

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042121.D
 Acq On : 20 Jan 2021 21:57
 Operator : SY/MD
 Sample : VU0120WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK22

Quant Time: Jan 21 06:01:45 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)

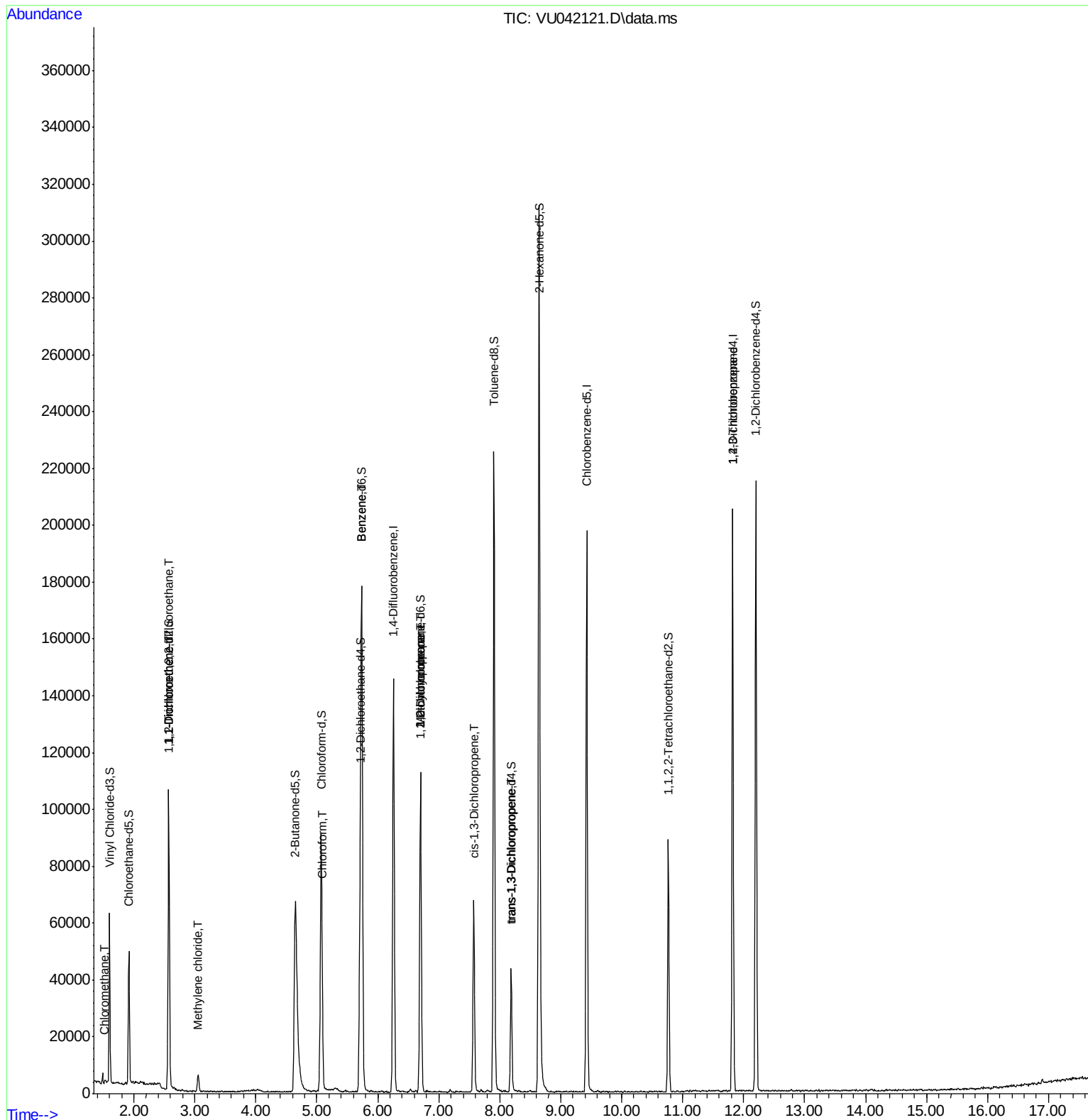
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	114253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	104453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53633	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38707	5.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.00%			
7) Chloroethane-d5	1.919	69	31701	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.572	63	64146	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.00%			
20) 2-Butanone-d5	4.649	46	154447	57.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.86%			
24) Chloroform-d	5.073	84	81008	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.713	65	49649	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.736	84	152492	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.80%			
36) 1,2-Dichloropropane-d6	6.700	67	49479	5.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.40%			
41) Toluene-d8	7.906	98	139247	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
43) trans-1,3-Dichloroprop...	8.186	79	23590	5.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.80%			
46) 2-Hexanone-d5	8.645	63	115246	59.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.70%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	42645	5.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.00%			
64) 1,2-Dichlorobenzene-d4	12.201	152	55313	5.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.80%			
Target Compounds						
3) Chloromethane	1.520	50	1020	0.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	474	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	471	0.06	ug/L #	1
16) Methylene chloride	3.051	84	2727	0.30	ug/L	89
25) Chloroform	5.086	83	961	0.06	ug/L #	73
33) Benzene	5.736	78	1344	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	11929	0.86	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	5924	0.73	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1565	0.12	ug/L #	51
44) trans-1,3-Dichloropropene	8.189	75	1120	0.09	ug/L #	61
59) 1,2,3-Trichloropropane	11.819	75	5817	1.02	ug/L	91

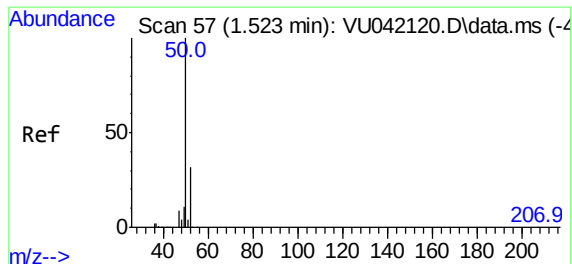
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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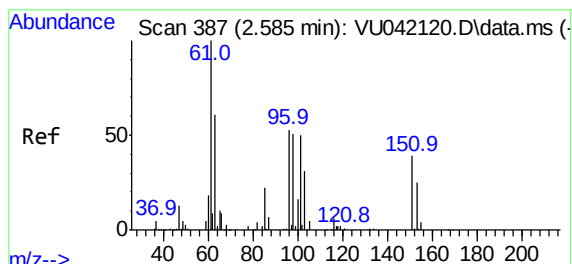
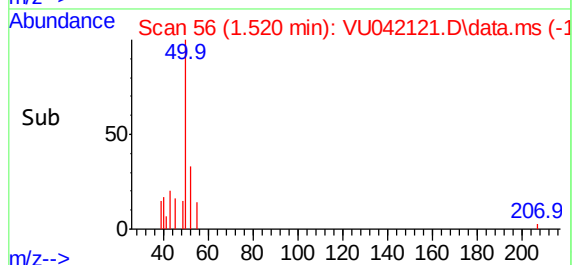
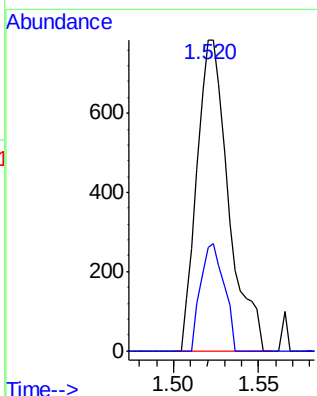
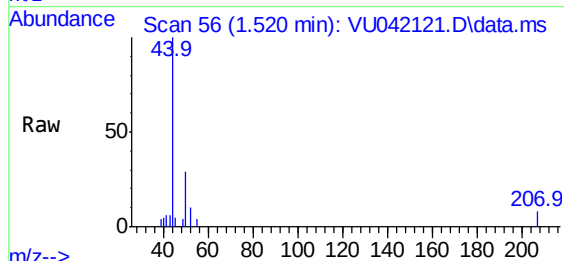




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

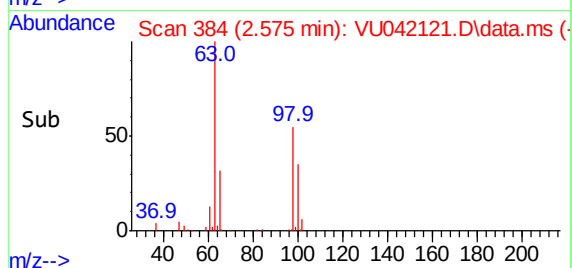
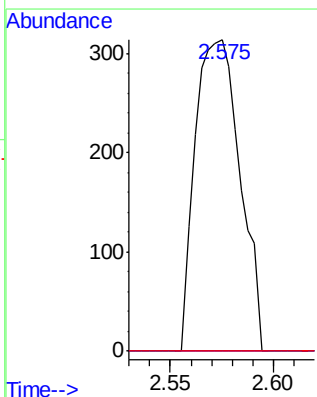
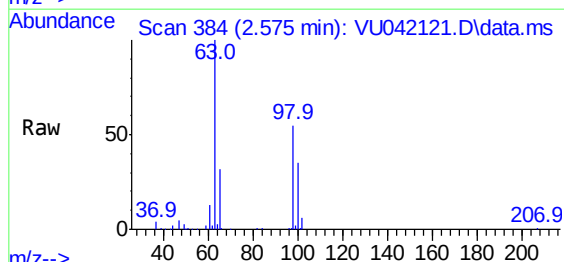
Instrument :
MSVOA_U
ClientSampleId :
VBLK22

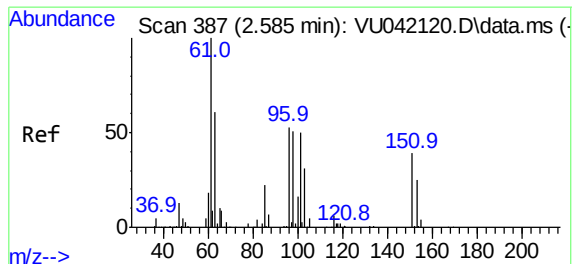
Tgt Ion: 50 Resp: 1020
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

Tgt Ion:101 Resp: 474
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

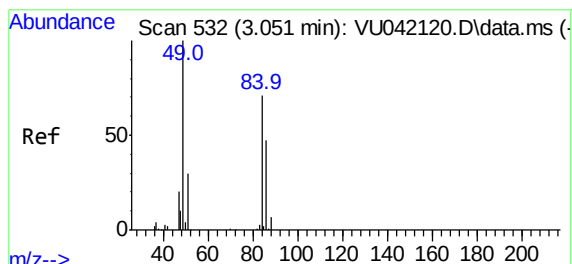
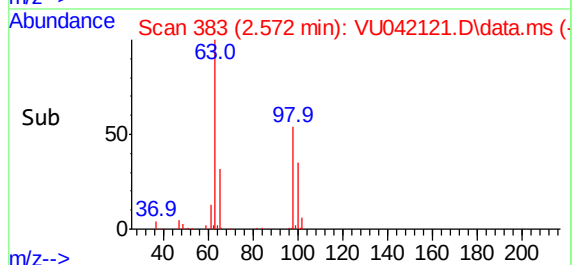
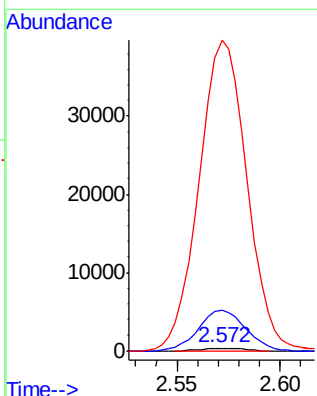
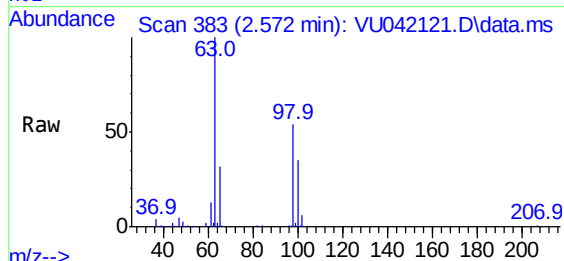




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

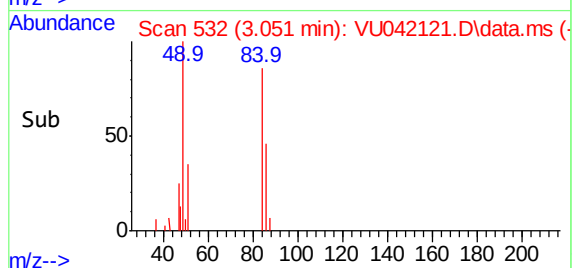
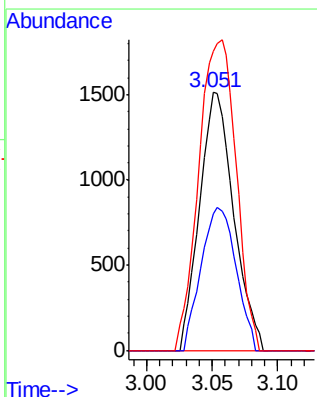
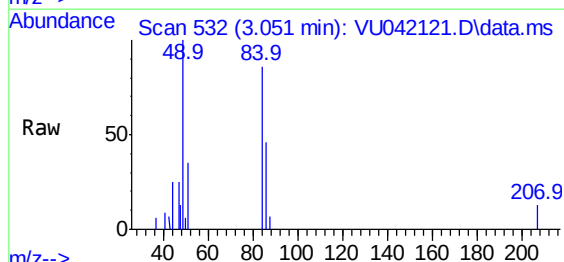
Instrument :
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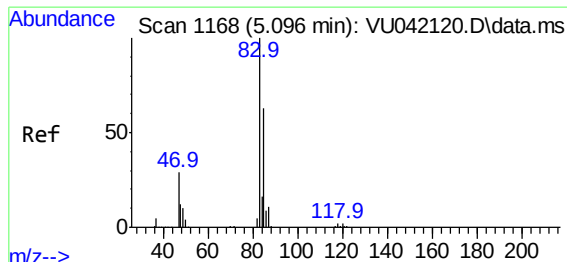
Tgt Ion: 96 Resp: 471
Ion Ratio Lower Upper
96 100
61 1557.0 126.2 234.4#
63 12038.8 77.8 144.4#



#16
Methylene chloride
Concen: 0.30 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

Tgt Ion: 84 Resp: 2727
Ion Ratio Lower Upper
84 100
86 53.1 44.1 81.9
49 123.4 95.0 176.4

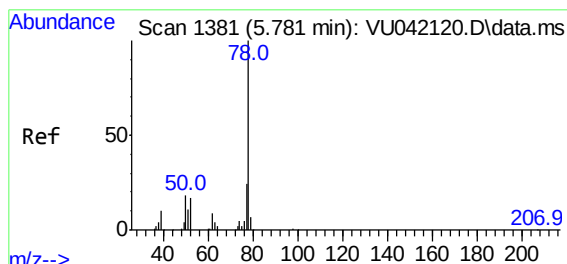
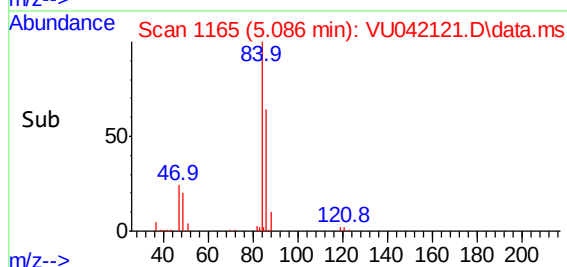
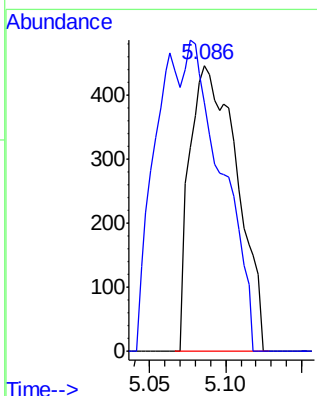
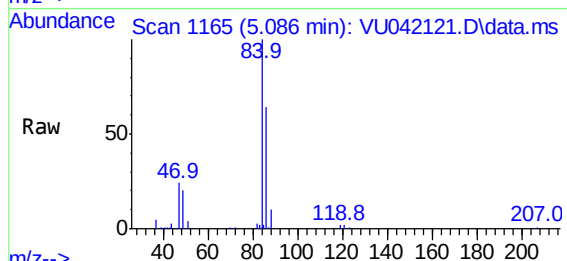




#25
Chloroform
Concen: 0.06 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.010 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

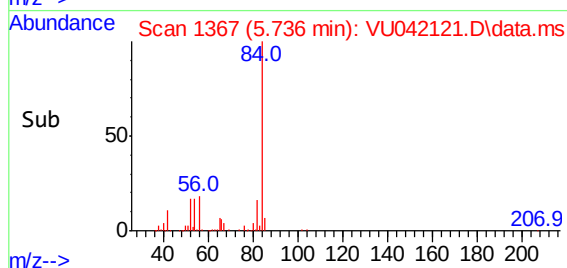
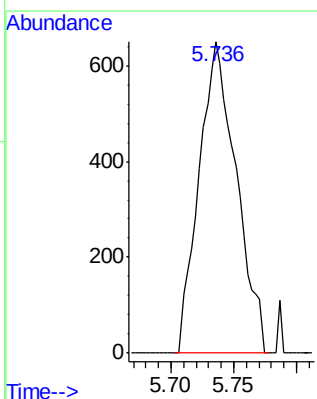
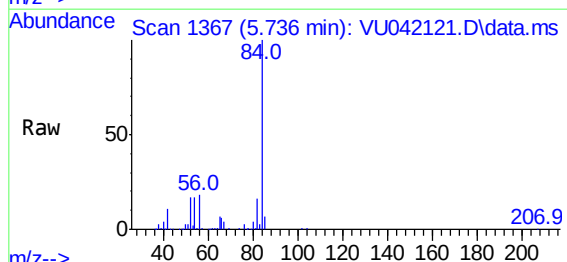
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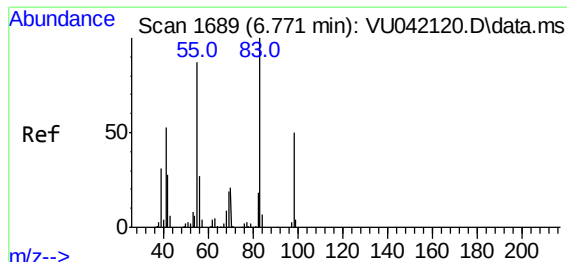
Tgt Ion: 83 Resp: 961
Ion Ratio Lower Upper
83 100
85 87.0 45.7 84.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.045 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

Tgt Ion: 78 Resp: 1344

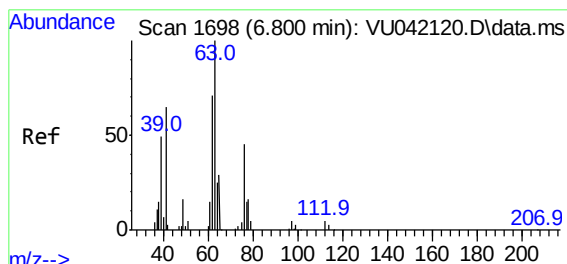
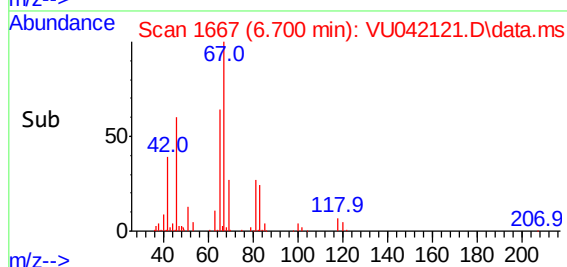
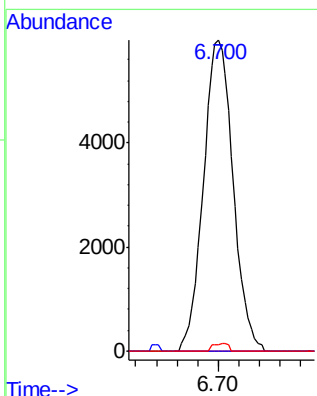
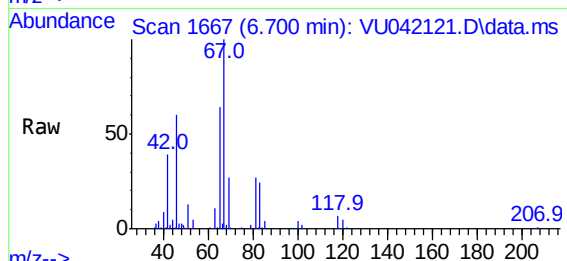




#35
Methylcyclohexane
Concen: 0.86 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

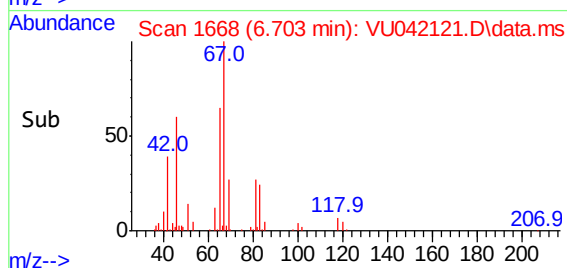
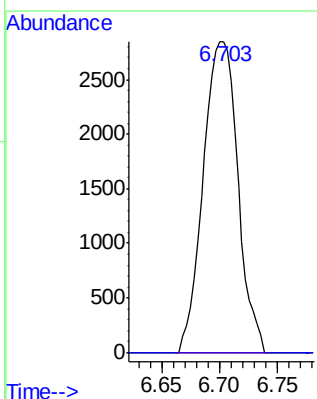
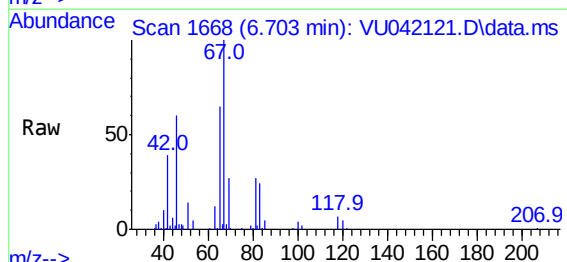
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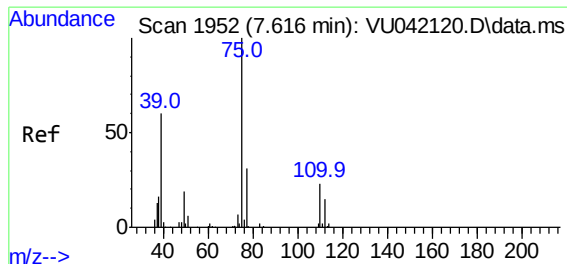
Tgt Ion: 83 Resp: 11929
Ion Ratio Lower Upper
83 100
55 0.6 68.2 102.4#
98 1.2 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.73 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

Tgt Ion: 63 Resp: 5924
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

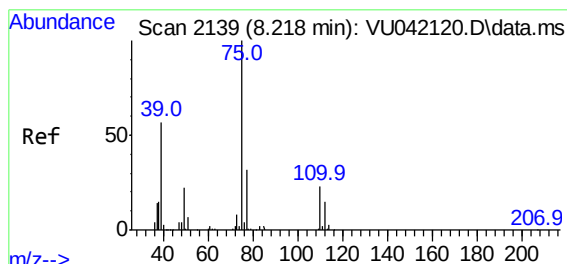
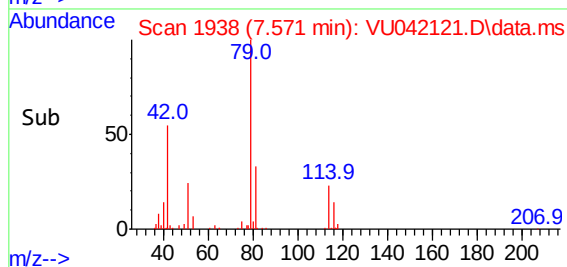
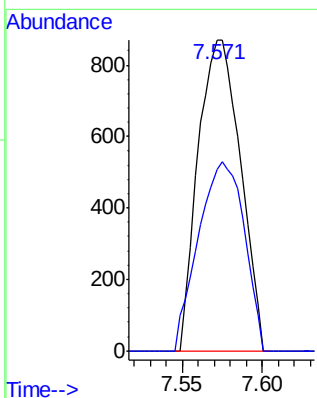
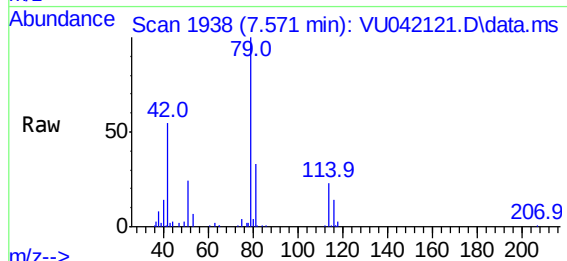




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

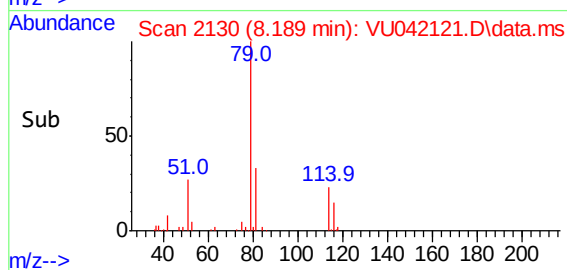
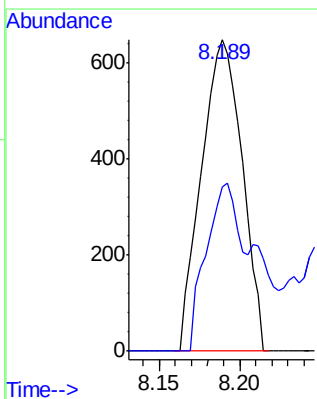
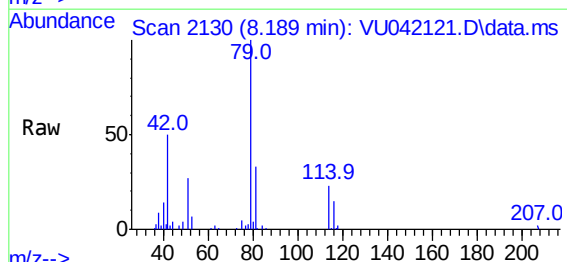
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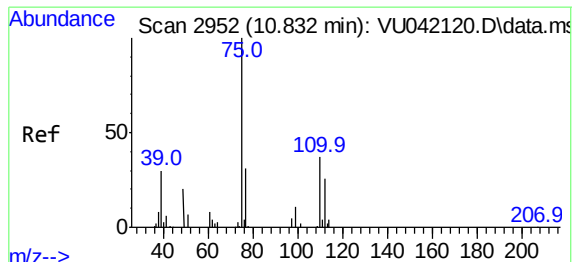
Tgt Ion: 75 Resp: 1565
Ion Ratio Lower Upper
75 100
77 58.4 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042121.D
Acq: 20 Jan 2021 21:57

Tgt Ion: 75 Resp: 1120
Ion Ratio Lower Upper
75 100
77 52.5 21.8 40.4#





#59
 1,2,3-Trichloropropane
 Concen: 1.02 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042121.D
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Instrument :
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Tgt Ion: 75 Resp: 5817
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.0 39.0

