

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043807.D
 Acq On : 18 May 2021 12:25
 Operator : SY/MD
 Sample : M2396-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:41:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

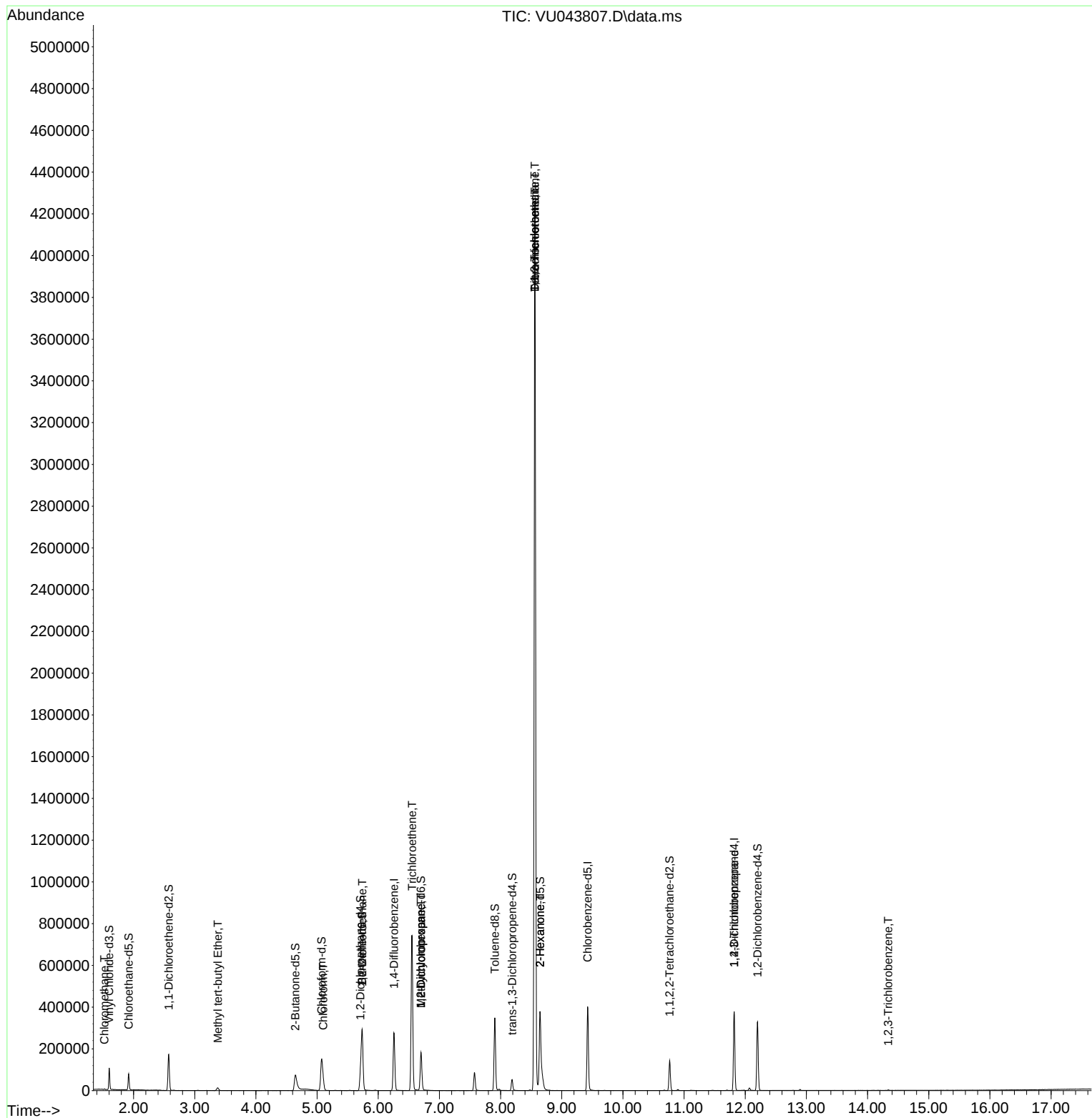
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	227114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	233492	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	108035	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	74121	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.919	69	55005	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.575	65	33122	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.645	46	145829	45.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.60%
24) Chloroform-d	5.073	84	137468	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.710	65	69016	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.735	84	277665	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.700	67	90883	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.906	98	235796	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloroprop...	8.189	79	31586	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.645	63	160309	50.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.46%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73070	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	93149	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2309	0.12	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	14104	0.42	ug/L	98
25) Chloroform	5.099	83	39501	1.40	ug/L	97
27) 1,2-Dichloroethane	5.738	62	1401	0.08	ug/L #	74
34) Trichloroethene	6.552	95	261358	15.08	ug/L	97
35) Methylcyclohexane	6.700	83	20355	0.76	ug/L #	25
37) 1,2-Dichloropropane	6.700	63	8922	0.50	ug/L #	88
45) 1,1,2-Trichloroethane	8.558	97	7196	0.57	ug/L #	1
47) Tetrachloroethene	8.562	164	1001722	71.52	ug/L	98
48) 2-Hexanone	8.645	43	16955	2.03	ug/L #	73
49) Dibromochloromethane	8.562	129	914968	64.60	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11201	1.09	ug/L #	70
72) 1,2,3-Trichlorobenzene	14.336	180	1109	0.06	ug/L #	88

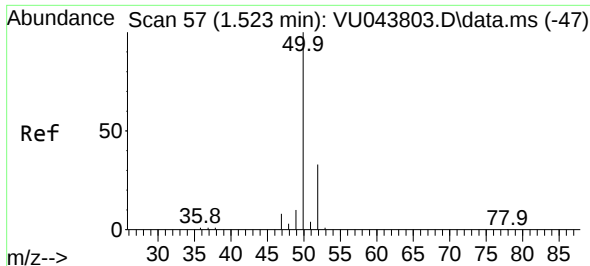
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
Data File : VU043807.D
Acq On : 18 May 2021 12:25
Operator : SY/MD
Sample : M2396-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 19 01:41:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 19 01:40:07 2021
Response via : Initial Calibration

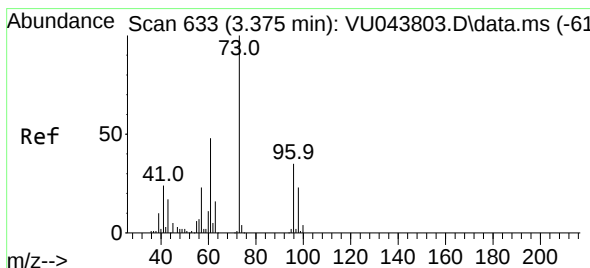
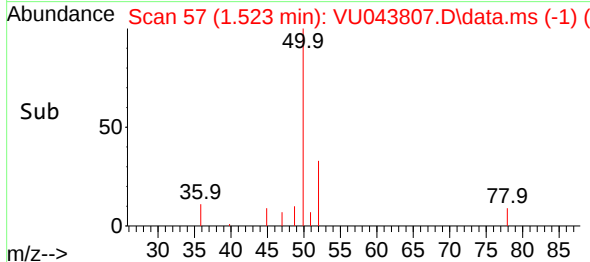
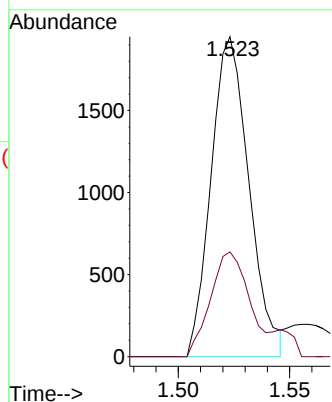
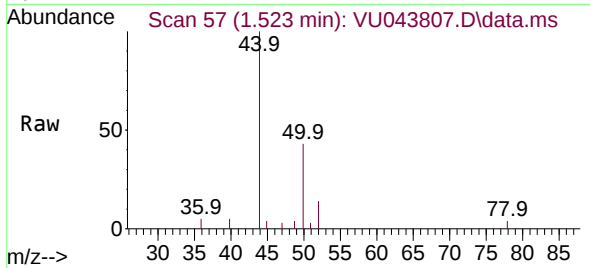




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043807.D
Acq: 18 May 2021 12:25

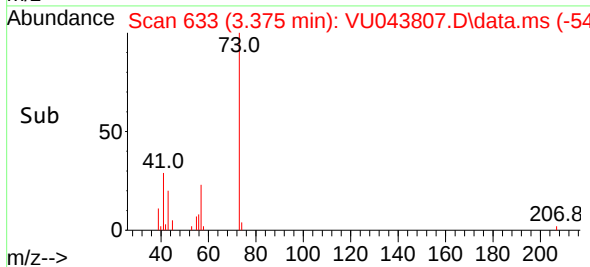
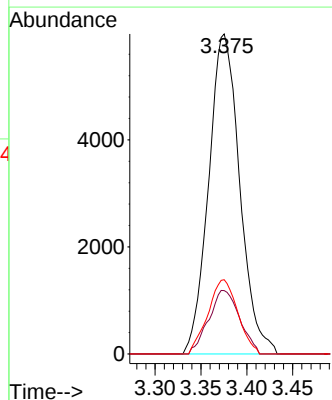
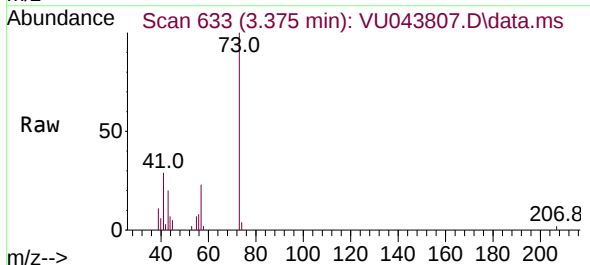
Instrument :
MSVOA_U
ClientSampled :

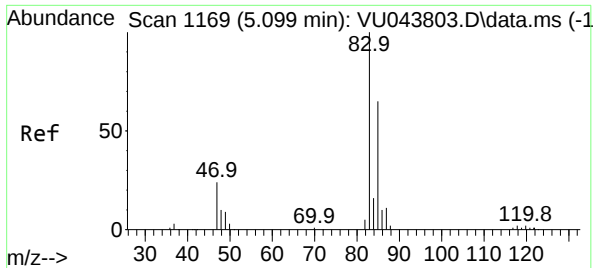
Tgt Ion: 50 Resp: 2309
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2



#17
Methyl tert-butyl Ether
Concen: 0.42 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043807.D
Acq: 18 May 2021 12:25

Tgt Ion: 73 Resp: 14104
Ion Ratio Lower Upper
73 100
43 19.7 15.0 22.4
57 22.2 18.6 27.8



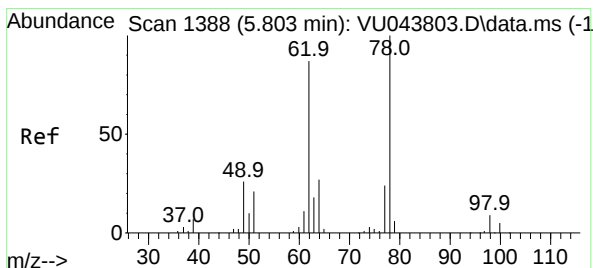
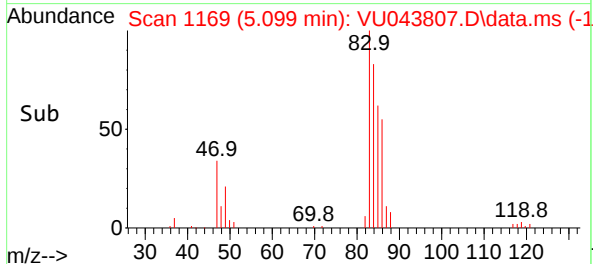
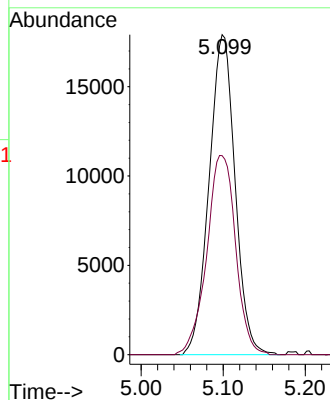
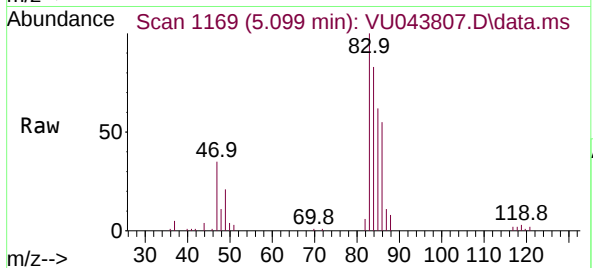


#25

Chloroform
Concen: 1.40 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043807.D
Acq: 18 May 2021 12:25

Instrument :
MSVOA_U
ClientSampled :

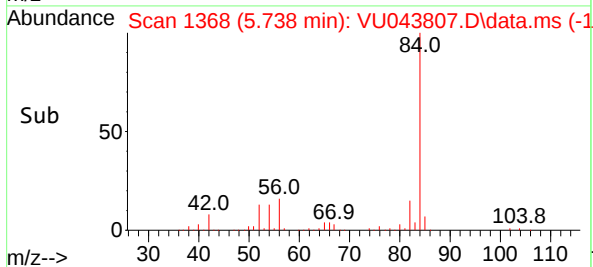
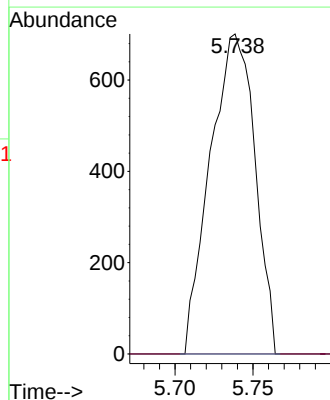
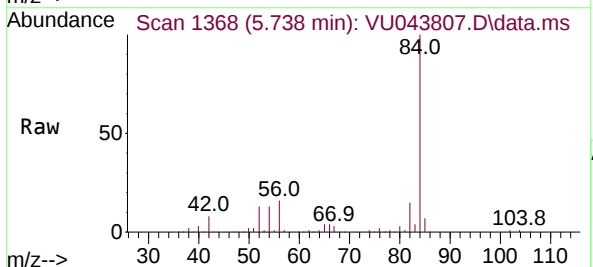
Tgt Ion: 83 Resp: 39501
Ion Ratio Lower Upper
83 100
85 62.2 45.0 83.6

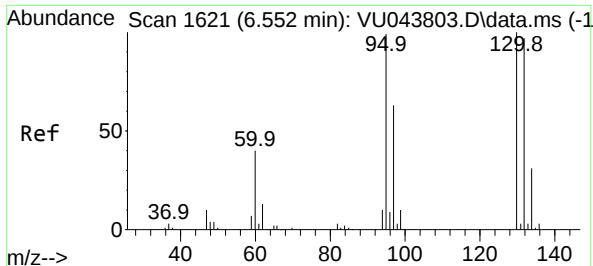


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.065 min
Lab File: VU043807.D
Acq: 18 May 2021 12:25

Tgt Ion: 62 Resp: 1401
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

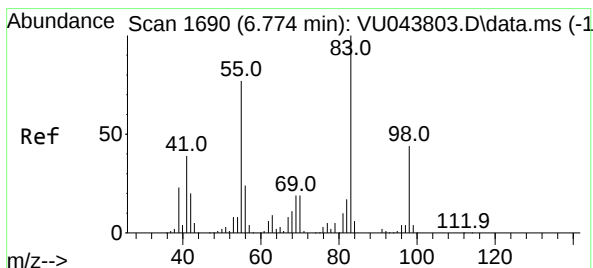
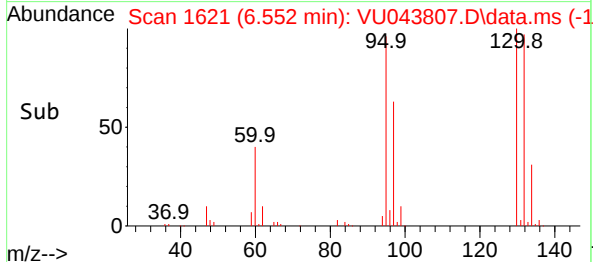
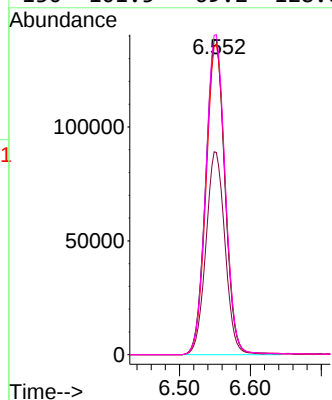
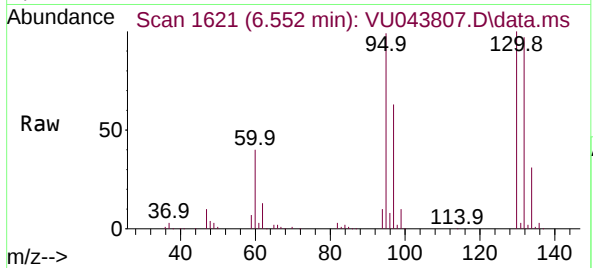




#34
Trichloroethene
Concen: 15.08 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043807.D
Acq: 18 May 2021 12:25

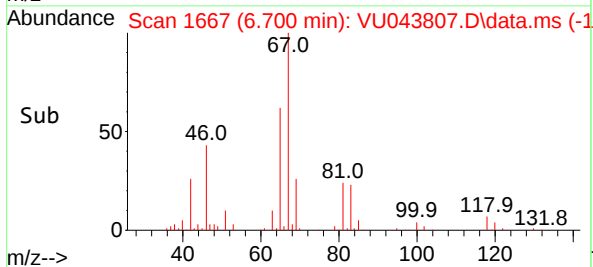
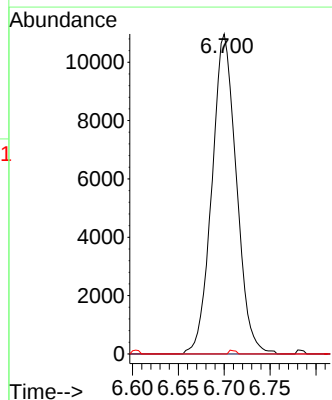
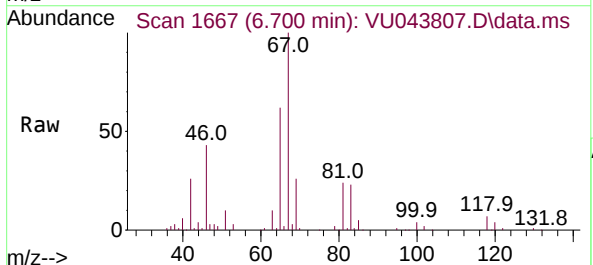
Instrument :
MSVOA_U
ClientSampleId :

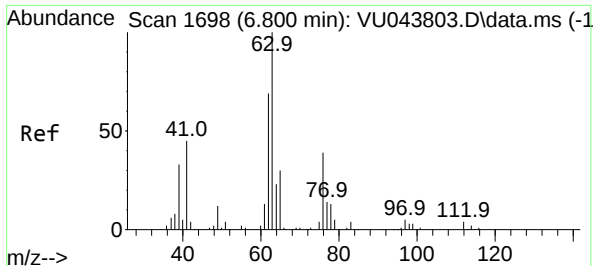
Tgt Ion: 95 Resp: 261358
Ion Ratio Lower Upper
95 100
97 64.1 44.3 82.3
132 98.5 66.0 122.6
130 101.5 69.2 128.6



#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043807.D
Acq: 18 May 2021 12:25

Tgt Ion: 83 Resp: 20355
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 14.8 35.9 53.9#



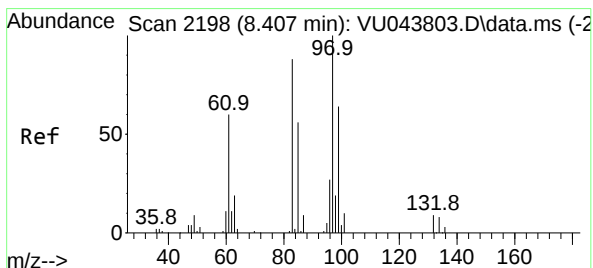
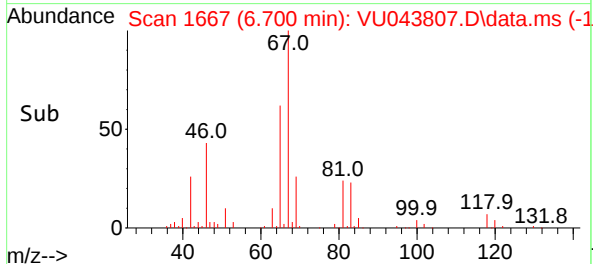
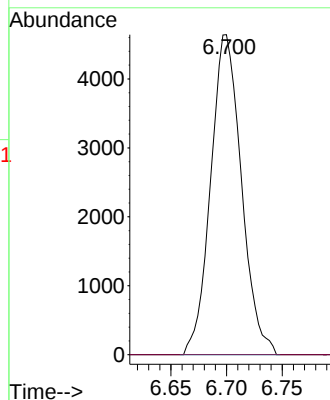
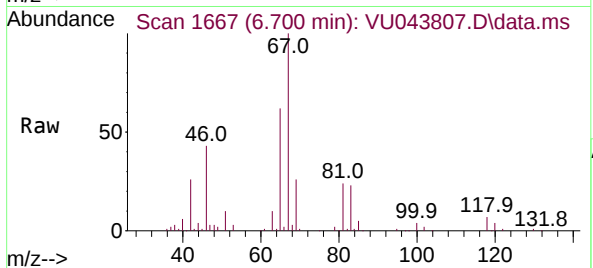


#37

1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043807.D
Acq: 18 May 2021 12:25

Instrument :
MSVOA_U
ClientSampled :

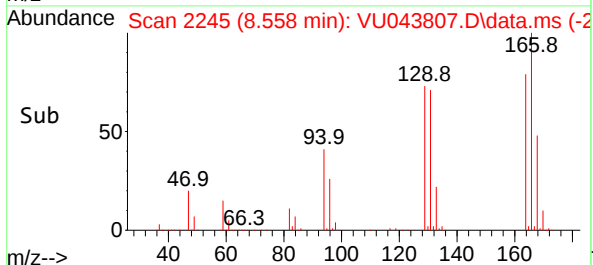
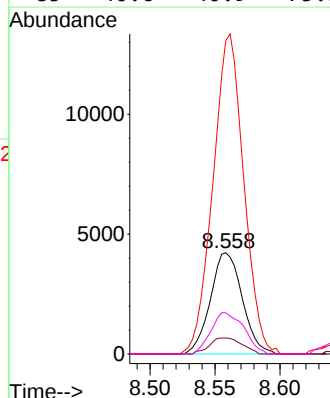
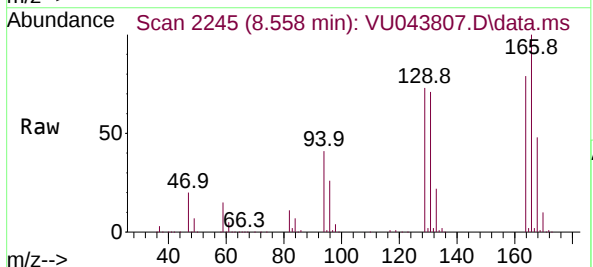
Tgt Ion: 63 Resp: 8922
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

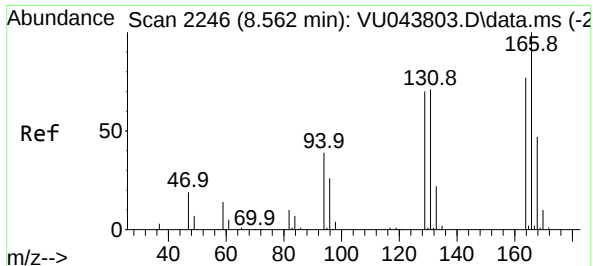


#45

1,1,2-Trichloroethane
Concen: 0.57 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU043807.D
Acq: 18 May 2021 12:25

Tgt Ion: 97 Resp: 7196
Ion Ratio Lower Upper
97 100
99 15.8 43.8 81.4#
83 309.7 62.5 116.1#
85 40.6 40.9 75.9#





#47

Tetrachloroethene

Concen: 71.52 ug/L

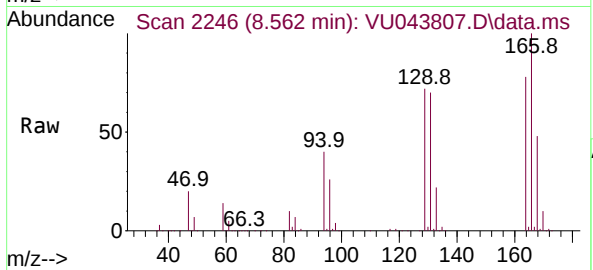
RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043807.D

Acq: 18 May 2021 12:25

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:164 Resp: 1001722

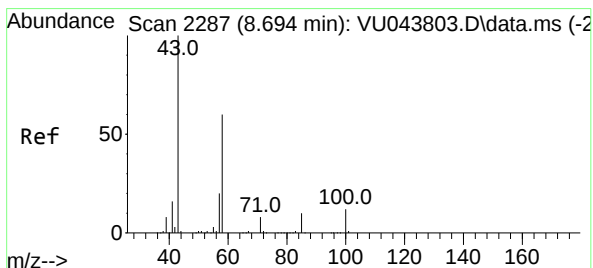
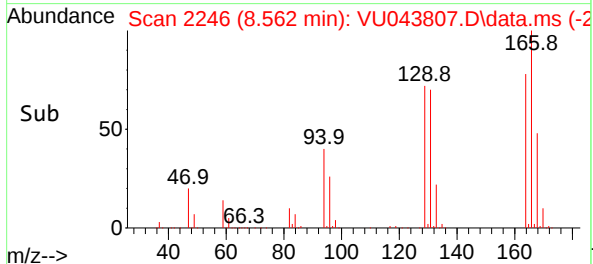
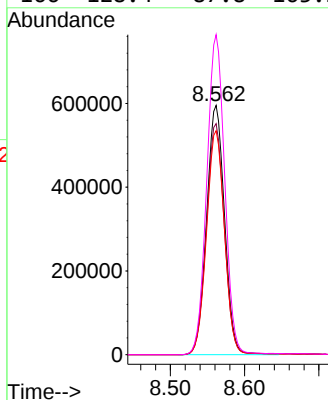
Ion Ratio Lower Upper

164 100

129 92.7 64.1 119.1

131 89.9 61.2 113.8

166 128.4 87.8 163.2



#48

2-Hexanone

Concen: 2.03 ug/L

RT: 8.645 min Scan# 2272

Delta R.T. -0.048 min

Lab File: VU043807.D

Acq: 18 May 2021 12:25

Tgt Ion: 43 Resp: 16955

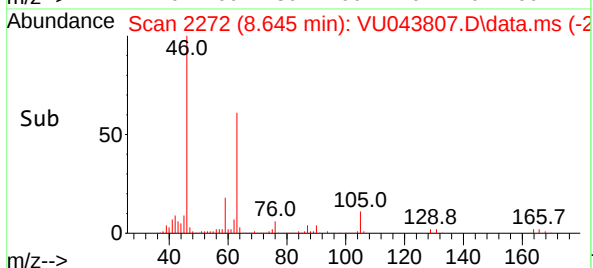
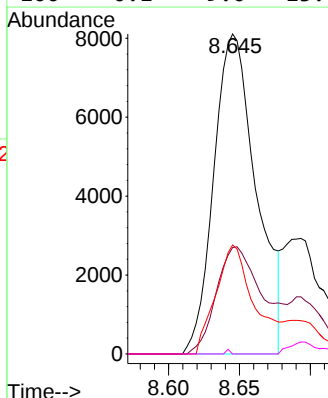
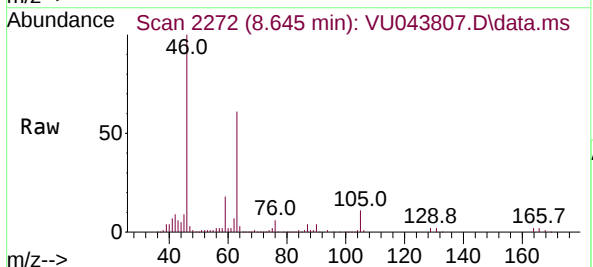
Ion Ratio Lower Upper

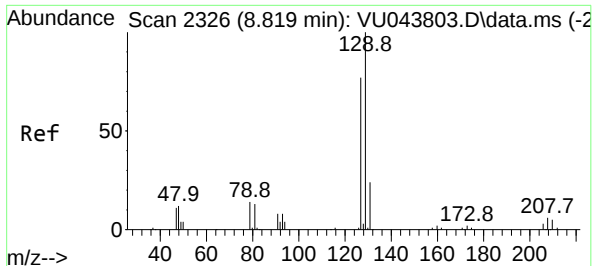
43 100

58 38.3 47.0 70.4#

57 31.4 15.8 23.8#

100 0.1 9.0 13.4#





#49

Dibromochloromethane

Concen: 64.60 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043807.D

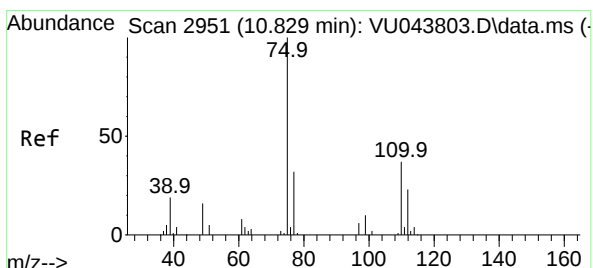
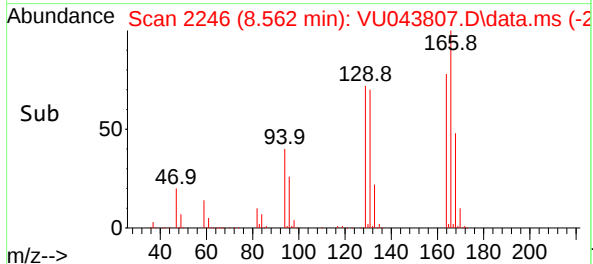
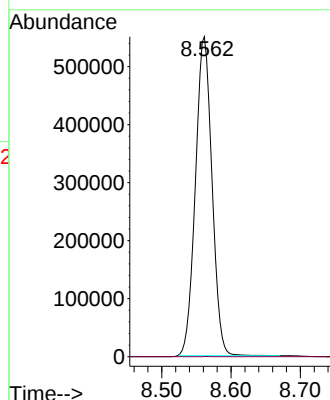
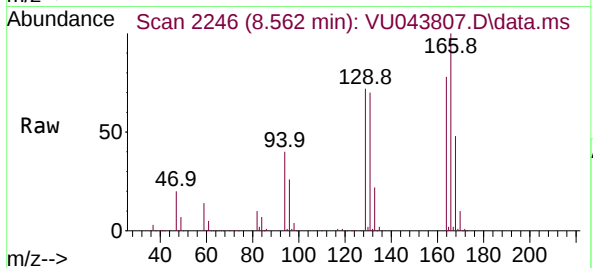
Acq: 18 May 2021 12:25

Tgt Ion:129 Resp: 914968

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



#61

1,2,3-Trichloropropane

Concen: 1.09 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU043807.D

Acq: 18 May 2021 12:25

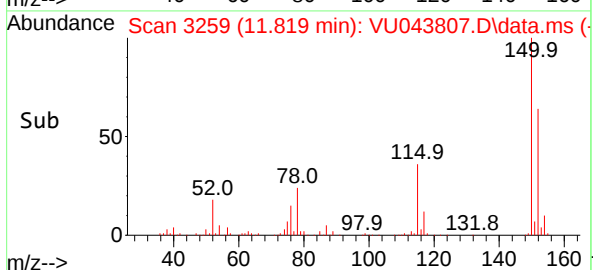
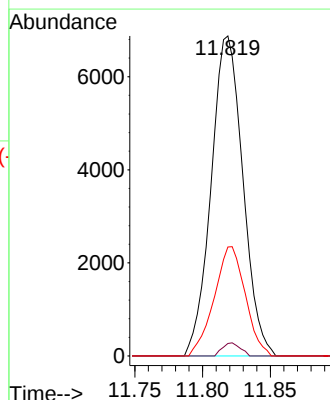
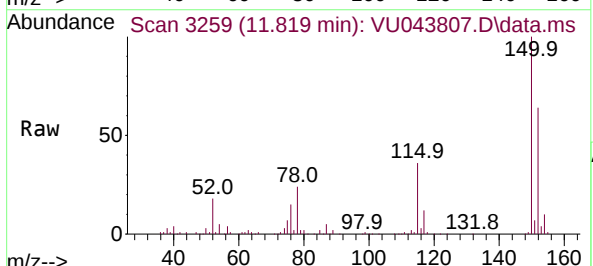
Tgt Ion: 75 Resp: 11201

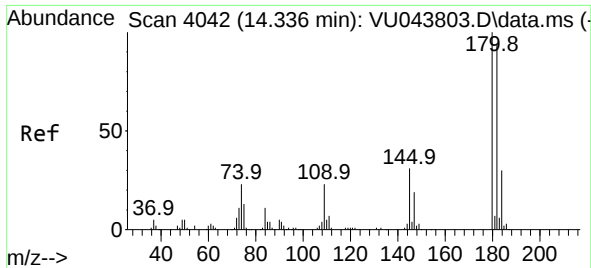
Ion Ratio Lower Upper

75 100

110 2.3 27.9 41.9#

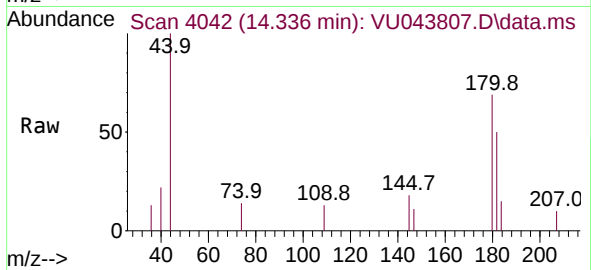
77 33.5 25.9 38.9





#72
 1,2,3-Trichlorobenzene
 Concen: 0.06 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. -0.000 min
 Lab File: VU043807.D
 Acq: 18 May 2021 12:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1109
Ion	Ratio	Lower	Upper
180	100		
182	85.2	77.0	115.4
145	22.5	24.6	36.8#

