

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044498.D
 Acq On : 23 Aug 2021 13:28
 Operator : SY/MD
 Sample : M3515-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4557

Quant Time: Aug 24 03:59:11 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	118282	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	118013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53131	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38113	3.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.919	69	36724	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.572	65	17807	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.642	46	134353	50.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	5.073	84	79447	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.710	65	43145	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.735	84	157595	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.697	67	51785	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.906	98	131617	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.186	79	17700	4.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.645	63	108580	52.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.180%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43063	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	45625	5.083	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%

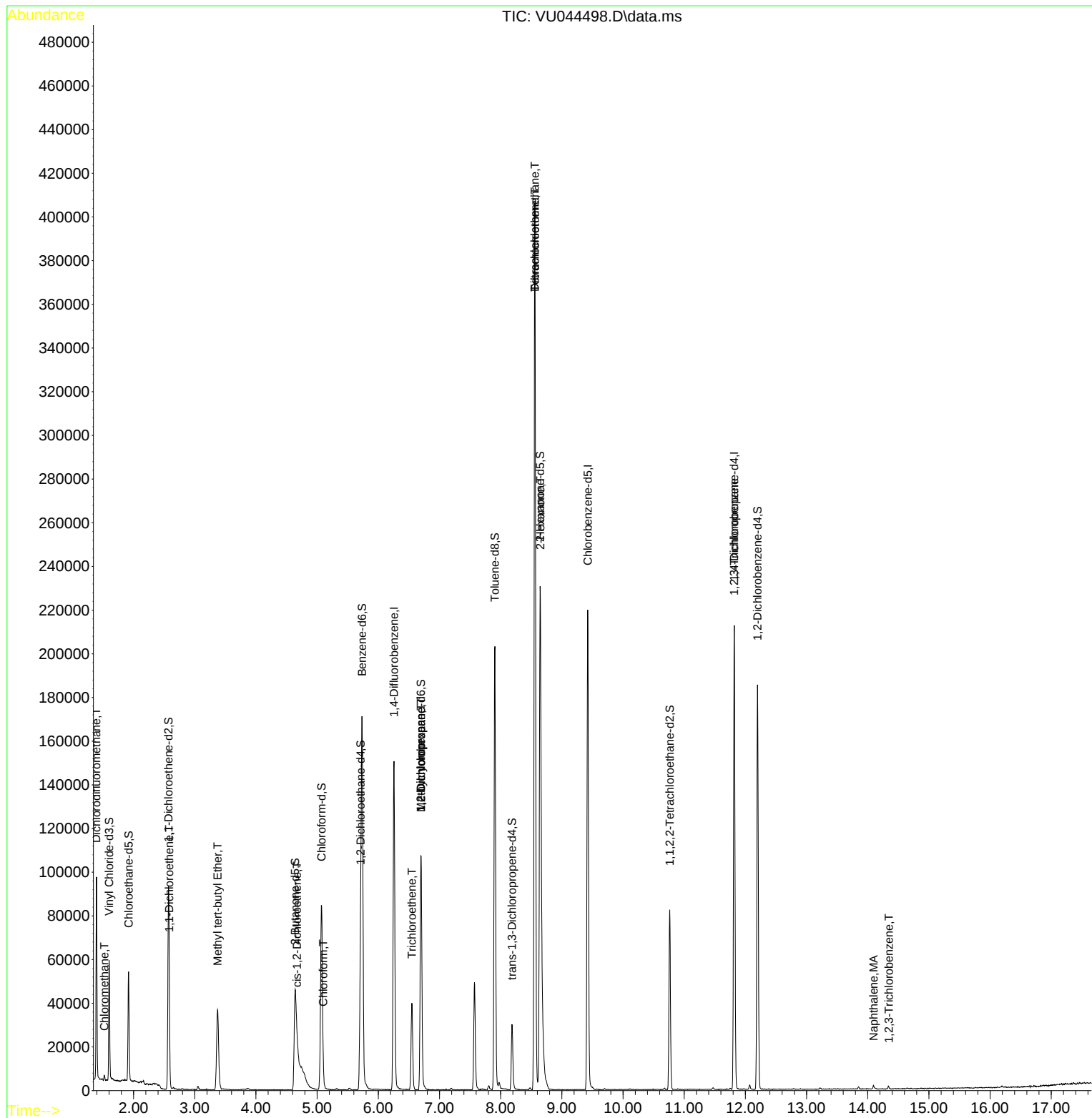
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.392	85	1356	0.111	ug/L	100
3) Chloromethane	1.523	50	1487	0.093	ug/L	95
12) 1,1-Dichloroethene	2.584	96	920	0.101	ug/L #	1
17) Methyl tert-butyl Ether	3.372	73	40781	1.735	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	2652	0.262	ug/L	98
25) Chloroform	5.099	83	2941	0.156	ug/L	93
34) Trichloroethene	6.549	95	13549	1.369	ug/L	98
35) Methylcyclohexane	6.700	83	12114	0.734	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	5571	0.531	ug/L #	88
47) Tetrachloroethene	8.558	164	84653	12.368	ug/L	99
48) 2-Hexanone	8.649	43	11706	2.305	ug/L #	71
49) Dibromochloromethane	8.558	129	83831	10.596	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	7454	1.123	ug/L #	69
71) Naphthalene	14.095	128	2068	0.115	ug/L #	82
72) 1,2,3-Trichlorobenzene	14.346	180	477	0.055	ug/L #	84

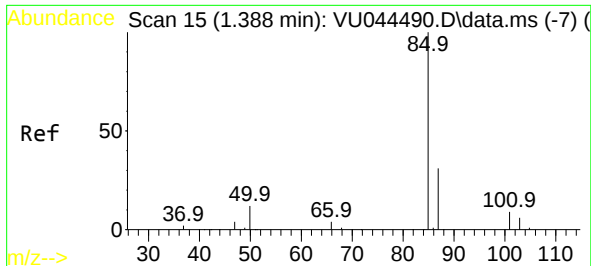
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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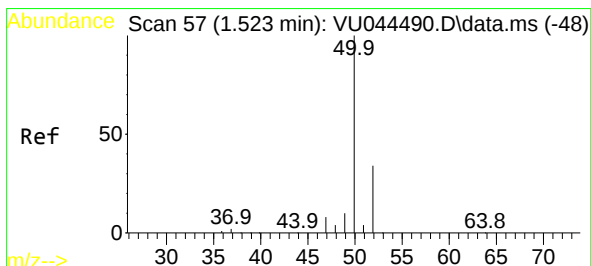
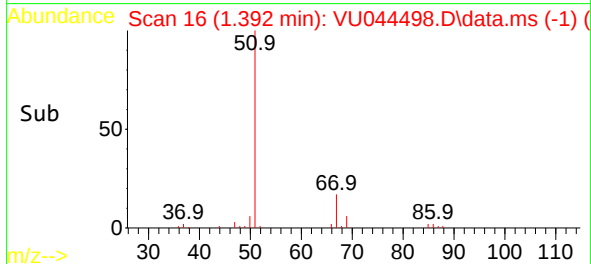
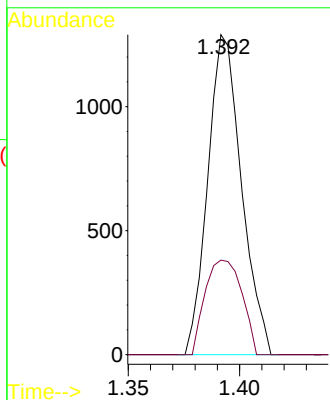
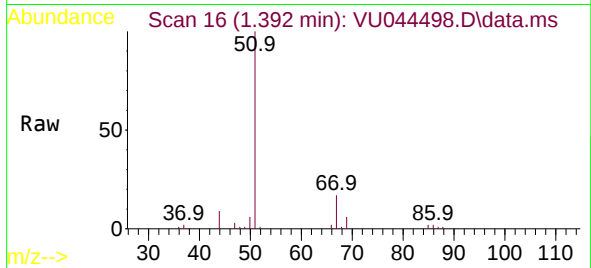




#2
Dichlorodifluoromethane
Concen: 0.111 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

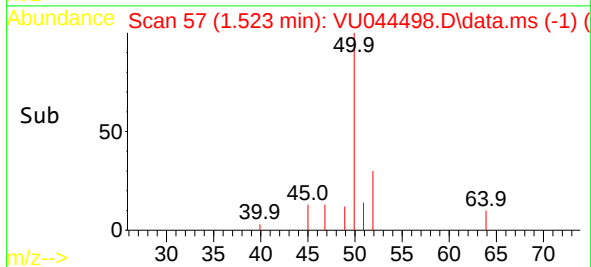
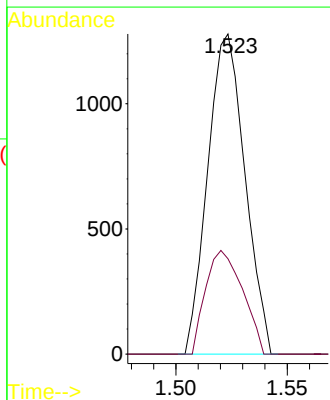
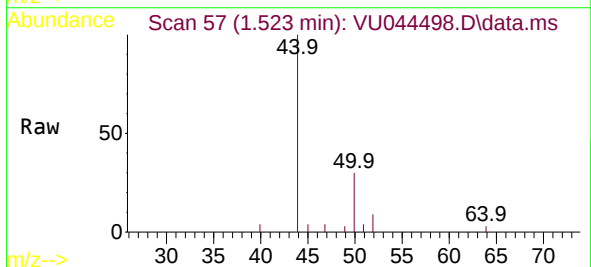
Instrument :
MSVOA_U
ClientSampled :
H4557

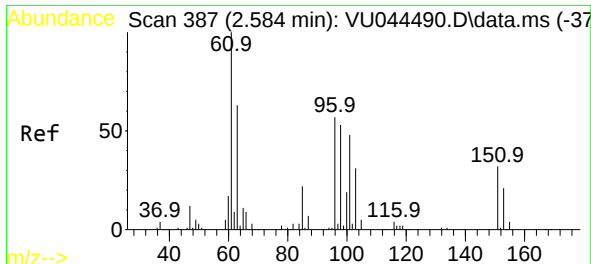
Tgt Ion: 85 Resp: 1356
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Tgt Ion: 50 Resp: 1487
Ion Ratio Lower Upper
50 100
52 29.8 22.8 42.4





#12

1,1-Dichloroethene

Concen: 0.101 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU044498.D

Acq: 23 Aug 2021 13:28

Instrument :

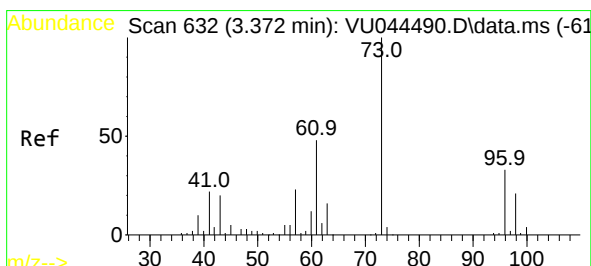
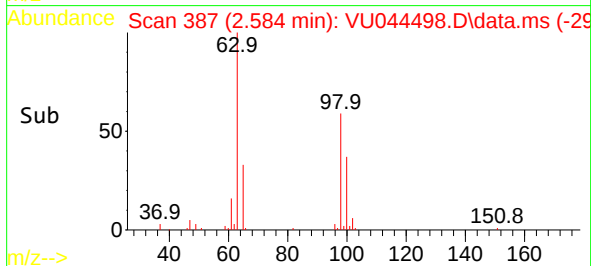
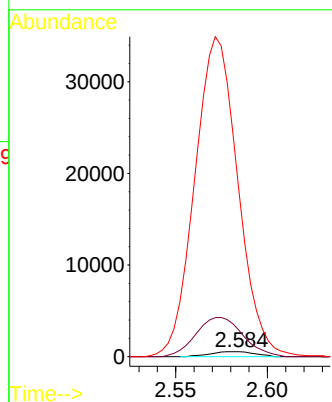
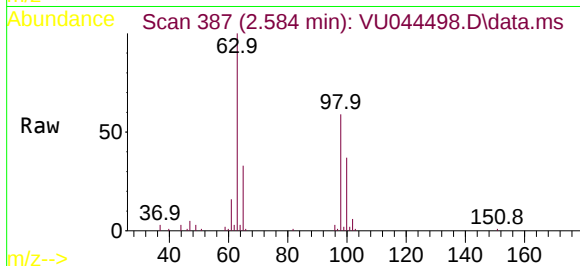
MSVOA_U

ClientSampled :

H4557

Tgt Ion: 96 Resp: 920

Ion	Ratio	Lower	Upper
96	100		
61	530.3	126.1	234.3#
63	3332.8	84.8	157.6#



#17

Methyl tert-butyl Ether

Concen: 1.735 ug/L

RT: 3.372 min Scan# 632

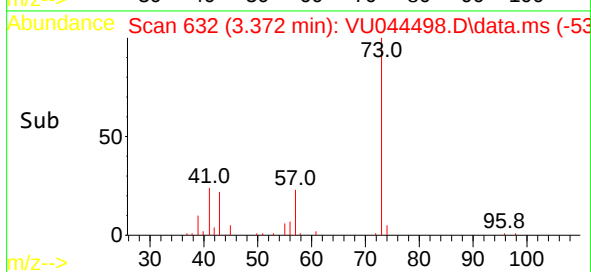
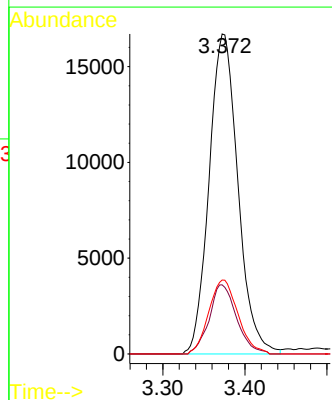
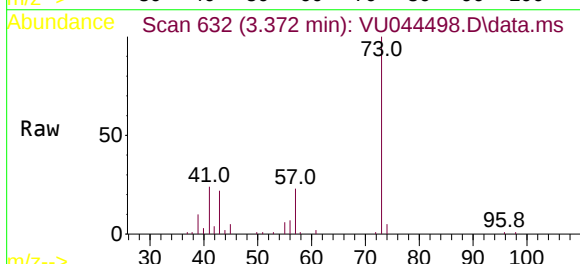
Delta R.T. 0.000 min

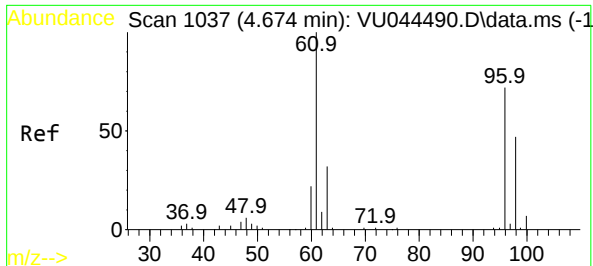
Lab File: VU044498.D

Acq: 23 Aug 2021 13:28

Tgt Ion: 73 Resp: 40781

Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.2	24.4
57	23.4	17.8	26.8



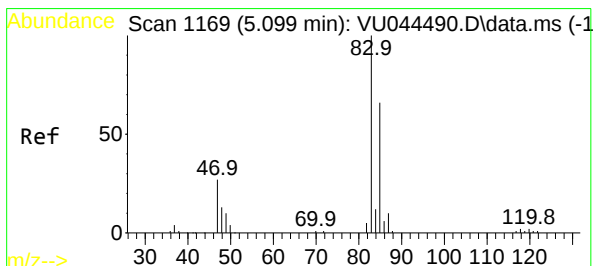
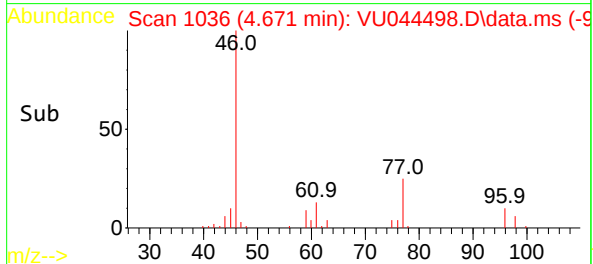
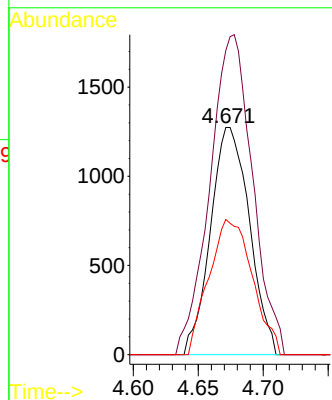
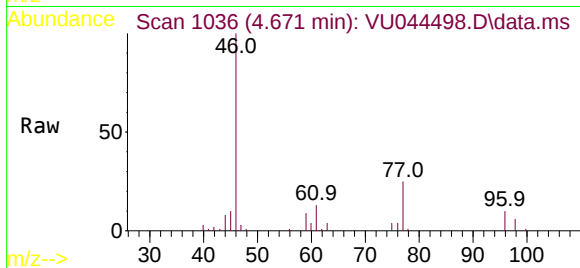


#22

cis-1,2-Dichloroethene
Concen: 0.262 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Instrument :
MSVOA_U
ClientSampled :
H4557

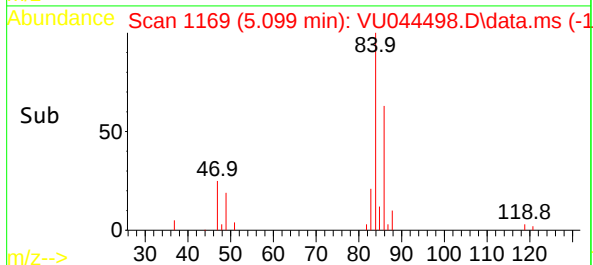
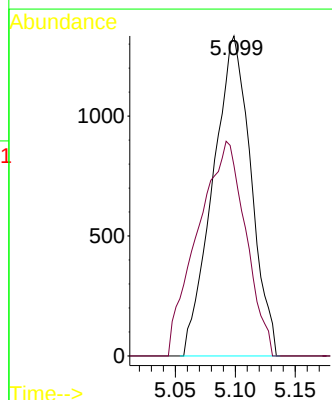
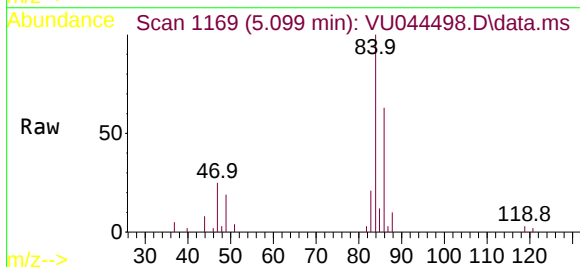
Tgt Ion: 96 Resp: 2652
Ion Ratio Lower Upper
96 100
61 133.8 93.9 174.5
98 59.5 44.7 83.1

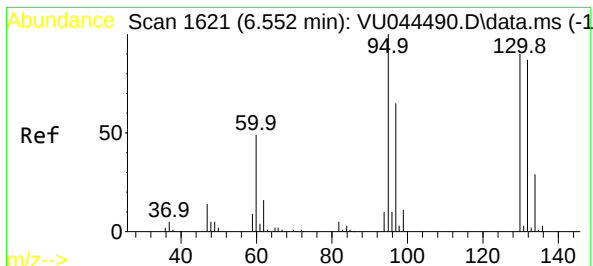


#25

Chloroform
Concen: 0.156 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Tgt Ion: 83 Resp: 2941
Ion Ratio Lower Upper
83 100
85 59.5 45.3 84.1



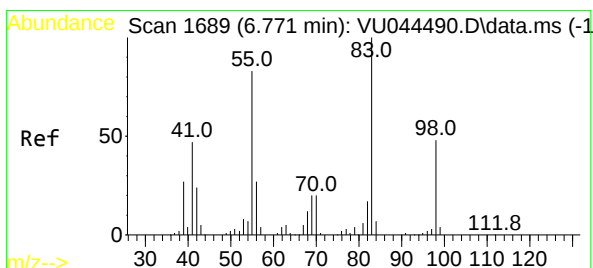
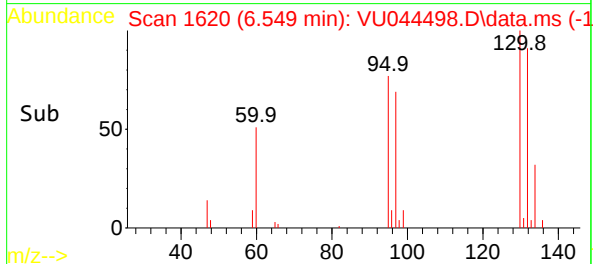
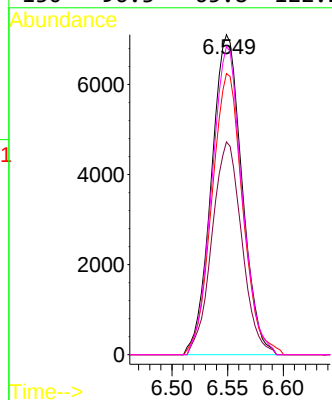
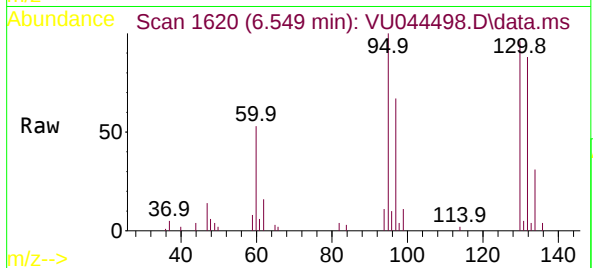


#34
Trichloroethene
Concen: 1.369 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Instrument :
MSVOA_U
ClientSampled :
H4557

Tgt Ion: 95 Resp: 13549

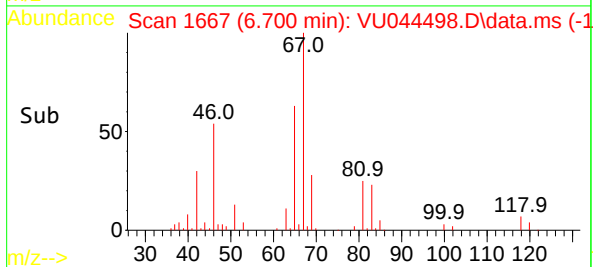
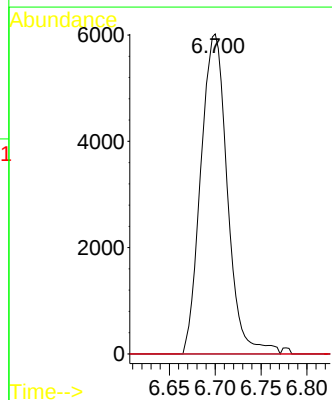
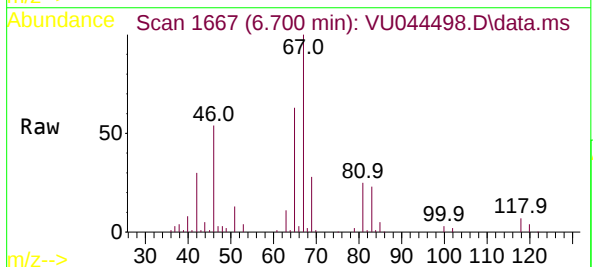
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.6	84.8
132	87.9	63.4	117.8
130	96.3	65.8	122.2

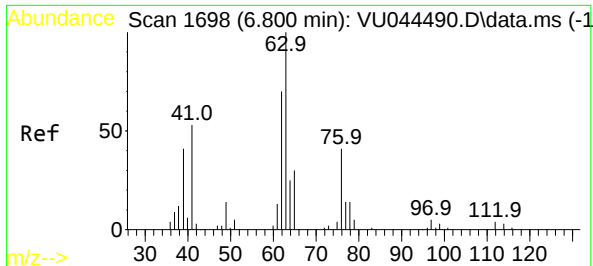


#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Tgt Ion: 83 Resp: 12114

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.4	37.5	56.3#



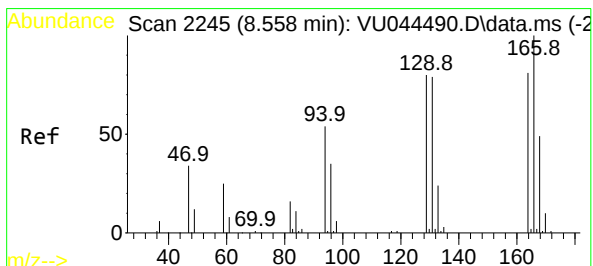
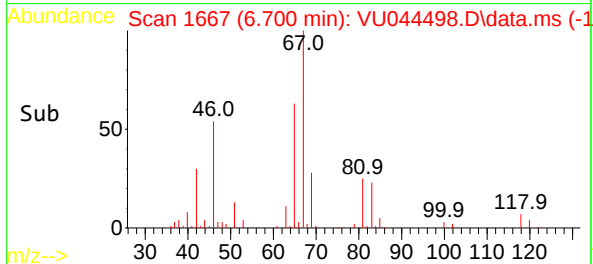
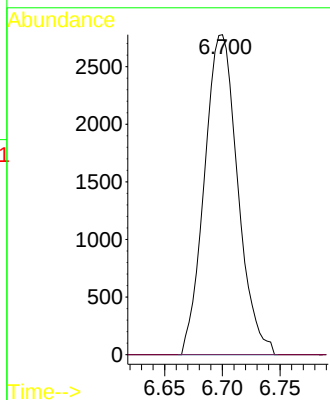
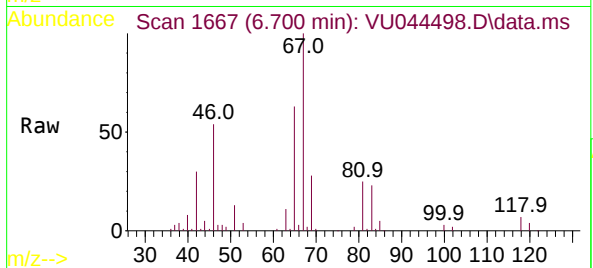


#37

1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

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ClientSampled :
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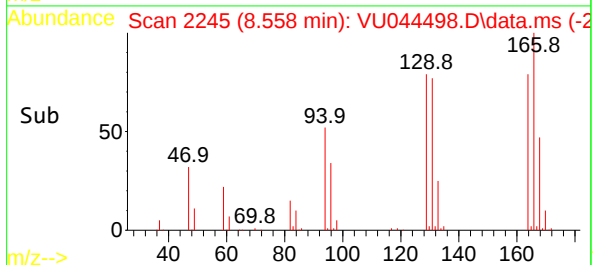
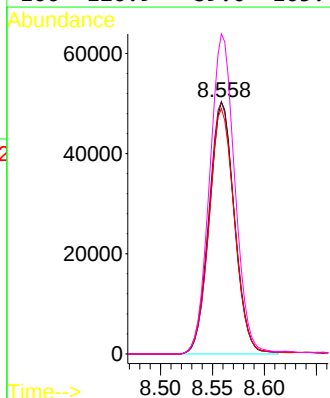
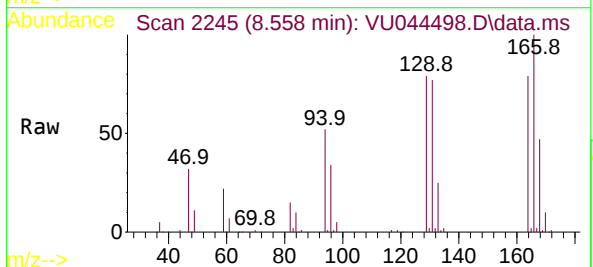
Tgt Ion: 63 Resp: 5571
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

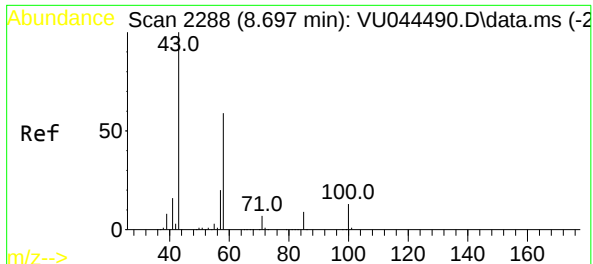


#47

Tetrachloroethene
Concen: 12.368 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Tgt Ion: 164 Resp: 84653
Ion Ratio Lower Upper
164 100
129 100.0 71.0 131.8
131 97.3 68.0 126.4
166 126.9 89.0 165.4

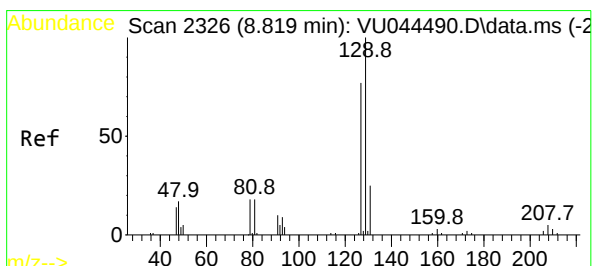
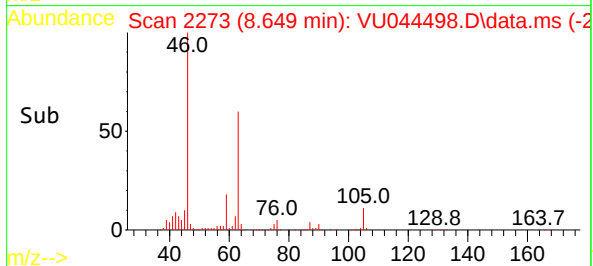
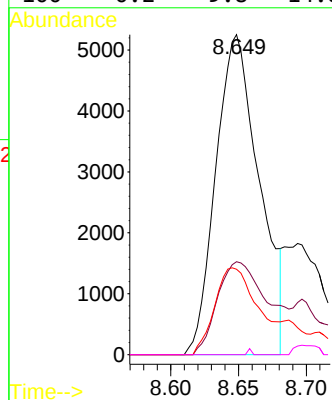
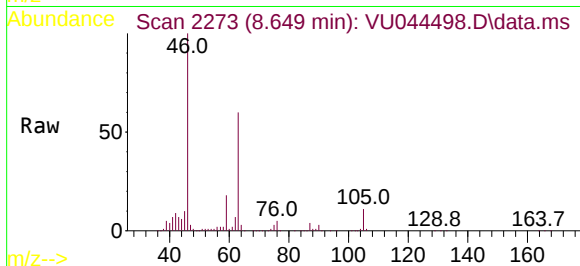




#48
2-Hexanone
Concen: 2.305 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

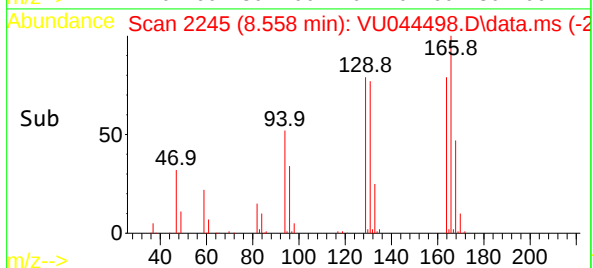
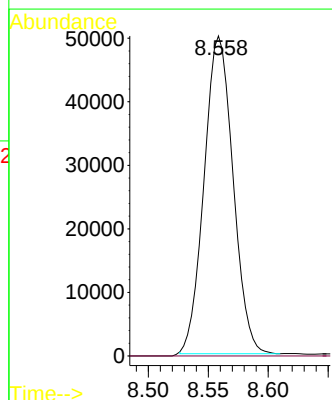
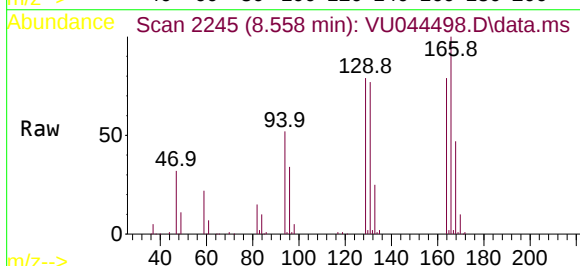
Instrument :
MSVOA_U
ClientSampled :
H4557

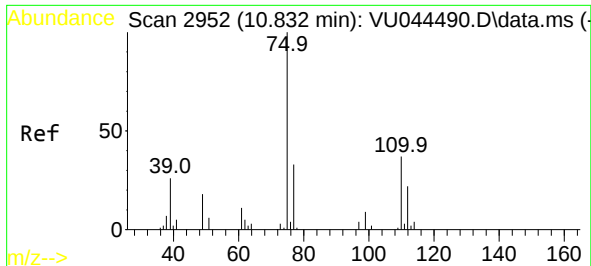
Tgt Ion:	43	Resp:	11706
Ion	Ratio	Lower	Upper
43	100		
58	34.4	46.5	69.7#
57	27.6	15.8	23.8#
100	0.2	9.8	14.8#



#49
Dibromochloromethane
Concen: 10.596 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Tgt Ion:	129	Resp:	83831
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

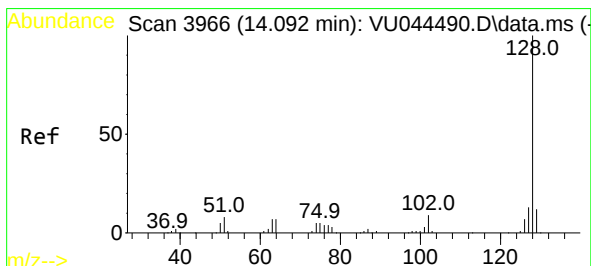
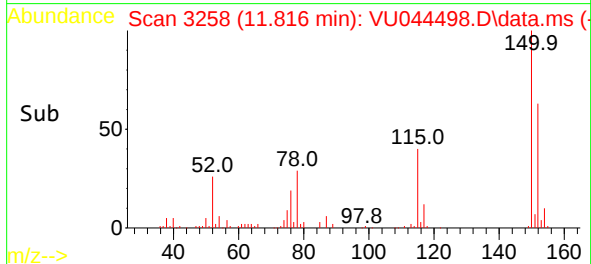
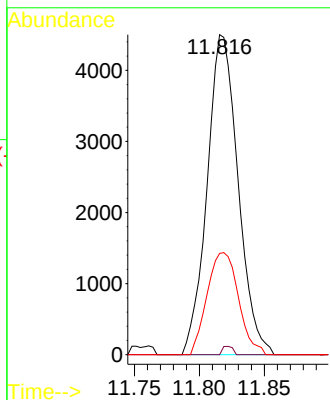
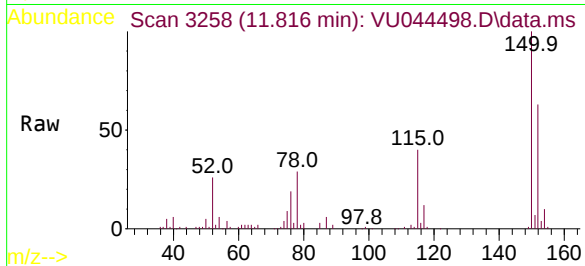




#61
1,2,3-Trichloropropane
Concen: 1.123 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

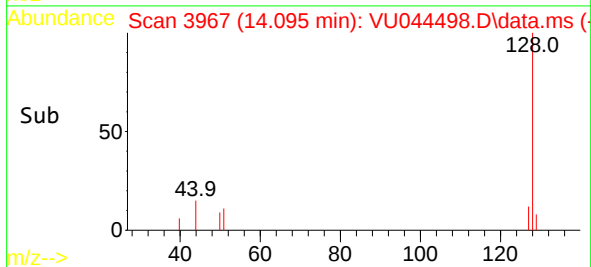
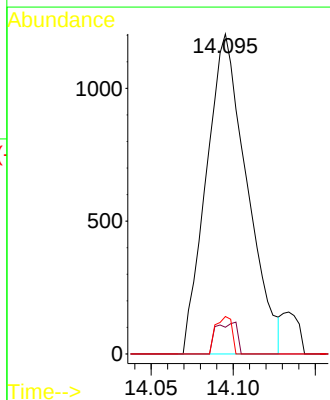
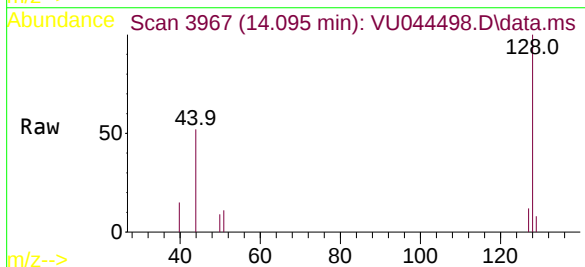
Instrument :
MSVOA_U
ClientSampled :
H4557

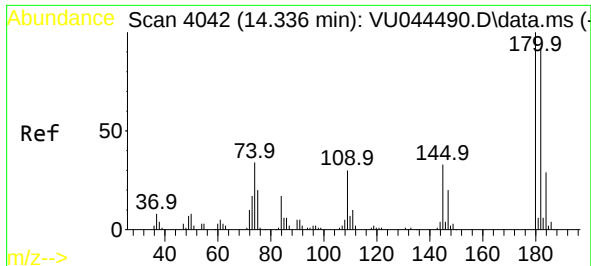
Tgt Ion: 75 Resp: 7454
Ion Ratio Lower Upper
75 100
110 0.9 28.4 42.6#
77 32.3 26.5 39.7



#71
Naphthalene
Concen: 0.115 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Tgt Ion: 128 Resp: 2068
Ion Ratio Lower Upper
128 100
129 5.1 8.6 12.8#
127 4.7 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.055 ug/L
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.010 min
 Lab File: VU044498.D
 Acq: 23 Aug 2021 13:28

Instrument :
 MSVOA_U
 ClientSampled :
 H4557

Tgt Ion:180 Resp: 477
 Ion Ratio Lower Upper
 180 100
 182 105.0 76.4 114.6
 145 14.7 27.1 40.7#

