

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
 Data File : VU044564.D
 Acq On : 02 Sep 2021 19:49
 Operator : SY/MD
 Sample : M3596-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 02:46:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 03 02:43:14 2021
 Response via : Initial Calibration

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

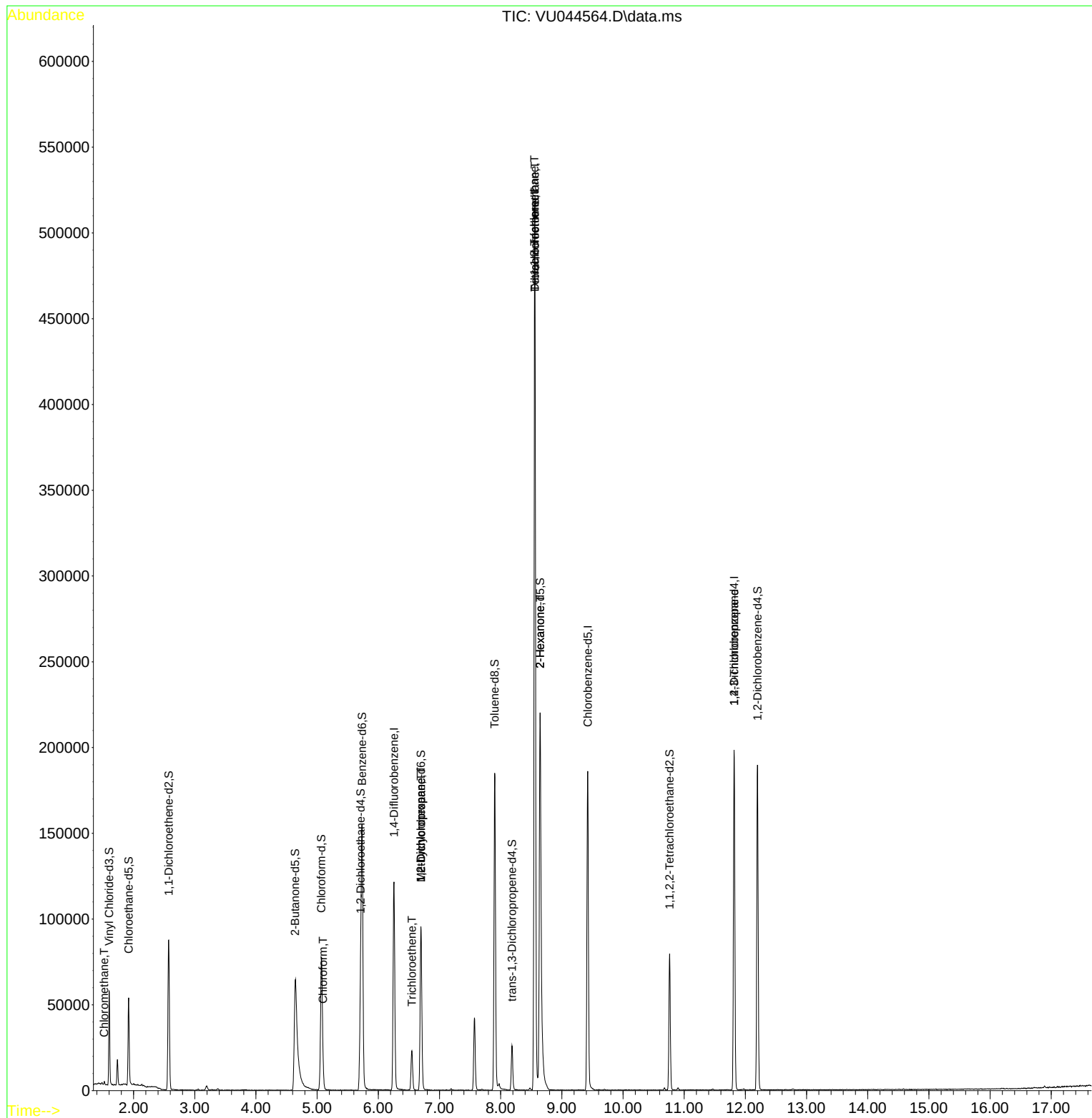
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	103259	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109643	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	53831	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39003	4.670	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.919	69	38285	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.575	65	16409	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.642	46	108258	46.872	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.740%
24) Chloroform-d	5.070	84	71492	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.710	65	39244	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.735	84	145999	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.697	67	45588	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.902	98	127011	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.185	79	15004	4.230	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.645	63	96086	50.091	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.180%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39798	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	50192	5.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1451	0.104	ug/L	94
25) Chloroform	5.095	83	5159	0.314	ug/L	86
34) Trichloroethene	6.549	95	7819	0.850	ug/L	91
35) Methylcyclohexane	6.697	83	11015	0.718	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4996	0.513	ug/L #	88
45) 1,1,2-Trichloroethane	8.552	97	977	0.141	ug/L #	5
47) Tetrachloroethene	8.558	164	115991	18.240	ug/L	96
48) 2-Hexanone	8.645	43	11087	2.349	ug/L #	66
49) Dibromochloromethane	8.558	129	109455	14.891	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	6042	0.898	ug/L #	69

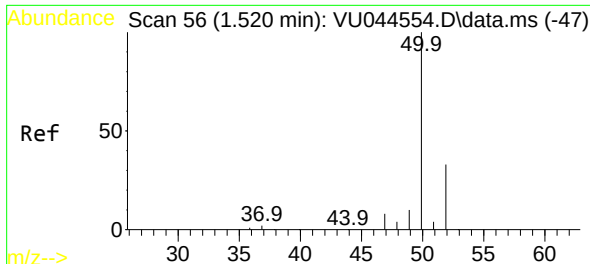
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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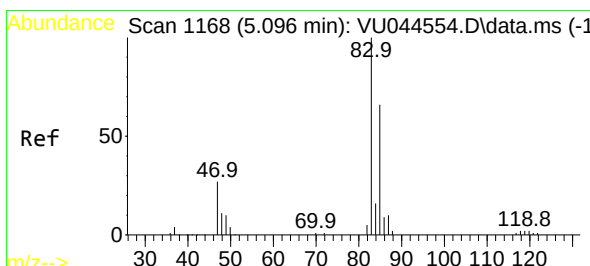
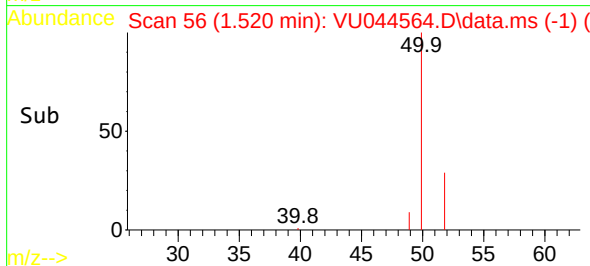
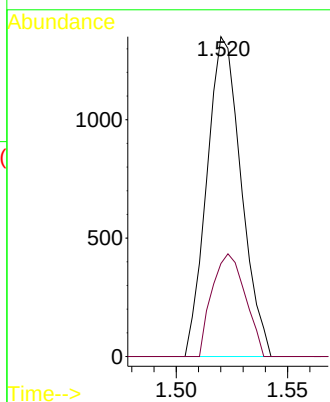
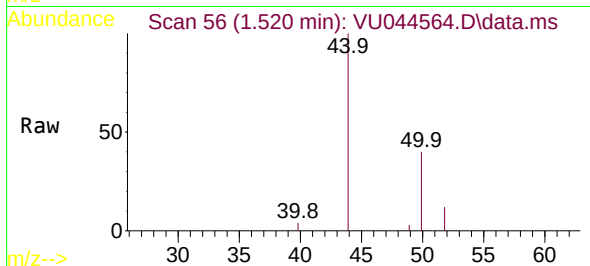




#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044564.D
Acq: 02 Sep 2021 19:49

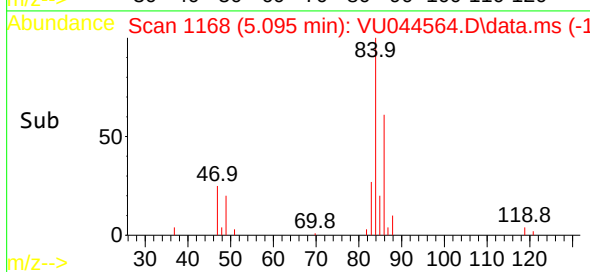
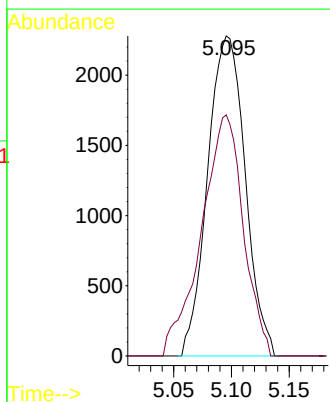
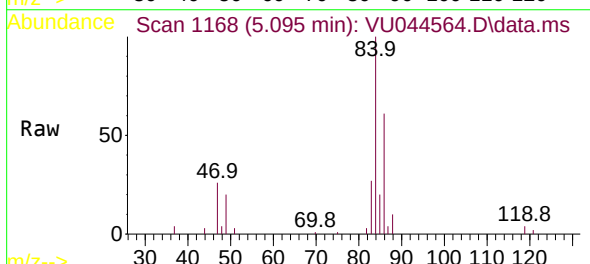
Instrument :
MSVOA_U
ClientSampled :

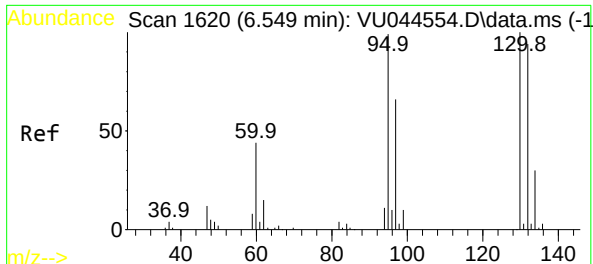
Tgt Ion: 50 Resp: 1451
Ion Ratio Lower Upper
50 100
52 29.1 22.8 42.4



#25
Chloroform
Concen: 0.314 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044564.D
Acq: 02 Sep 2021 19:49

Tgt Ion: 83 Resp: 5159
Ion Ratio Lower Upper
83 100
85 75.3 45.3 84.1

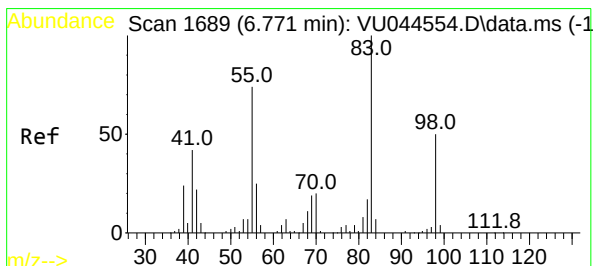
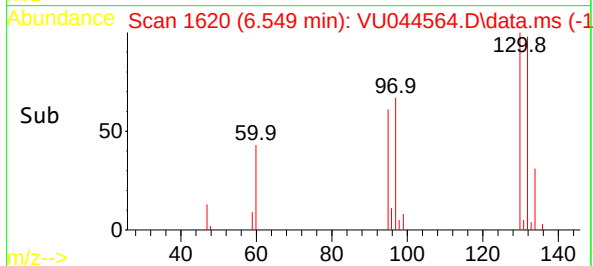
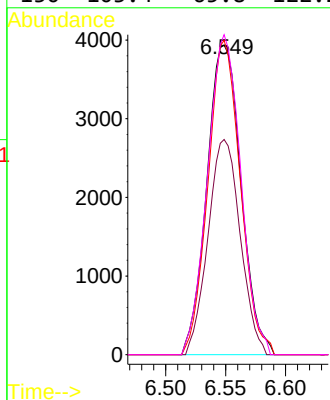
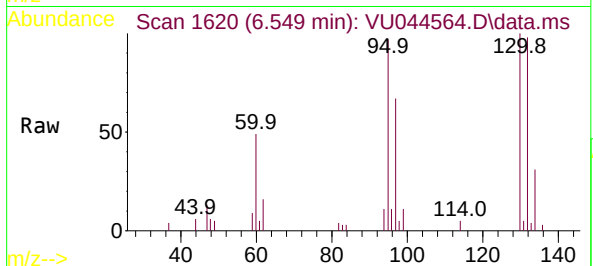




#34
Trichloroethene
Concen: 0.850 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044564.D
Acq: 02 Sep 2021 19:49

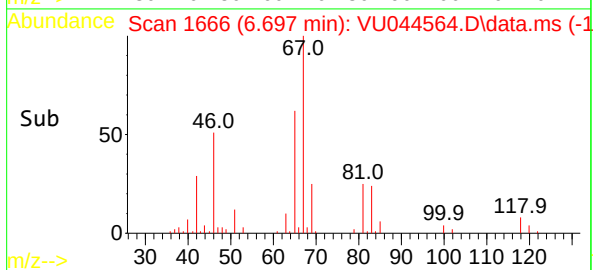
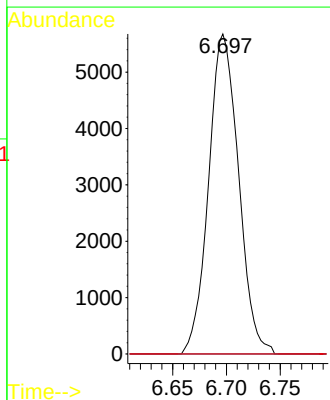
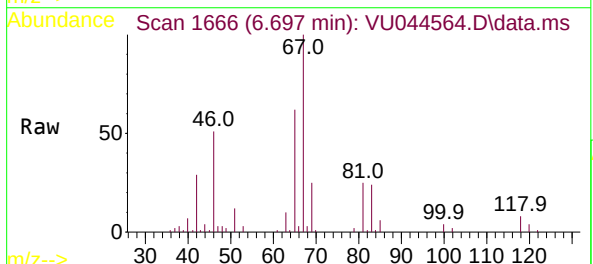
Instrument :
MSVOA_U
ClientSampleId :

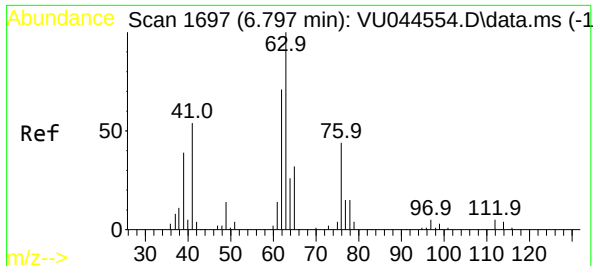
Tgt Ion:	95	Resp:	7819
Ion	Ratio	Lower	Upper
95	100		
97	69.6	45.6	84.8
132	101.6	63.4	117.8
130	103.4	65.8	122.2



#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044564.D
Acq: 02 Sep 2021 19:49

Tgt Ion:	83	Resp:	11015
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	2.4	37.5	56.3#



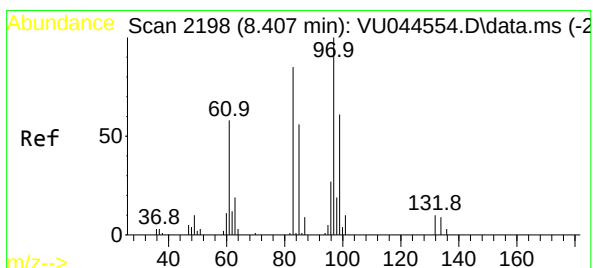
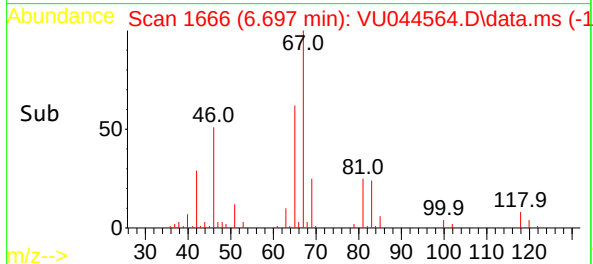
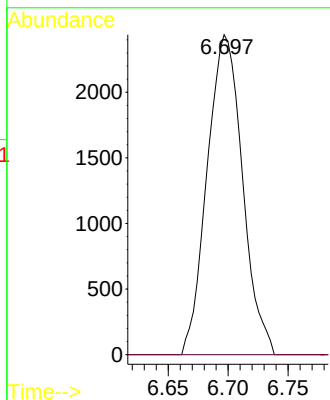
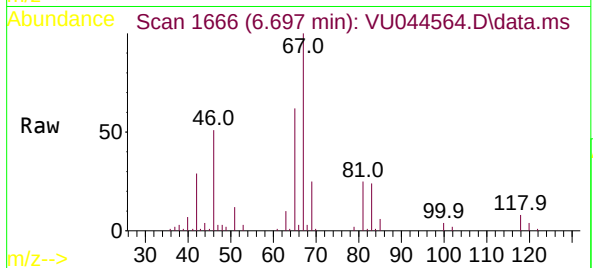


#37

1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044564.D
Acq: 02 Sep 2021 19:49

Instrument :
MSVOA_U
ClientSampleId :

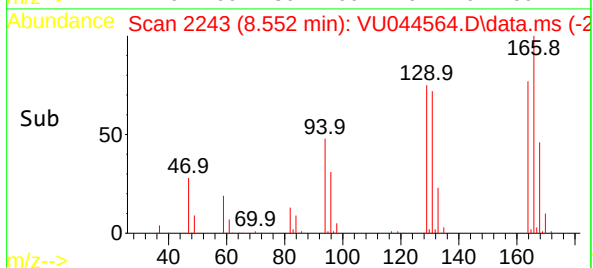
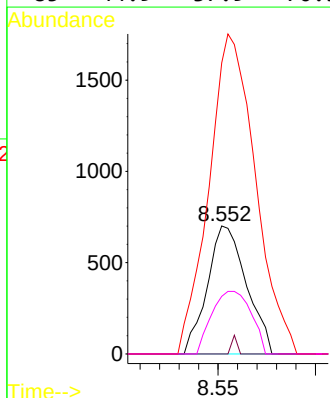
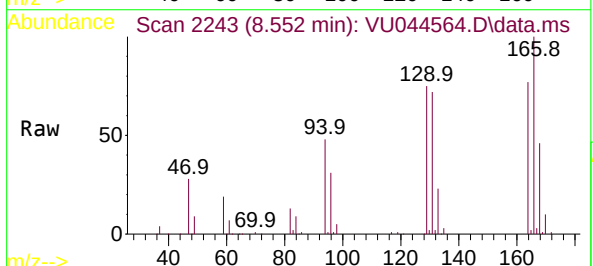
Tgt Ion: 63 Resp: 4996
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

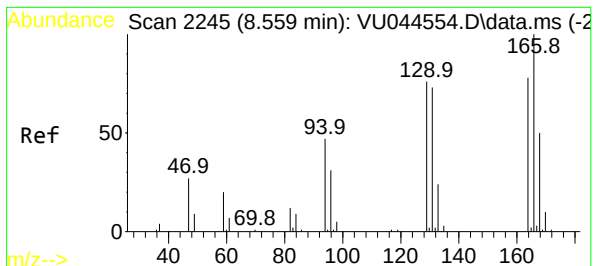


#45

1,1,2-Trichloroethane
Concen: 0.141 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.144 min
Lab File: VU044564.D
Acq: 02 Sep 2021 19:49

Tgt Ion: 97 Resp: 977
Ion Ratio Lower Upper
97 100
99 0.0 41.3 76.7#
83 227.4 58.6 108.8#
85 44.9 37.9 70.5



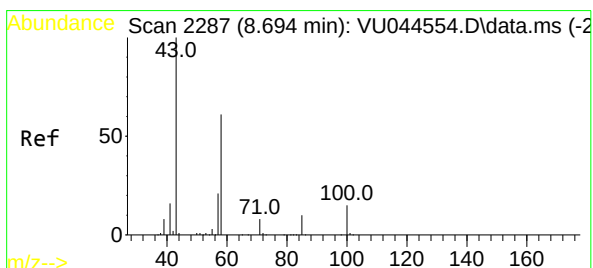
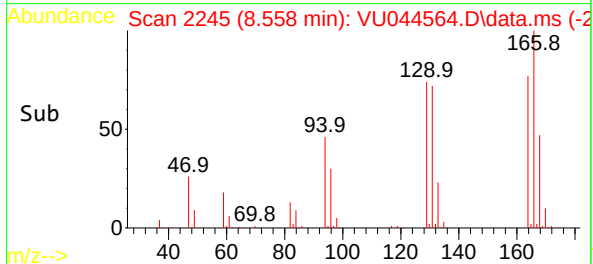
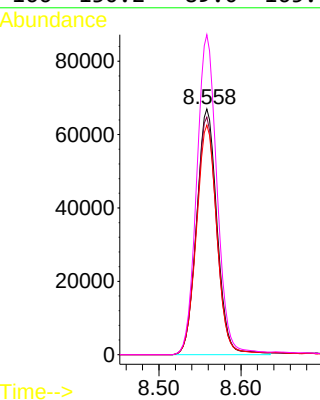
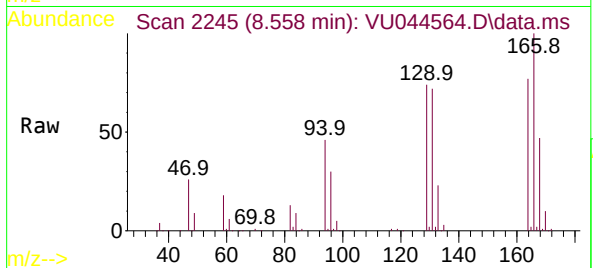


#47
Tetrachloroethene
Concen: 18.240 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044564.D
Acq: 02 Sep 2021 19:49

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 115991

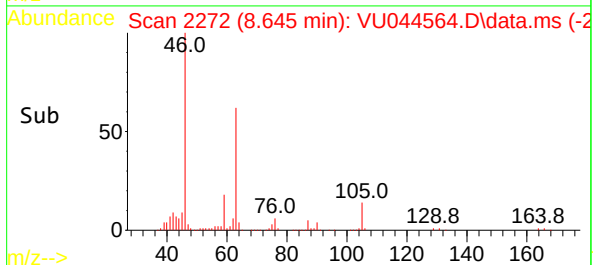
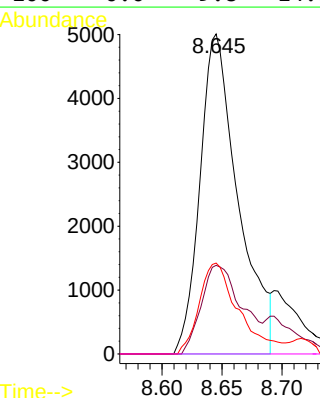
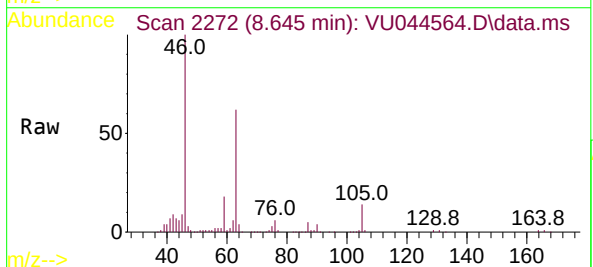
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.0	131.8
131	93.4	68.0	126.4
166	130.2	89.0	165.4

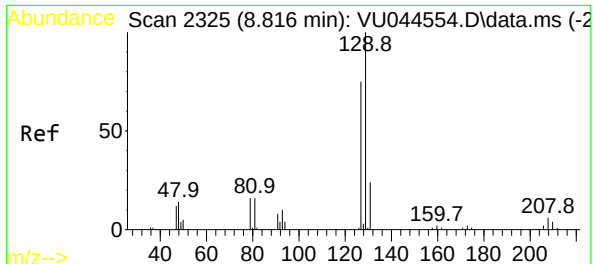


#48
2-Hexanone
Concen: 2.349 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044564.D
Acq: 02 Sep 2021 19:49

Tgt Ion: 43 Resp: 11087

Ion	Ratio	Lower	Upper
43	100		
58	29.8	46.5	69.7#
57	29.7	15.8	23.8#
100	0.0	9.8	14.8#





#49

Dibromochloromethane

Concen: 14.891 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU044564.D

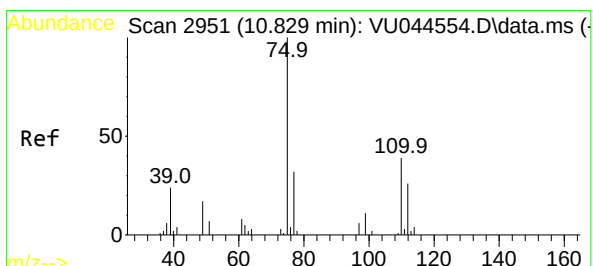
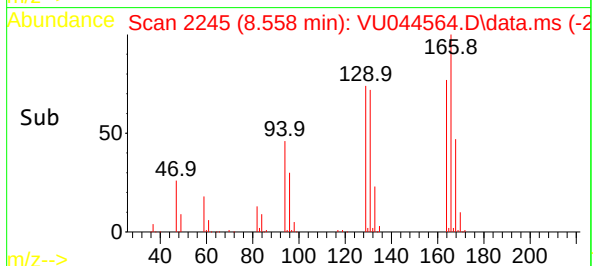
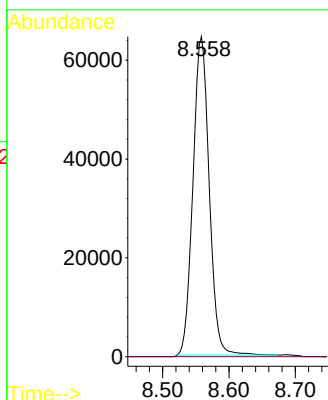
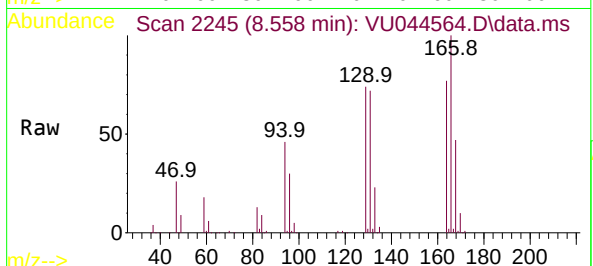
Acq: 02 Sep 2021 19:49

Tgt Ion:129 Resp: 109455

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.898 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.987 min

Lab File: VU044564.D

Acq: 02 Sep 2021 19:49

Tgt Ion: 75 Resp: 6042

Ion Ratio Lower Upper

75 100

110 1.5 28.4 42.6#

77 34.1 26.5 39.7

