

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021221\
 Data File : VU042316.D
 Acq On : 12 Feb 2021 16:03
 Operator : SY/MD
 Sample : M1406-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA4DL

Quant Time: Feb 12 21:50:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 12 21:47:42 2021
 Response via : Initial Calibration

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

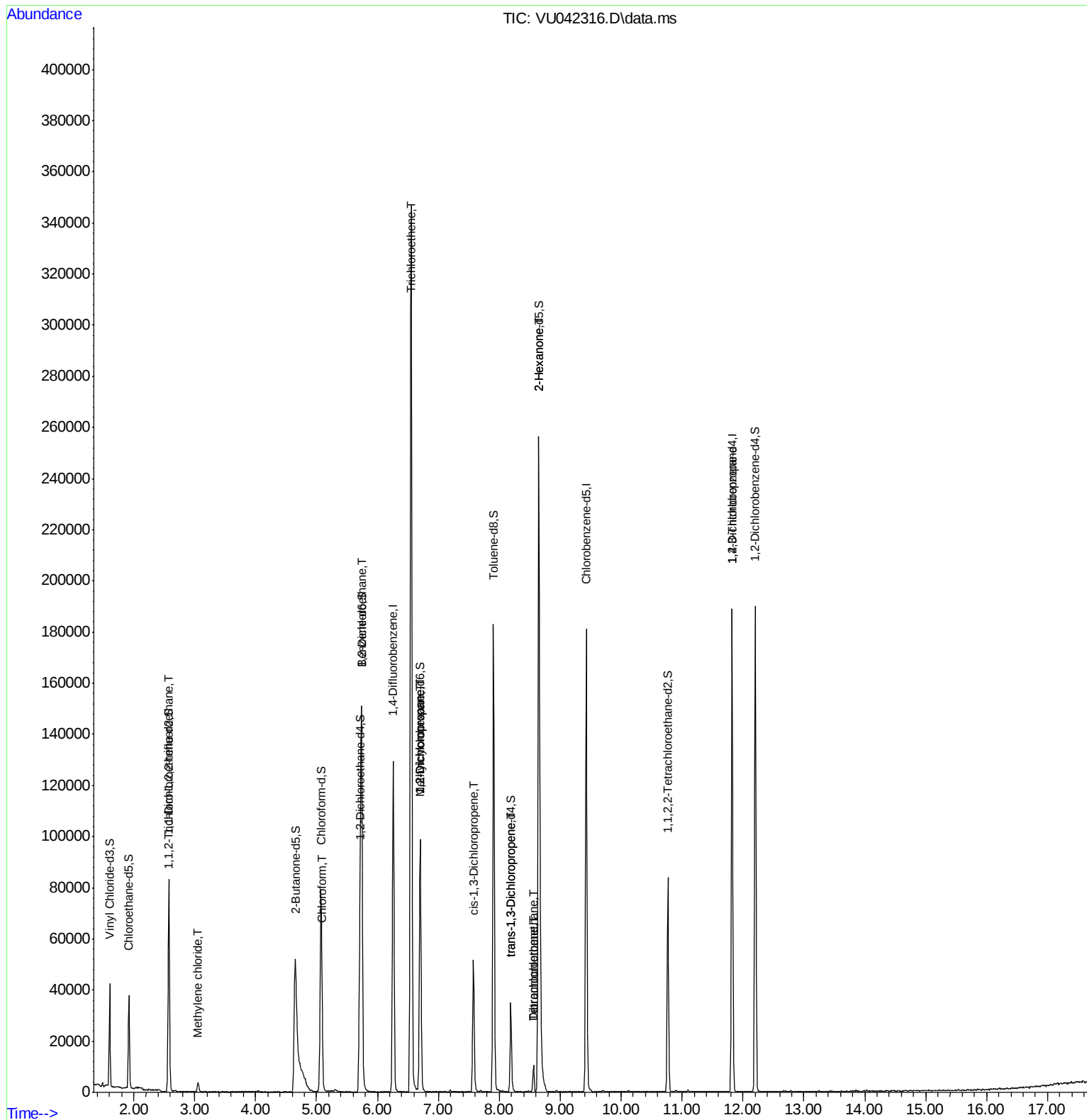
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	99469	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93761	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48906	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27373	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.919	69	24806	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.575	63	52415	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	4.652	46	123730	52.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.70%			
24) Chloroform-d	5.073	84	70676	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.713	65	46587	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.20%			
32) Benzene-d6	5.739	84	126457	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
36) 1,2-Dichloropropane-d6	6.700	67	43678	5.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.60%			
41) Toluene-d8	7.906	98	115235	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloroprop...	8.189	79	18885	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.649	63	105427	60.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.98%			
57) 1,1,2,2-Tetrachloroeth...	10.767	84	38539	5.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	48742	5.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.00%			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	455	0.06	ug/L #	18
16) Methylene chloride	3.054	84	1654	0.21	ug/L	94
25) Chloroform	5.089	83	851	0.06	ug/L #	64
27) 1,2-Dichloroethane	5.739	62	809	0.08	ug/L #	75
34) Trichloroethene	6.552	95	113408	15.24	ug/L	99
35) Methylcyclohexane	6.703	83	9825	0.79	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	5252	0.72	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1266	0.11	ug/L #	51
44) trans-1,3-Dichloropropene	8.189	75	971	0.09	ug/L #	55
47) Tetrachloroethene	8.565	164	2316	0.37	ug/L	96
48) 2-Hexanone	8.649	43	15849	3.67	ug/L #	72
49) Dibromochloromethane	8.562	129	2060	0.29	ug/L #	12
59) 1,2,3-Trichloropropane	11.822	75	5760	1.12	ug/L #	85

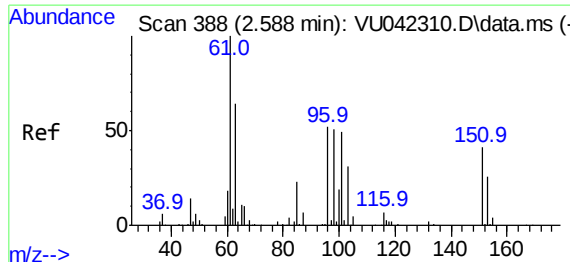
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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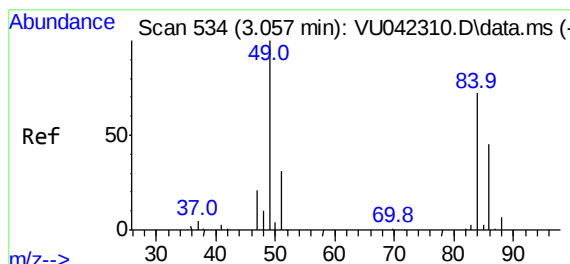
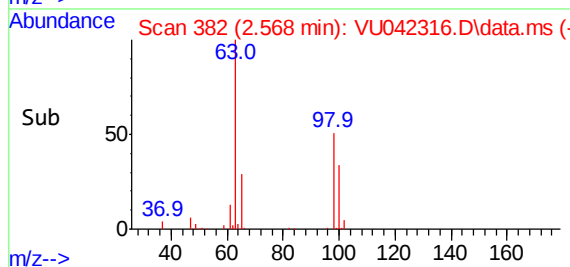
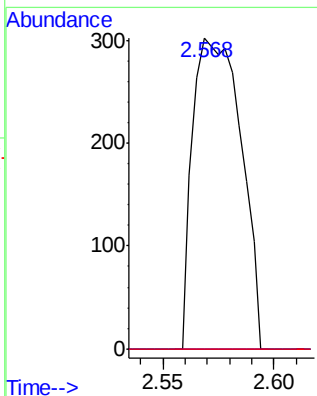
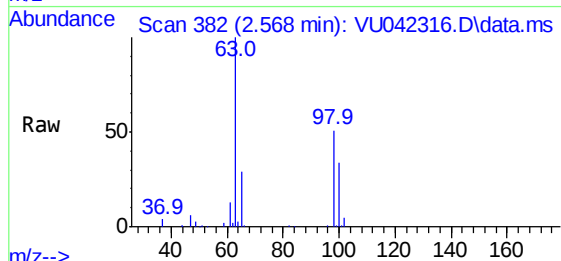




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

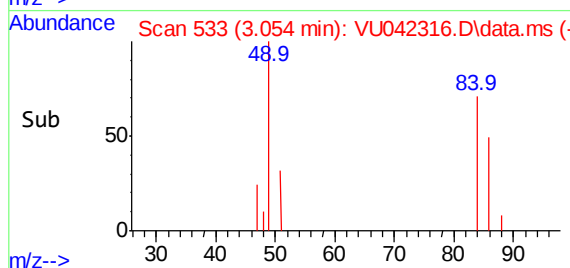
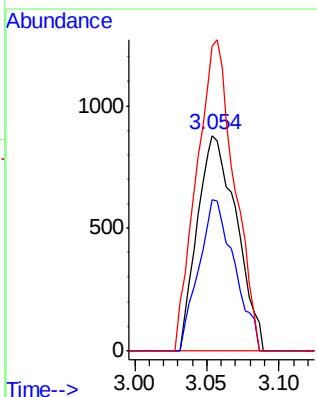
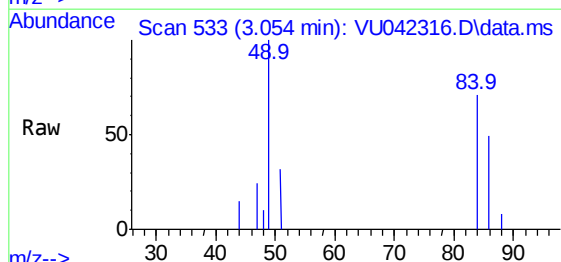
Instrument :
MSVOA_U
ClientSampleId :
BFTA4DL

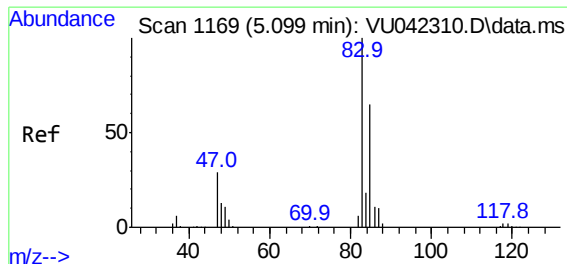
Tgt Ion:	101	Resp:	455
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	62.7	94.1#



#16
Methylene chloride
Concen: 0.21 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

Tgt Ion:	84	Resp:	1654
Ion	Ratio	Lower	Upper
84	100		
86	69.9	44.1	81.9
49	141.6	95.0	176.4

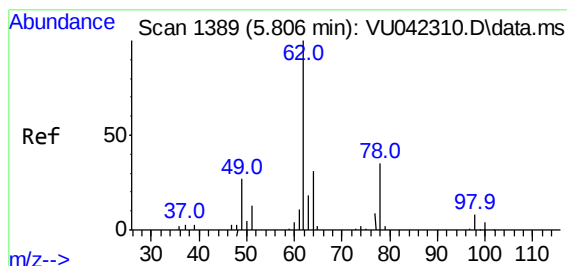
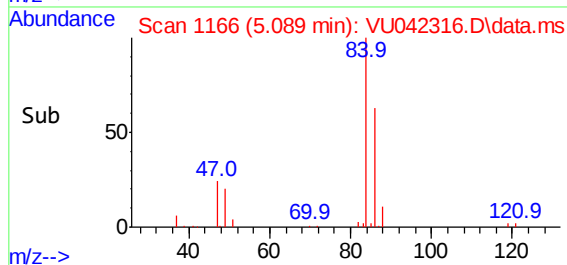
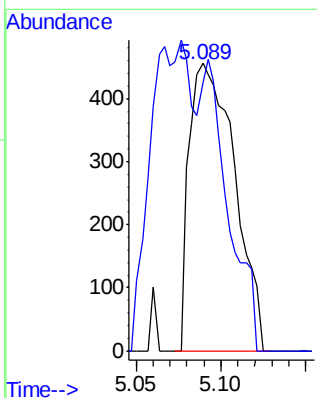
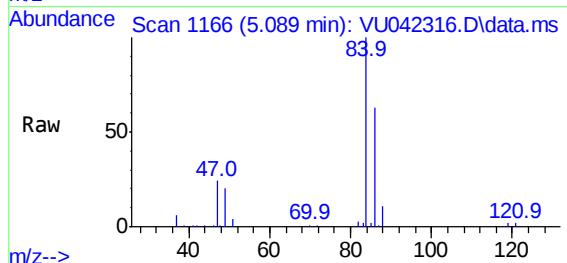




#25
Chloroform
Concen: 0.06 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.010 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

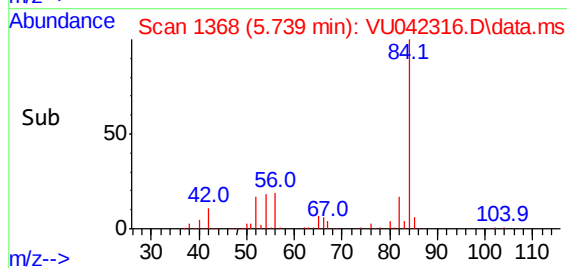
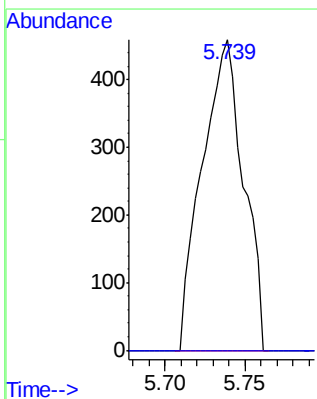
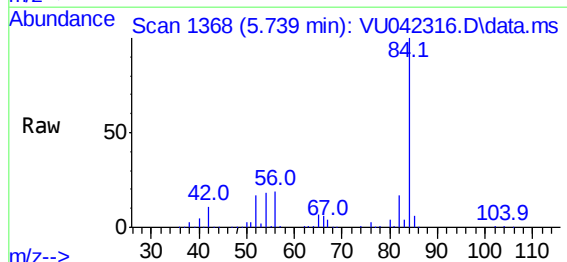
Instrument :
MSVOA_U
ClientSampleId :
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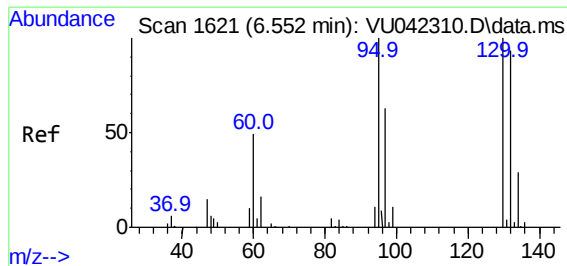
Tgt Ion: 83 Resp: 851
Ion Ratio Lower Upper
83 100
85 93.6 45.7 84.9#



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

Tgt Ion: 62 Resp: 809
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

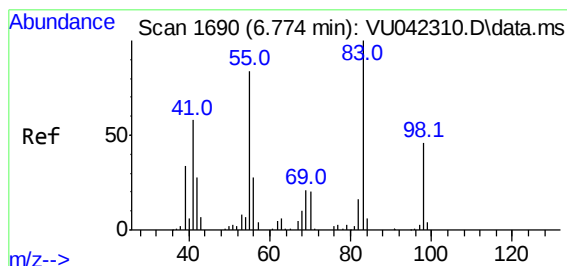
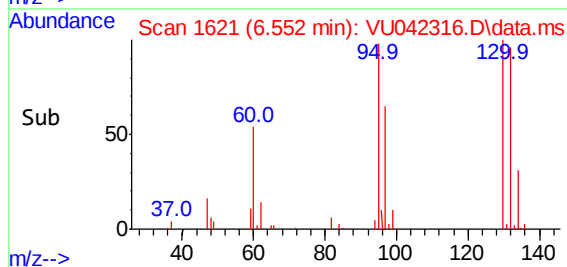
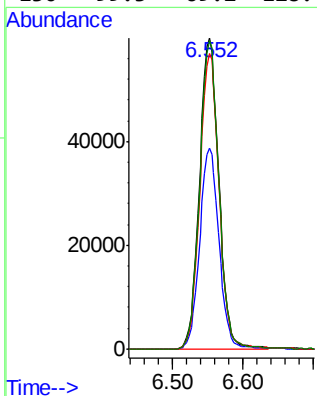
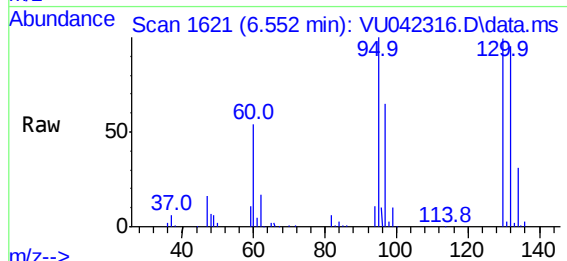




#34
Trichloroethene
Concen: 15.24 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

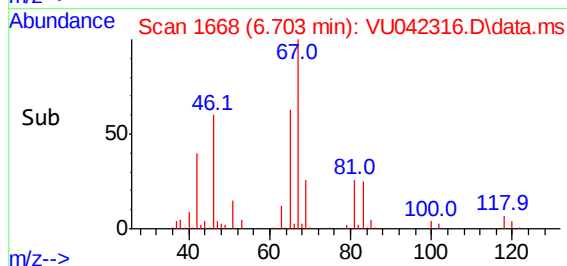
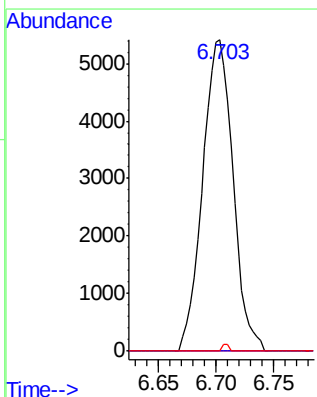
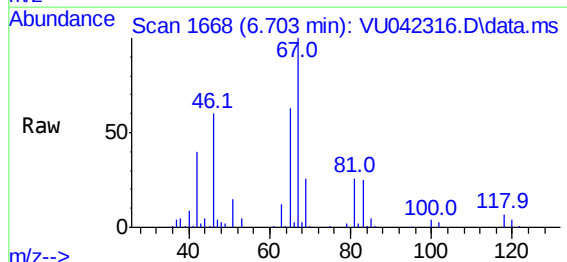
Instrument :
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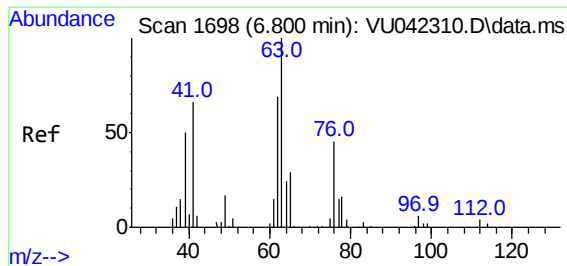
Tgt Ion: 95 Resp: 113408
Ion Ratio Lower Upper
95 100
97 64.5 44.4 82.4
132 95.0 68.0 126.4
130 99.3 69.2 128.4



#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

Tgt Ion: 83 Resp: 9825
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

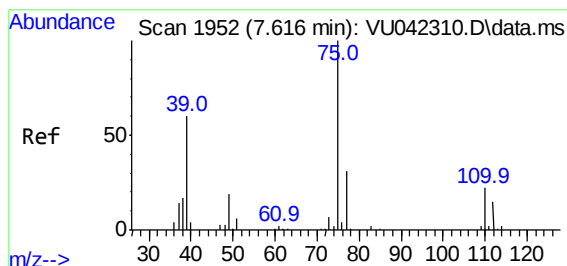
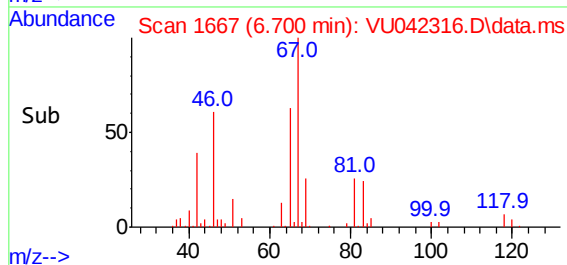
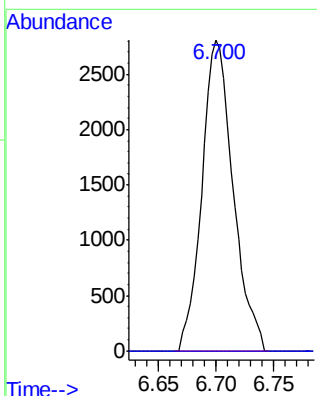
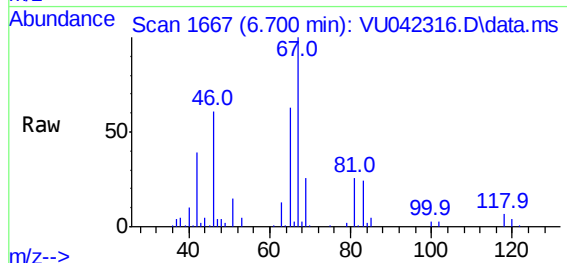




#37
1,2-Dichloropropane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

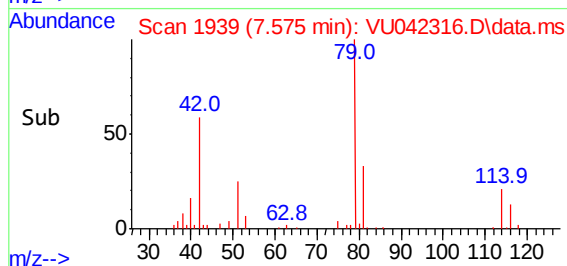
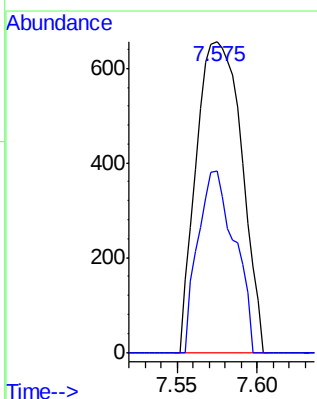
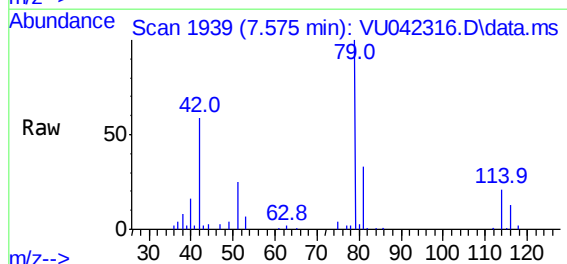
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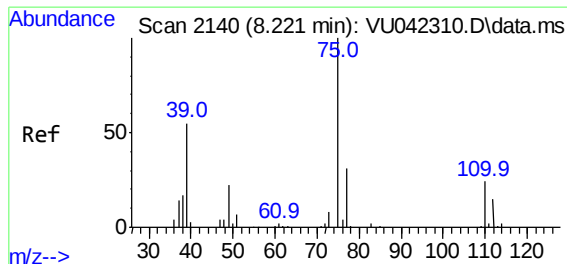
Tgt Ion: 63 Resp: 5252
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

Tgt Ion: 75 Resp: 1266
Ion Ratio Lower Upper
75 100
77 58.4 22.0 40.8#



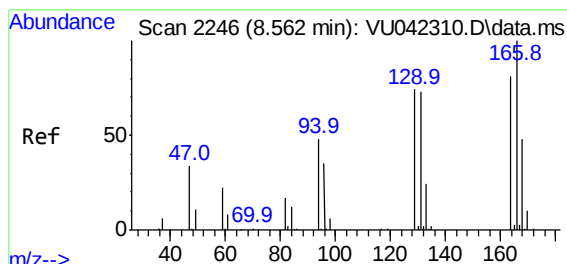
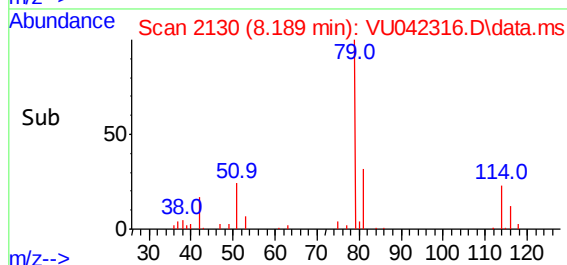
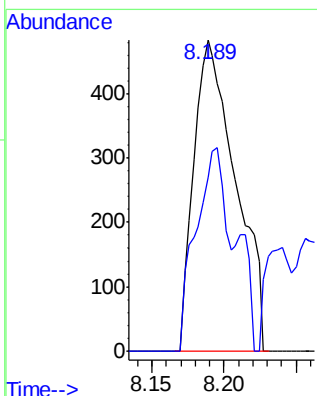
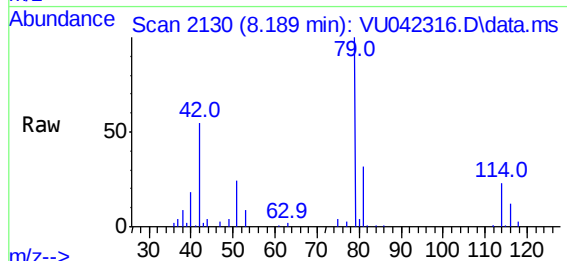


#44

trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

Instrument :
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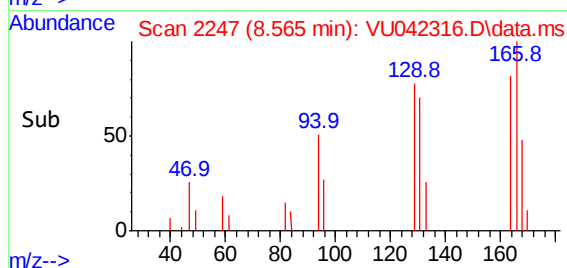
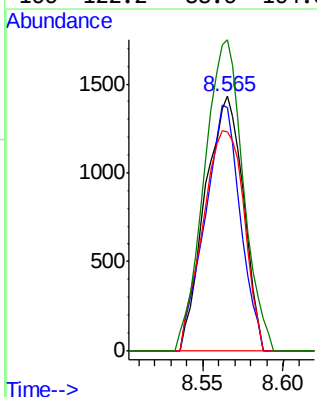
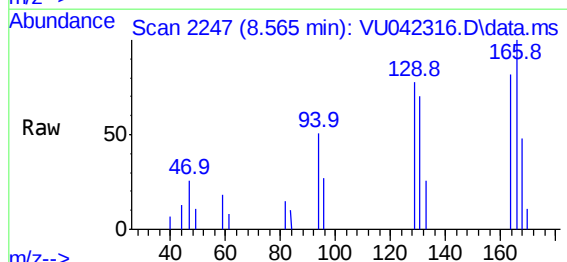
Tgt Ion: 75 Resp: 971
Ion Ratio Lower Upper
75 100
77 56.1 21.8 40.4#

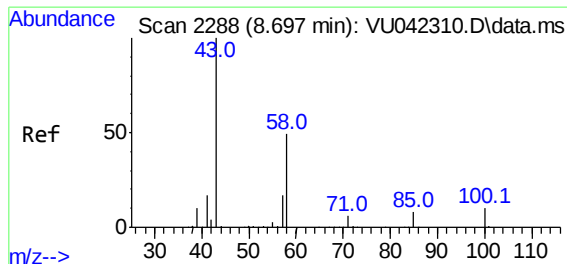


#47

Tetrachloroethene
Concen: 0.37 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

Tgt Ion:164 Resp: 2316
Ion Ratio Lower Upper
164 100
129 95.5 64.3 119.5
131 86.2 62.2 115.6
166 122.2 88.6 164.6

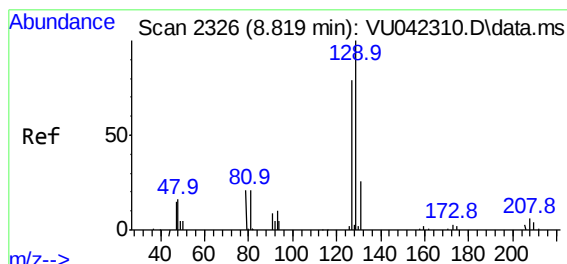
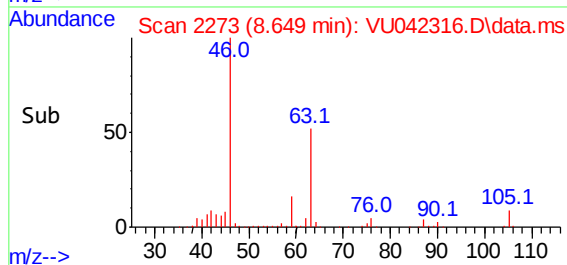
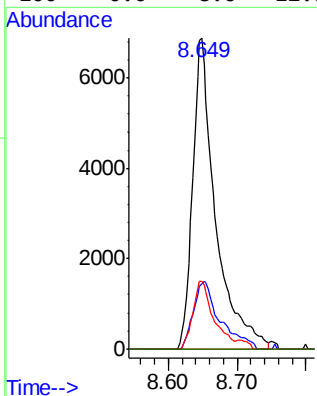
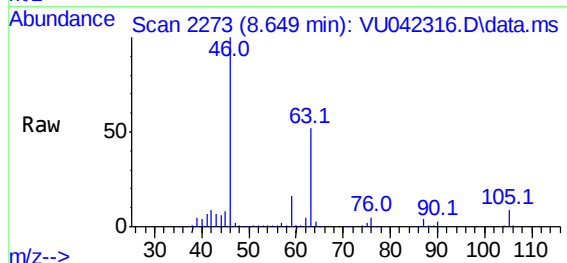




#48
2-Hexanone
Concen: 3.67 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

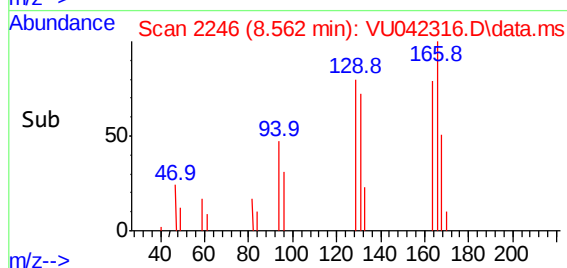
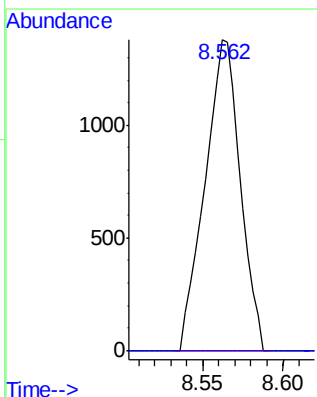
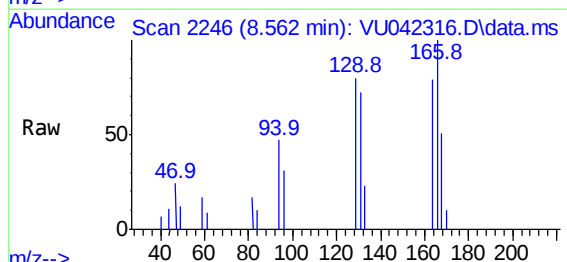
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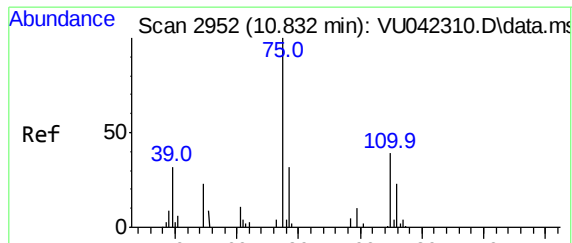
Tgt Ion:	43	Resp:	15849
Ion	Ratio	Lower	Upper
43	100		
58	25.2	40.6	61.0#
57	19.9	14.9	22.3
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 0.29 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042316.D
Acq: 12 Feb 2021 16:03

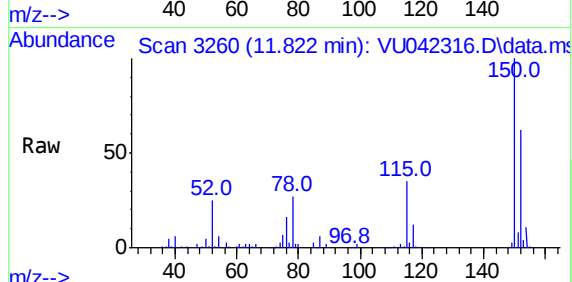
Tgt Ion:	129	Resp:	2060
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
 1,2,3-Trichloropropane
 Concen: 1.12 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042316.D
 Acq: 12 Feb 2021 16:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA4DL



Tgt Ion: 75 Resp: 5760
 Ion Ratio Lower Upper
 75 100
 77 40.9 26.0 39.0#

