

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043314.D
 Acq On : 24 Apr 2021 00:45
 Operator : SY/MD
 Sample : M2124-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 08:37:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 07:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	98937	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	101827	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46850	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23073	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.919	69	21732	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.575	65	14992	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	4.649	46	127512	57.79	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.58%
24) Chloroform-d	5.073	84	66370	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.713	65	42046	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.739	84	115254	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.700	67	38223	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	96246	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloroprop...	8.186	79	14018	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.642	63	75598	43.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.30%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33422	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	39707	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

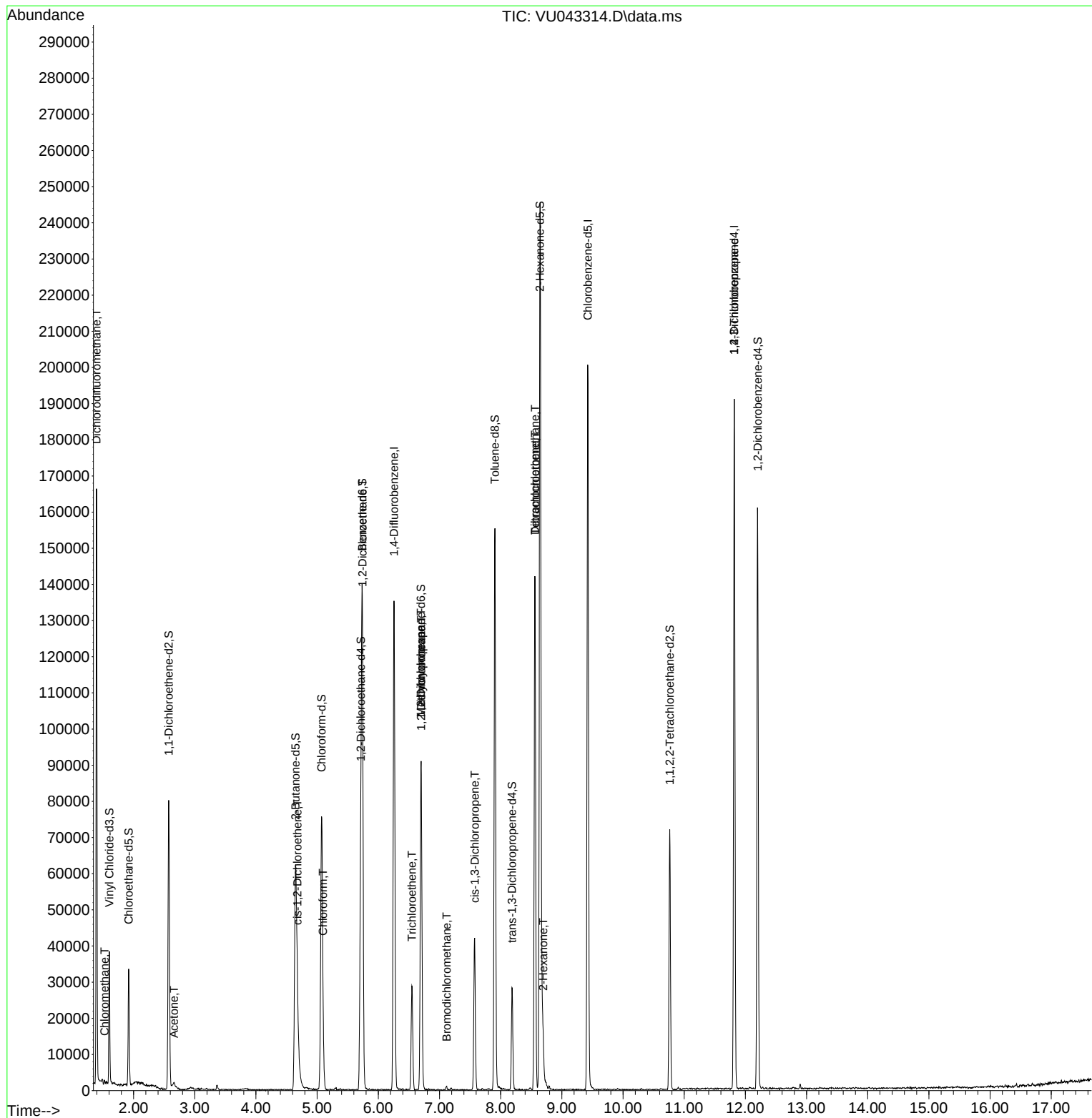
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1859	0.29	ug/L	97
3) Chloromethane	1.527	50	752	0.12	ug/L	95
13) Acetone	2.662	43	3685	2.27	ug/L	88
22) cis-1,2-Dichloroethene	4.678	96	1467	0.21	ug/L	76
25) Chloroform	5.096	83	6924	0.51	ug/L	99
27) 1,2-Dichloroethane	5.742	62	872	0.09	ug/L	# 74
34) Trichloroethene	6.549	95	8853	1.18	ug/L	98
35) Methylcyclohexane	6.700	83	8897	0.86	ug/L	# 19
37) 1,2-Dichloropropane	6.703	63	4487	0.59	ug/L	# 87
38) Bromodichloromethane	7.118	83	888	0.09	ug/L	# 74
39) cis-1,3-Dichloropropene	7.578	75	1157	0.10	ug/L	100
47) Tetrachloroethene	8.562	164	29323	4.93	ug/L	94
48) 2-Hexanone	8.697	43	6200	1.23	ug/L	# 70
49) Dibromochloromethane	8.562	129	27205	3.76	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	5917	1.22	ug/L	# 65

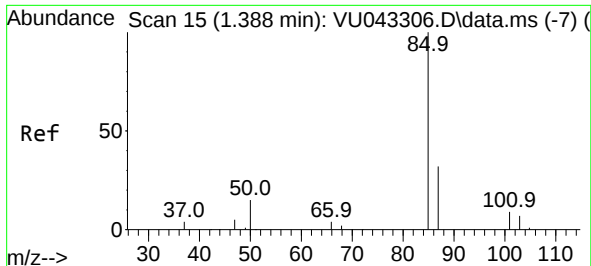
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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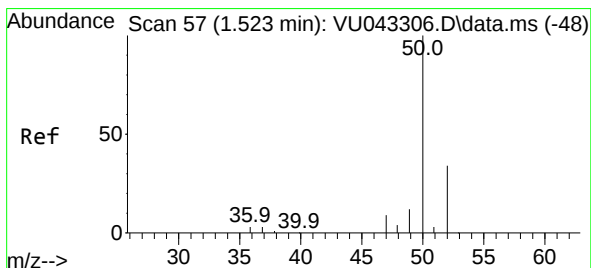
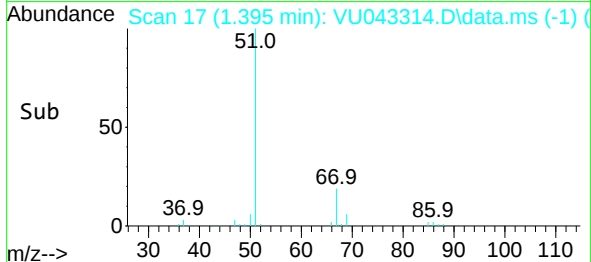
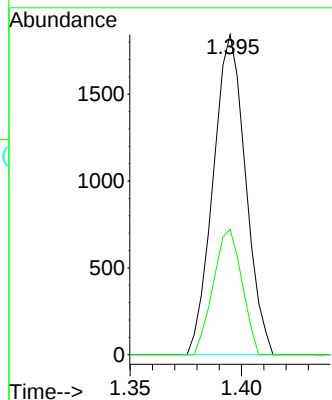
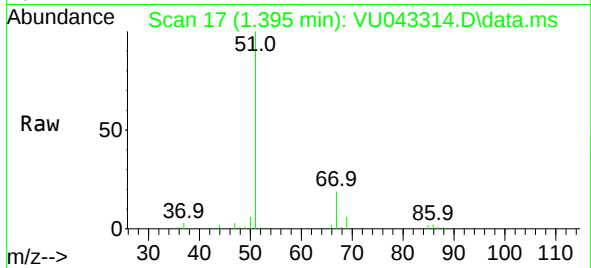




#2
Dichlorodifluoromethane
Concen: 0.29 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

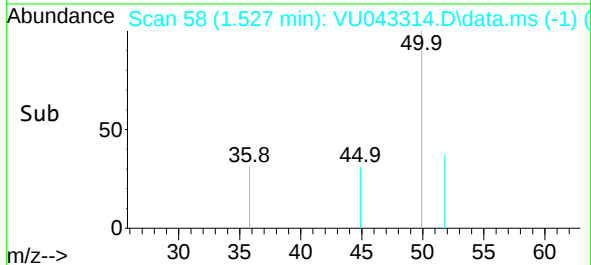
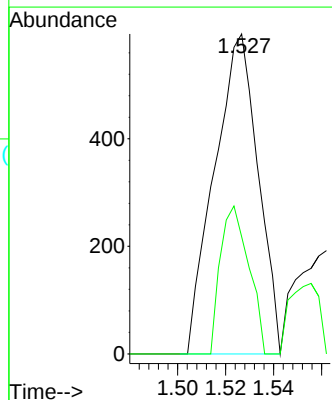
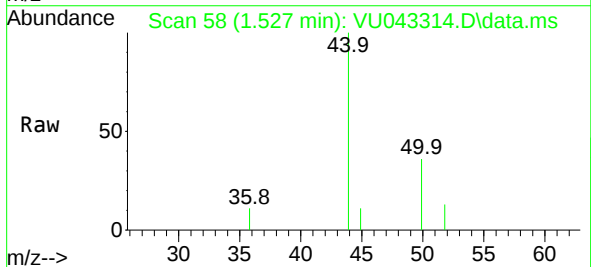
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MSVOA_U
ClientSampled :

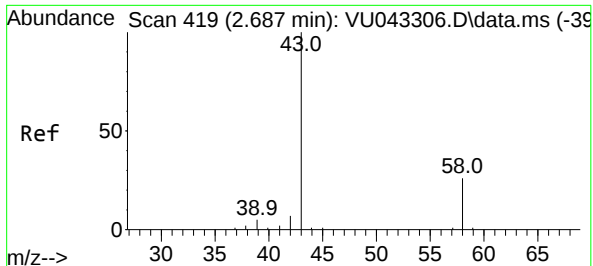
Tgt Ion: 85 Resp: 1859
Ion Ratio Lower Upper
85 100
87 34.6 26.3 39.5



#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

Tgt Ion: 50 Resp: 752
Ion Ratio Lower Upper
50 100
52 36.6 23.6 43.8

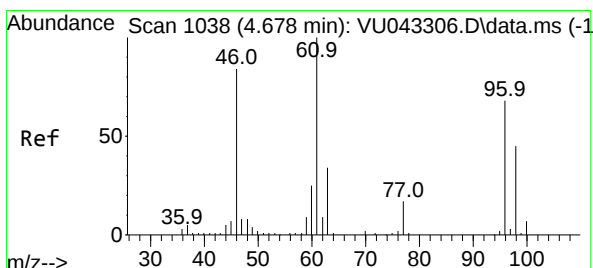
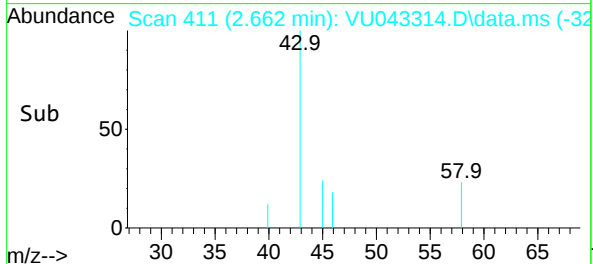
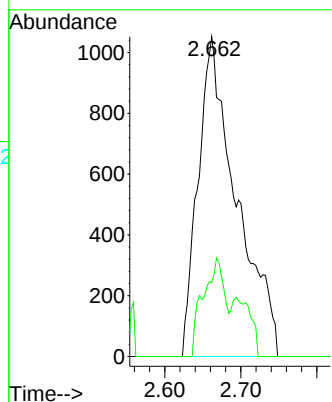
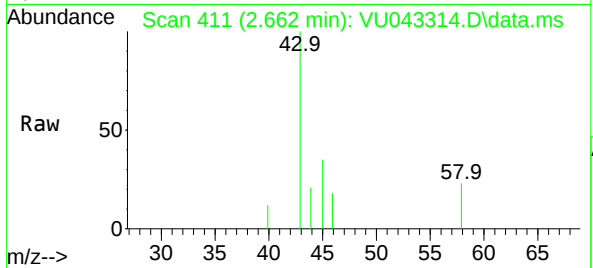




#13
Acetone
Concen: 2.27 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.026 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

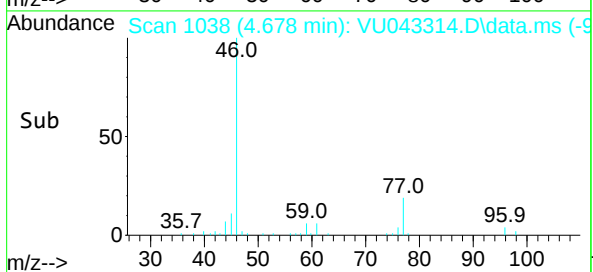
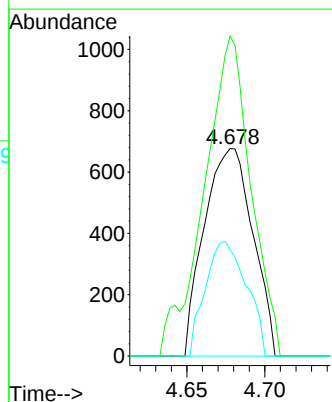
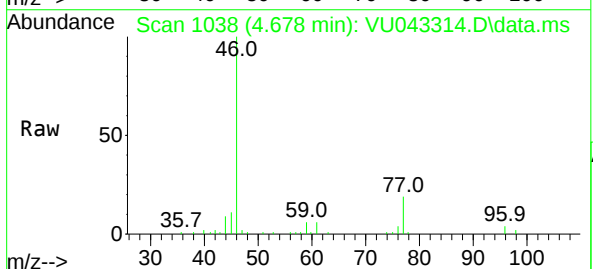
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MSVOA_U
ClientSampled :

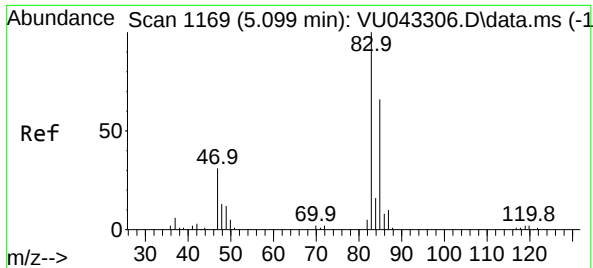
Tgt Ion: 43 Resp: 3685
Ion Ratio Lower Upper
43 100
58 17.2 0.0 25.0



#22
cis-1,2-Dichloroethene
Concen: 0.21 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

Tgt Ion: 96 Resp: 1467
Ion Ratio Lower Upper
96 100
61 154.2 87.4 162.4
98 51.3 47.7 88.5





#25

Chloroform

Concen: 0.51 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU043314.D

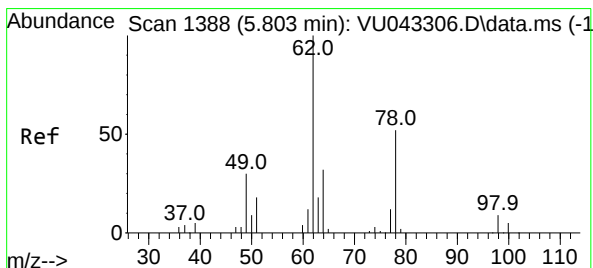
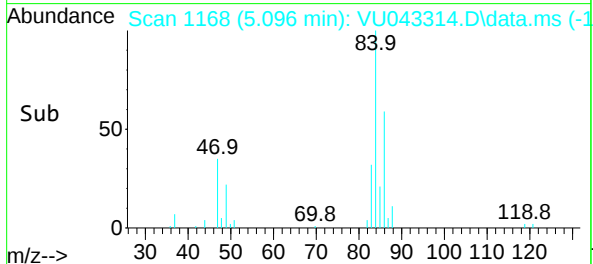
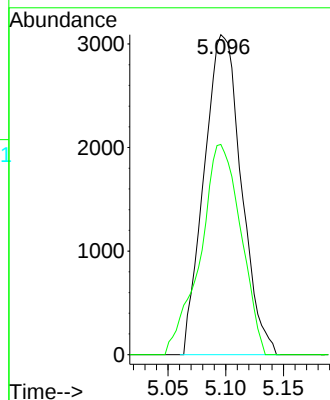
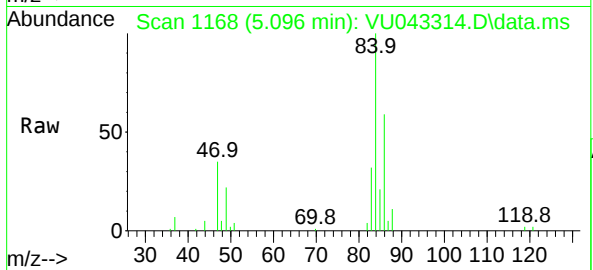
Acq: 24 Apr 2021 00:45

Tgt Ion: 83 Resp: 6924

Ion Ratio Lower Upper

83 100

85 65.7 45.6 84.8



#27

1,2-Dichloroethane

Concen: 0.09 ug/L

RT: 5.742 min Scan# 1369

Delta R.T. -0.061 min

Lab File: VU043314.D

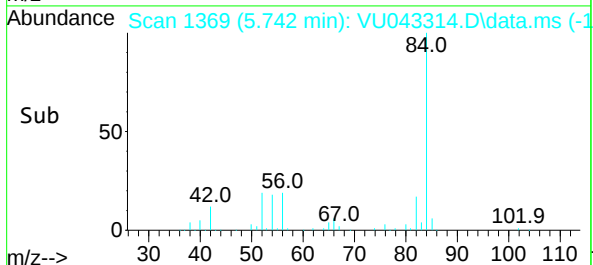
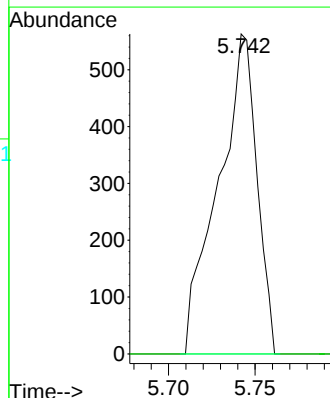
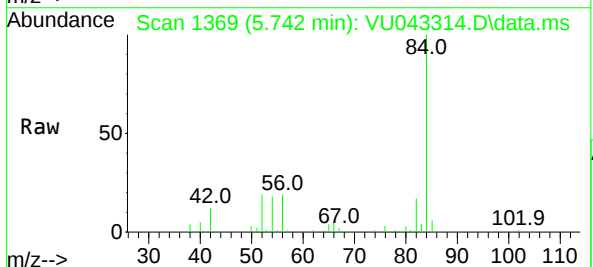
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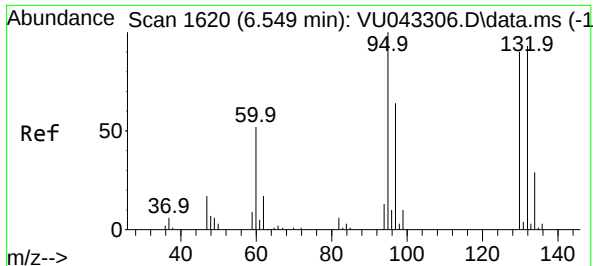
Tgt Ion: 62 Resp: 872

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#

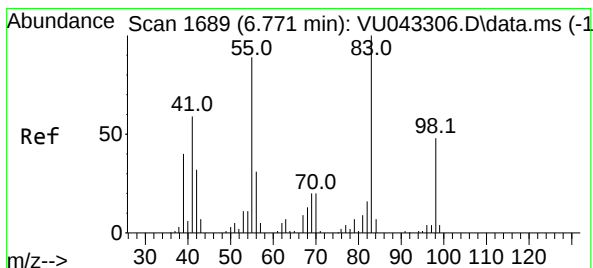
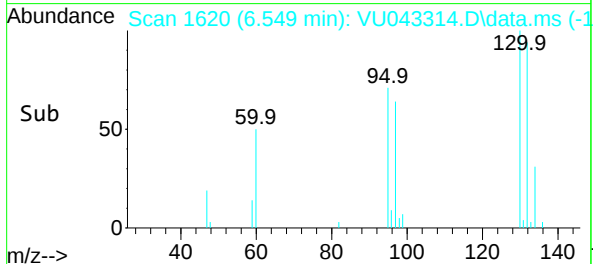
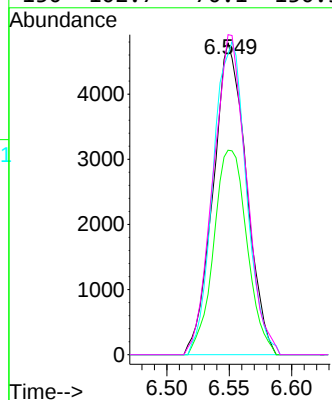
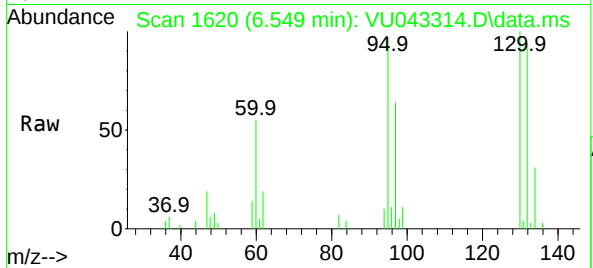




#34
Trichloroethene
Concen: 1.18 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

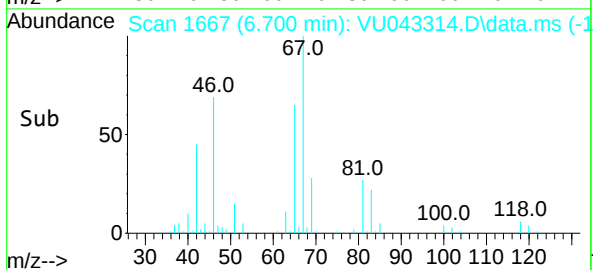
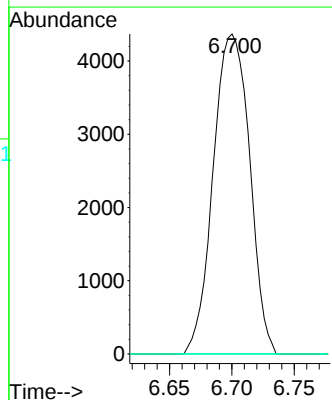
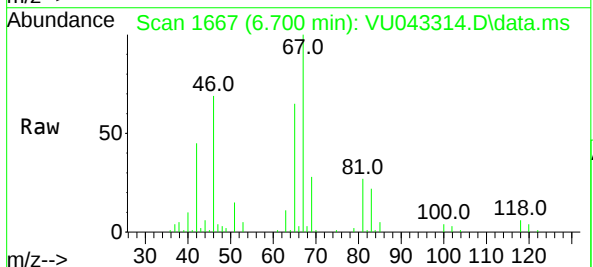
Instrument :
MSVOA_U
ClientSampled :

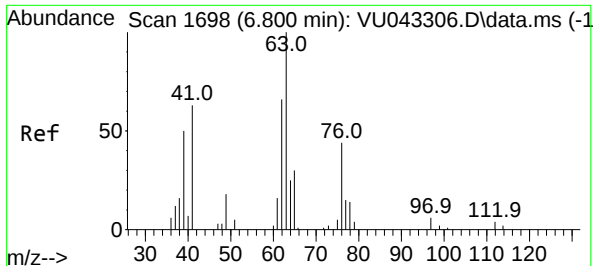
Tgt Ion: 95 Resp: 8853
Ion Ratio Lower Upper
95 100
97 65.6 45.8 85.2
132 96.4 68.7 127.7
130 102.7 70.1 130.3



#35
Methylcyclohexane
Concen: 0.86 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

Tgt Ion: 83 Resp: 8897
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#



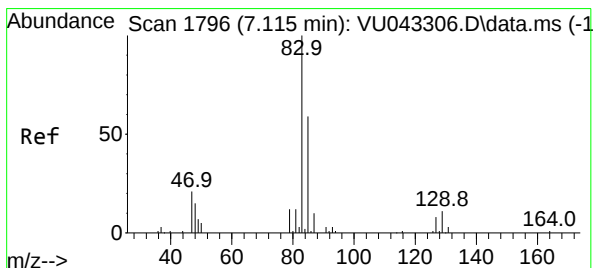
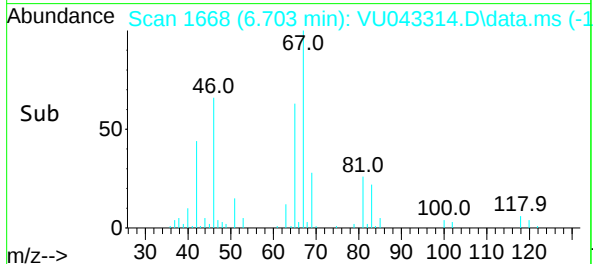
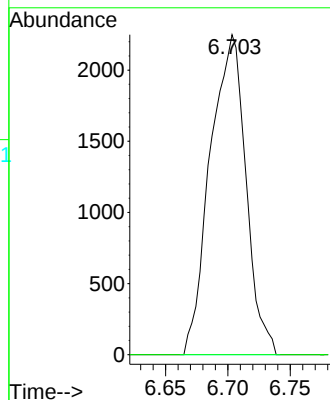
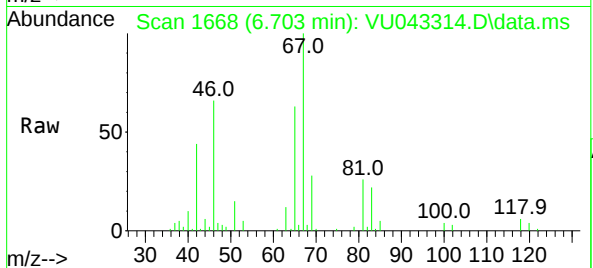


#37

1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

Instrument :
MSVOA_U
ClientSampleId :

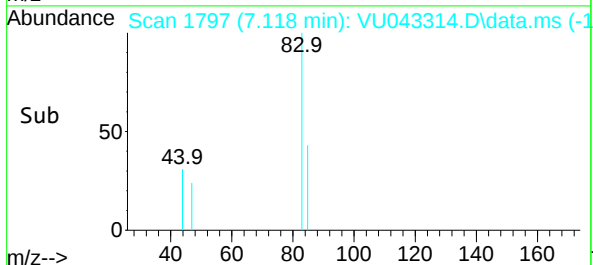
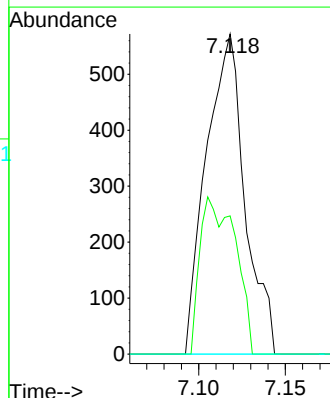
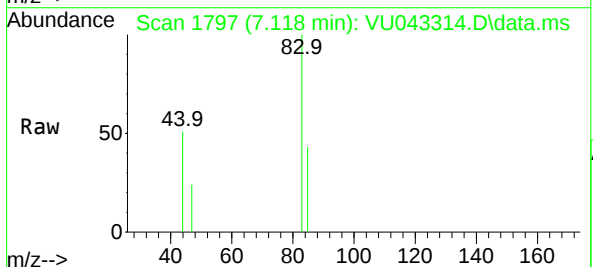
Tgt Ion: 63 Resp: 4487
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

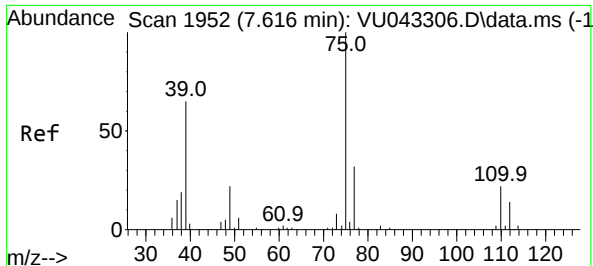


#38

Bromodichloromethane
Concen: 0.09 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

Tgt Ion: 83 Resp: 888
Ion Ratio Lower Upper
83 100
85 43.2 44.6 82.8#
127 0.0 7.4 11.2#



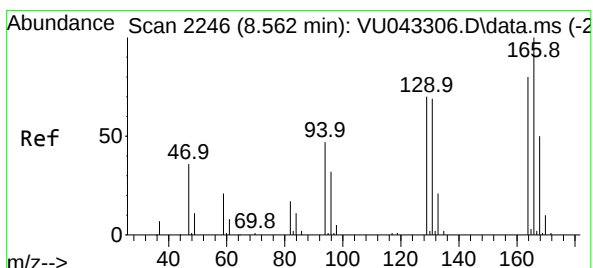
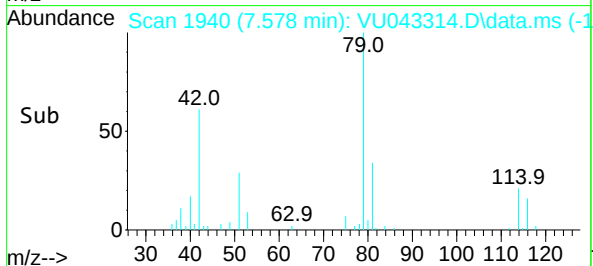
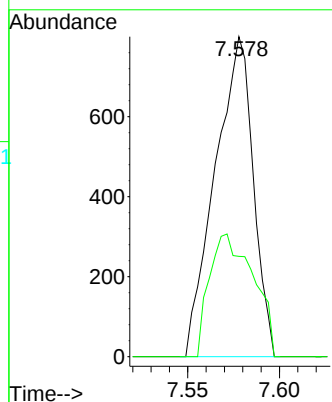
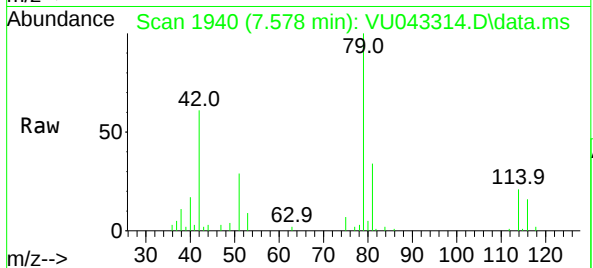


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

Instrument :
MSVOA_U
ClientSampleId :

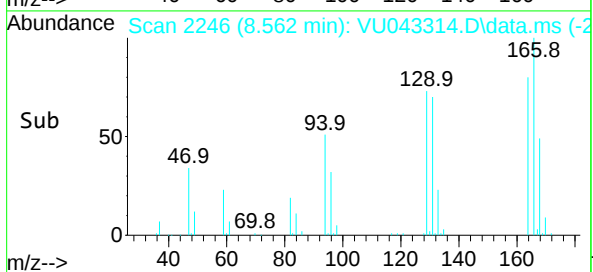
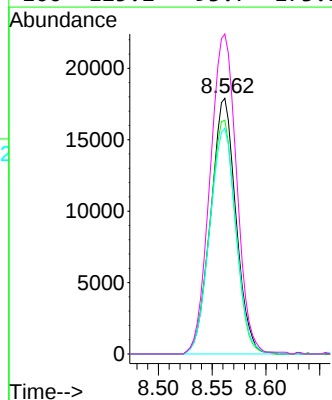
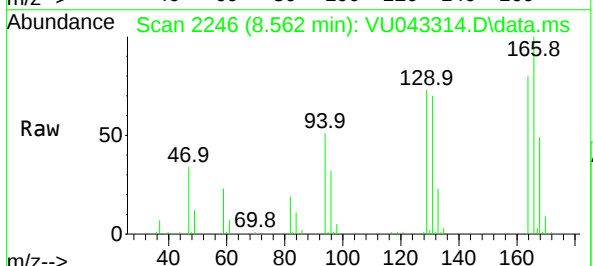
Tgt Ion: 75 Resp: 1157
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6

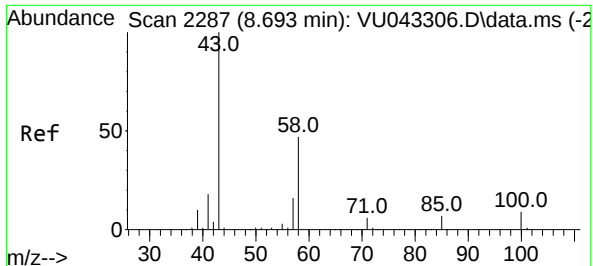


#47

Tetrachloroethene
Concen: 4.93 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

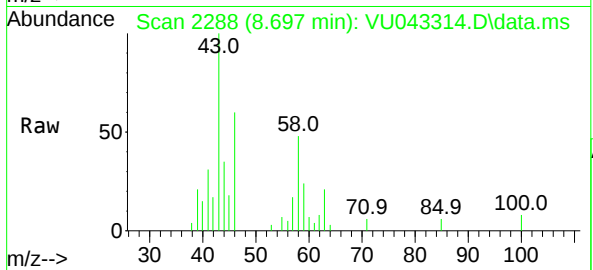
Tgt Ion: 164 Resp: 29323
Ion Ratio Lower Upper
164 100
129 91.4 66.6 123.8
131 88.2 65.9 122.3
166 125.2 93.7 173.9



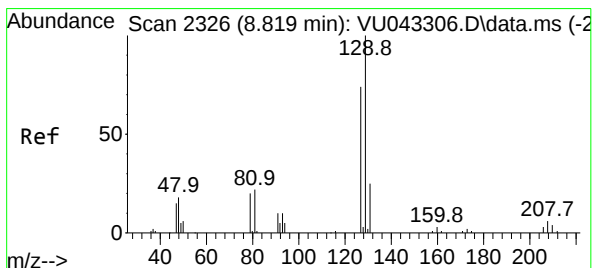
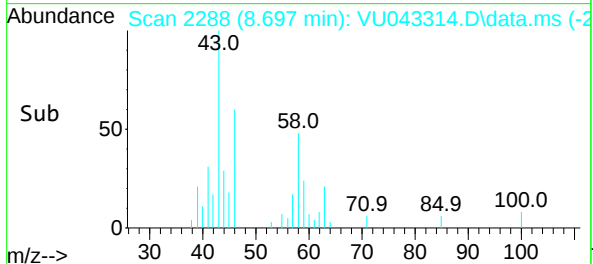
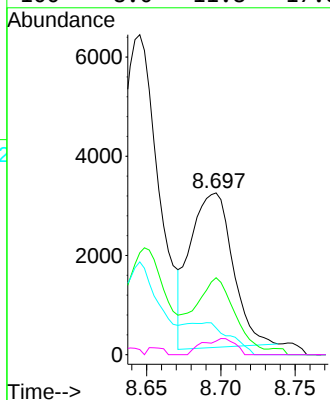


#48
2-Hexanone
Concen: 1.23 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

Instrument :
MSVOA_U
ClientSampleId :

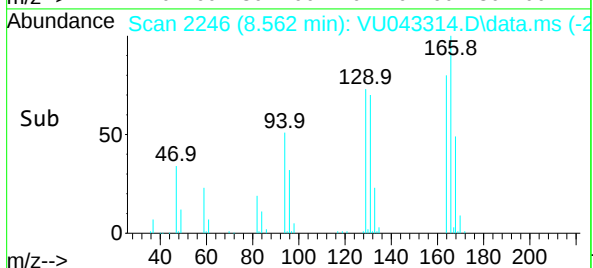
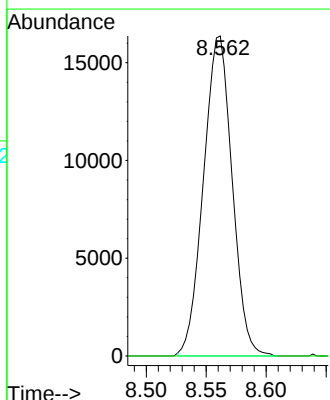
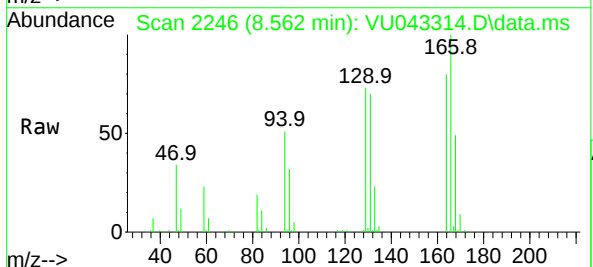


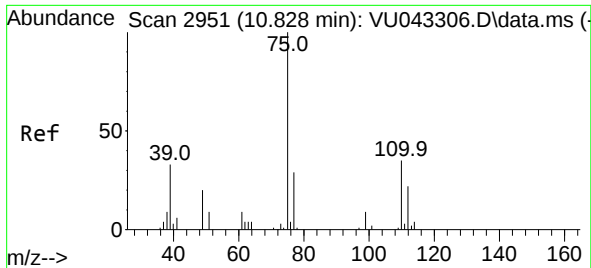
Tgt Ion:	43	Resp:	6200
Ion	Ratio	Lower	Upper
43	100		
58	41.1	50.0	75.0#
57	0.0	17.4	26.0#
100	8.0	11.8	17.8#



#49
Dibromochloromethane
Concen: 3.76 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043314.D
Acq: 24 Apr 2021 00:45

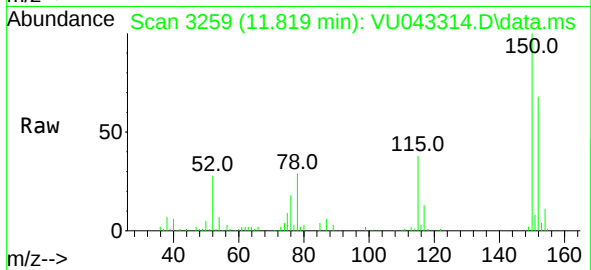
Tgt Ion:	129	Resp:	27205
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.22 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043314.D
 Acq: 24 Apr 2021 00:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5917
 Ion Ratio Lower Upper
 75 100
 110 2.5 31.5 47.3#
 77 35.4 26.3 39.5

