

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043153.D
 Acq On : 16 Apr 2021 04:34
 Operator : SY/MD
 Sample : M2055-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:18:58 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

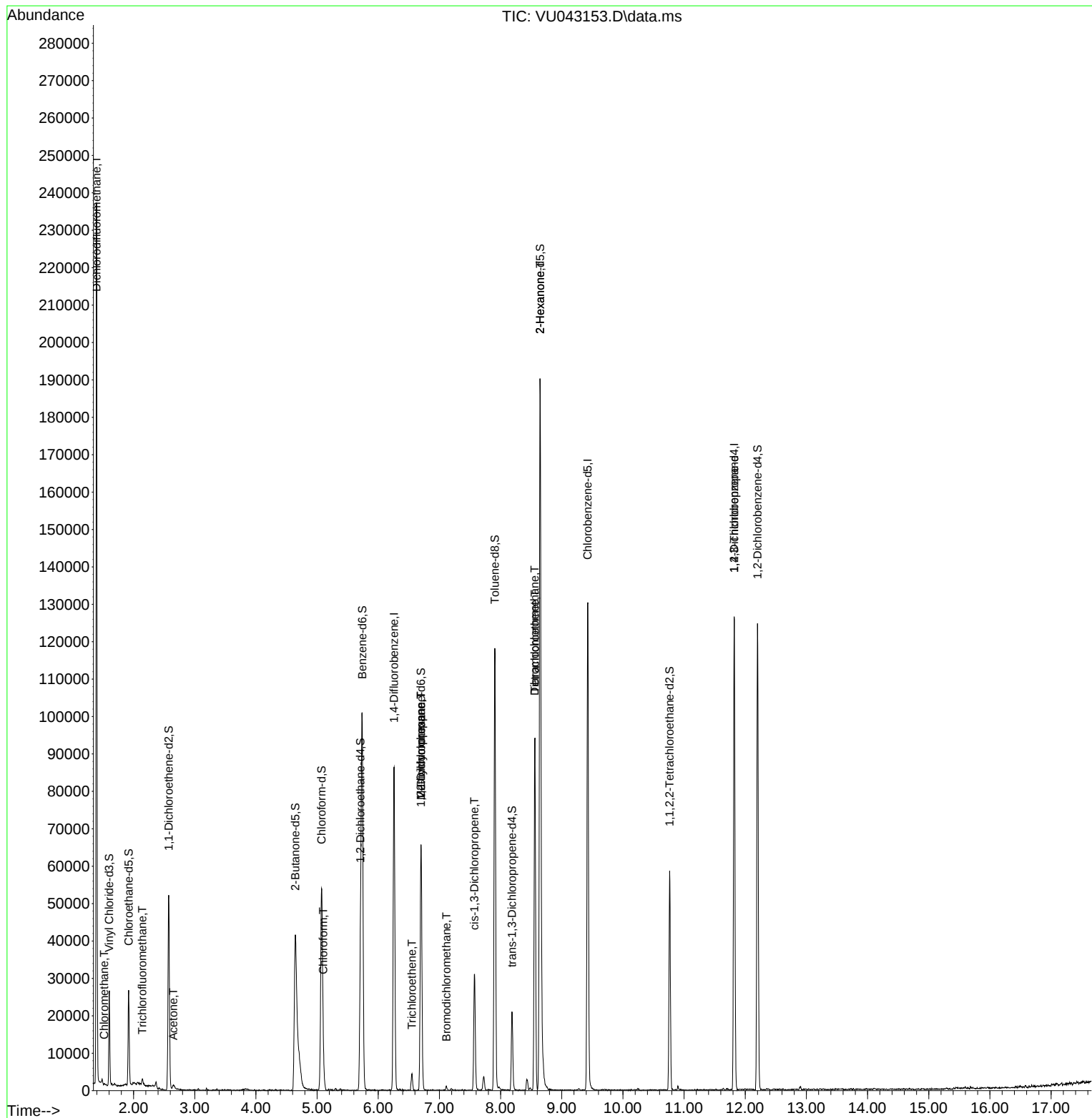
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	64399	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	66350	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	30761	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	15783	4.82	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.40%	
7) Chloroethane-d5	1.919	69	16854	5.46	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.20%	
11) 1,1-Dichloroethene-d2	2.575	65	9962	5.26	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.20%	
20) 2-Butanone-d5	4.645	46	94516	65.80	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.60%#	
24) Chloroform-d	5.073	84	44948	5.40	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.00%	
26) 1,2-Dichloroethane-d4	5.710	65	30083	5.34	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.80%	
32) Benzene-d6	5.738	84	83379	5.40	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.00%	
36) 1,2-Dichloropropane-d6	6.700	67	28646	5.59	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.80%	
41) Toluene-d8	7.906	98	75104	4.68	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.60%	
43) trans-1,3-Dichloroprop...	8.185	79	10773	4.76	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.20%	
46) 2-Hexanone-d5	8.645	63	62408	55.31	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.62%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25488	5.66	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.20%	
66) 1,2-Dichlorobenzene-d4	12.201	152	30189	5.73	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.60%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.395	85	2563	0.62	ug/L	99
3) Chloromethane	1.520	50	360	0.09	ug/L #	41
9) Trichlorofluoromethane	2.141	101	839	0.11	ug/L	100
13) Acetone	2.649	43	2512	2.38	ug/L	93
25) Chloroform	5.099	83	6585	0.74	ug/L	95
34) Trichloroethene	6.549	95	1277	0.26	ug/L	97
35) Methylcyclohexane	6.700	83	6372	0.94	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	3485	0.70	ug/L #	87
38) Bromodichloromethane	7.115	83	823	0.12	ug/L #	70
39) cis-1,3-Dichloropropene	7.571	75	834	0.11	ug/L #	69
47) Tetrachloroethene	8.562	164	19116	4.93	ug/L	99
48) 2-Hexanone	8.645	43	9719	2.96	ug/L #	65
49) Dibromochloromethane	8.558	129	18239	3.87	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4236	1.33	ug/L #	59

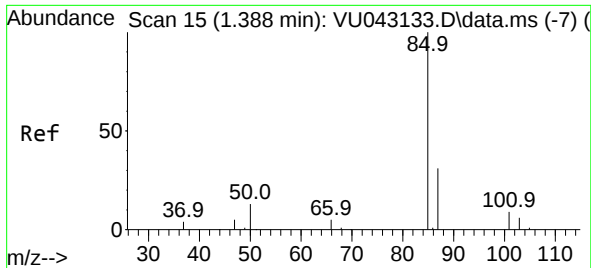
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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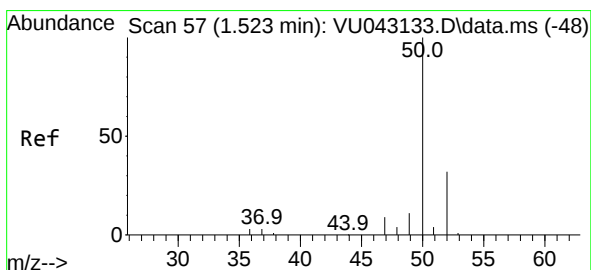
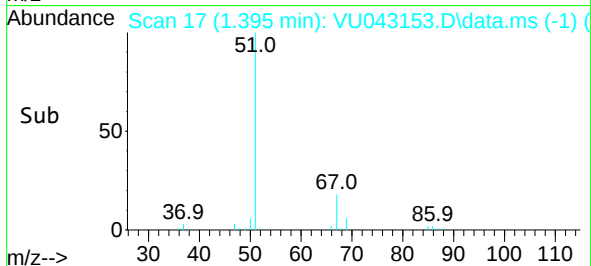
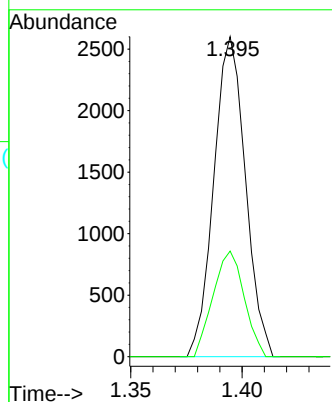
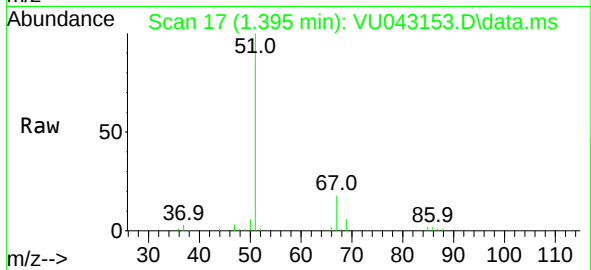




#2
Dichlorodifluoromethane
Concen: 0.62 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043153.D
Acq: 16 Apr 2021 04:34

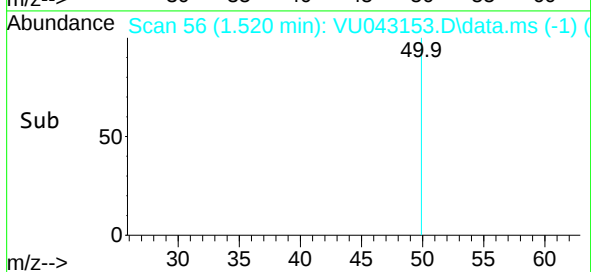
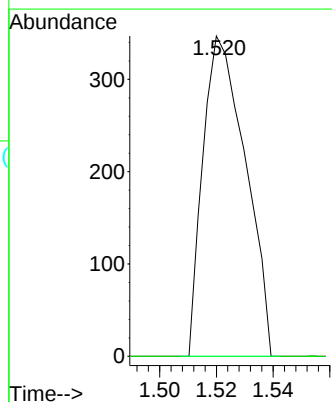
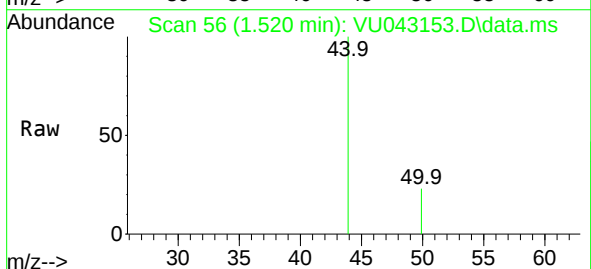
Instrument :
MSVOA_U
ClientSampled :

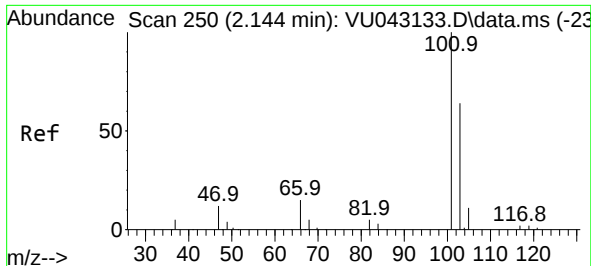
Tgt Ion: 85 Resp: 2563
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5



#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043153.D
Acq: 16 Apr 2021 04:34

Tgt Ion: 50 Resp: 360
Ion Ratio Lower Upper
50 100
52 0.0 23.6 43.8#

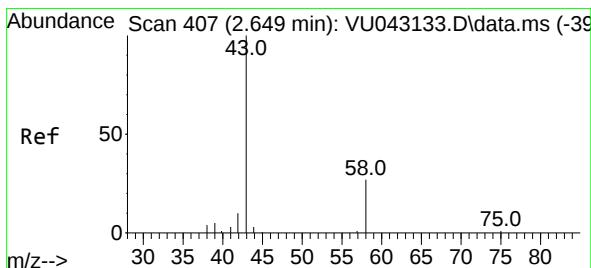
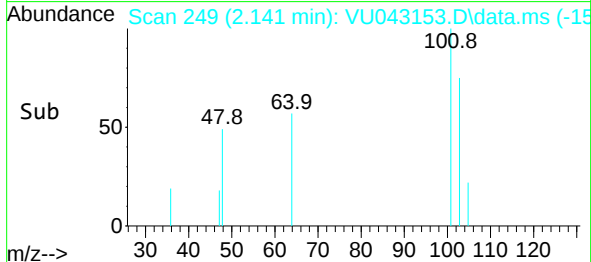
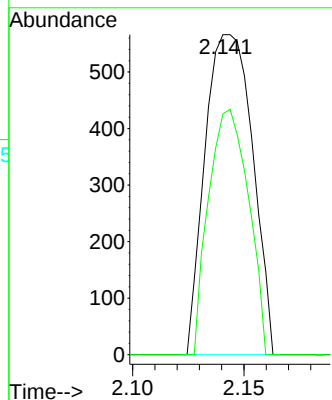
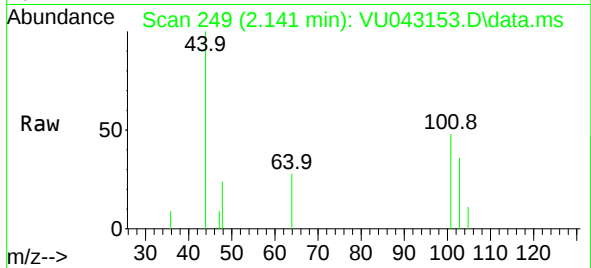




#9
 Trichlorofluoromethane
 Concen: 0.11 ug/L
 RT: 2.141 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU043153.D
 Acq: 16 Apr 2021 04:34

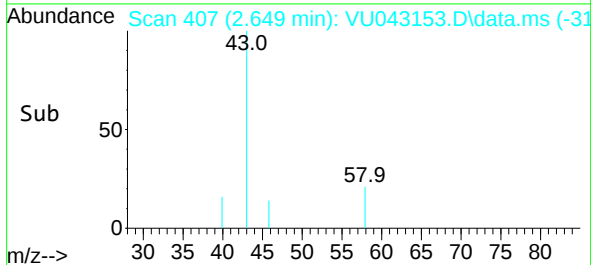
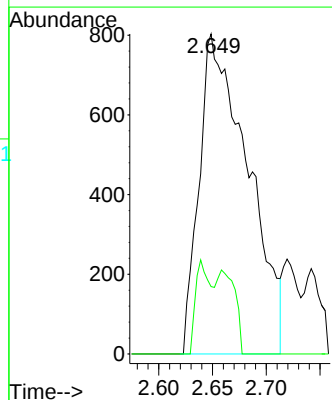
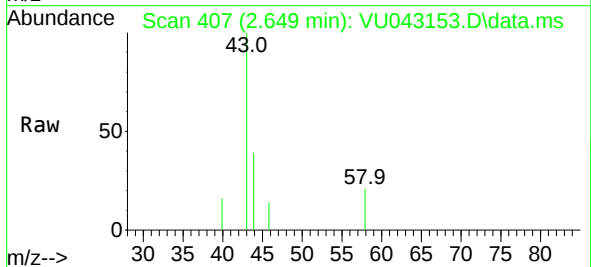
Instrument :
 MSVOA_U
 ClientSampleId :

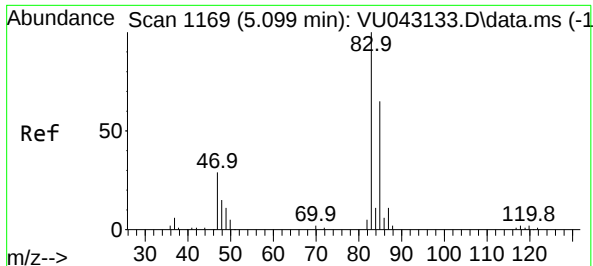
Tgt Ion:101 Resp: 839
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3



#13
 Acetone
 Concen: 2.38 ug/L
 RT: 2.649 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: VU043153.D
 Acq: 16 Apr 2021 04:34

Tgt Ion: 43 Resp: 2512
 Ion Ratio Lower Upper
 43 100
 58 9.6 0.0 25.0



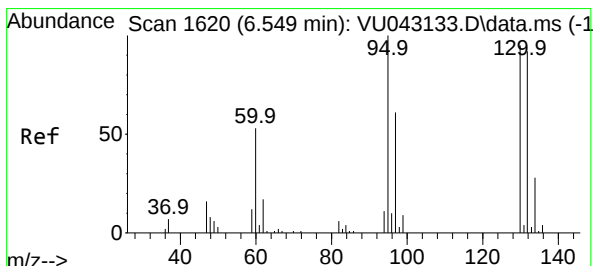
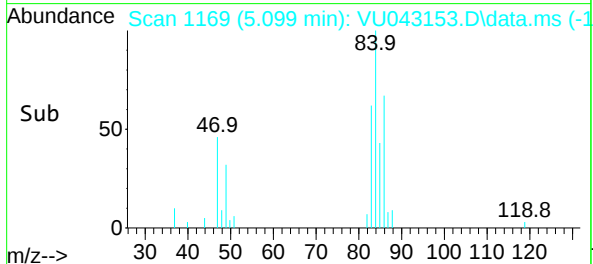
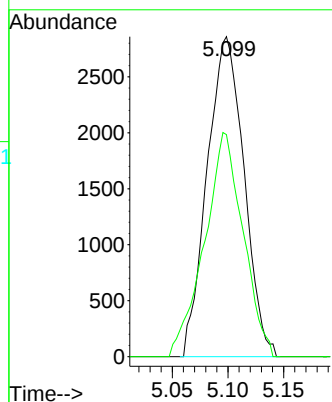
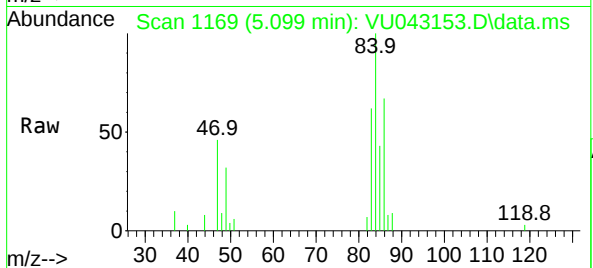


#25

Chloroform
Concen: 0.74 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043153.D
Acq: 16 Apr 2021 04:34

Instrument :
MSVOA_U
ClientSampled :

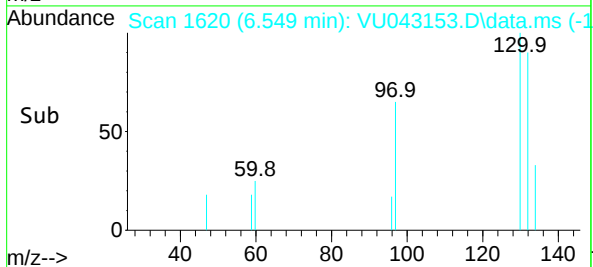
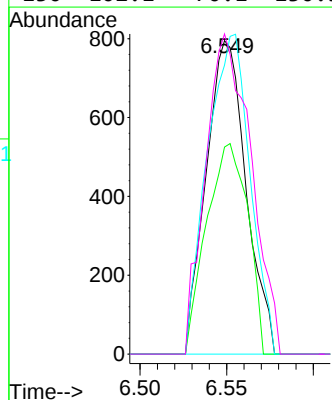
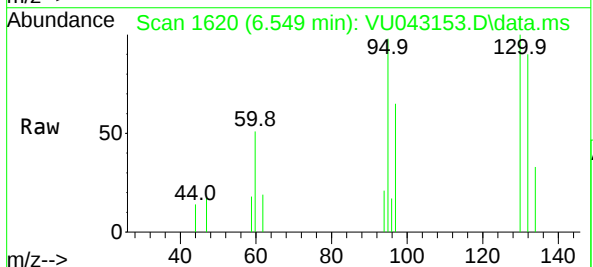
Tgt Ion: 83 Resp: 6585
Ion Ratio Lower Upper
83 100
85 69.4 45.6 84.8

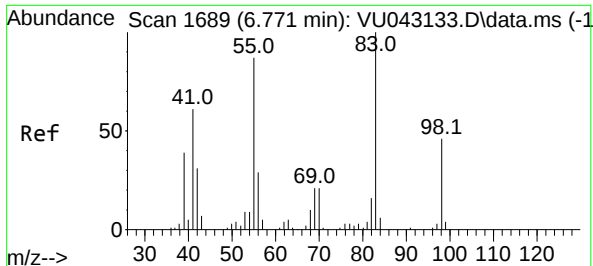


#34

Trichloroethene
Concen: 0.26 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043153.D
Acq: 16 Apr 2021 04:34

Tgt Ion: 95 Resp: 1277
Ion Ratio Lower Upper
95 100
97 66.0 45.8 85.2
132 92.2 68.7 127.7
130 102.1 70.1 130.3





#35

Methylcyclohexane

Concen: 0.94 ug/L

RT: 6.700 min Scan# 1667

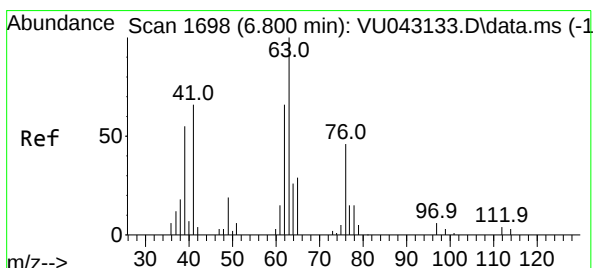
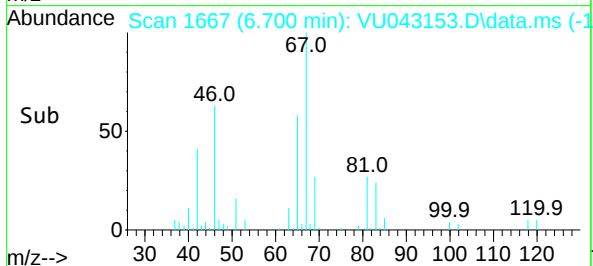
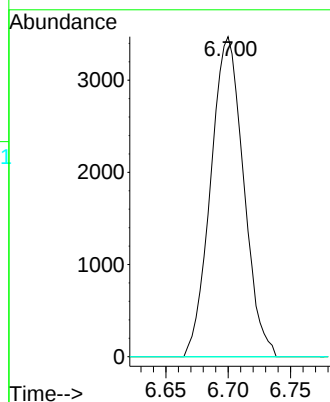
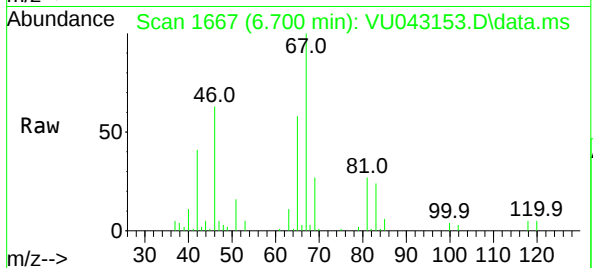
Delta R.T. -0.071 min

Lab File: VU043153.D

Acq: 16 Apr 2021 04:34

Tgt Ion:	83	Resp:	6372
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.70 ug/L

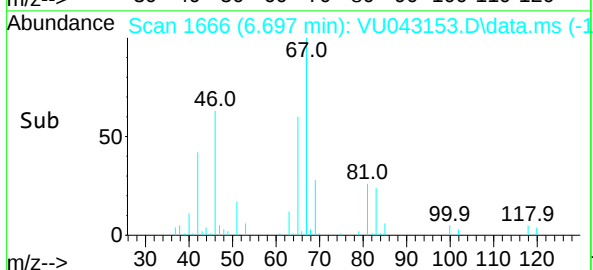
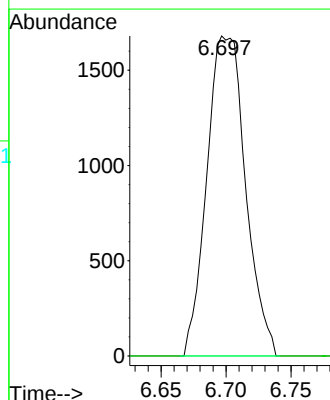
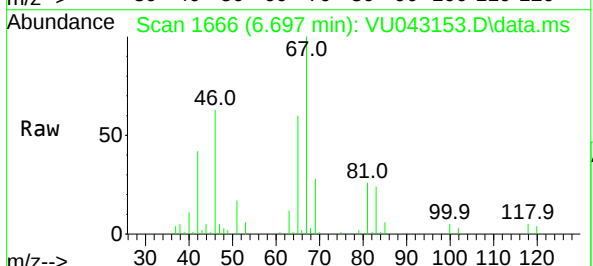
RT: 6.697 min Scan# 1666

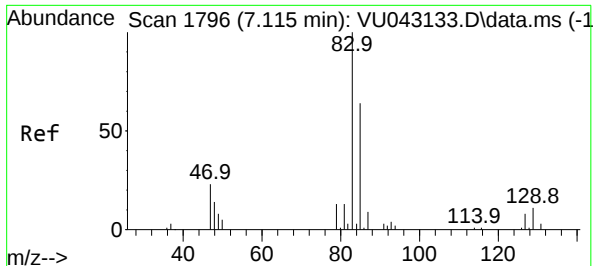
Delta R.T. -0.103 min

Lab File: VU043153.D

Acq: 16 Apr 2021 04:34

Tgt Ion:	63	Resp:	3485
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#





#38

Bromodichloromethane

Concen: 0.12 ug/L

RT: 7.115 min Scan# 1796

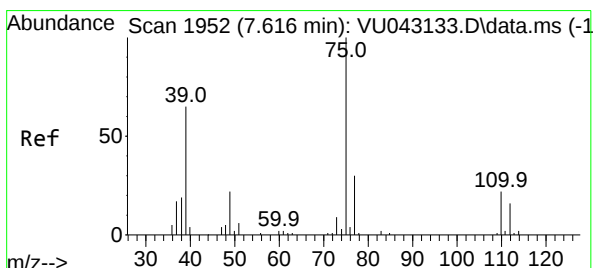
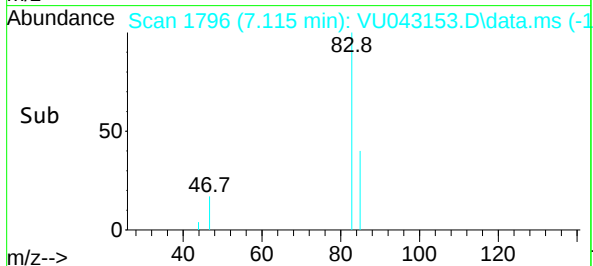
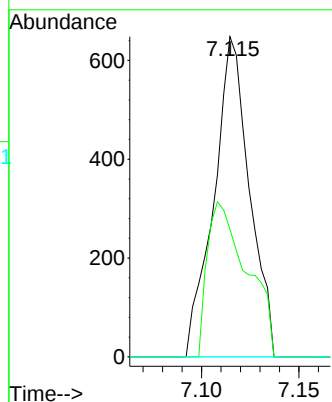
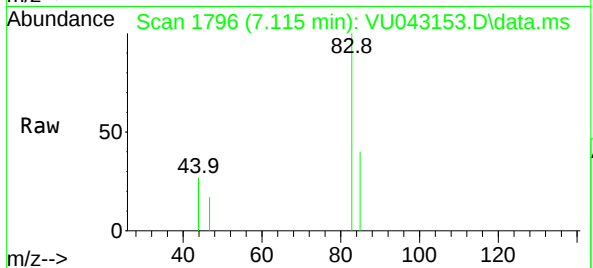
Delta R.T. -0.000 min

Lab File: VU043153.D

Acq: 16 Apr 2021 04:34

Tgt Ion:	83	Resp:	823
Ion	Ratio	Lower	Upper
83	100		
85	39.8	44.6	82.8#
127	0.0	7.4	11.2#

Instrument :
MSVOA_U
ClientSampleId :



#39

cis-1,3-Dichloropropene

Concen: 0.11 ug/L

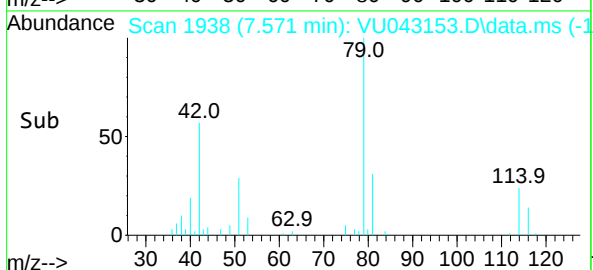
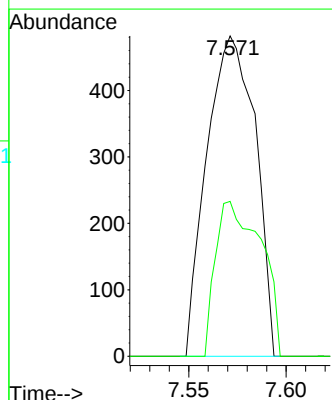
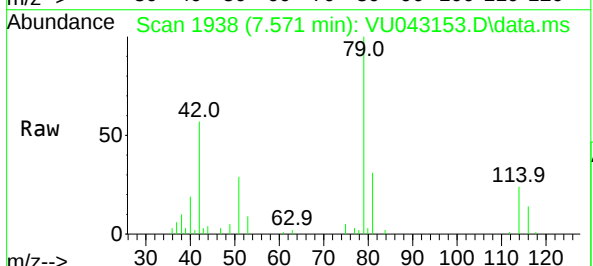
RT: 7.571 min Scan# 1938

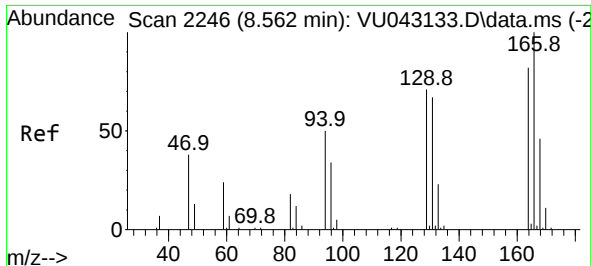
Delta R.T. -0.045 min

Lab File: VU043153.D

Acq: 16 Apr 2021 04:34

Tgt Ion:	75	Resp:	834
Ion	Ratio	Lower	Upper
75	100		
77	48.3	21.8	40.6#

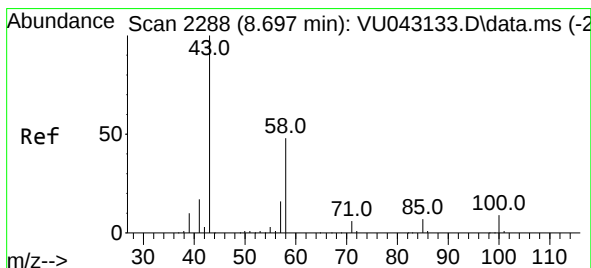
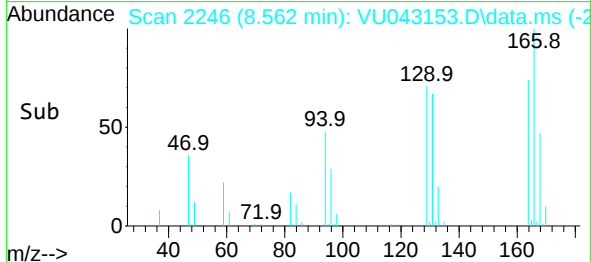
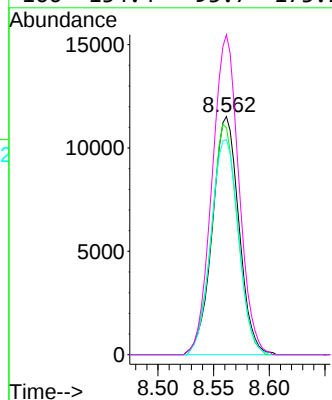
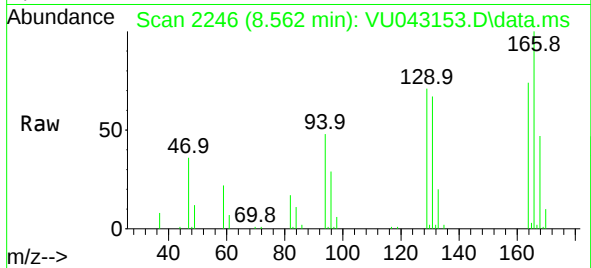




#47
Tetrachloroethene
Concen: 4.93 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043153.D
Acq: 16 Apr 2021 04:34

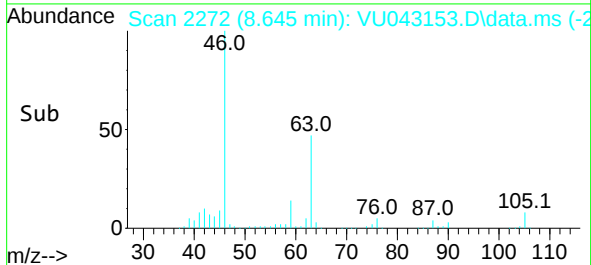
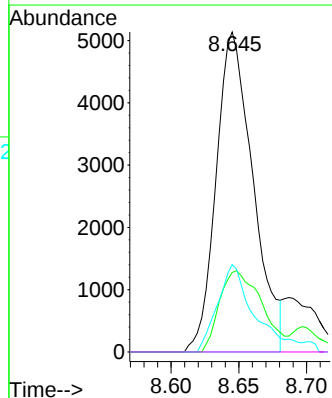
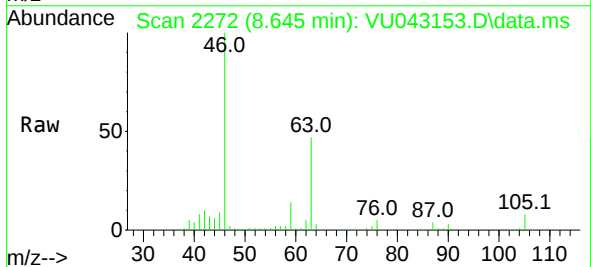
Instrument :
MSVOA_U
ClientSampleId :

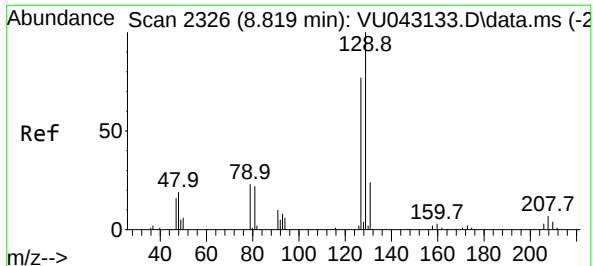
Tgt Ion:164 Resp: 19116
Ion Ratio Lower Upper
164 100
129 95.5 66.6 123.8
131 90.4 65.9 122.3
166 134.4 93.7 173.9



#48
2-Hexanone
Concen: 2.96 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU043153.D
Acq: 16 Apr 2021 04:34

Tgt Ion: 43 Resp: 9719
Ion Ratio Lower Upper
43 100
58 29.0 50.0 75.0#
57 27.4 17.4 26.0#
100 0.0 11.8 17.8#





#49

Dibromochloromethane

Concen: 3.87 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.261 min

Lab File: VU043153.D

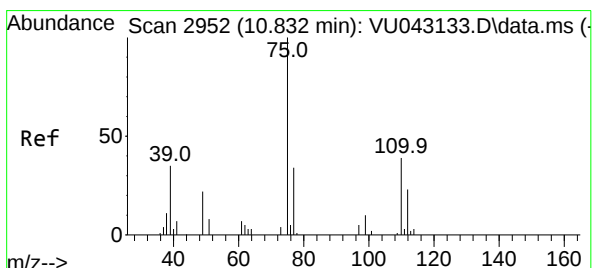
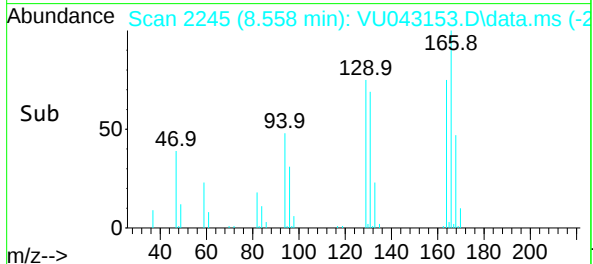
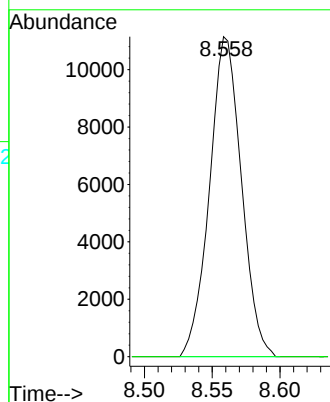
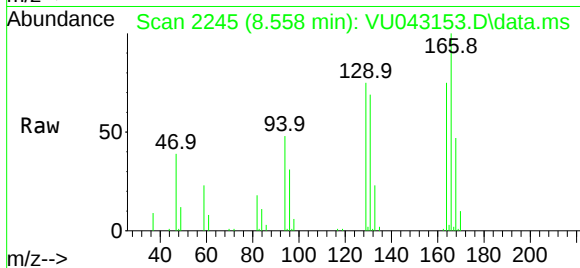
Acq: 16 Apr 2021 04:34

Tgt Ion:129 Resp: 18239

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.33 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043153.D

Acq: 16 Apr 2021 04:34

Tgt Ion: 75 Resp: 4236

Ion Ratio Lower Upper

75 100

110 0.0 31.5 47.3#

77 40.5 26.3 39.5#

