

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042159.D
 Acq On : 21 Jan 2021 18:34
 Operator : SY/MD
 Sample : M1170-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Jan 22 02:52:47 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)

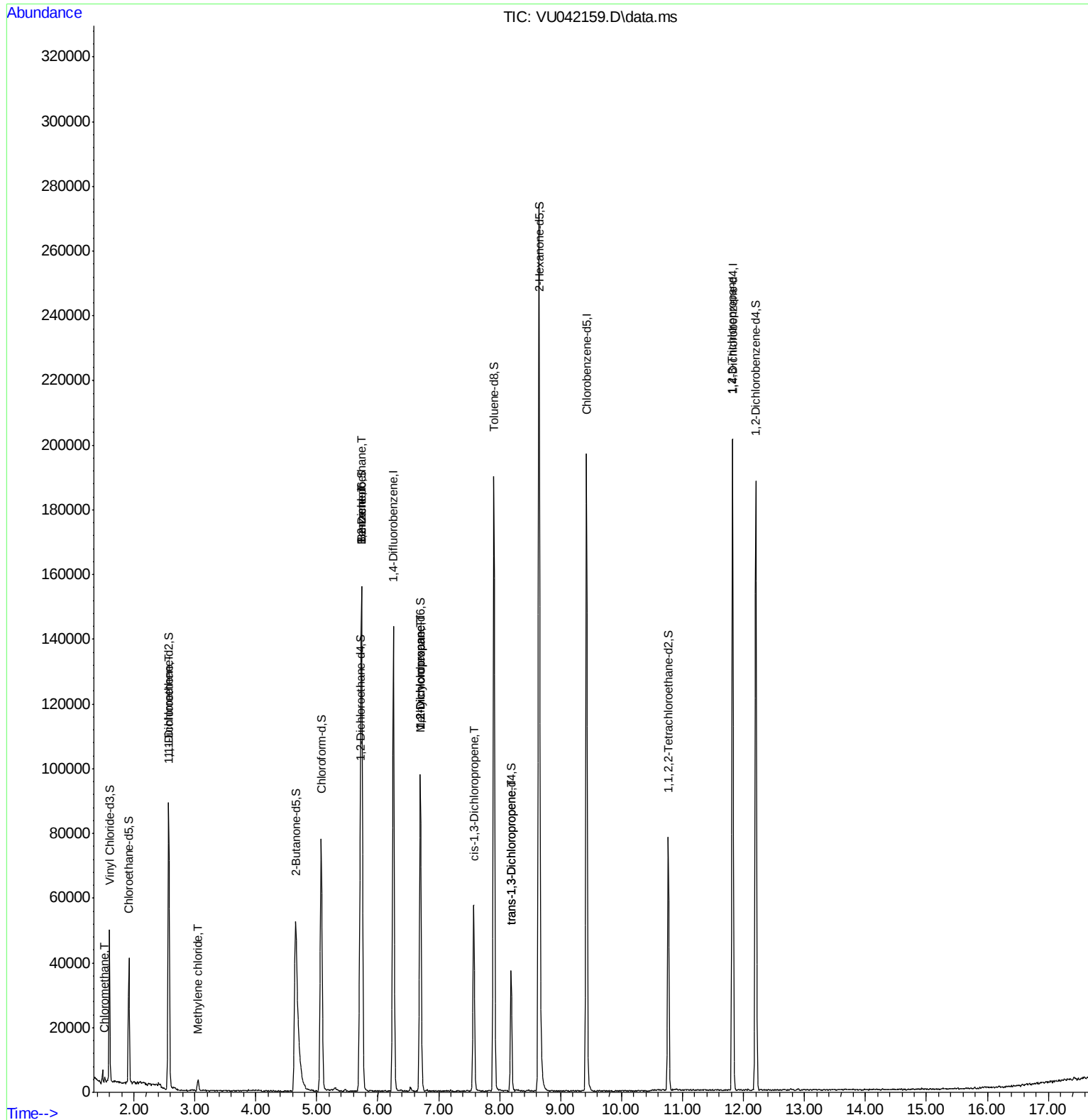
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110835	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	103280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	52361	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31022	4.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	86.80%		
7) Chloroethane-d5	1.916	69	26100	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	90.60%		
11) 1,1-Dichloroethene-d2	2.571	63	54385	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	69.00%		
20) 2-Butanone-d5	4.652	46	138278	53.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	106.00%		
24) Chloroform-d	5.073	84	69970	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.80%		
26) 1,2-Dichloroethane-d4	5.713	65	44388	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.40%		
32) Benzene-d6	5.735	84	131417	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.40%		
36) 1,2-Dichloropropane-d6	6.700	67	43561	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.20%		
41) Toluene-d8	7.906	98	117783	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.40%		
43) trans-1,3-Dichloroprop...	8.185	79	20531	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.20%		
46) 2-Hexanone-d5	8.645	63	98463	51.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	102.58%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36564	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	47076	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.00%		
Target Compounds						
3) Chloromethane	1.520	50	848	0.09	ug/L #	71
12) 1,1-Dichloroethene	2.568	96	418	0.06	ug/L #	1
16) Methylene chloride	3.054	84	1531	0.17	ug/L	96
27) 1,2-Dichloroethane	5.735	62	882	0.08	ug/L #	75
33) Benzene	5.732	78	1018	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	10437	0.76	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5092	0.64	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1464	0.11	ug/L #	70
44) trans-1,3-Dichloropropene	8.185	75	778	0.06	ug/L #	65
59) 1,2,3-Trichloropropane	11.819	75	5990	1.06	ug/L	91

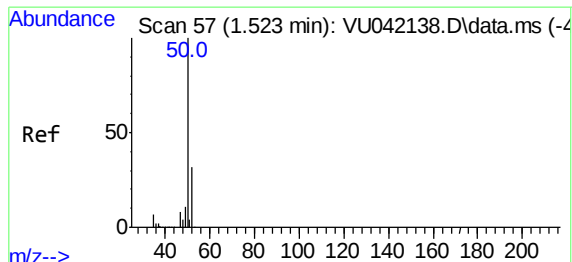
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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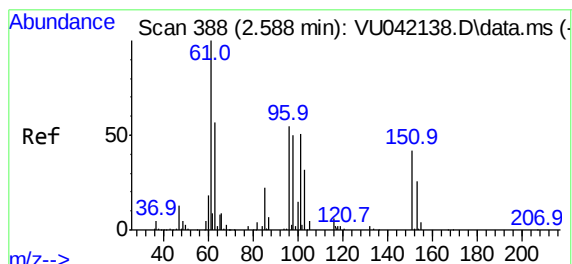
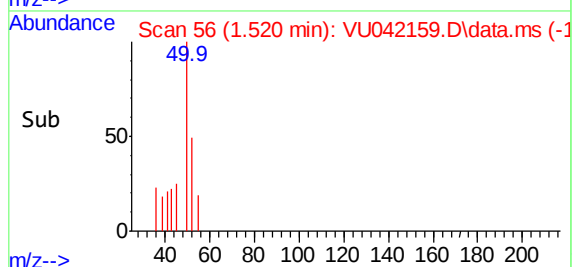
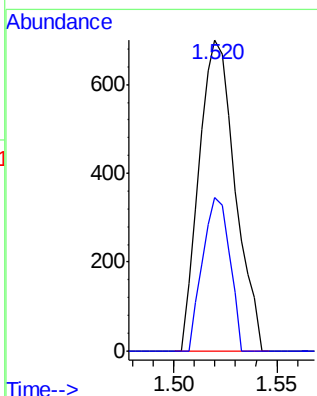
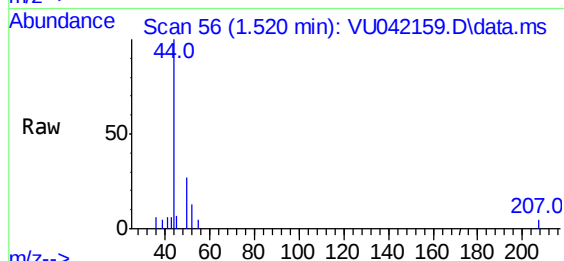




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

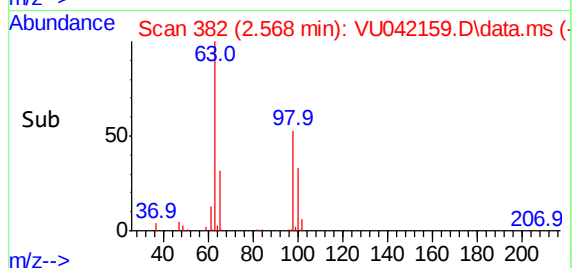
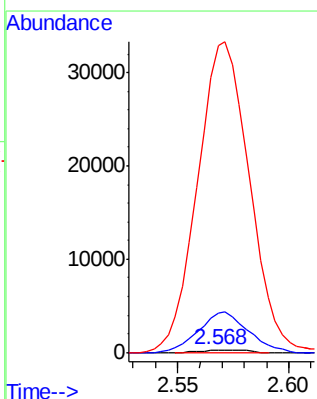
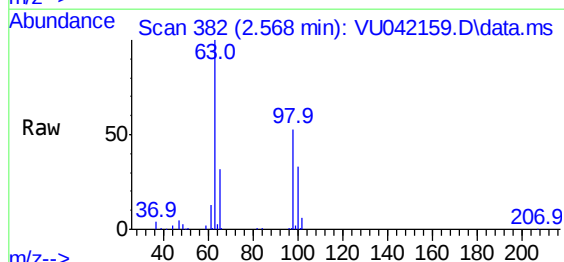
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

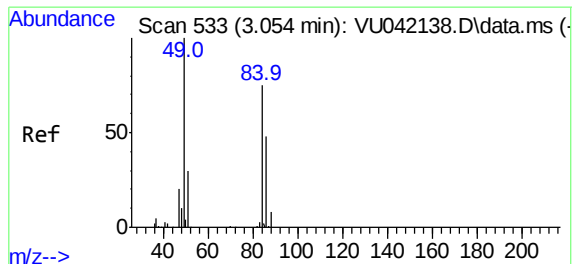
Tgt Ion: 50 Resp: 848
Ion Ratio Lower Upper
50 100
52 49.4 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

Tgt Ion: 96 Resp: 418
Ion Ratio Lower Upper
96 100
61 1415.6 126.2 234.4#
63 10939.5 77.8 144.4#

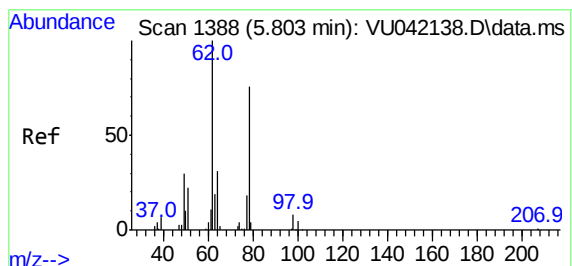
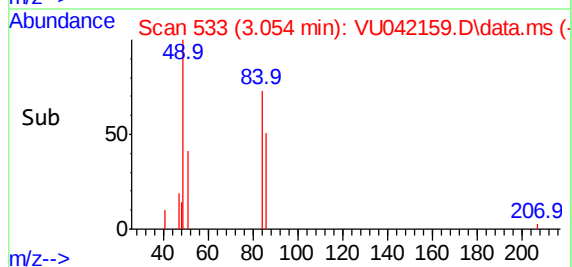
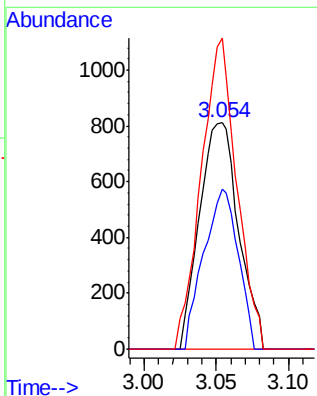
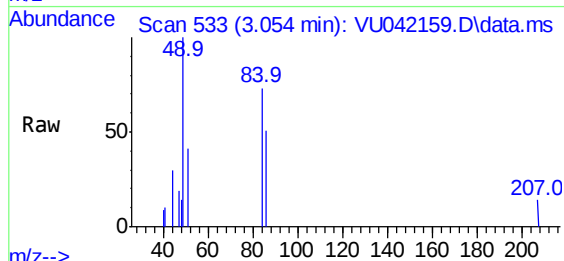




#16
Methylene chloride
Concen: 0.17 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

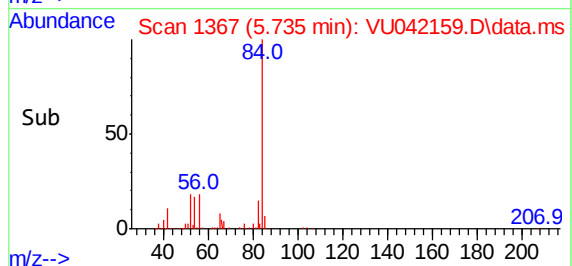
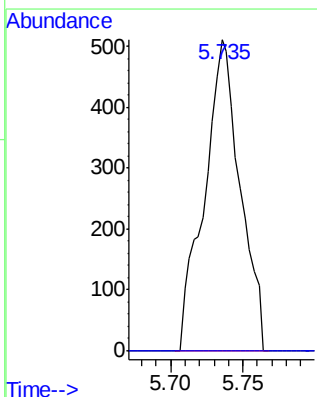
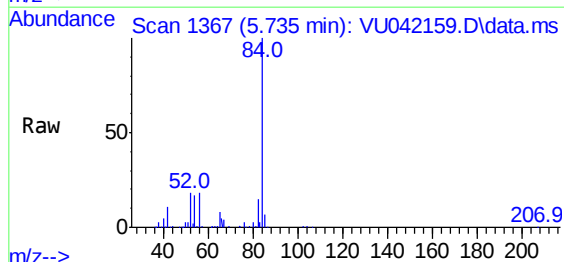
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

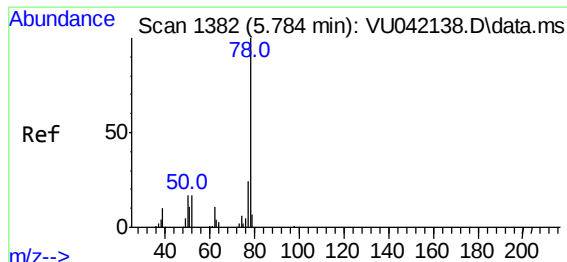
Tgt Ion: 84 Resp: 1531
Ion Ratio Lower Upper
84 100
86 70.7 44.1 81.9
49 137.5 95.0 176.4



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

Tgt Ion: 62 Resp: 882
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

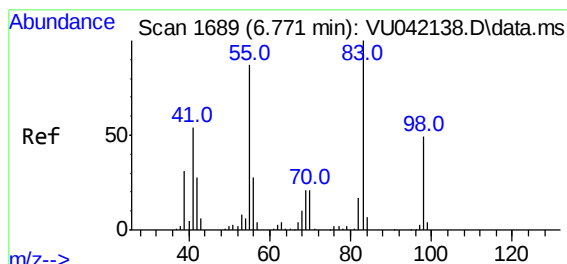
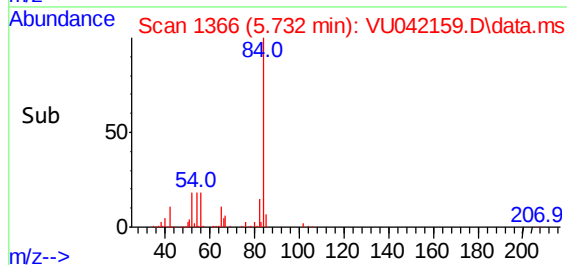
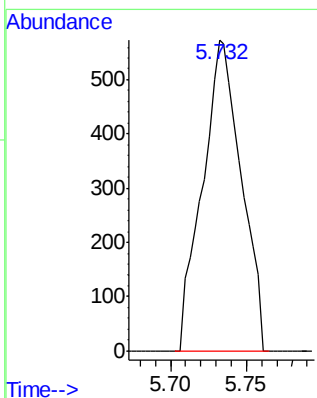
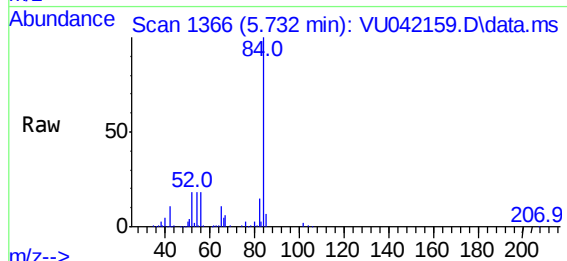




#33
Benzene
Concen: 0.03 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.052 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

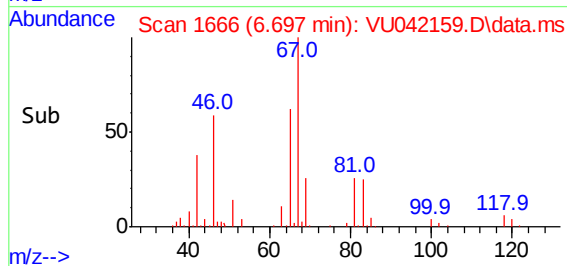
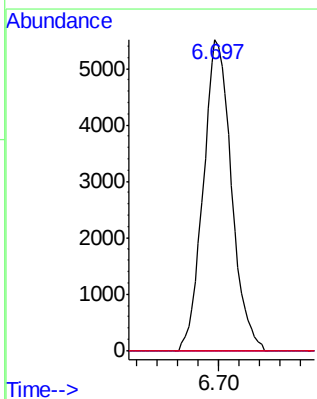
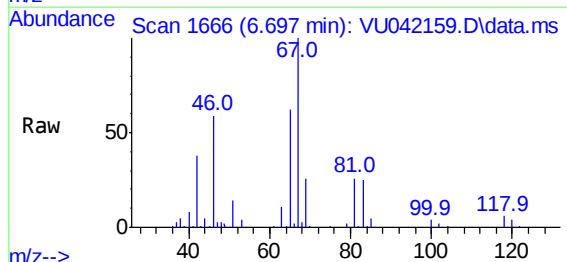
Tgt Ion: 78 Resp: 1018

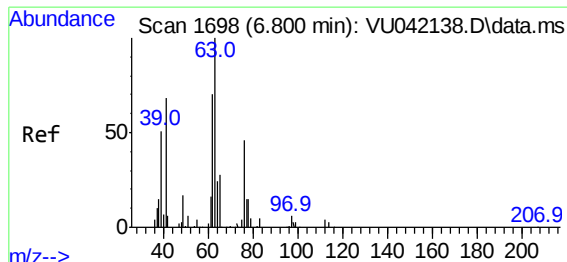


#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

Tgt Ion: 83 Resp: 10437

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.5	39.7	59.5#

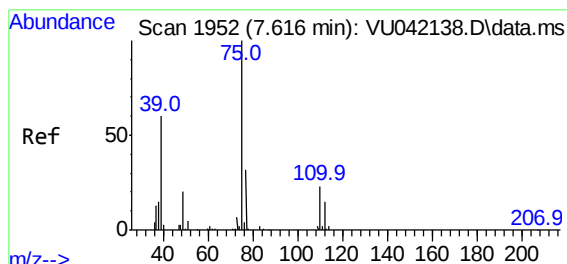
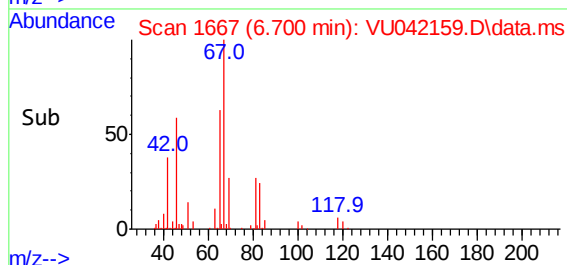
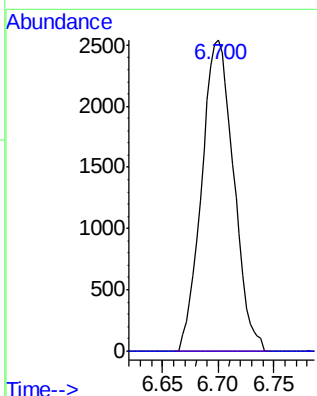
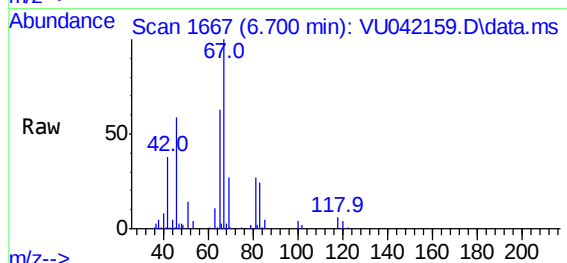




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

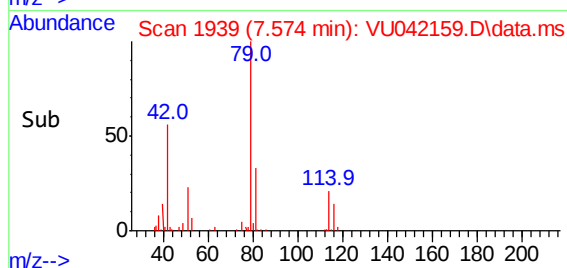
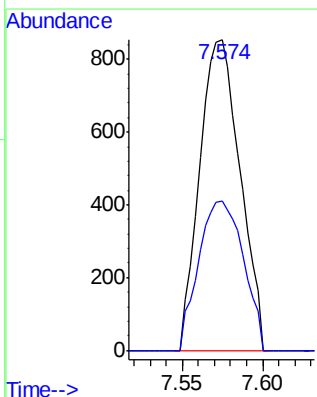
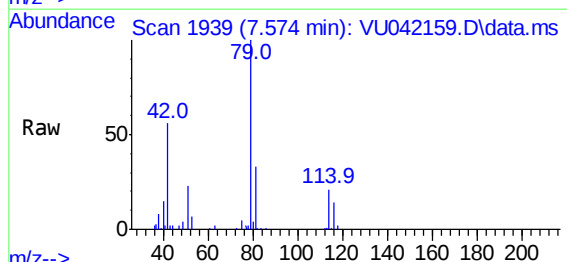
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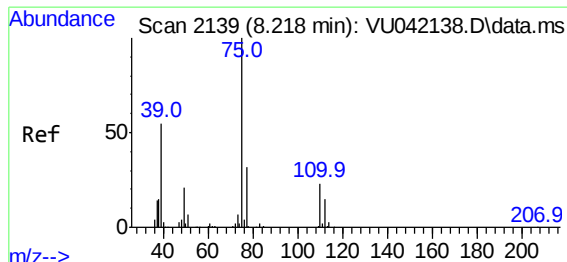
Tgt Ion: 63 Resp: 5092
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

Tgt Ion: 75 Resp: 1464
Ion Ratio Lower Upper
75 100
77 48.1 22.0 40.8#



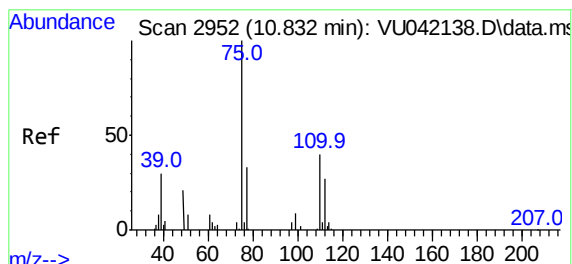
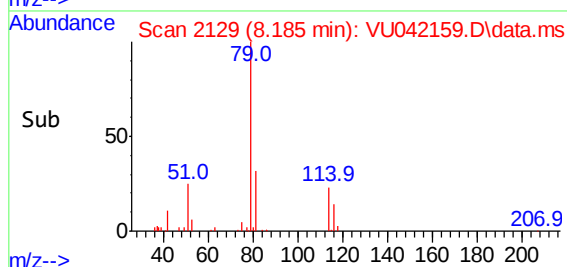
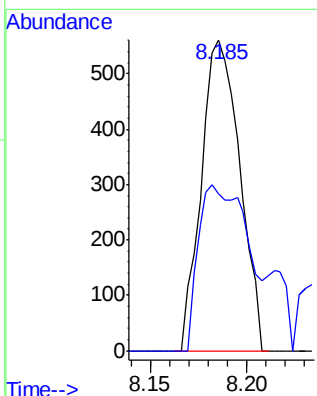
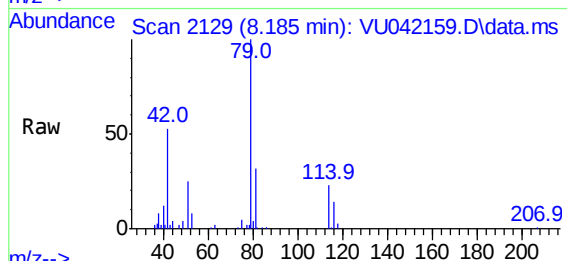


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 778
Ion Ratio Lower Upper
75 100
77 50.6 21.8 40.4#



#59

1,2,3-Trichloropropane
Concen: 1.06 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042159.D
Acq: 21 Jan 2021 18:34

Tgt Ion: 75 Resp: 5990
Ion Ratio Lower Upper
75 100
77 37.6 26.0 39.0

