: 75 Resp: 903
Ion Ratio Lower Upper
75 100
77 58.1 21.8 40.4#

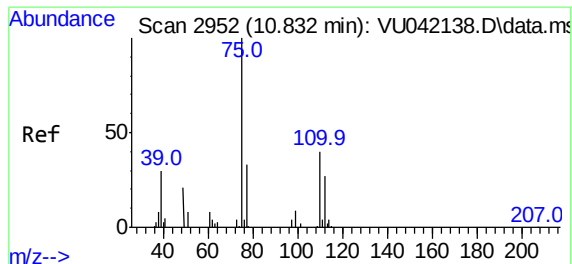


#48

2-Hexanone
Concen: 2.86 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.055 min
Lab File: VU042156.D
Acq: 21 Jan 2021 17:21

Tgt Ion: 43 Resp: 13103
Ion Ratio Lower Upper
43 100
58 22.9 40.6 61.0#
57 19.7 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.08 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042156.D
 Acq: 21 Jan 2021 17:21

Instrument :
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 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 5900
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.0 39.0

