

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044596.D
 Acq On : 07 Sep 2021 20:16
 Operator : SY/MD
 Sample : M3647-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 02:39:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 08 02:31:37 2021
 Response via : Initial Calibration

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

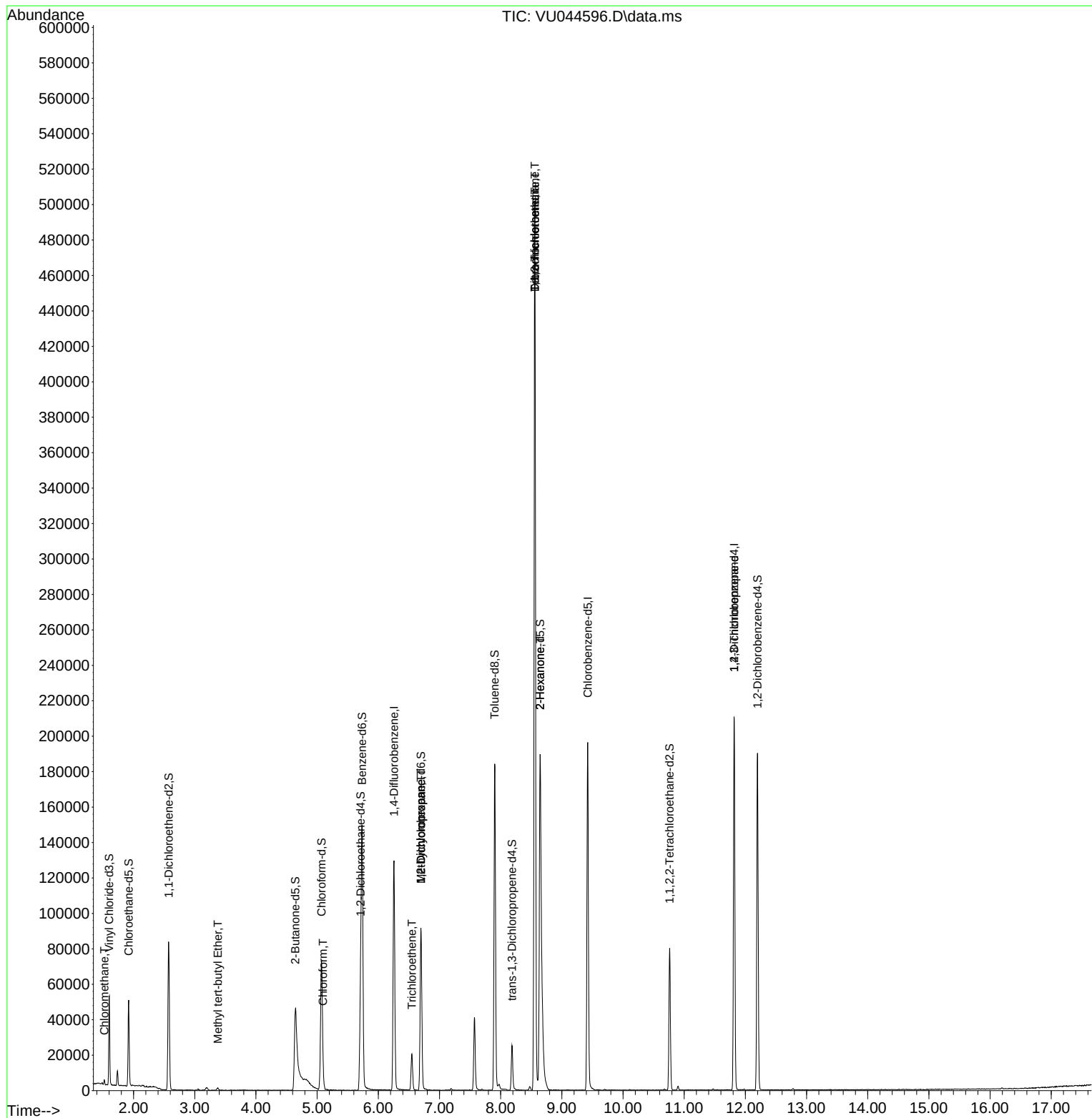
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	108799	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	112918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	57849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35658	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.919	69	35779	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.575	65	15583	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.645	46	80585	33.114	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.220%
24) Chloroform-d	5.073	84	67984	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.710	65	38215	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.735	84	142670	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.697	67	43334	4.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.902	98	125478	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.185	79	15084	4.129	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.645	63	97495	49.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	40881	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	51049	5.223	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1682	0.115	ug/L	96
17) Methyl tert-butyl Ether	3.379	73	1707	0.079	ug/L #	73
25) Chloroform	5.095	83	3220	0.186	ug/L	94
34) Trichloroethene	6.549	95	6794	0.717	ug/L	89
35) Methylcyclohexane	6.697	83	10575	0.669	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	4678	0.466	ug/L #	88
45) 1,1,2-Trichloroethane	8.558	97	844	0.118	ug/L #	1
47) Tetrachloroethene	8.558	164	110806	16.919	ug/L	97
48) 2-Hexanone	8.645	43	12482	2.568	ug/L #	74
49) Dibromochloromethane	8.558	129	105523	13.939	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	6537	0.904	ug/L #	69

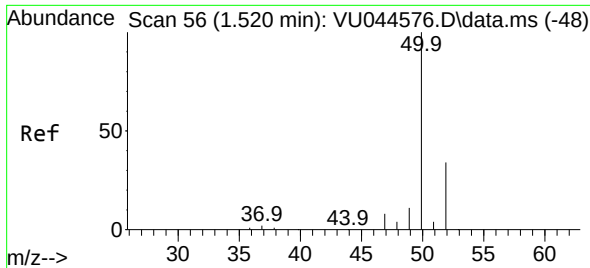
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
Data File : VU044596.D
Acq On : 07 Sep 2021 20:16
Operator : SY/MD
Sample : M3647-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 08 02:39:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 08 02:31:37 2021
Response via : Initial Calibration

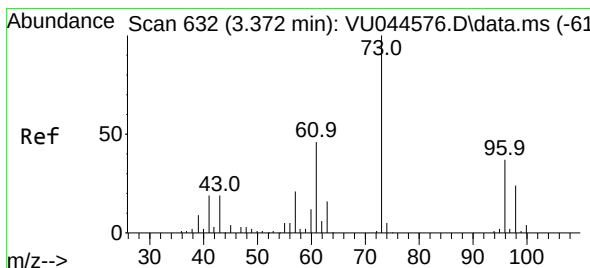
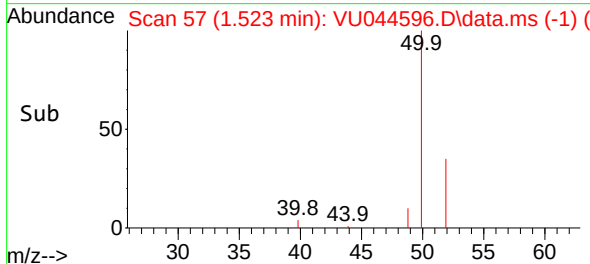
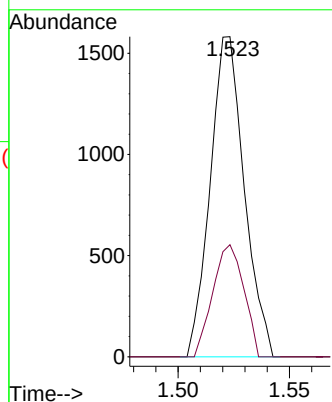
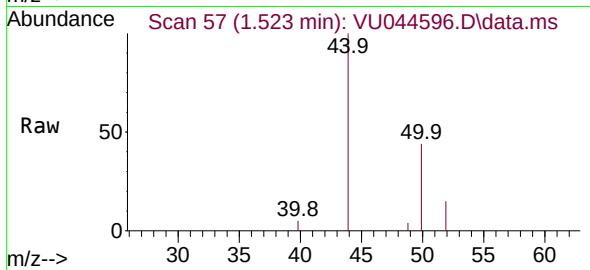




#3
Chloromethane
Concen: 0.115 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

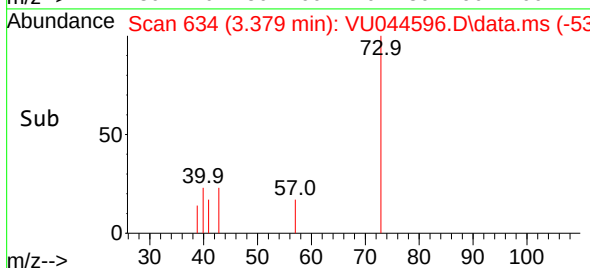
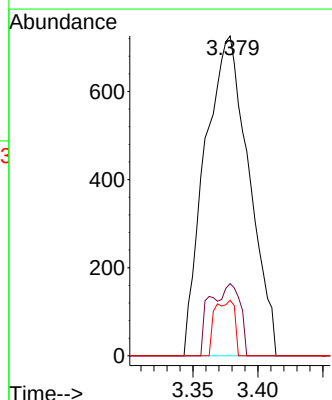
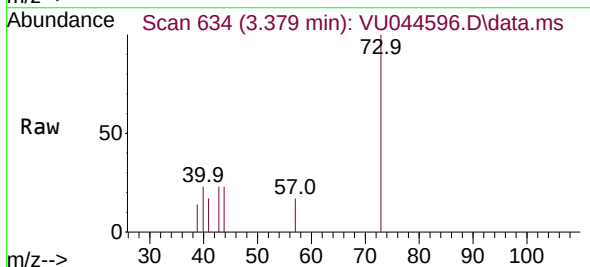
Instrument :
MSVOA_U
ClientSampled :

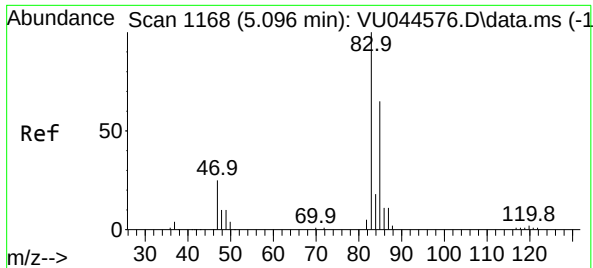
Tgt Ion: 50 Resp: 1682
Ion Ratio Lower Upper
50 100
52 35.0 22.8 42.4



#17
Methyl tert-butyl Ether
Concen: 0.079 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.006 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

Tgt Ion: 73 Resp: 1707
Ion Ratio Lower Upper
73 100
43 9.4 16.2 24.4#
57 7.8 17.8 26.8#



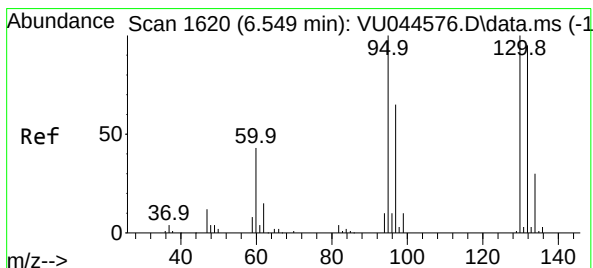
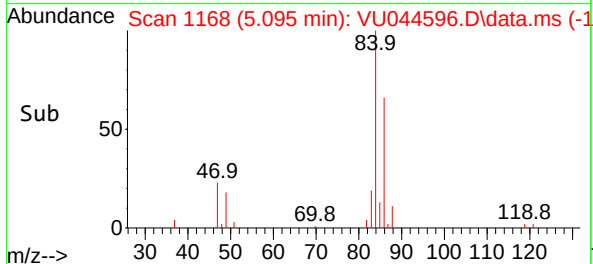
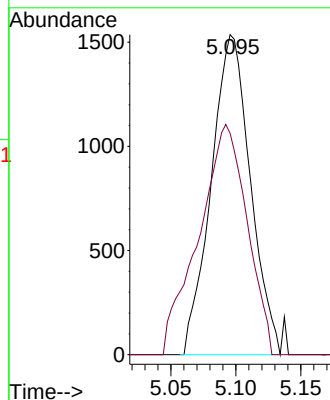
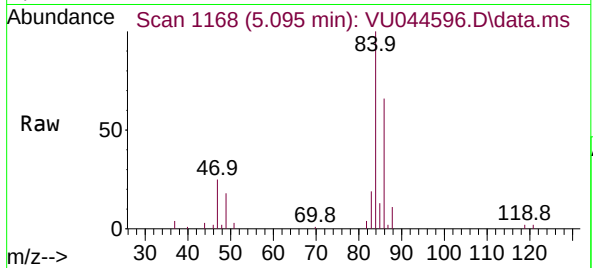


#25

Chloroform
Concen: 0.186 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

Instrument :
MSVOA_U
ClientSampled :

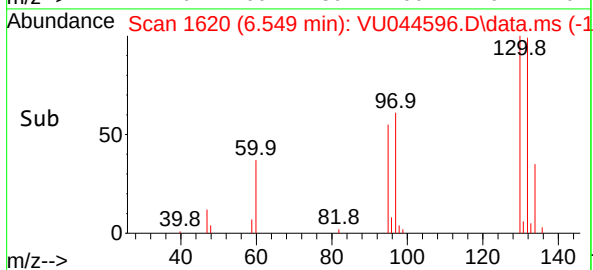
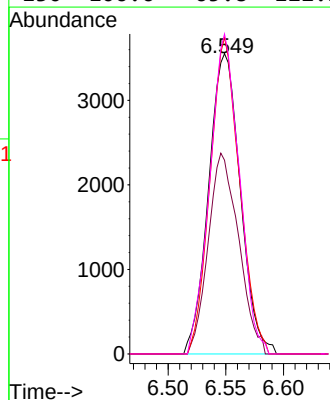
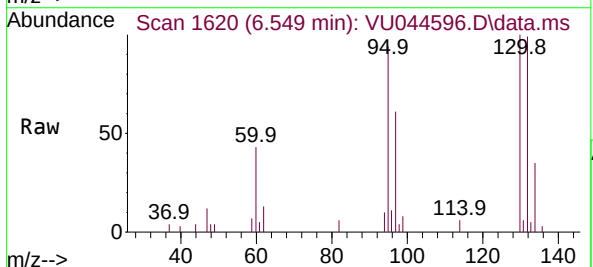
Tgt Ion: 83 Resp: 3220
Ion Ratio Lower Upper
83 100
85 69.1 45.3 84.1

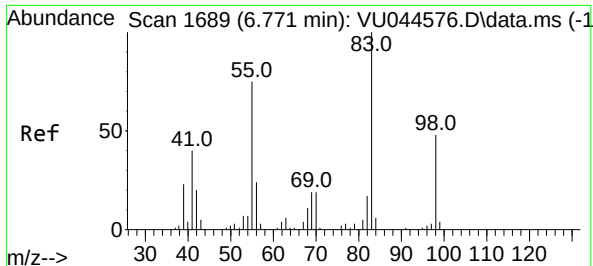


#34

Trichloroethene
Concen: 0.717 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

Tgt Ion: 95 Resp: 6794
Ion Ratio Lower Upper
95 100
97 64.5 45.6 84.8
132 105.4 63.4 117.8
130 106.6 65.8 122.2

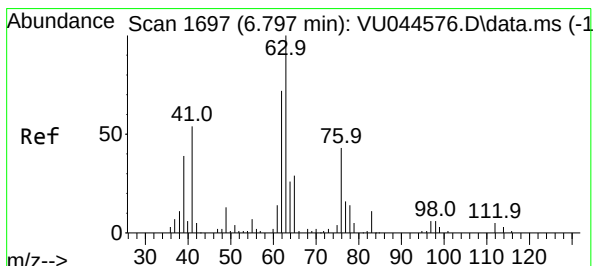
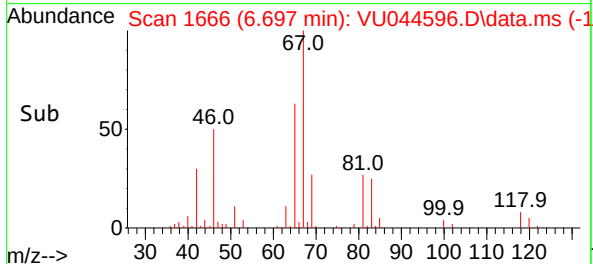
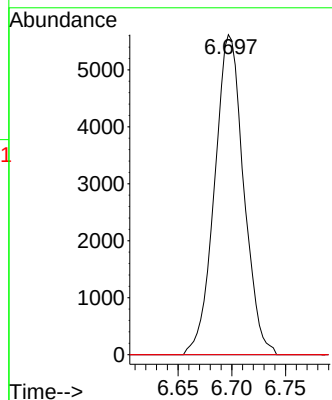
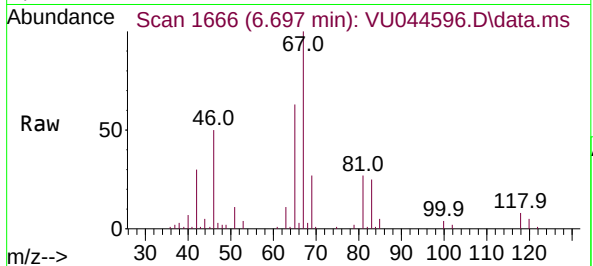




#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

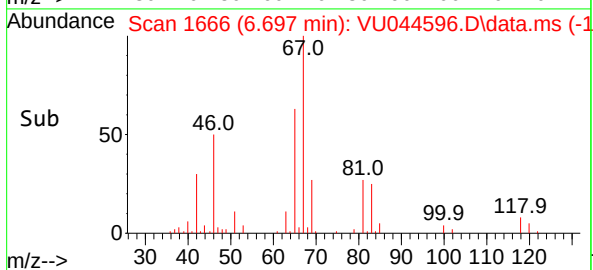
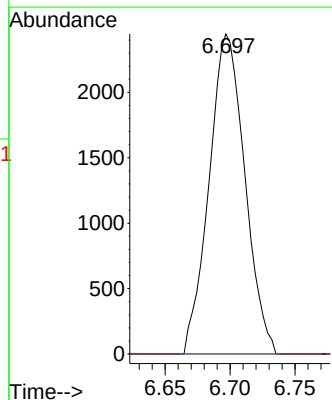
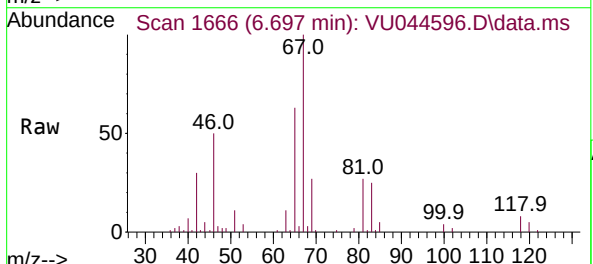
Instrument :
MSVOA_U
ClientSampled :

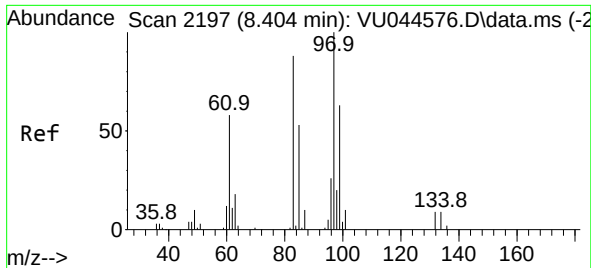
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	3.7	37.5	56.3#



#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

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





#45

1,1,2-Trichloroethane

Concen: 0.118 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.154 min

Lab File: VU044596.D

Acq: 07 Sep 2021 20:16

Tgt Ion: 97 Resp: 844

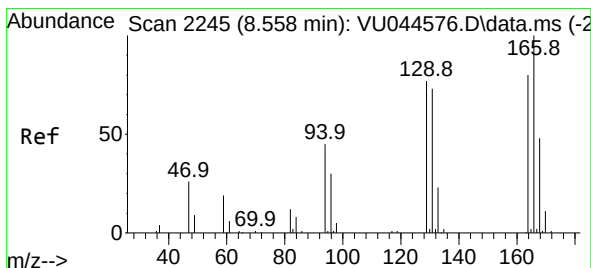
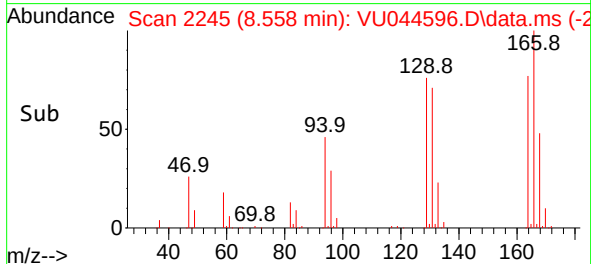
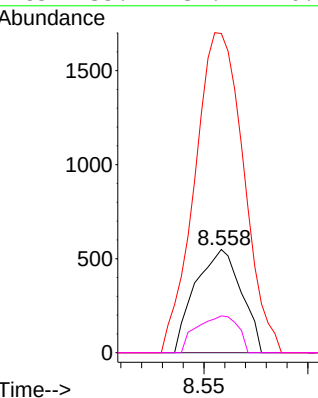
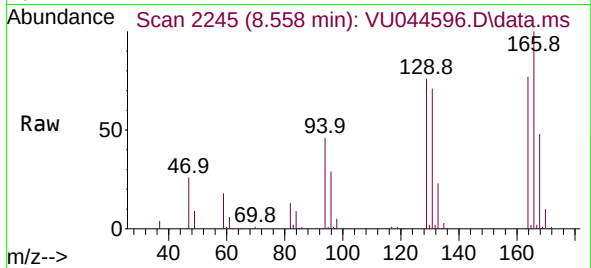
Ion Ratio Lower Upper

97 100

99 0.0 41.3 76.7#

83 309.3 58.6 108.8#

85 35.7 37.9 70.5#



#47

Tetrachloroethene

Concen: 16.919 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044596.D

Acq: 07 Sep 2021 20:16

Tgt Ion:164 Resp: 110806

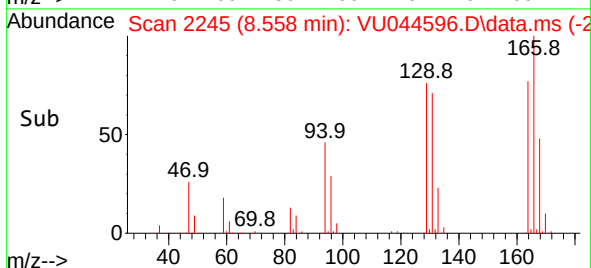
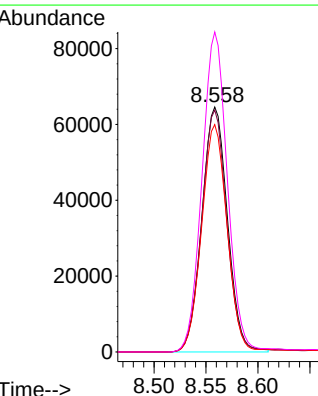
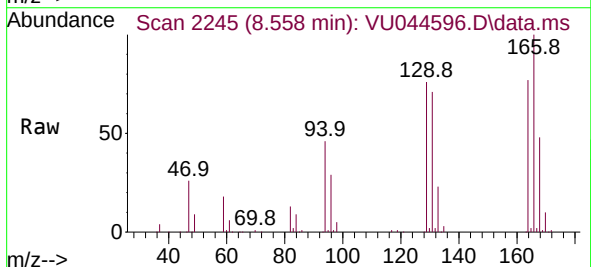
Ion Ratio Lower Upper

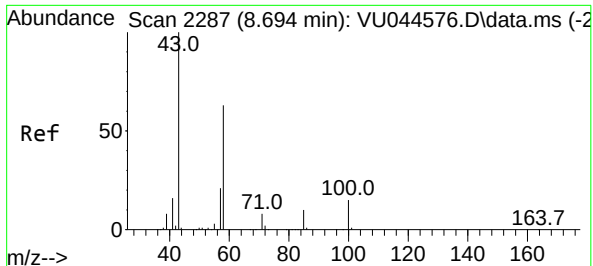
164 100

129 98.7 71.0 131.8

131 92.8 68.0 126.4

166 130.6 89.0 165.4

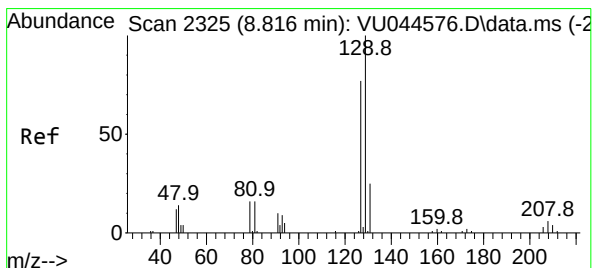
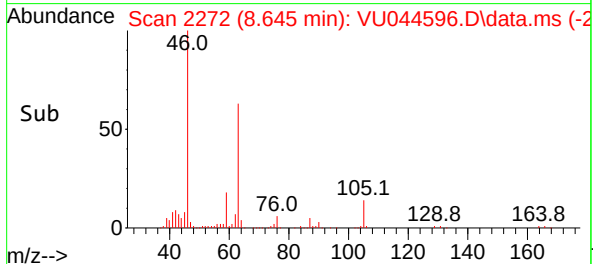
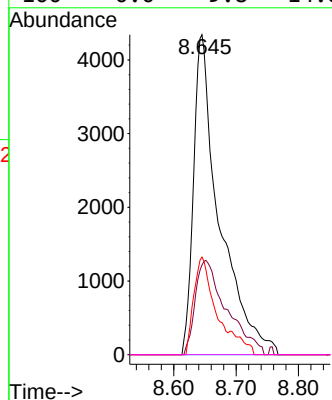
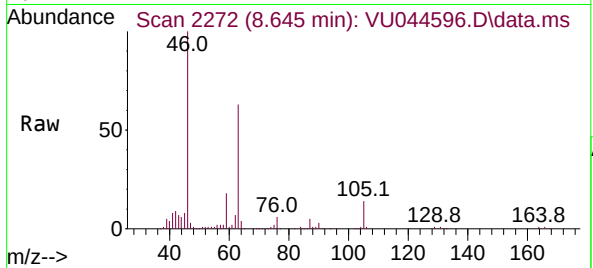




#48
2-Hexanone
Concen: 2.568 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

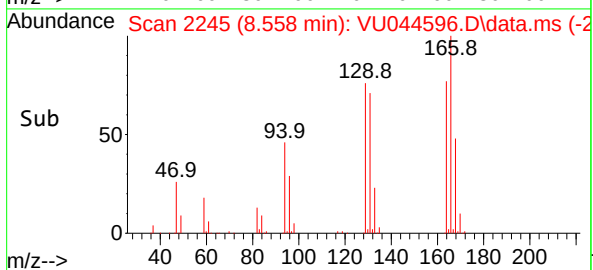
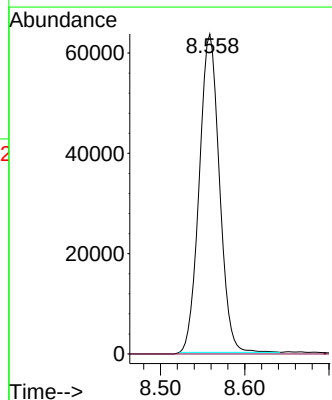
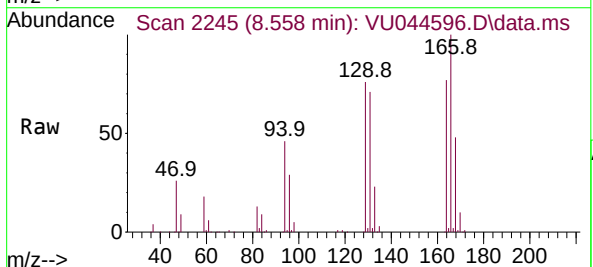
Instrument :
MSVOA_U
ClientSampled :

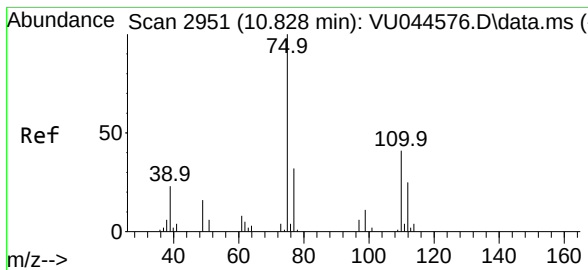
Tgt Ion:	43	Resp:	12482
Ion	Ratio	Lower	Upper
43	100		
58	35.7	46.5	69.7#
57	23.8	15.8	23.8
100	0.0	9.8	14.8#



#49
Dibromochloromethane
Concen: 13.939 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

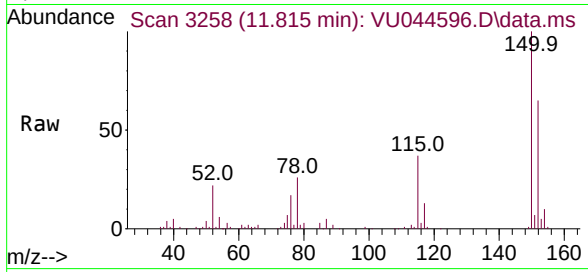
Tgt Ion:	129	Resp:	105523
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.904 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044596.D
 Acq: 07 Sep 2021 20:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6537
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.4 42.6#
 77 33.0 26.5 39.7

