

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044499.D
 Acq On : 23 Aug 2021 13:52
 Operator : SY/MD
 Sample : M3515-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4558

Quant Time: Aug 24 03:59:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 03:56:17 2021
 Response via : Initial Calibration

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

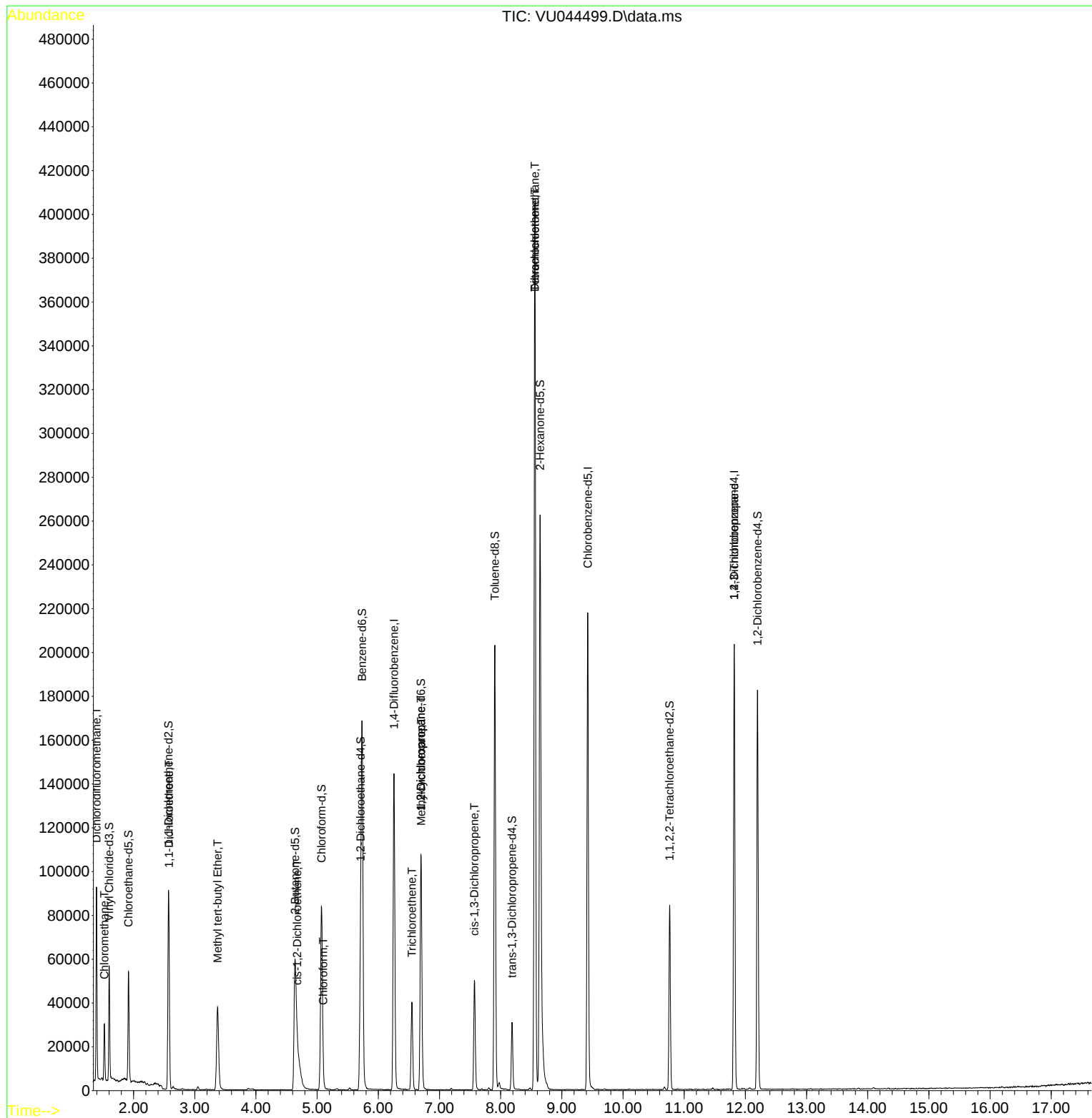
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	113895	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	114966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	51888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36796	3.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.916	69	36219	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.572	65	17497	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.639	46	133465	52.390	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.780%
24) Chloroform-d	5.073	84	78141	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.710	65	44794	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.735	84	156157	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.697	67	51406	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.906	98	131248	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.185	79	17512	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.645	63	110564	54.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.940%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43121	4.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	45205	5.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1281	0.109	ug/L	99
3) Chloromethane	1.523	50	17781	1.159	ug/L	97
12) 1,1-Dichloroethene	2.578	96	904	0.103	ug/L #	1
17) Methyl tert-butyl Ether	3.372	73	42423	1.874	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	2592	0.266	ug/L	97
25) Chloroform	5.099	83	3125	0.172	ug/L	99
34) Trichloroethene	6.549	95	13619	1.412	ug/L	97
35) Methylcyclohexane	6.703	83	11968	0.744	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	5305	0.519	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1216	0.085	ug/L #	71
47) Tetrachloroethene	8.558	164	85055	12.756	ug/L	98
49) Dibromochloromethane	8.558	129	83181	10.792	ug/L #	10
61) 1,2,3-Trichloropropane	11.819	75	7343	1.132	ug/L #	69

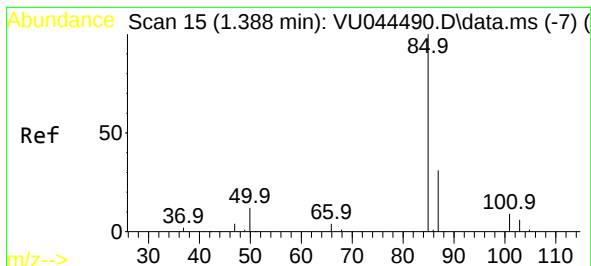
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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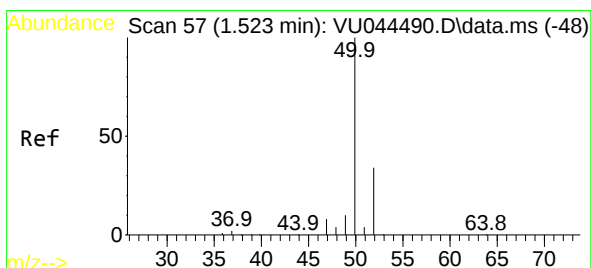
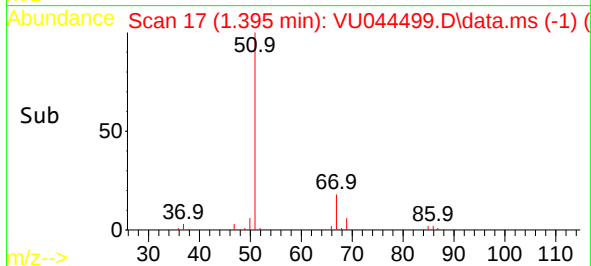
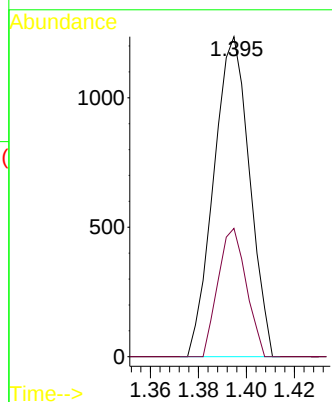
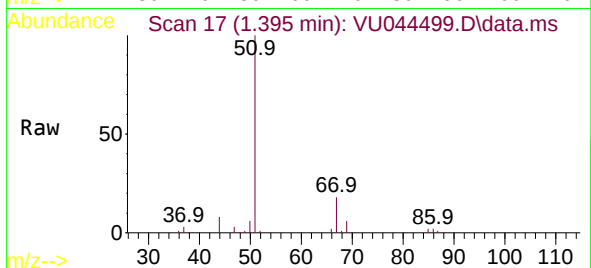




#2
Dichlorodifluoromethane
Concen: 0.109 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

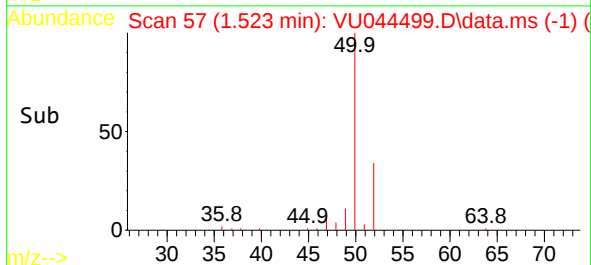
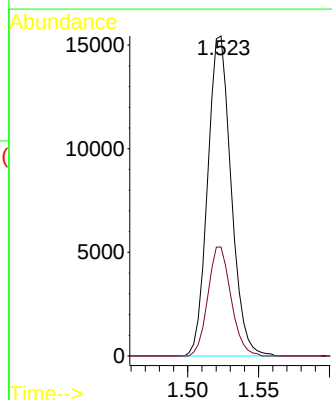
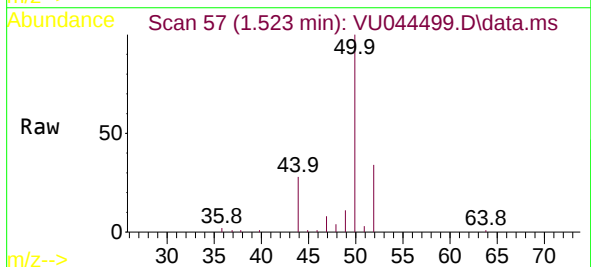
Instrument :
MSVOA_U
ClientSampled :
H4558

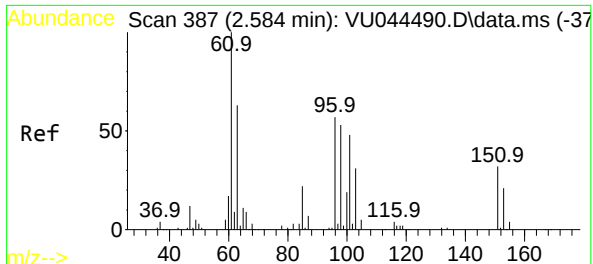
Tgt Ion: 85 Resp: 1281
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5



#3
Chloromethane
Concen: 1.159 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Tgt Ion: 50 Resp: 17781
Ion Ratio Lower Upper
50 100
52 34.1 22.8 42.4





#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.006 min

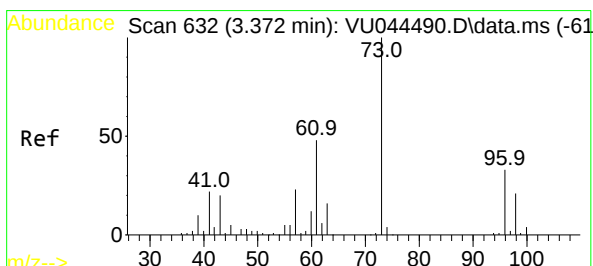
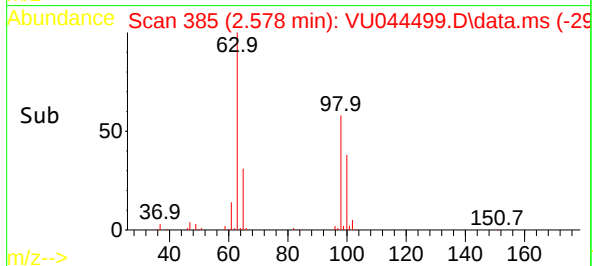
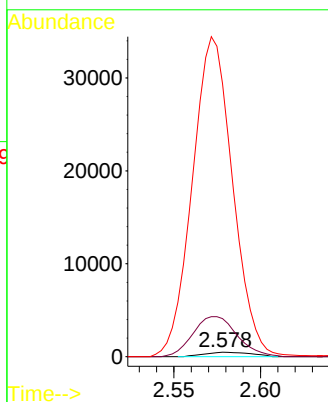
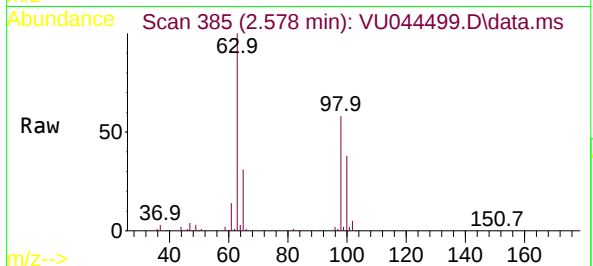
Lab File: VU044499.D

Acq: 23 Aug 2021 13:52

Tgt Ion: 96 Resp: 904

Ion	Ratio	Lower	Upper
96	100		
61	858.8	126.1	234.3#
63	6149.0	84.8	157.6#

Instrument :
MSVOA_U
ClientSampleId :
H4558



#17

Methyl tert-butyl Ether

Concen: 1.874 ug/L

RT: 3.372 min Scan# 632

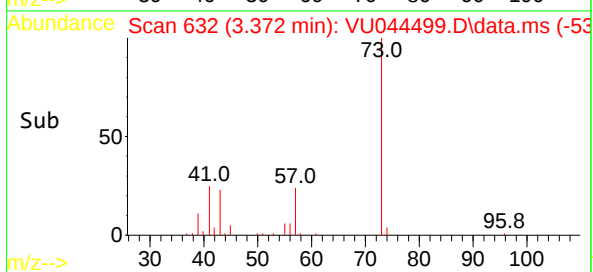
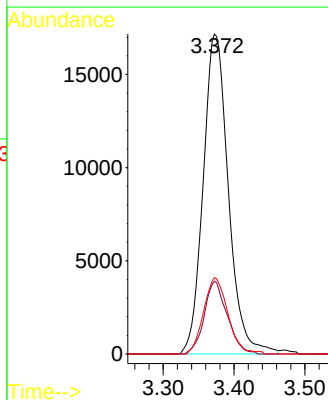
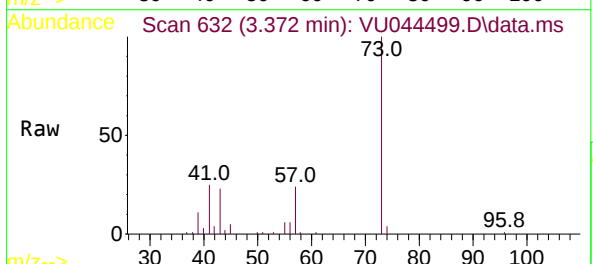
Delta R.T. 0.000 min

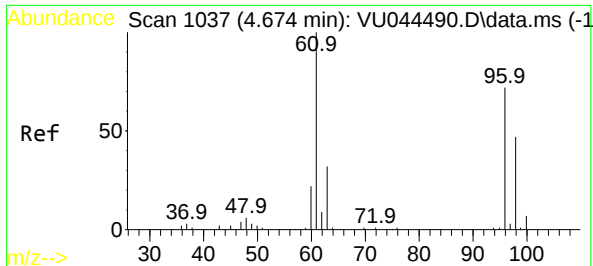
Lab File: VU044499.D

Acq: 23 Aug 2021 13:52

Tgt Ion: 73 Resp: 42423

Ion	Ratio	Lower	Upper
73	100		
43	20.7	16.2	24.4
57	22.9	17.8	26.8

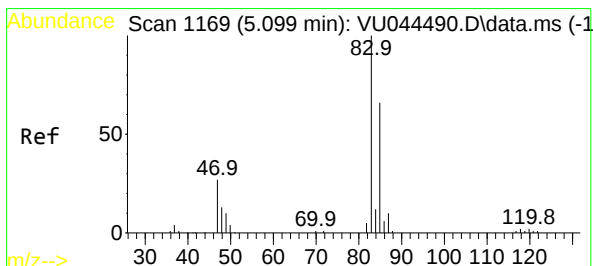
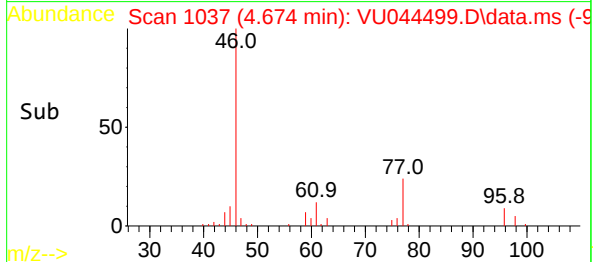
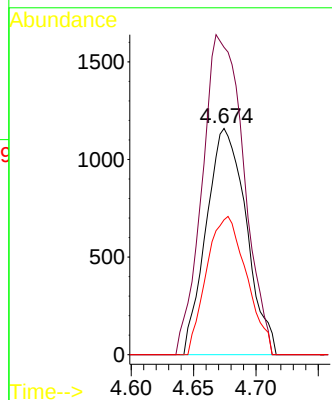
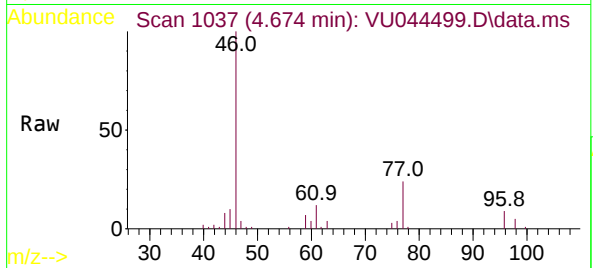




#22
cis-1,2-Dichloroethene
Concen: 0.266 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

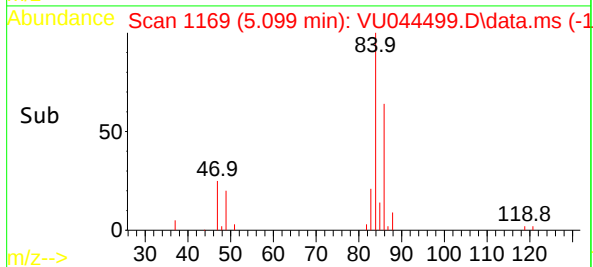
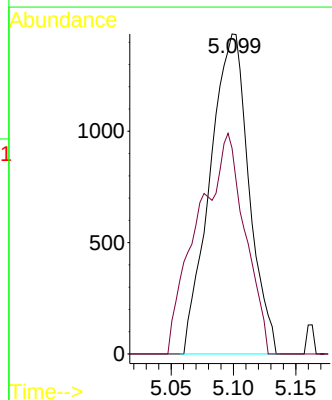
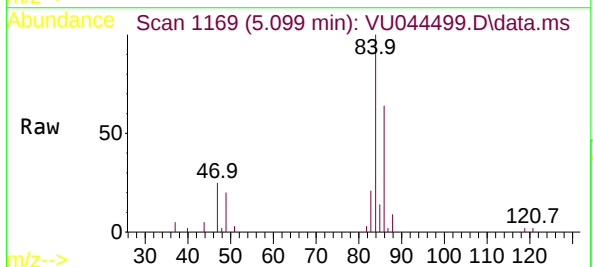
Instrument :
MSVOA_U
ClientSampleId :
H4558

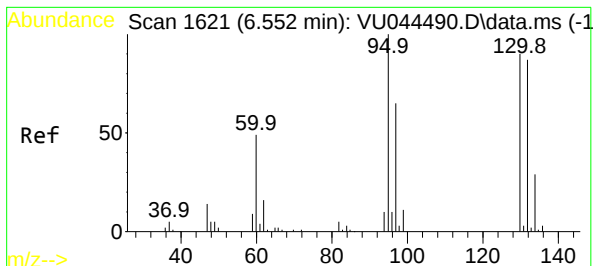
Tgt Ion:	96	Resp:	2592
Ion	Ratio	Lower	Upper
96	100		
61	135.8	93.9	174.5
98	59.6	44.7	83.1



#25
Chloroform
Concen: 0.172 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Tgt Ion:	83	Resp:	3125
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.3	84.1



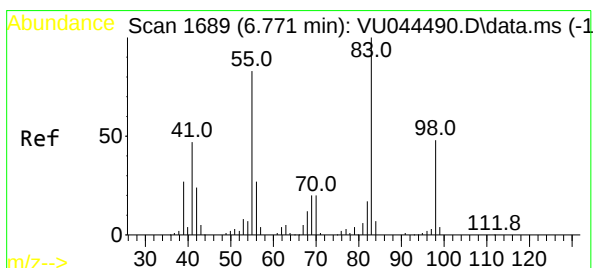
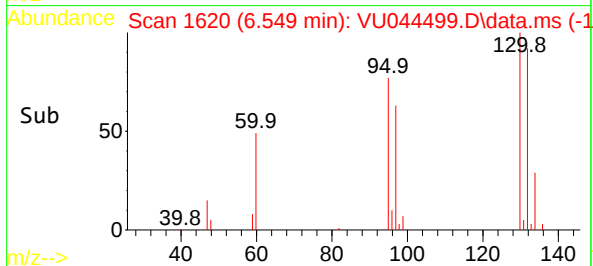
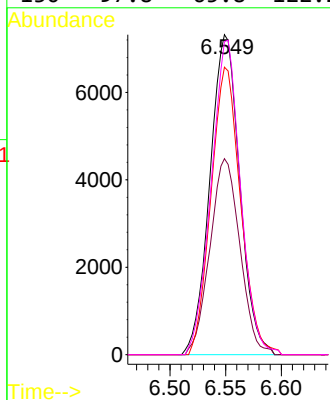
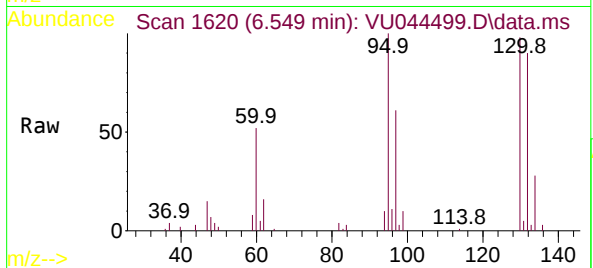


#34
Trichloroethene
Concen: 1.412 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Instrument :
MSVOA_U
ClientSampleId :
H4558

Tgt Ion: 95 Resp: 13619

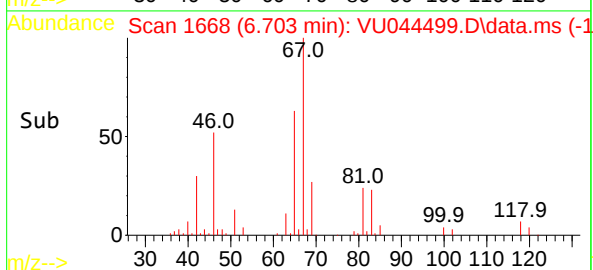
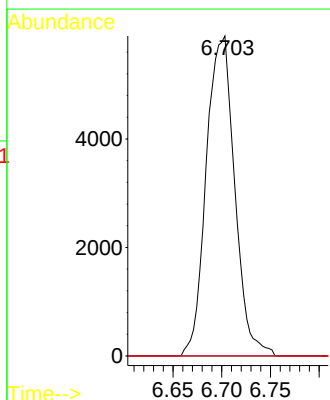
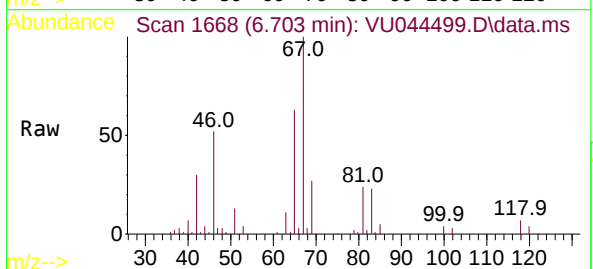
Ion	Ratio	Lower	Upper
95	100		
97	61.3	45.6	84.8
132	89.8	63.4	117.8
130	97.8	65.8	122.2

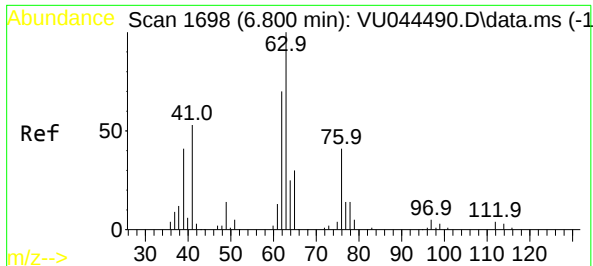


#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.067 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Tgt Ion: 83 Resp: 11968

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

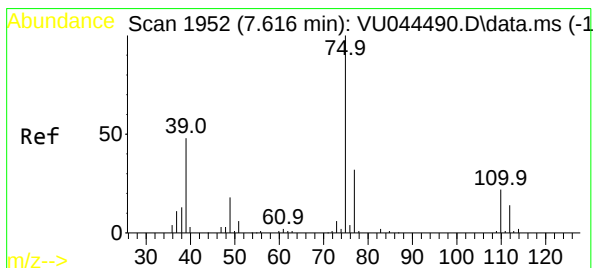
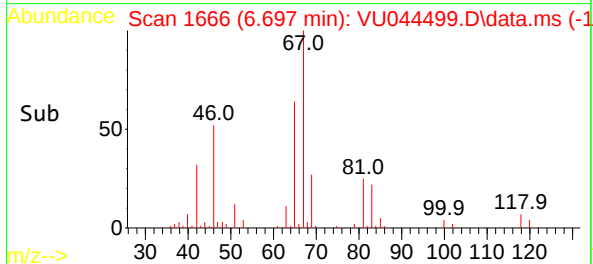
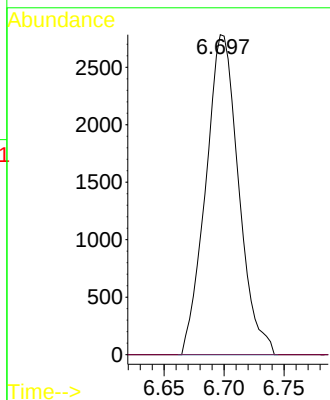
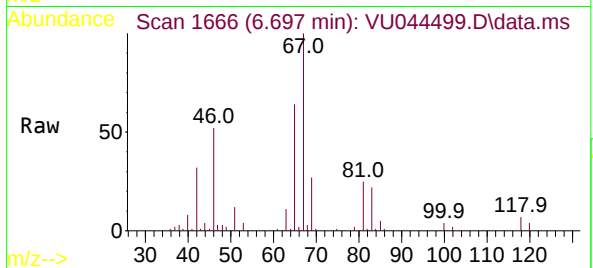




#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

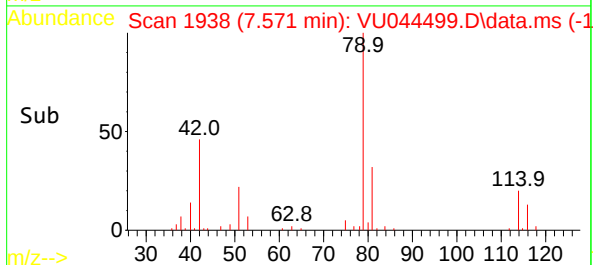
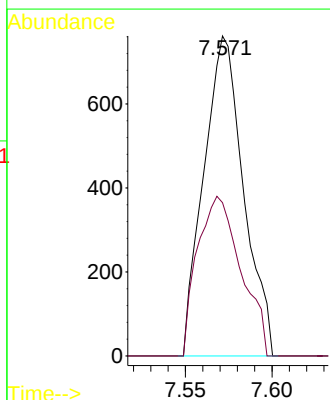
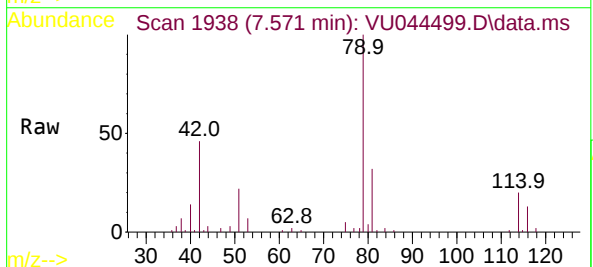
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MSVOA_U
ClientSampleId :
H4558

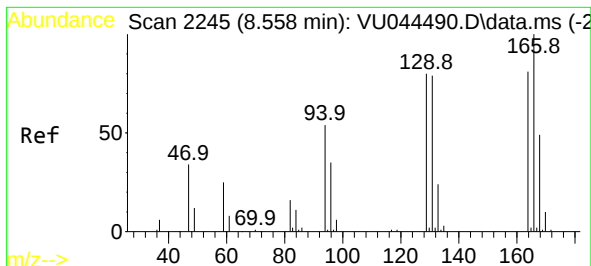
Tgt Ion: 63 Resp: 5305
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Tgt Ion: 75 Resp: 1216
Ion Ratio Lower Upper
75 100
77 47.9 22.2 41.2#





#47

Tetrachloroethene

Concen: 12.756 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU044499.D

Acq: 23 Aug 2021 13:52

Instrument :

MSVOA_U

ClientSampleId :

H4558

Tgt Ion:164 Resp: 85055

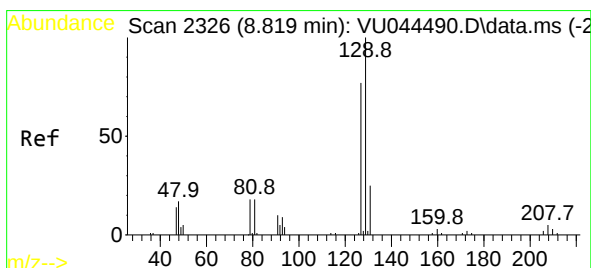
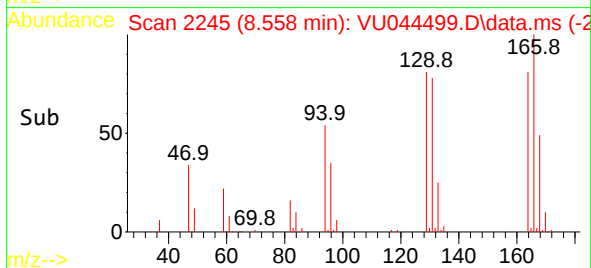
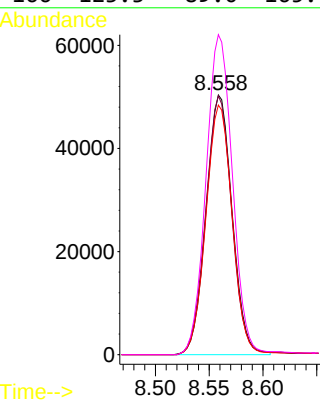
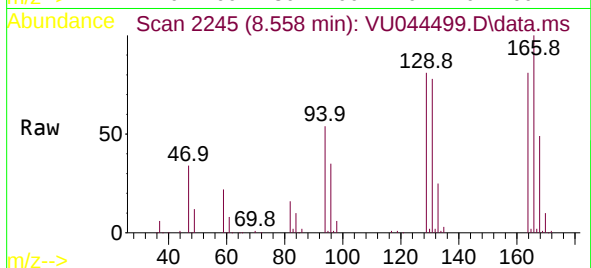
Ion Ratio Lower Upper

164 100

129 99.7 71.0 131.8

131 96.2 68.0 126.4

166 123.3 89.0 165.4



#49

Dibromochloromethane

Concen: 10.792 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU044499.D

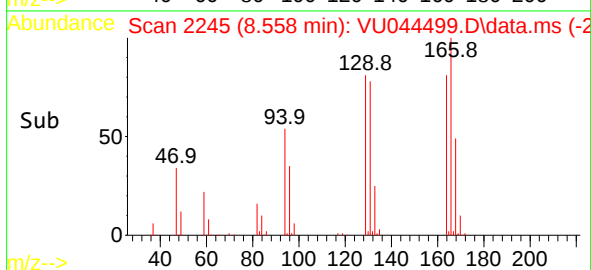
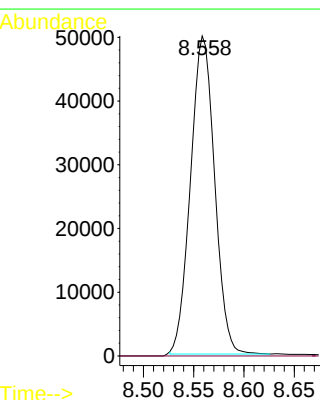
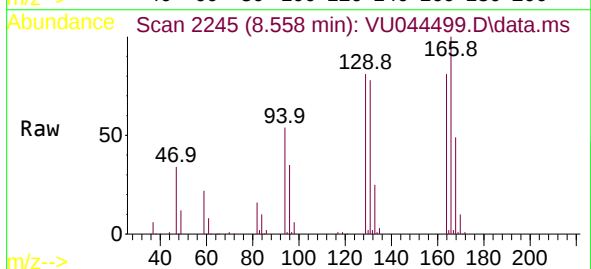
Acq: 23 Aug 2021 13:52

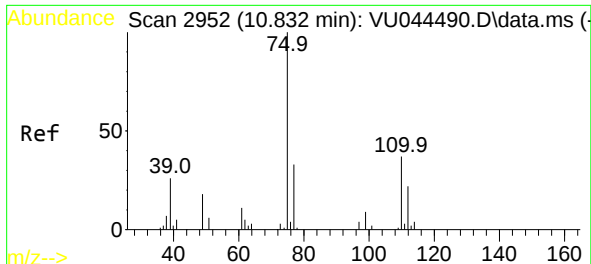
Tgt Ion:129 Resp: 83181

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.132 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU044499.D
 Acq: 23 Aug 2021 13:52

Instrument :
 MSVOA_U
 ClientSampleId :
 H4558

Tgt Ion: 75 Resp: 7343
 Ion Ratio Lower Upper
 75 100
 110 0.9 28.4 42.6#
 77 33.8 26.5 39.7

