

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043132.D
 Acq On : 15 Apr 2021 19:45
 Operator : SY/MD
 Sample : M2055-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

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

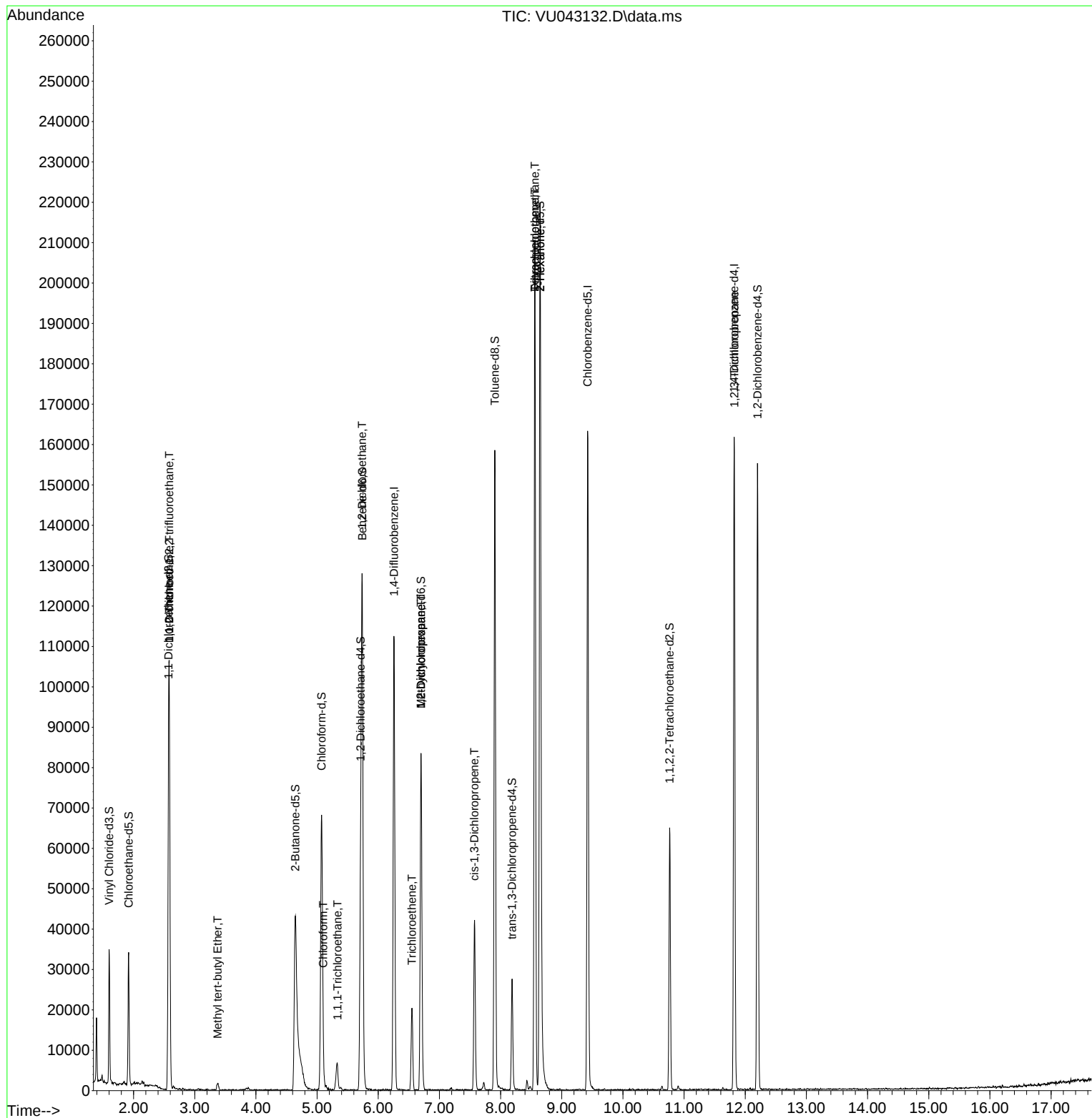
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	83651	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	82278	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40652	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22720	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.919	69	21909	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.572	65	12937	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	4.645	46	105803	56.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.42%
24) Chloroform-d	5.073	84	56774	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.713	65	38073	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.739	84	104486	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.700	67	35205	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.906	98	96380	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloroprop...	8.185	79	14246	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.645	63	76878	54.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29150	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	38511	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	832	0.15	ug/L #	48
12) 1,1-Dichloroethene	2.584	96	18733	4.03	ug/L #	53
17) Methyl tert-butyl Ether	3.375	73	1886	0.12	ug/L #	82
25) Chloroform	5.099	83	2725	0.24	ug/L	84
27) 1,2-Dichloroethane	5.735	62	667	0.08	ug/L #	74
29) 1,1,1-Trichloroethane	5.333	97	5230	0.51	ug/L	95
34) Trichloroethene	6.549	95	6615	1.09	ug/L	91
35) Methylcyclohexane	6.700	83	8176	0.97	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4358	0.70	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1120	0.12	ug/L #	64
47) Tetrachloroethene	8.562	164	43723	9.10	ug/L	97
48) 2-Hexanone	8.648	43	11438	2.81	ug/L #	65
49) Dibromochloromethane	8.562	129	40110	6.87	ug/L #	9
61) 1,2,3-Trichloropropane	11.822	75	5169	1.23	ug/L #	61

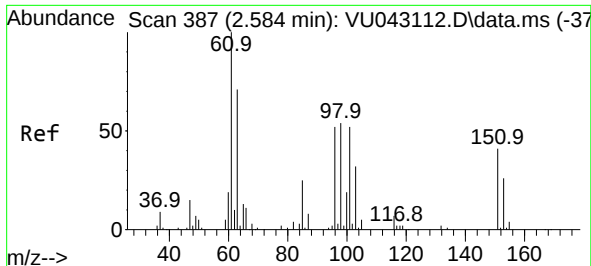
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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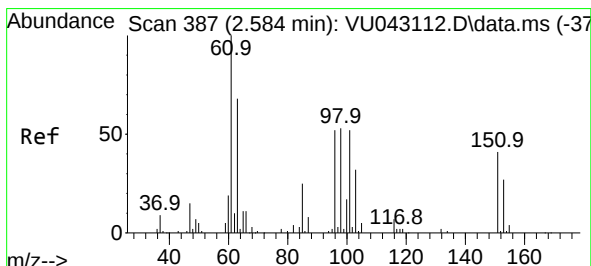
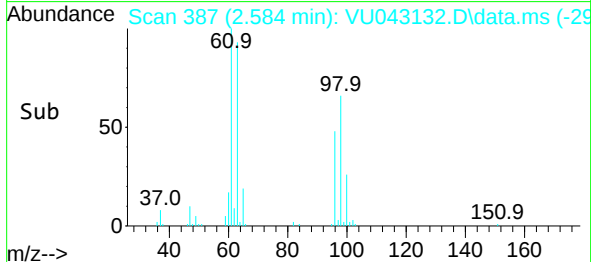
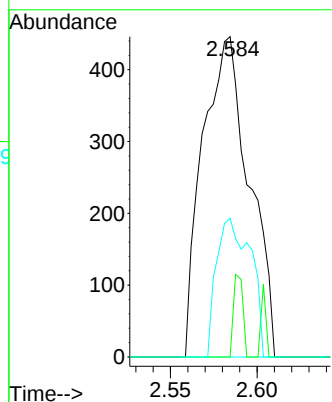
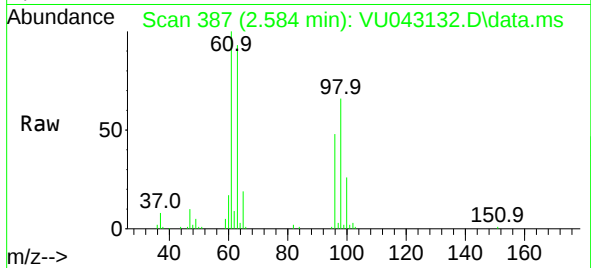




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.15 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU043132.D
 Acq: 15 Apr 2021 19:45

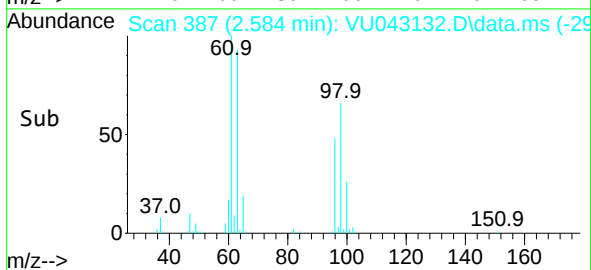
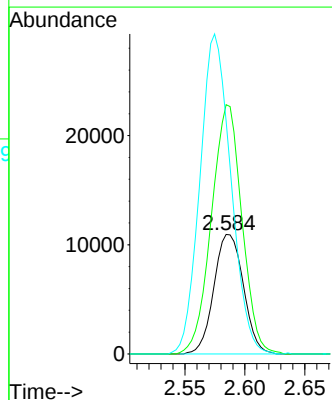
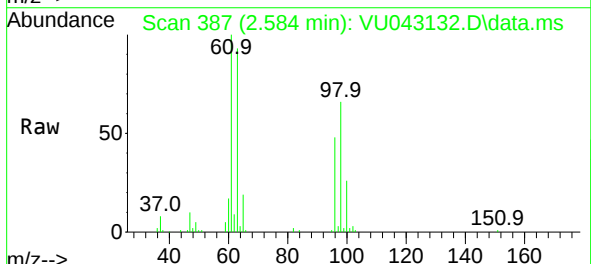
Instrument :
 MSVOA_U
 ClientSampleId :

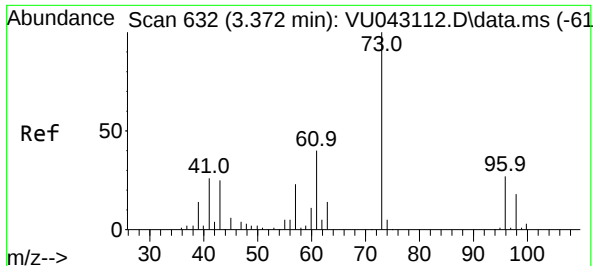
Tgt Ion:101 Resp: 832
 Ion Ratio Lower Upper
 101 100
 85 5.2 34.5 51.7#
 151 31.7 57.4 86.2#



#12
 1,1-Dichloroethene
 Concen: 4.03 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU043132.D
 Acq: 15 Apr 2021 19:45

Tgt Ion: 96 Resp: 18733
 Ion Ratio Lower Upper
 96 100
 61 208.6 115.1 213.7
 63 194.9 84.1 156.1#

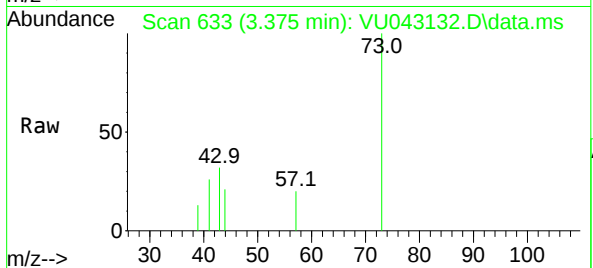




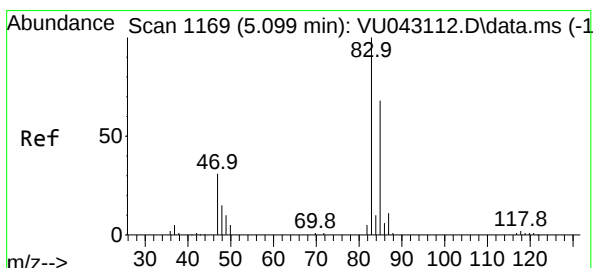
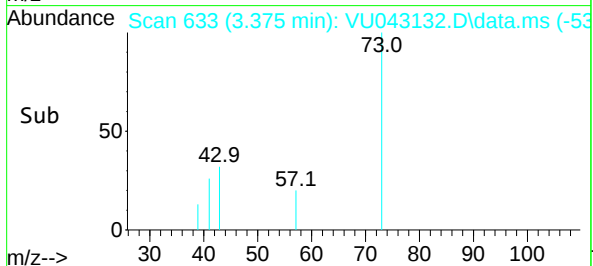
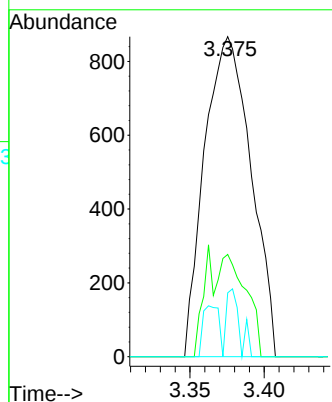
#17

Methyl tert-butyl Ether
 Concen: 0.12 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. 0.003 min
 Lab File: VU043132.D
 Acq: 15 Apr 2021 19:45

Instrument :
 MSVOA_U
 ClientSampleId :



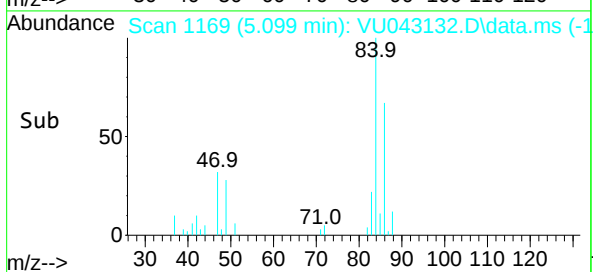
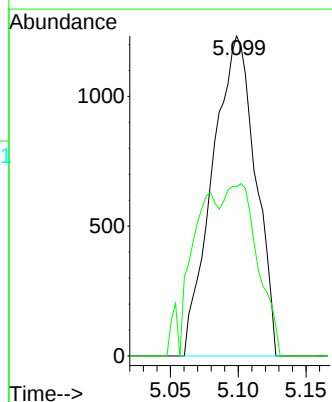
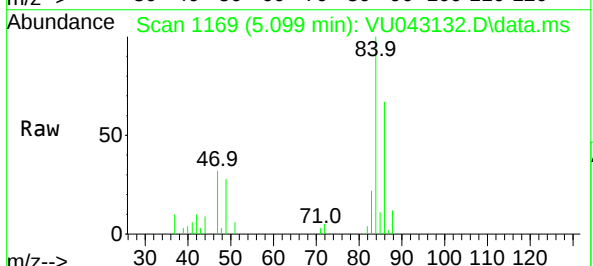
Tgt Ion: 73	Resp: 1886
Ion Ratio	Lower Upper
73 100	
43 19.1	15.0 22.4
57 6.0	17.3 25.9#

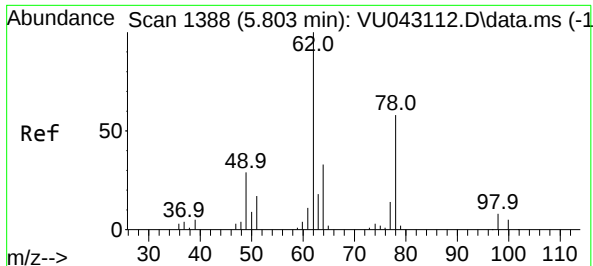


#25

Chloroform
 Concen: 0.24 ug/L
 RT: 5.099 min Scan# 1169
 Delta R.T. -0.000 min
 Lab File: VU043132.D
 Acq: 15 Apr 2021 19:45

Tgt Ion: 83	Resp: 2725
Ion Ratio	Lower Upper
83 100	
85 52.9	45.6 84.8



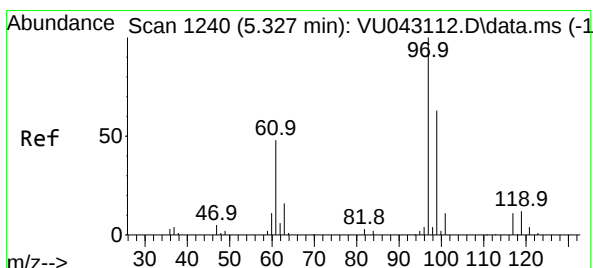
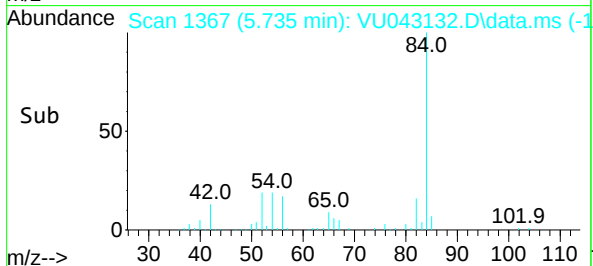
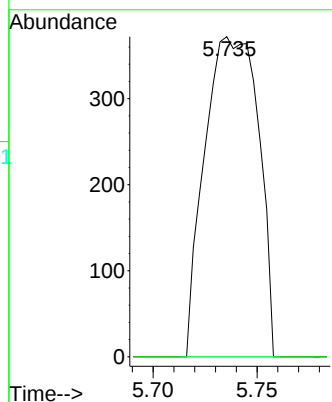
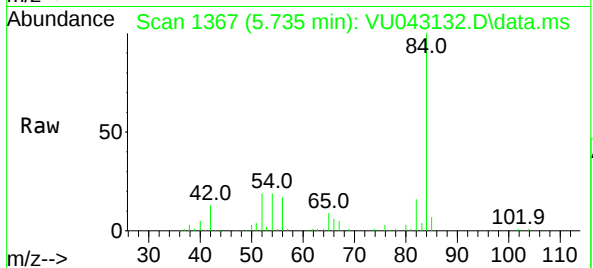


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Instrument :
MSVOA_U
ClientSampled :

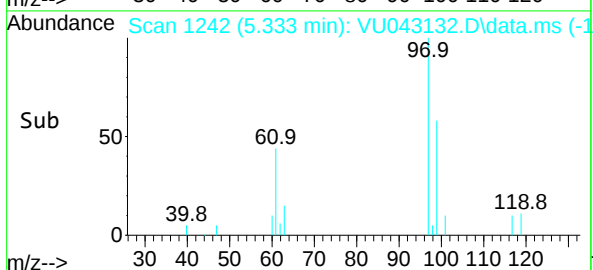
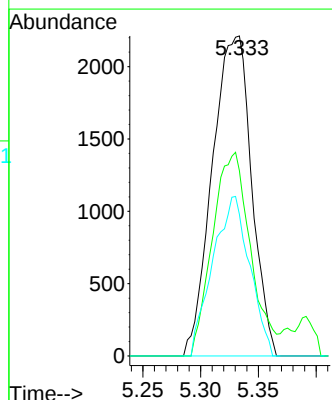
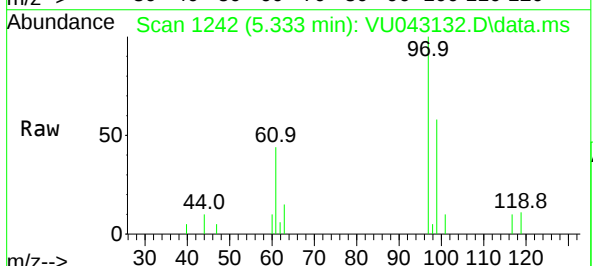
Tgt Ion: 62 Resp: 667
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

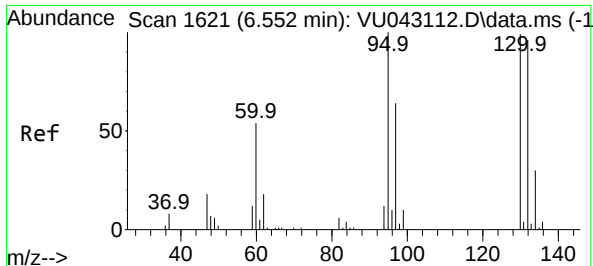


#29

1,1,1-Trichloroethane
Concen: 0.51 ug/L
RT: 5.333 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Tgt Ion: 97 Resp: 5230
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 46.8 32.7 49.1



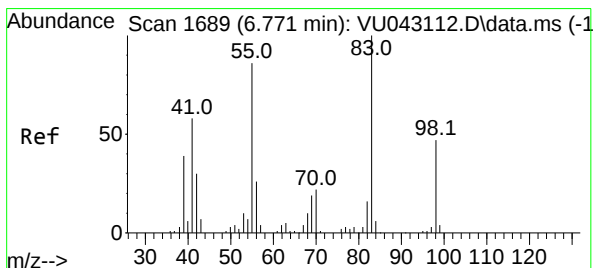
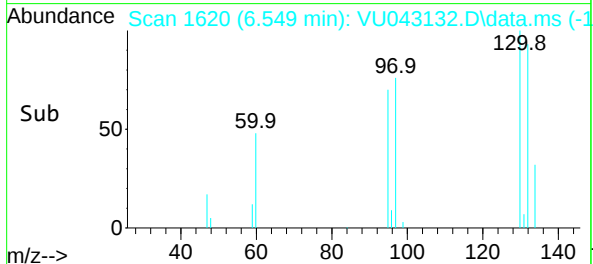
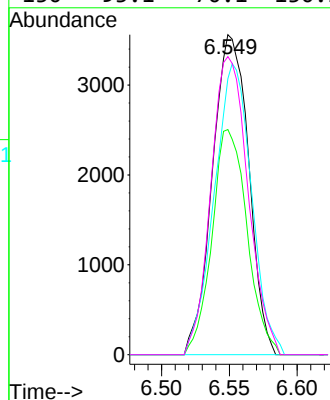
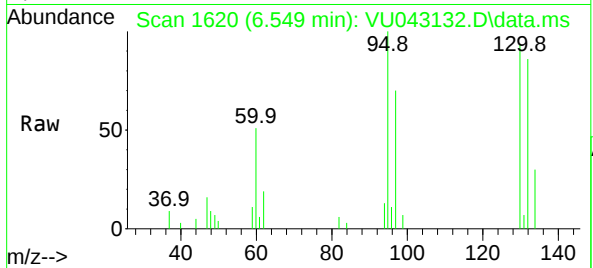


#34
Trichloroethene
Concen: 1.09 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 6615

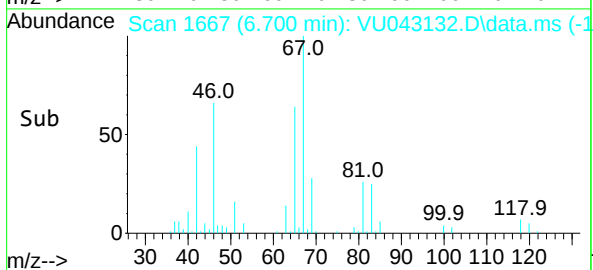
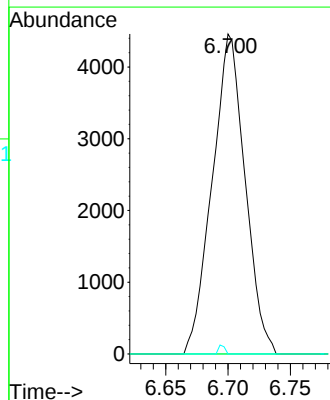
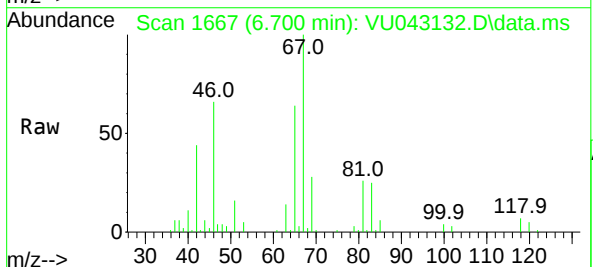
Ion	Ratio	Lower	Upper
95	100		
97	70.4	45.8	85.2
132	86.3	68.7	127.7
130	93.1	70.1	130.3

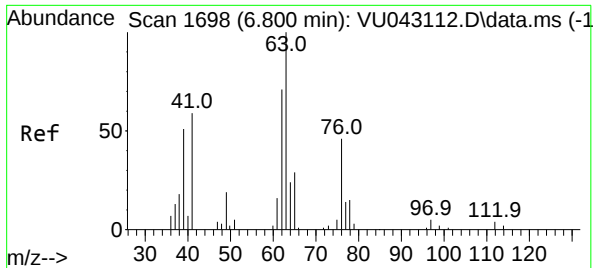


#35
Methylcyclohexane
Concen: 0.97 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Tgt Ion: 83 Resp: 8176

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.5	37.9	56.9#

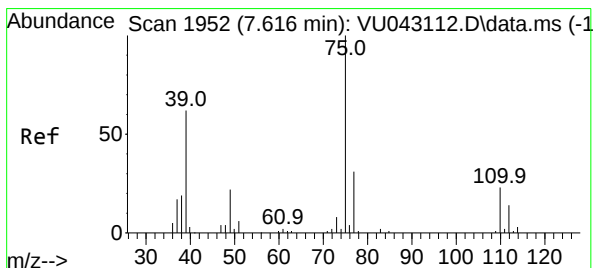
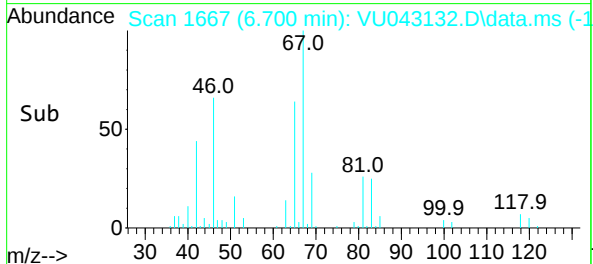
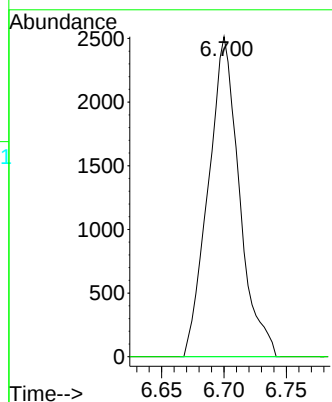
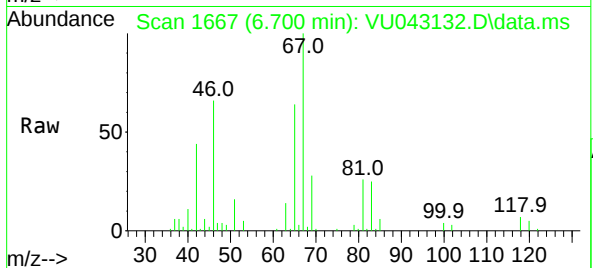




#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

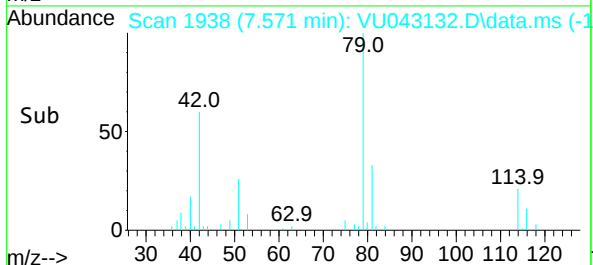
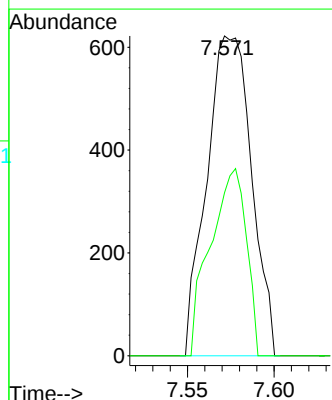
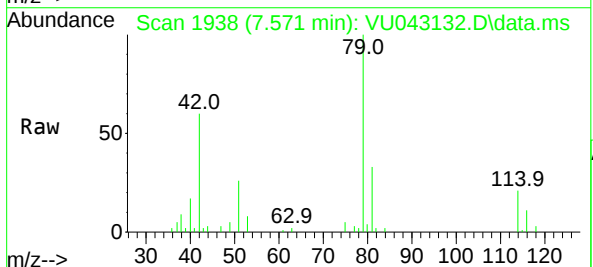
Instrument :
MSVOA_U
ClientSampled :

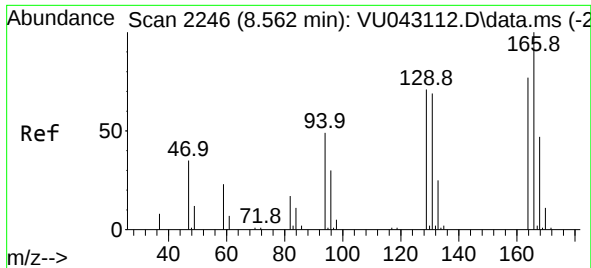
Tgt Ion: 63 Resp: 4358
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043132.D
Acq: 15 Apr 2021 19:45

Tgt Ion: 75 Resp: 1120
Ion Ratio Lower Upper
75 100
77 51.0 21.8 40.6#





#47

Tetrachloroethene

Concen: 9.10 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043132.D

Acq: 15 Apr 2021 19:45

Tgt Ion:164 Resp: 43723

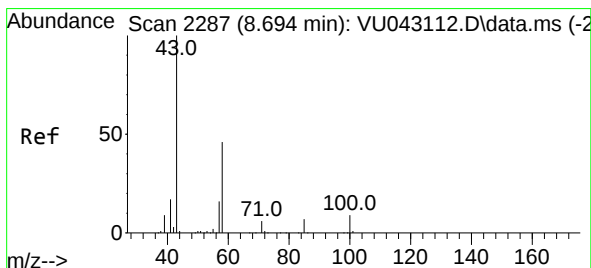
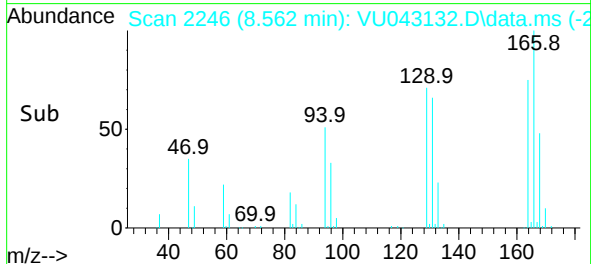
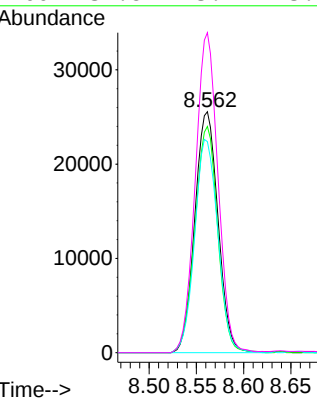
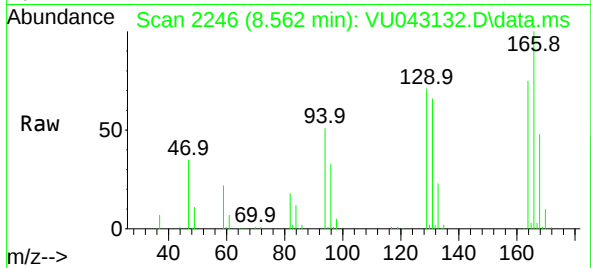
Ion Ratio Lower Upper

164 100

129 93.8 66.6 123.8

131 87.5 65.9 122.3

166 132.8 93.7 173.9



#48

2-Hexanone

Concen: 2.81 ug/L

RT: 8.648 min Scan# 2273

Delta R.T. -0.045 min

Lab File: VU043132.D

Acq: 15 Apr 2021 19:45

Tgt Ion: 43 Resp: 11438

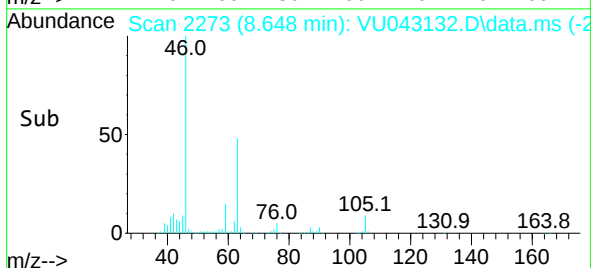
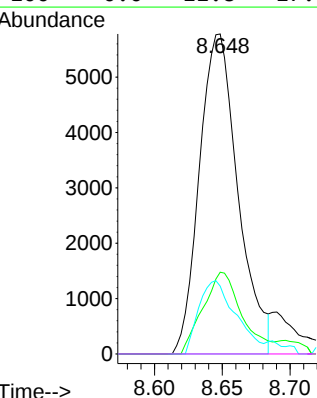
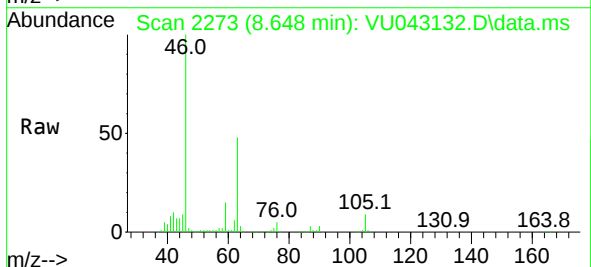
Ion Ratio Lower Upper

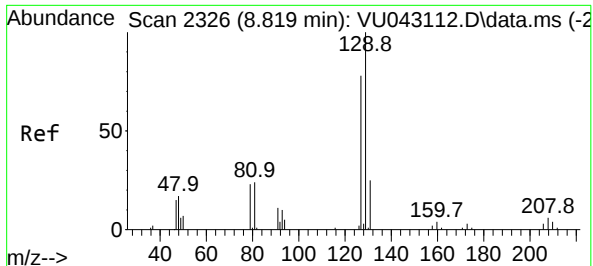
43 100

58 25.9 50.0 75.0#

57 22.1 17.4 26.0

100 0.0 11.8 17.8#





#49

Dibromochloromethane

Concen: 6.87 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043132.D

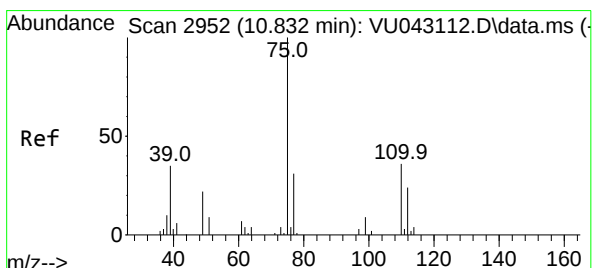
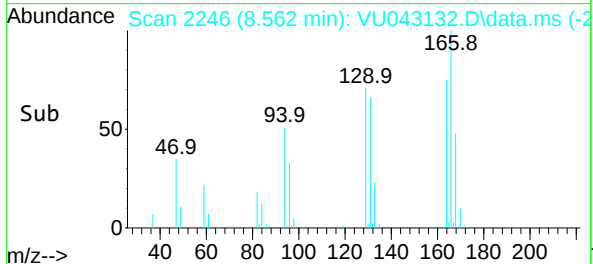
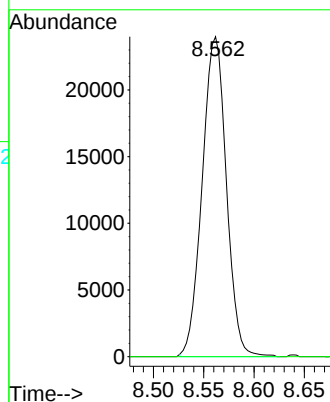
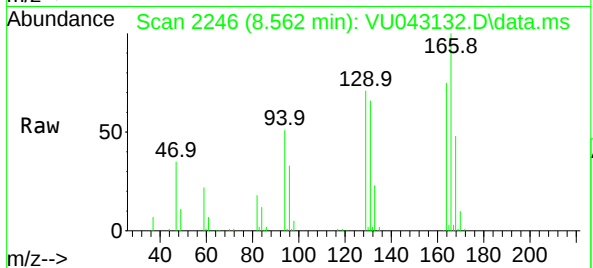
Acq: 15 Apr 2021 19:45

Tgt Ion:129 Resp: 40110

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.23 ug/L

RT: 11.822 min Scan# 3260

Delta R.T. 0.990 min

Lab File: VU043132.D

Acq: 15 Apr 2021 19:45

Tgt Ion: 75 Resp: 5169

Ion Ratio Lower Upper

75 100

110 0.8 31.5 47.3#

77 39.0 26.3 39.5

