

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043146.D
 Acq On : 16 Apr 2021 01:46
 Operator : SY/MD
 Sample : M2055-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:17:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

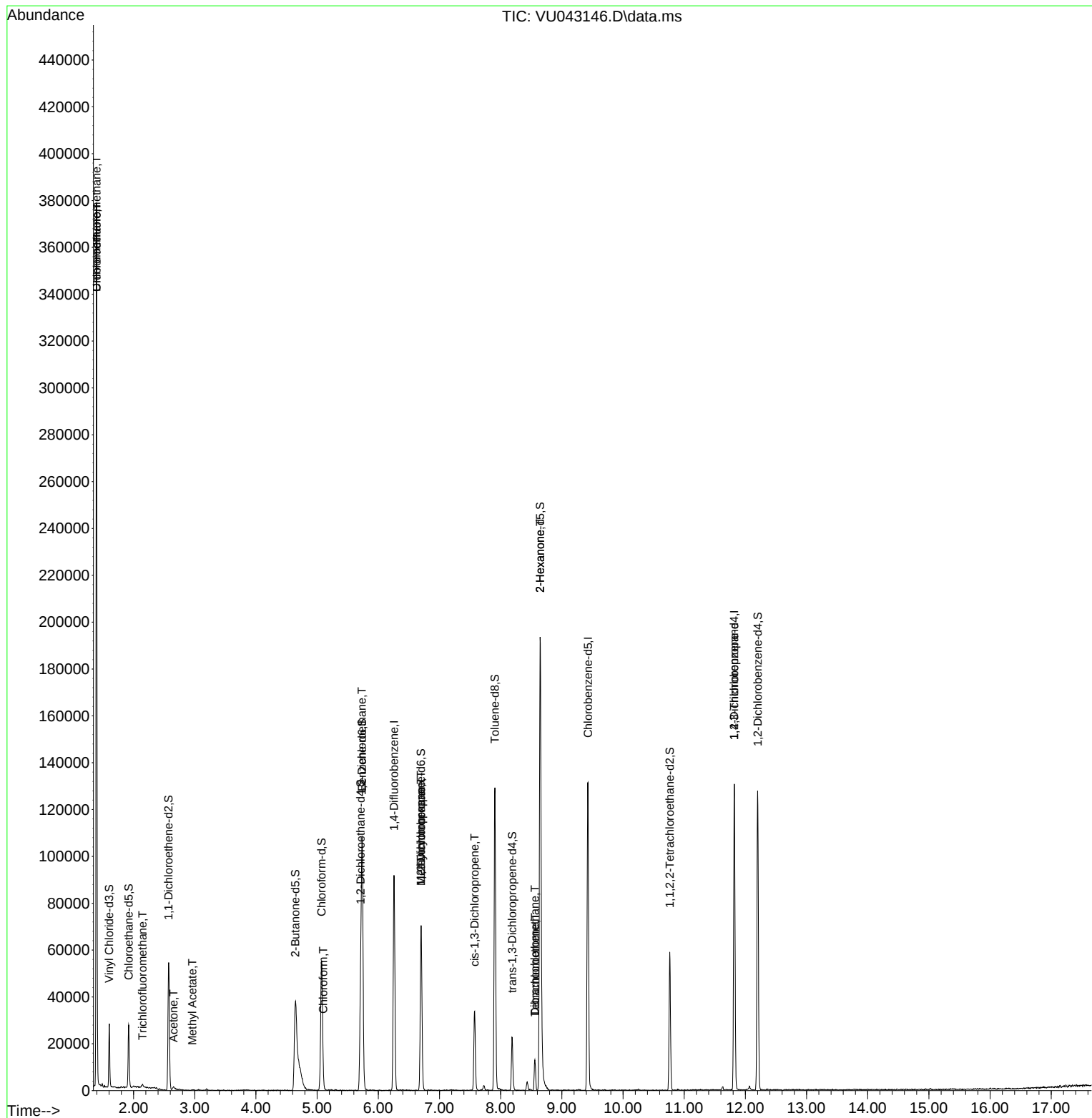
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	68616	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	67717	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	32804	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17797	5.10	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.00%	
7) Chloroethane-d5	1.919	69	17606	5.36	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.20%	
11) 1,1-Dichloroethene-d2	2.572	65	10219	5.06	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.20%	
20) 2-Butanone-d5	4.646	46	99348	64.92	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.84%	
24) Chloroform-d	5.073	84	49349	5.56	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.20%	
26) 1,2-Dichloroethane-d4	5.713	65	32503	5.42	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.40%	
32) Benzene-d6	5.736	84	89570	5.68	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.60%	
36) 1,2-Dichloropropane-d6	6.700	67	30459	5.82	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.40%	
41) Toluene-d8	7.906	98	79818	4.87	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.40%	
43) trans-1,3-Dichloroprop...	8.189	79	11461	4.96	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.20%	
46) 2-Hexanone-d5	8.645	63	68188	59.21	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.42%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26413	5.74	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.80%	
66) 1,2-Dichlorobenzene-d4	12.201	152	31156	5.54	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.80%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.395	85	4111	0.93	ug/L	92
3) Chloromethane	1.395	50	15281	3.53	ug/L	# 70
9) Trichlorofluoromethane	2.147	101	828	0.10	ug/L	# 82
13) Acetone	2.652	43	2244	2.00	ug/L	92
15) Methyl Acetate	2.961	43	233	0.11	ug/L	# 48
25) Chloroform	5.099	83	1283	0.14	ug/L	100
27) 1,2-Dichloroethane	5.732	62	586	0.08	ug/L	# 74
35) Methylcyclohexane	6.697	83	6977	1.01	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	3747	0.74	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	972	0.13	ug/L	86
47) Tetrachloroethene	8.562	164	2709	0.69	ug/L	88
48) 2-Hexanone	8.645	43	10890	3.25	ug/L	# 53
49) Dibromochloromethane	8.559	129	2397	0.50	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	3902	1.15	ug/L	# 57

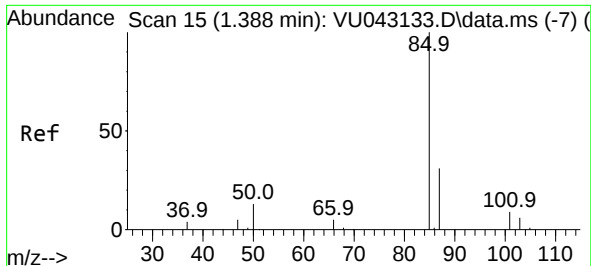
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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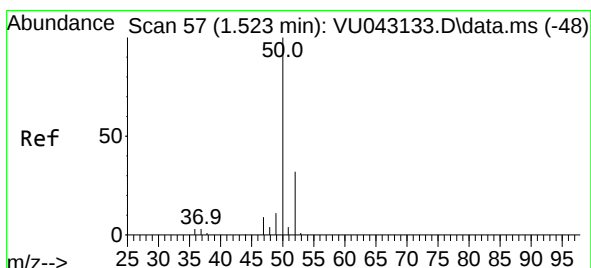
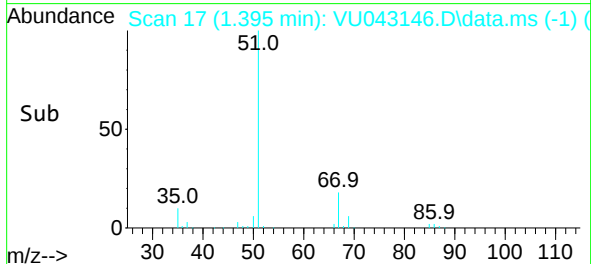
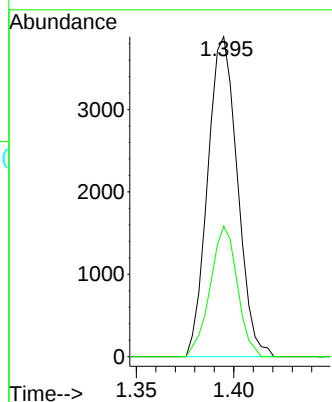
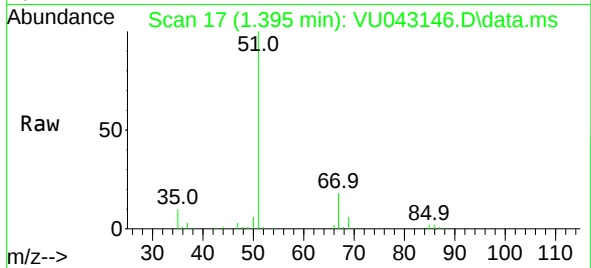




#2
Dichlorodifluoromethane
Concen: 0.93 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

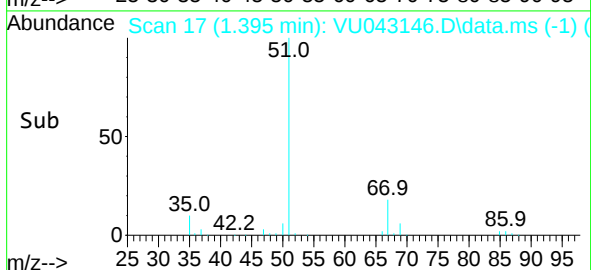
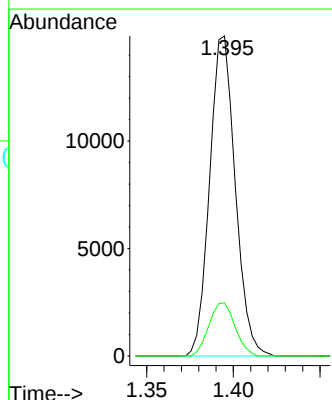
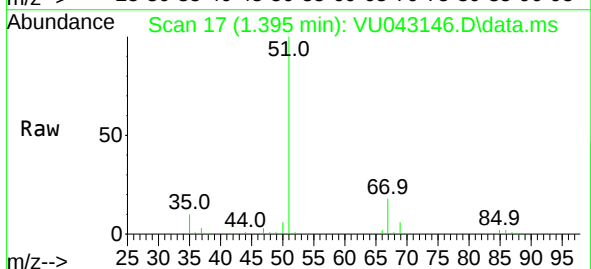
Instrument :
MSVOA_U
ClientSampled :

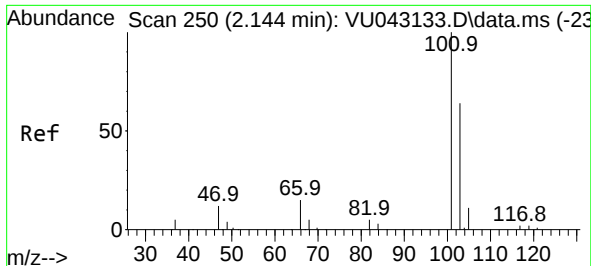
Tgt Ion: 85 Resp: 4111
Ion Ratio Lower Upper
85 100
87 37.1 26.3 39.5



#3
Chloromethane
Concen: 3.53 ug/L
RT: 1.395 min Scan# 17
Delta R.T. -0.128 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

Tgt Ion: 50 Resp: 15281
Ion Ratio Lower Upper
50 100
52 16.6 23.6 43.8#

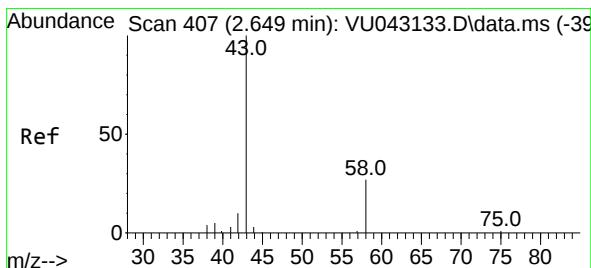
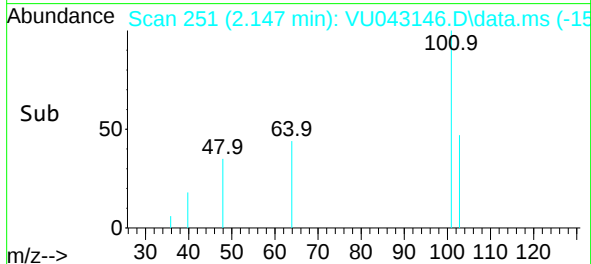
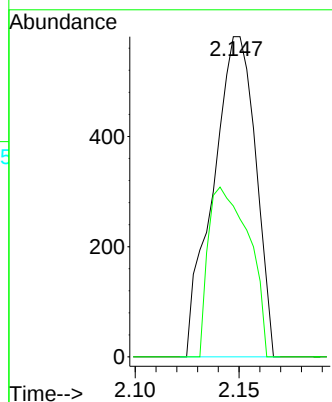
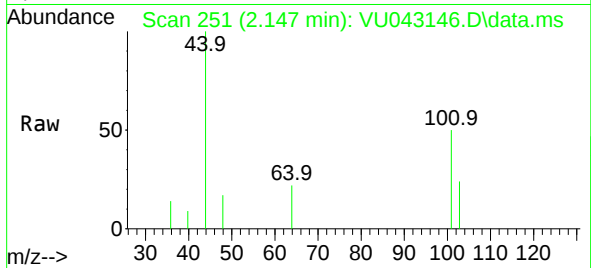




#9
Trichlorofluoromethane
Concen: 0.10 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

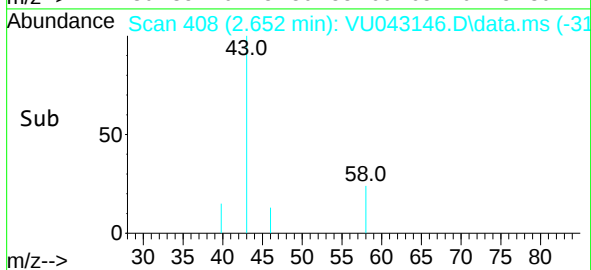
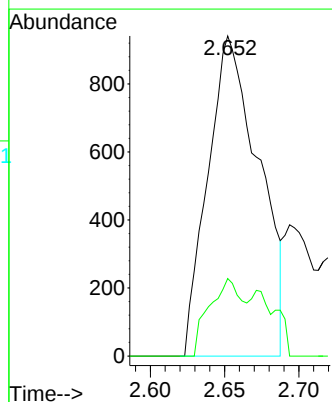
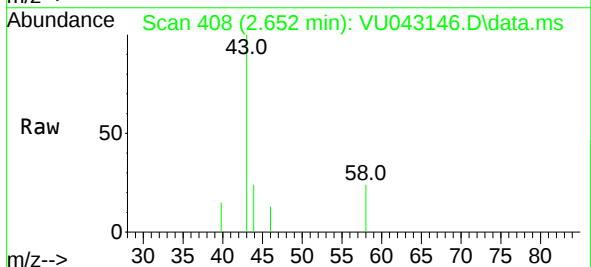
Instrument :
MSVOA_U
ClientSampled :

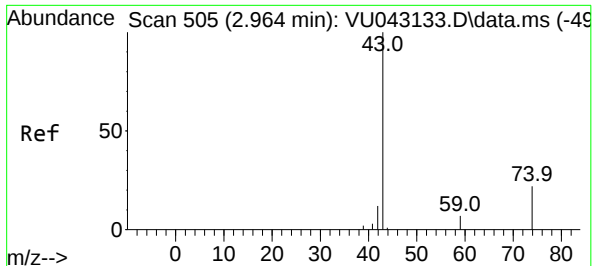
Tgt Ion:101 Resp: 828
Ion Ratio Lower Upper
101 100
103 50.5 51.5 77.3#



#13
Acetone
Concen: 2.00 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

Tgt Ion: 43 Resp: 2244
Ion Ratio Lower Upper
43 100
58 15.8 0.0 25.0

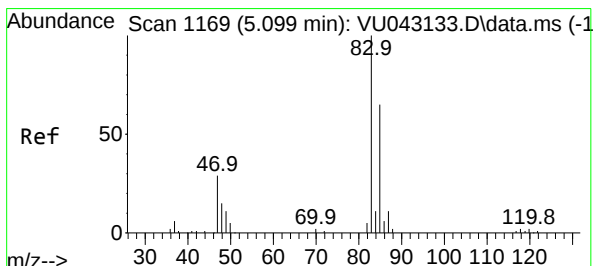
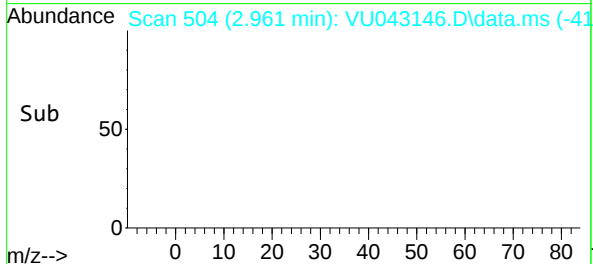
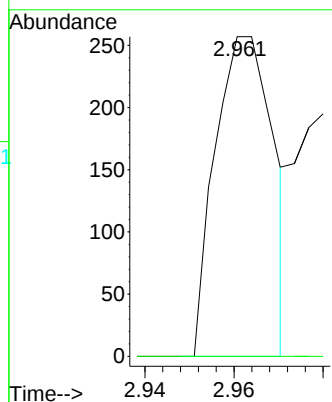
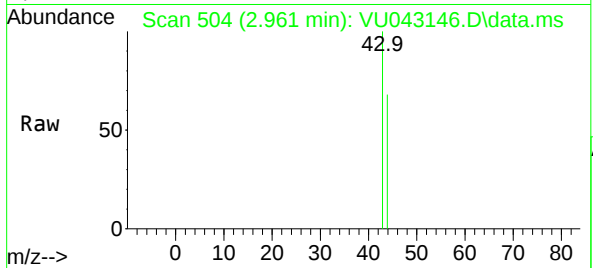




#15
Methyl Acetate
Concen: 0.11 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

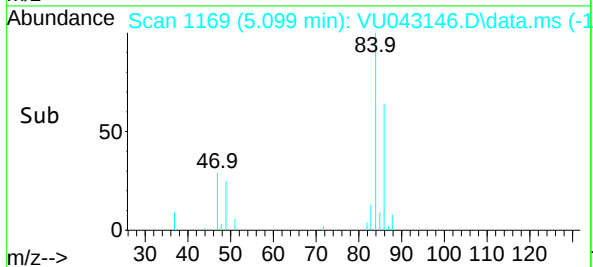
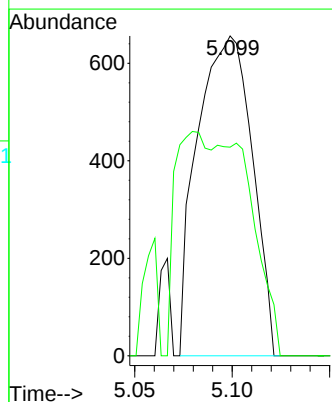
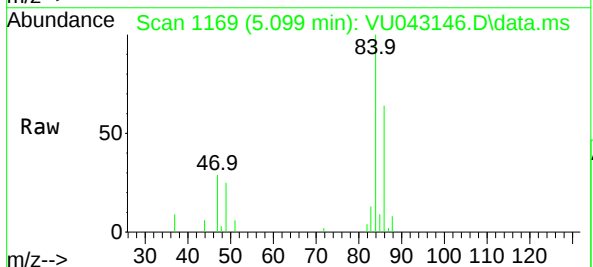
Instrument :
MSVOA_U
ClientSampled :

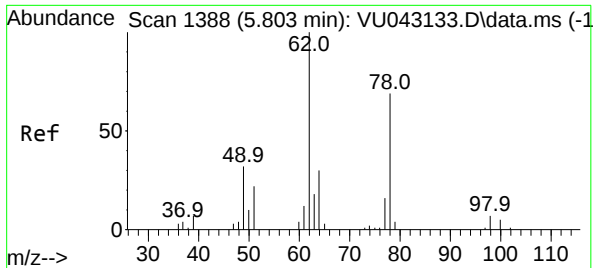
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



#25
Chloroform
Concen: 0.14 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

Tgt Ion: 83 Resp: 1283
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8





#27

1,2-Dichloroethane

Concen: 0.08 ug/L

RT: 5.732 min Scan# 1366

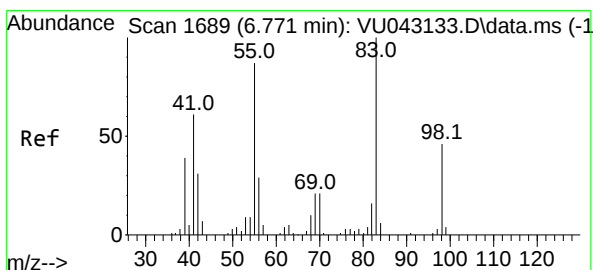
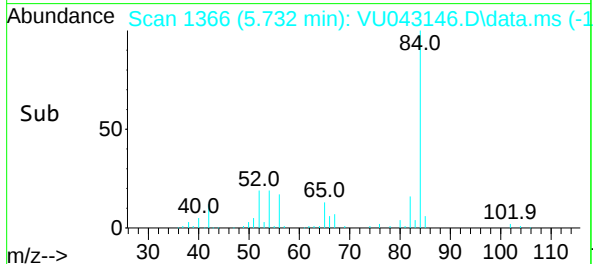
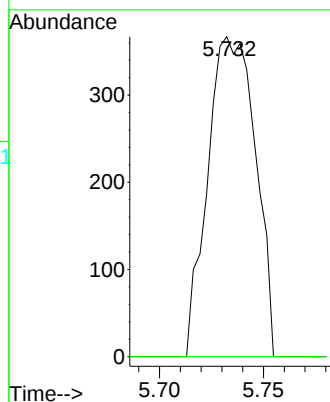
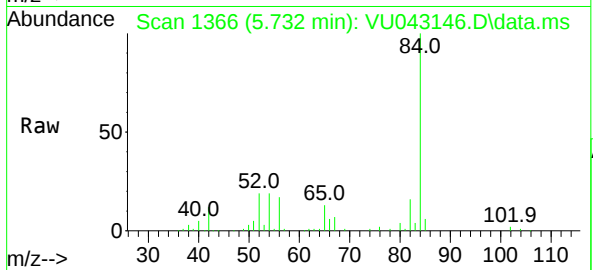
Delta R.T. -0.071 min

Lab File: VU043146.D

Acq: 16 Apr 2021 01:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 62 Resp: 586
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#35

Methylcyclohexane

Concen: 1.01 ug/L

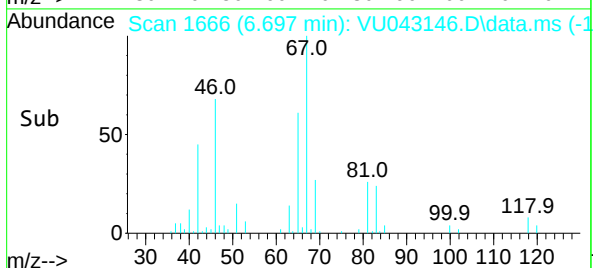
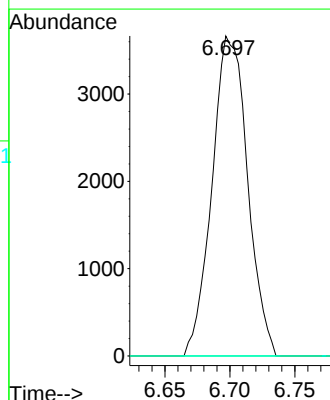
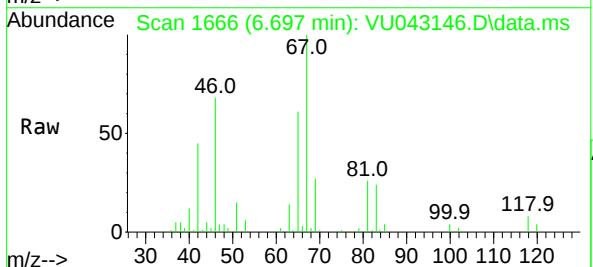
RT: 6.697 min Scan# 1666

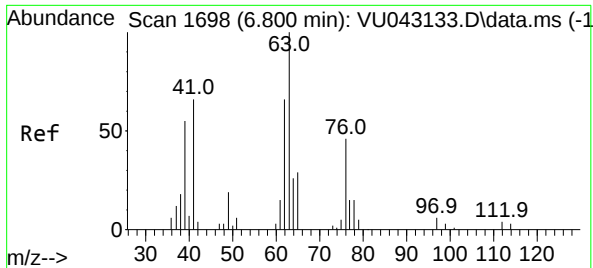
Delta R.T. -0.074 min

Lab File: VU043146.D

Acq: 16 Apr 2021 01:46

Tgt Ion: 83 Resp: 6977
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#

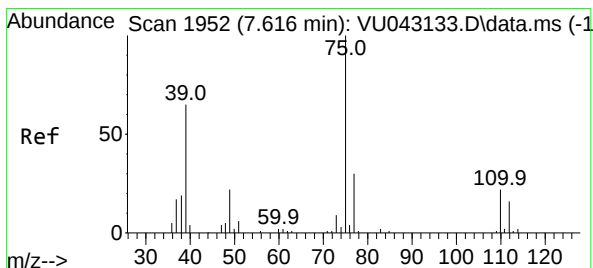
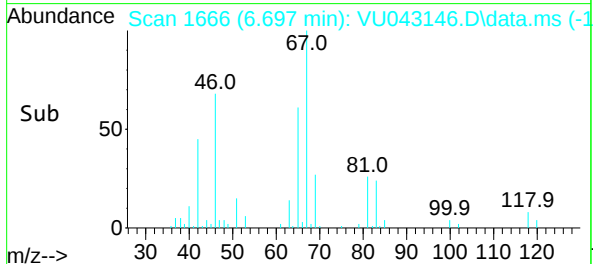
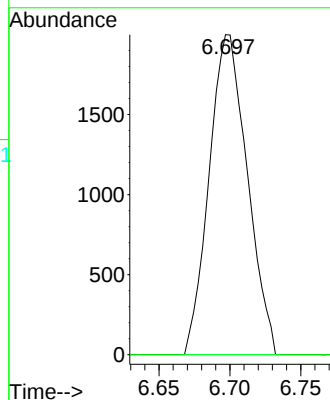
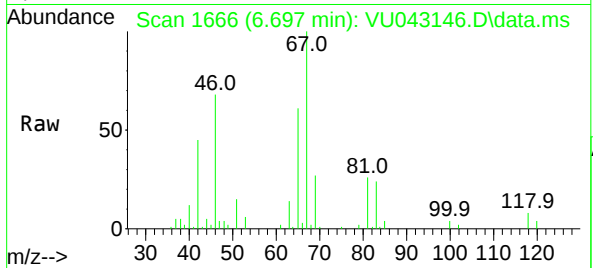




#37
1,2-Dichloropropane
Concen: 0.74 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

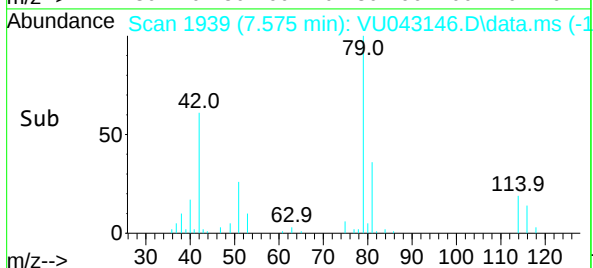
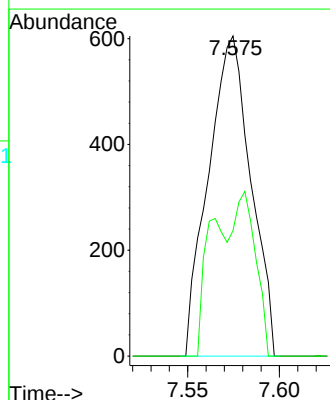
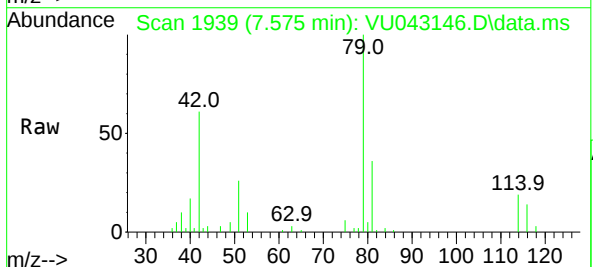
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MSVOA_U
ClientSampled :

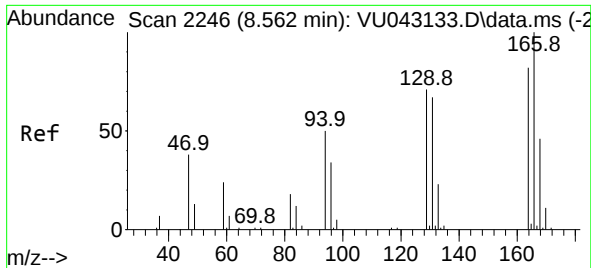
Tgt Ion: 63 Resp: 3747
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
77 39.2 21.8 40.6

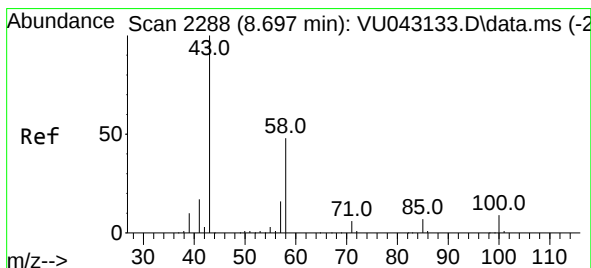
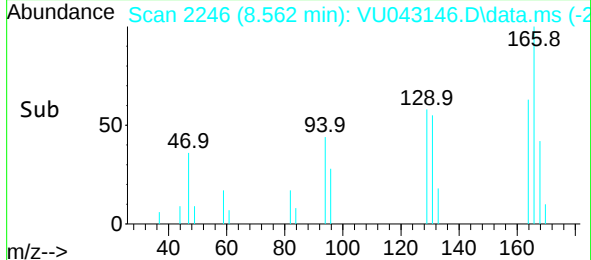
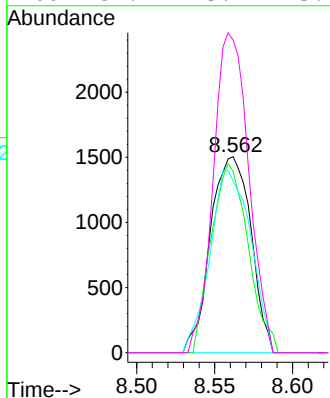
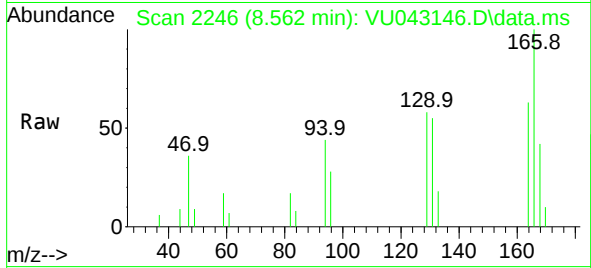




#47
Tetrachloroethene
Concen: 0.69 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

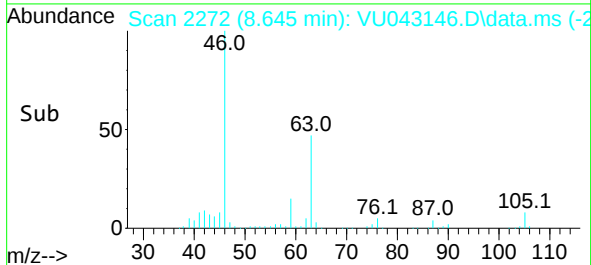
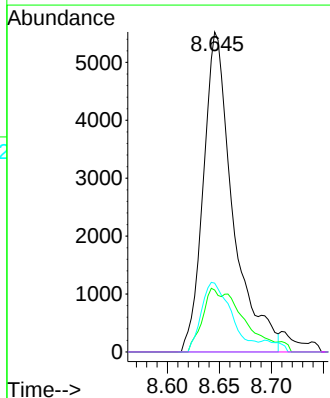
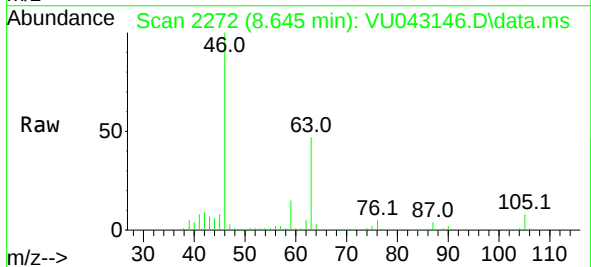
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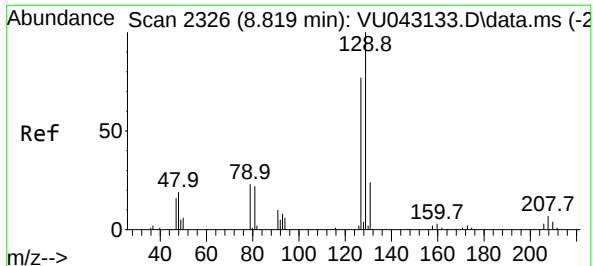
Tgt Ion:164 Resp: 2709
Ion Ratio Lower Upper
164 100
129 92.5 66.6 123.8
131 87.6 65.9 122.3
166 159.4 93.7 173.9



#48
2-Hexanone
Concen: 3.25 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU043146.D
Acq: 16 Apr 2021 01:46

Tgt Ion: 43 Resp: 10890
Ion Ratio Lower Upper
43 100
58 12.5 50.0 75.0#
57 22.4 17.4 26.0
100 0.0 11.8 17.8#





#49

Dibromochloromethane

Concen: 0.50 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043146.D

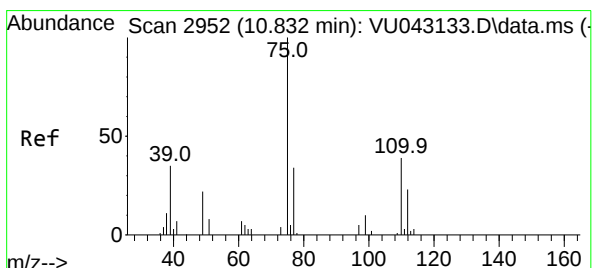
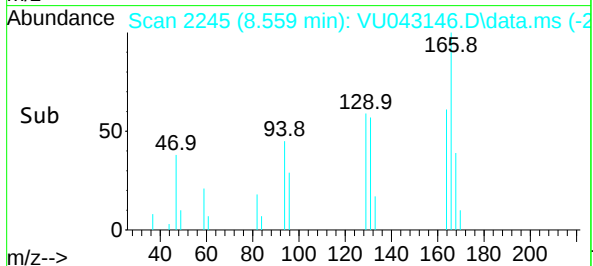
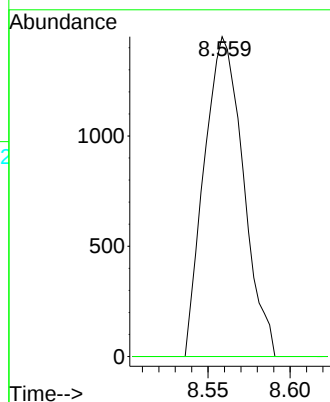
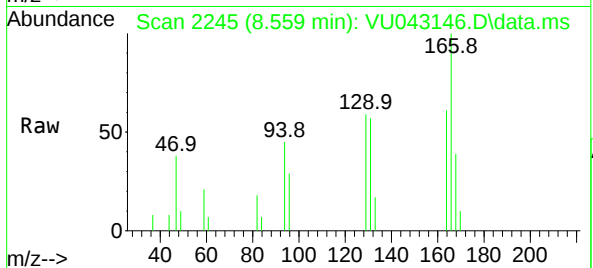
Acq: 16 Apr 2021 01:46

Tgt Ion:129 Resp: 2397

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.15 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043146.D

Acq: 16 Apr 2021 01:46

Tgt Ion: 75 Resp: 3902

Ion Ratio Lower Upper

75 100

110 0.0 31.5 47.3#

77 43.3 26.3 39.5#

