

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042158.D
 Acq On : 21 Jan 2021 18:10
 Operator : SY/MD
 Sample : M1170-19DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT99DL

Quant Time: Jan 22 02:52:23 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)

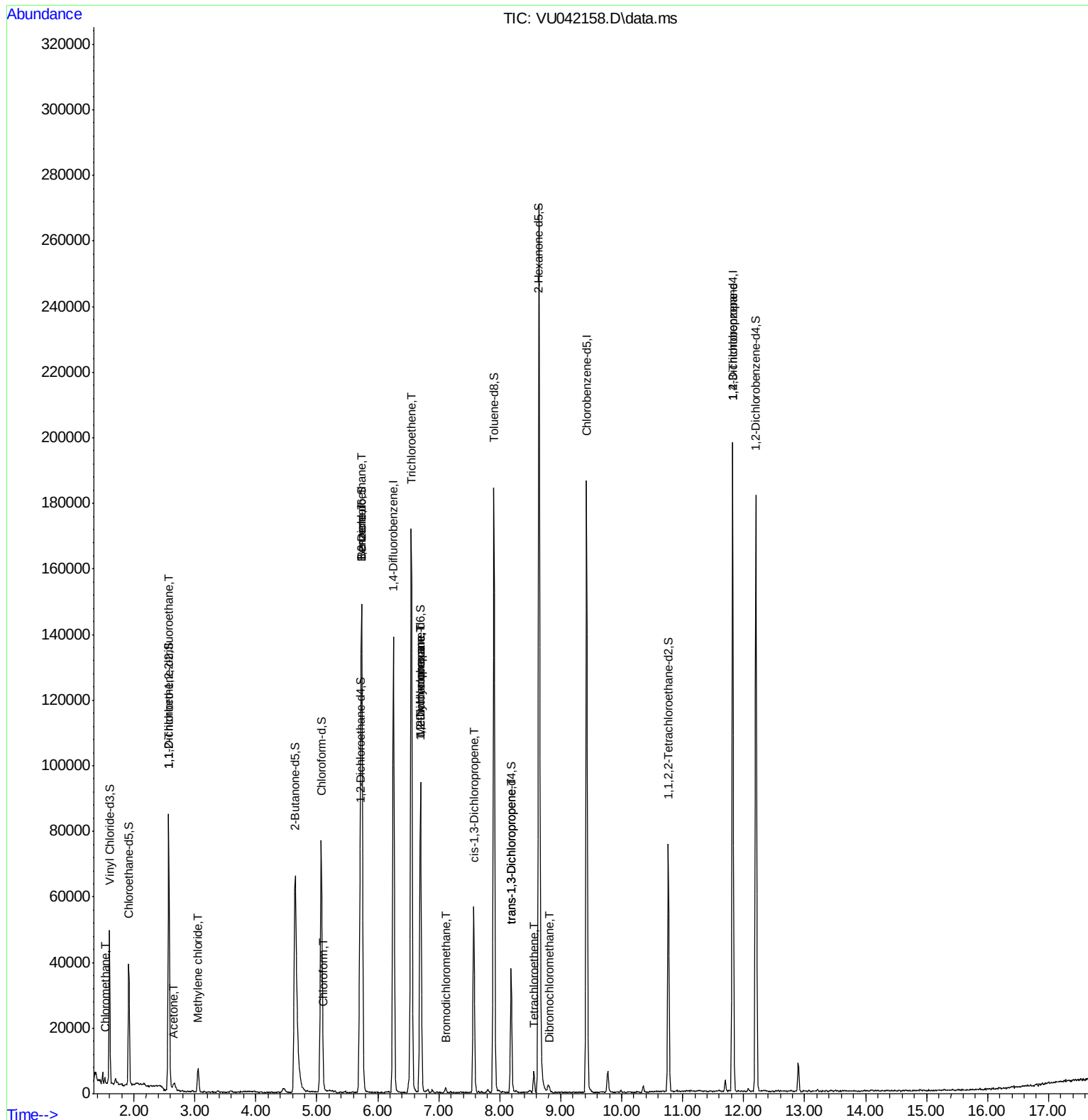
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	107731	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	98755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	51496	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29245	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	84.20%		
7) Chloroethane-d5	1.916	69	25128	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	89.80%		
11) 1,1-Dichloroethene-d2	2.572	63	51278	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	67.00%		
20) 2-Butanone-d5	4.645	46	135998	53.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	107.26%		
24) Chloroform-d	5.073	84	68261	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.00%		
26) 1,2-Dichloroethane-d4	5.710	65	42305	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.40%		
32) Benzene-d6	5.735	84	127238	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.60%		
36) 1,2-Dichloropropane-d6	6.700	67	41720	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.40%		
41) Toluene-d8	7.906	98	116228	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.40%		
43) trans-1,3-Dichloroprop...	8.189	79	19862	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	94.20%		
46) 2-Hexanone-d5	8.642	63	96613	52.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	105.26%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35440	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.40%		
64) 1,2-Dichlorobenzene-d4	12.201	152	45652	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.60%		
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	1294	0.14	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	346	0.05	ug/L #	18
13) Acetone	2.652	43	2167	1.28	ug/L	85
16) Methylene chloride	3.054	84	3237	0.38	ug/L	93
25) Chloroform	5.102	83	2311	0.16	ug/L	97
27) 1,2-Dichloroethane	5.735	62	729	0.07	ug/L #	75
33) Benzene	5.732	78	1073	0.04	ug/L	100
34) Trichloroethene	6.549	95	55615	7.10	ug/L	99
35) Methylcyclohexane	6.700	83	10166	0.77	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	4901	0.64	ug/L #	87
38) Bromodichloromethane	7.115	83	1226	0.12	ug/L #	92
39) cis-1,3-Dichloropropene	7.575	75	1315	0.10	ug/L #	67
44) trans-1,3-Dichloropropene	8.189	75	875	0.08	ug/L #	82
47) Tetrachloroethene	8.562	164	1481	0.23	ug/L	95
49) Dibromochloromethane	8.822	129	663	0.09	ug/L	90
59) 1,2,3-Trichloropropane	11.822	75	6020	1.11	ug/L	95

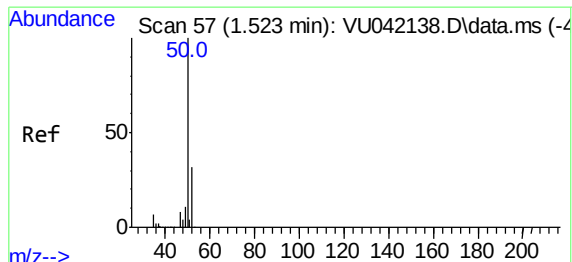
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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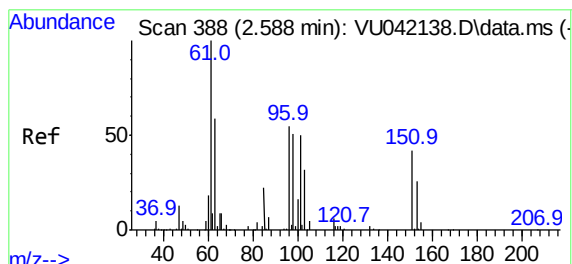
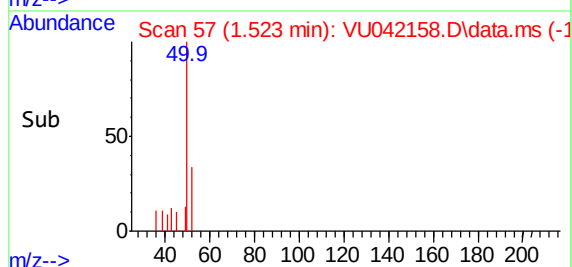
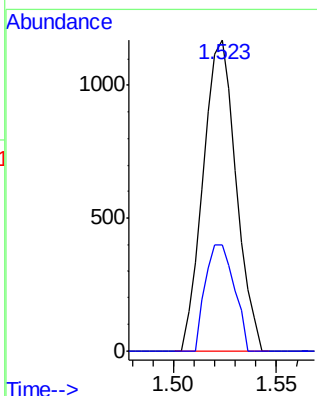
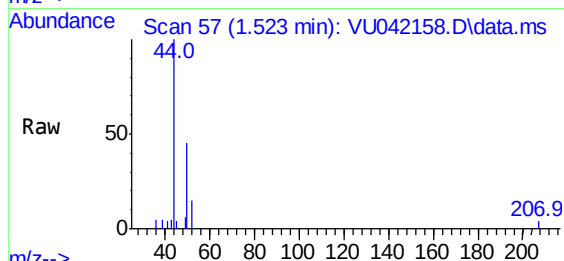




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

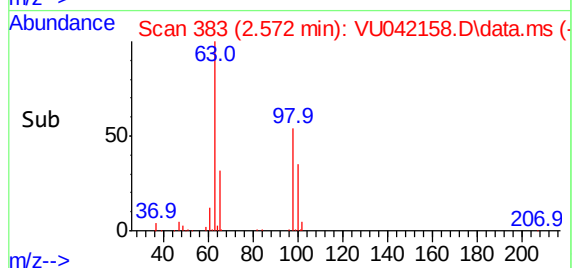
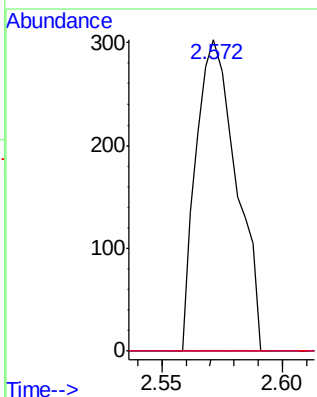
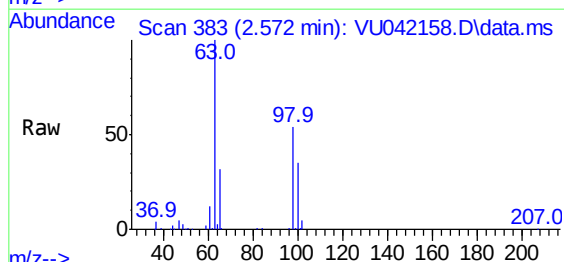
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MSVOA_U
ClientSampleId :
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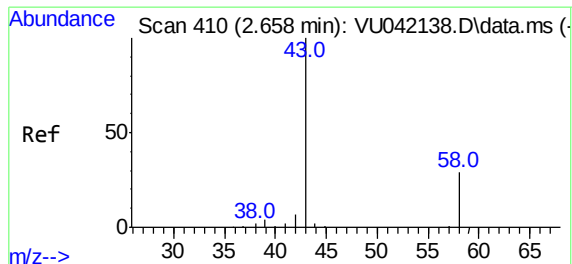
Tgt Ion: 50 Resp: 1294
Ion Ratio Lower Upper
50 100
52 34.1 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Tgt Ion: 101 Resp: 346
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

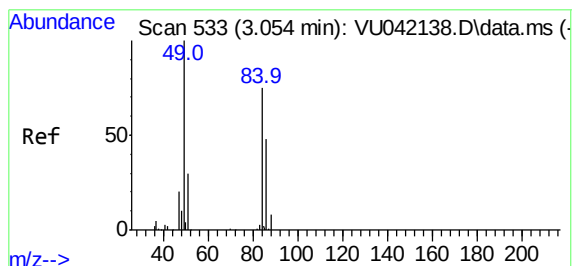
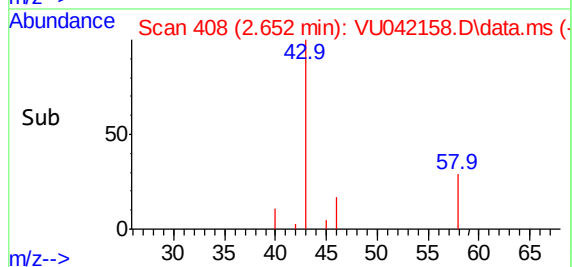
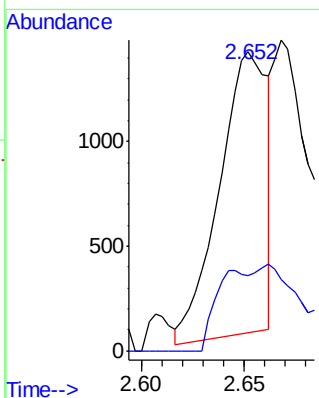
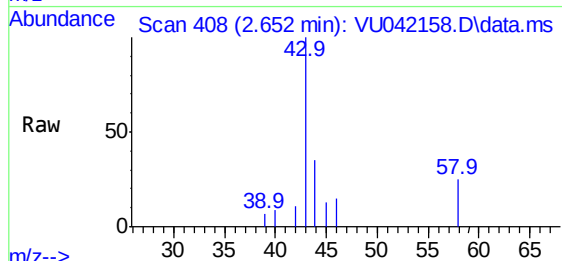




#13
Acetone
Concen: 1.28 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.006 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

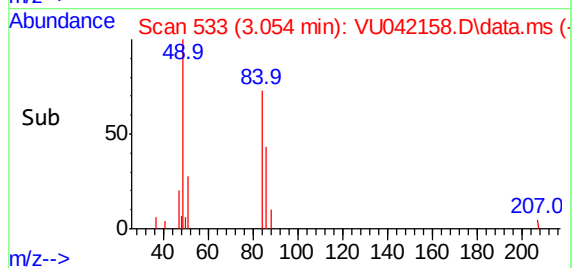
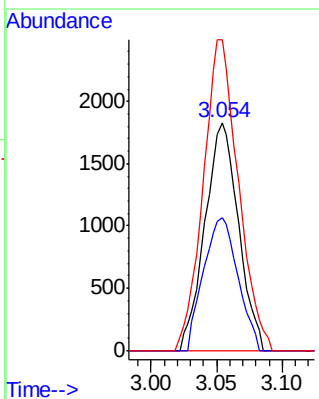
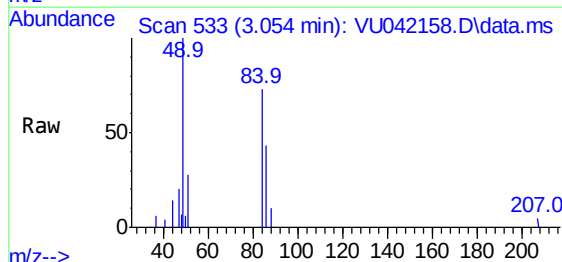
Instrument :
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ClientSampleId :
BFT99DL

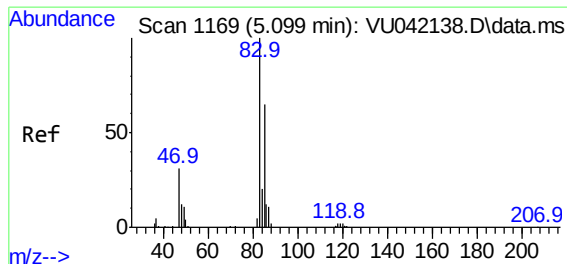
Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
58 19.8 0.0 55.8



#16
Methylene chloride
Concen: 0.38 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Tgt Ion: 84 Resp: 3237
Ion Ratio Lower Upper
84 100
86 58.1 44.1 81.9
49 144.9 95.0 176.4

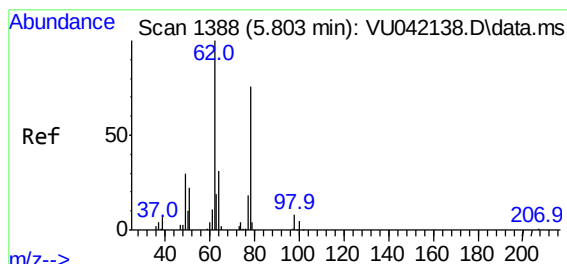
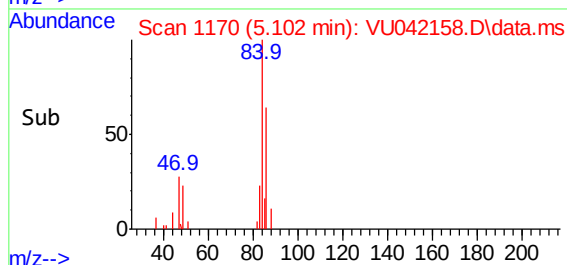
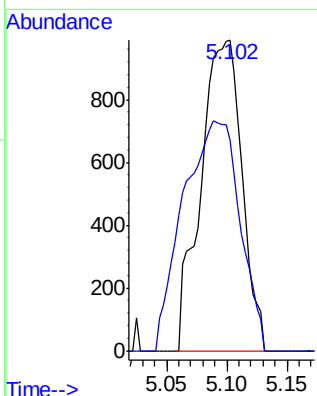
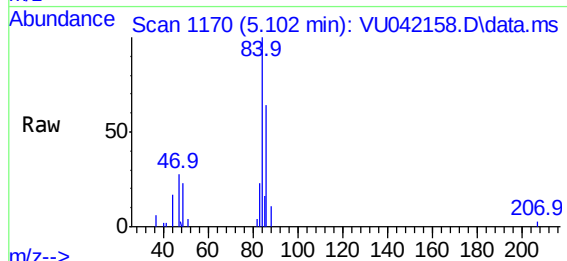




#25
Chloroform
Concen: 0.16 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

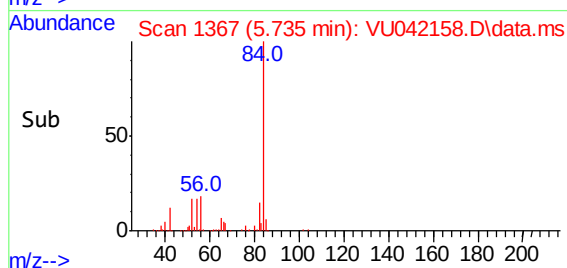
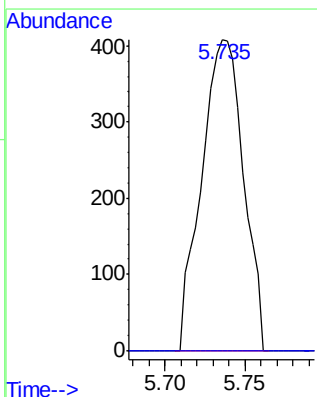
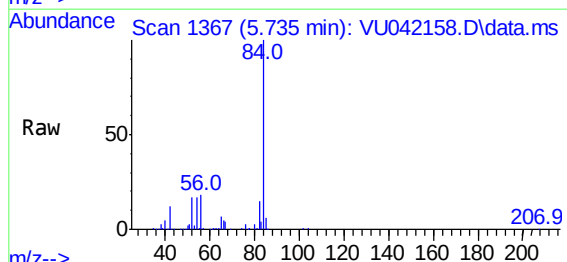
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MSVOA_U
ClientSampleId :
BFT99DL

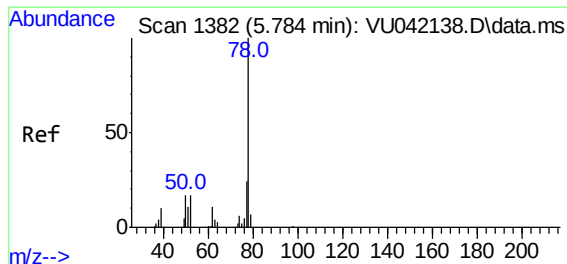
Tgt Ion: 83 Resp: 2311
Ion Ratio Lower Upper
83 100
85 68.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Tgt Ion: 62 Resp: 729
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

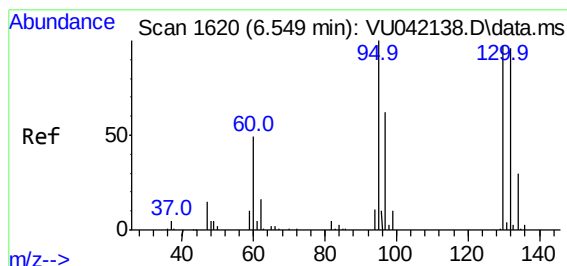
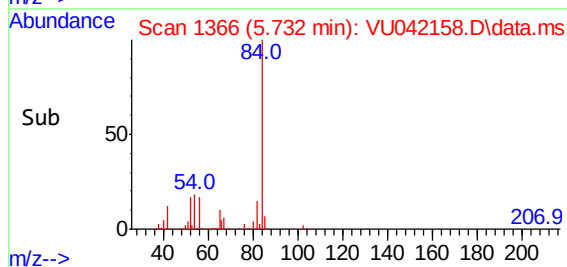
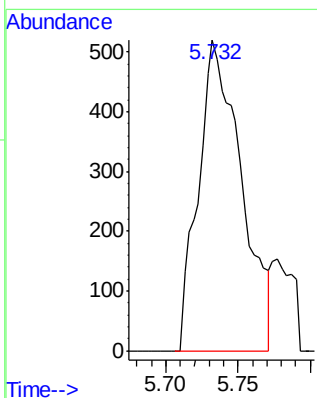
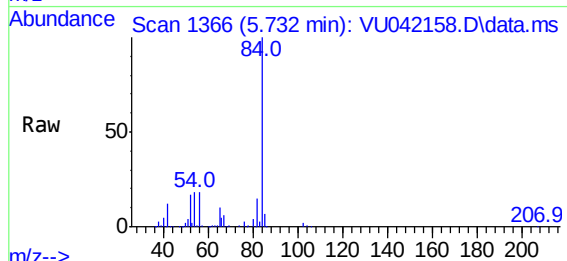




#33
Benzene
Concen: 0.04 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

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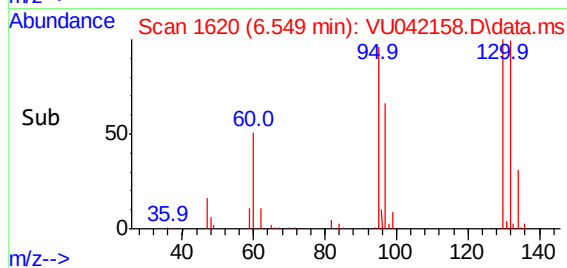
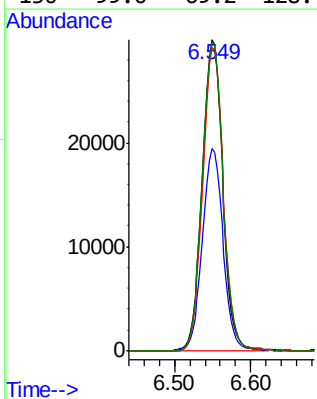
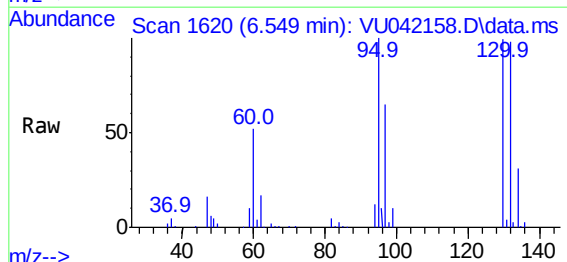
Tgt Ion: 78 Resp: 1073

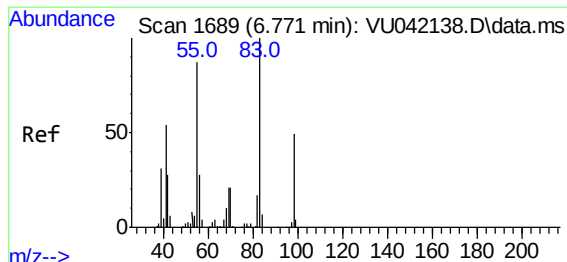


#34
Trichloroethene
Concen: 7.10 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Tgt Ion: 95 Resp: 55615

Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.4	82.4
132	97.6	68.0	126.4
130	99.0	69.2	128.4

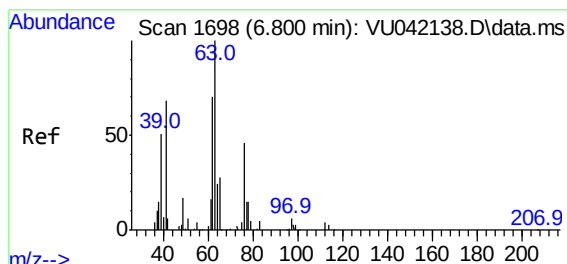
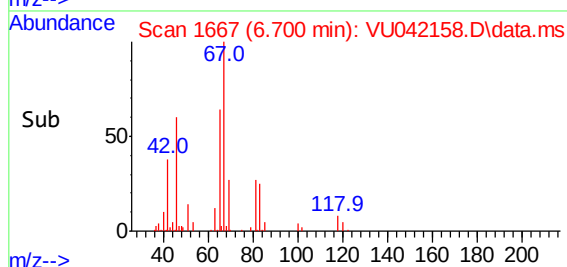
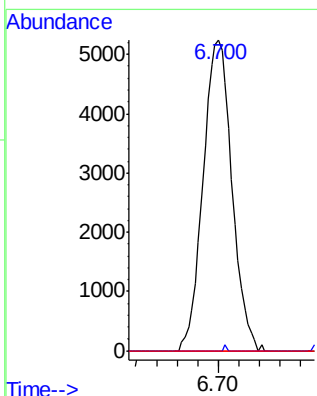
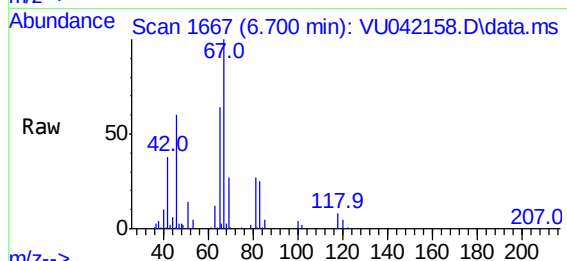




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

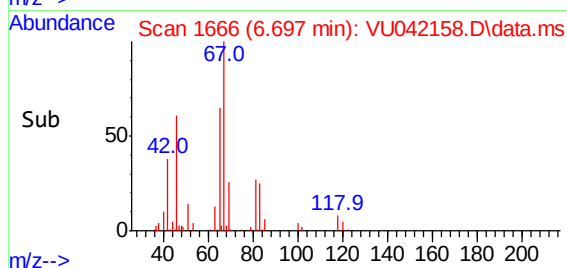
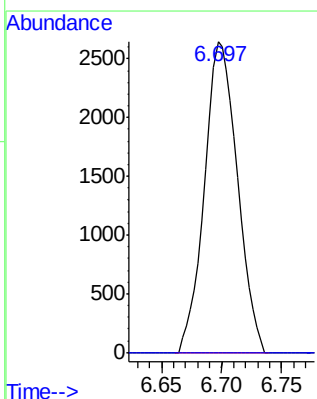
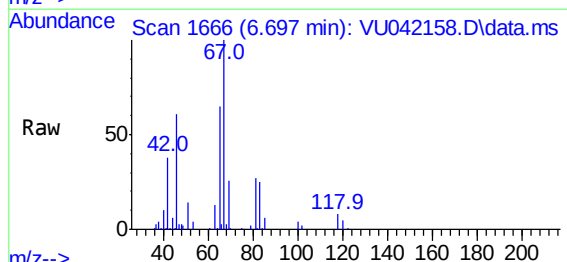
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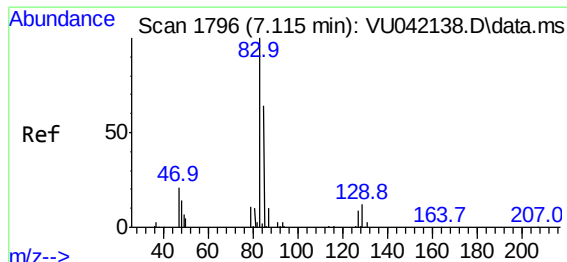
Tgt Ion: 83 Resp: 10166
Ion Ratio Lower Upper
83 100
55 4.7 68.2 102.4#
98 2.1 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

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

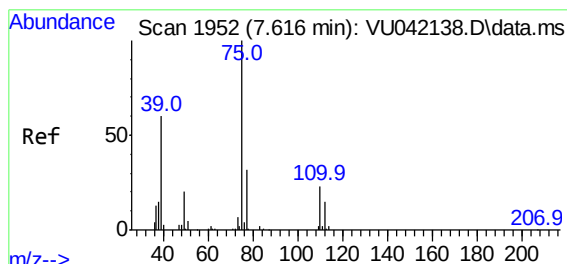
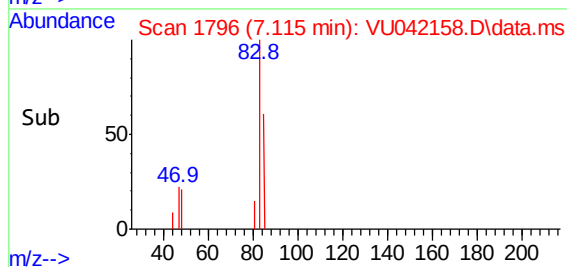
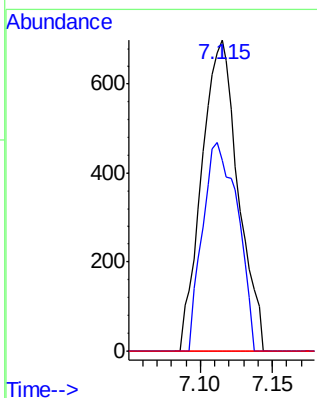
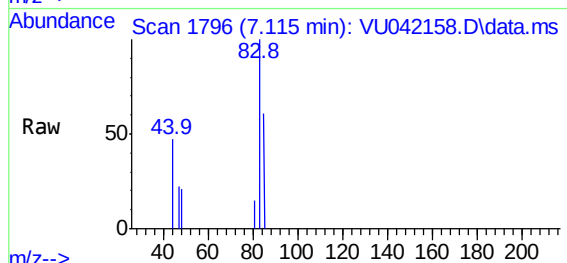




#38
Bromodichloromethane
Concen: 0.12 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

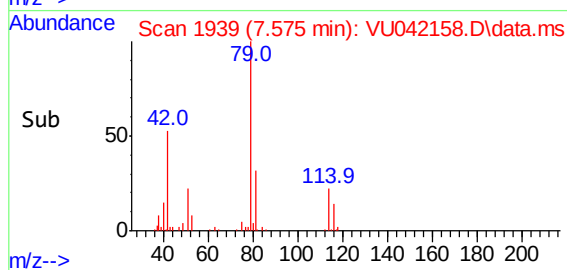
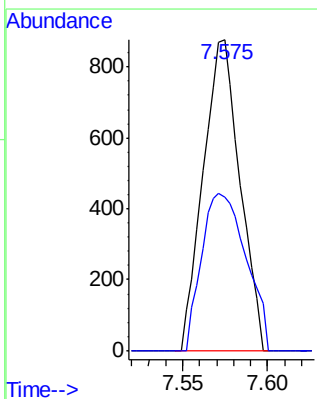
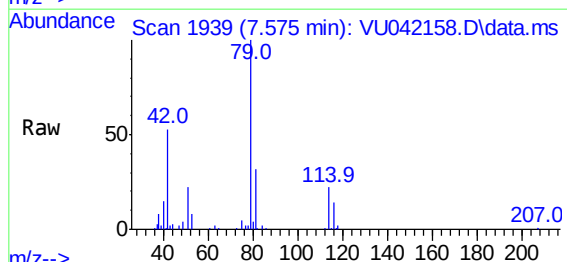
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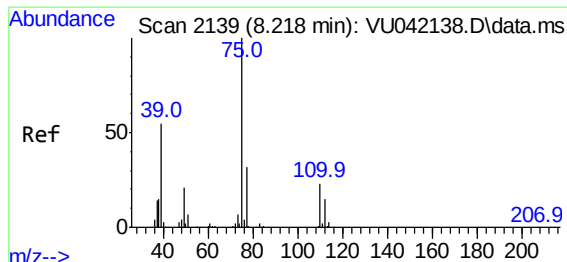
Tgt Ion: 83 Resp: 1226
Ion Ratio Lower Upper
83 100
85 61.4 46.0 85.4
127 0.0 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
77 49.4 22.0 40.8#



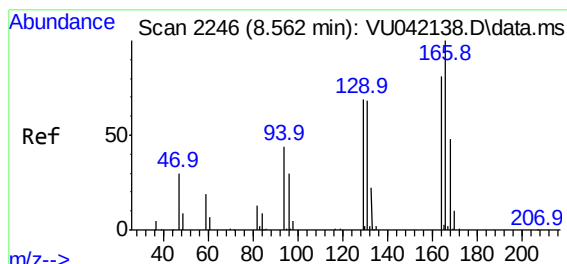
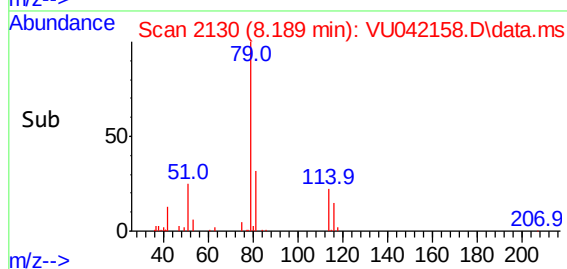
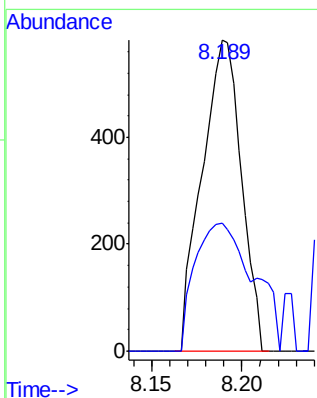
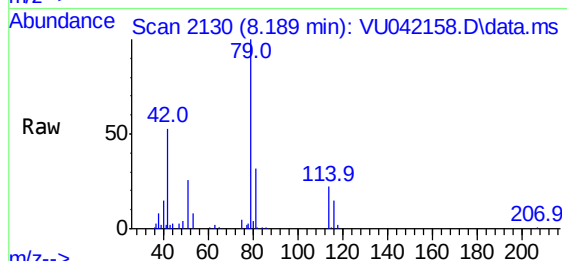


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Instrument :
MSVOA_U
ClientSampleId :
BFT99DL

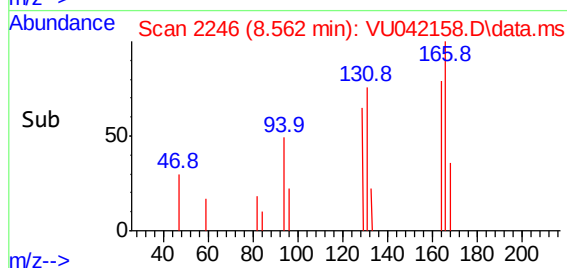
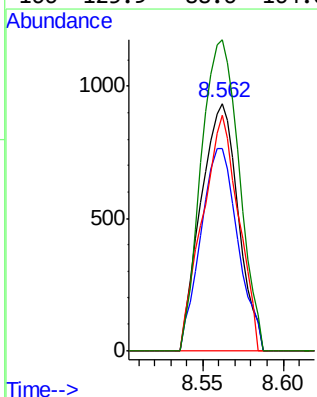
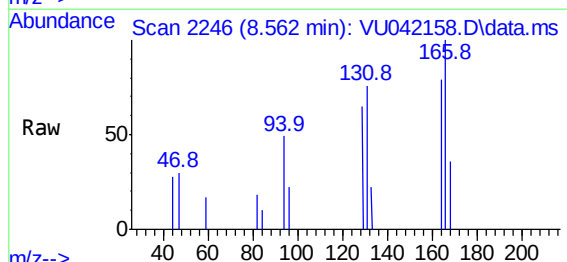
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Ion Ratio Lower Upper
75 100
77 41.2 21.8 40.4#

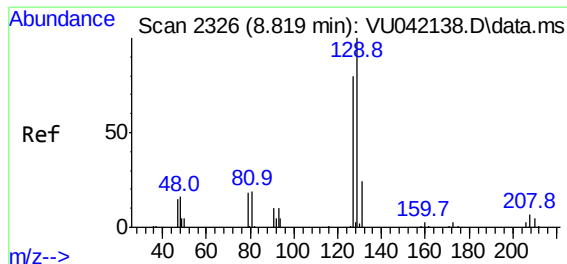


#47

Tetrachloroethene
Concen: 0.23 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Tgt Ion:164 Resp: 1481
Ion Ratio Lower Upper
164 100
129 82.0 64.3 119.5
131 95.1 62.2 115.6
166 125.9 88.6 164.6

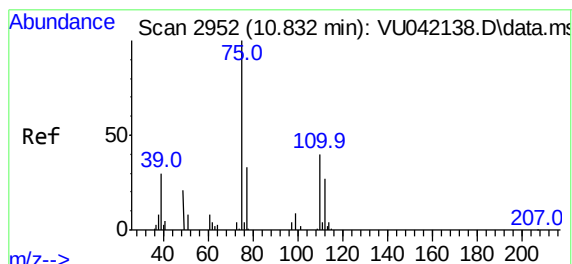
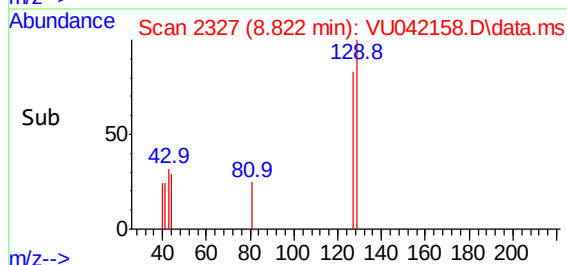
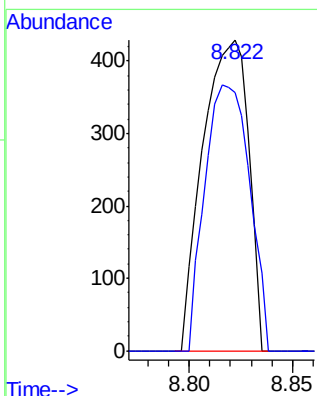
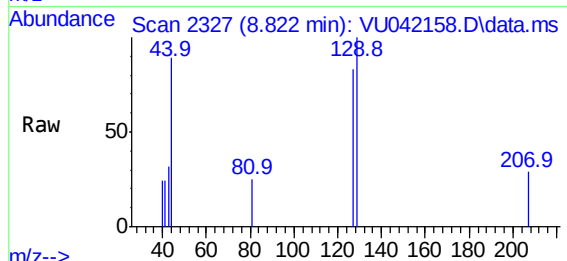




#49
Dibromochloromethane
Concen: 0.09 ug/L
RT: 8.822 min Scan# 2327
Delta R.T. 0.003 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Instrument :
MSVOA_U
ClientSampleId :
BFT99DL

Tgt Ion:129 Resp: 663
Ion Ratio Lower Upper
129 100
127 83.0 52.3 97.1



#59
1,2,3-Trichloropropane
Concen: 1.11 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042158.D
Acq: 21 Jan 2021 18:10

Tgt Ion: 75 Resp: 6020
Ion Ratio Lower Upper
75 100
77 35.4 26.0 39.0

