

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043808.D
 Acq On : 18 May 2021 12:49
 Operator : SY/MD
 Sample : M2418-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:41:48 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)

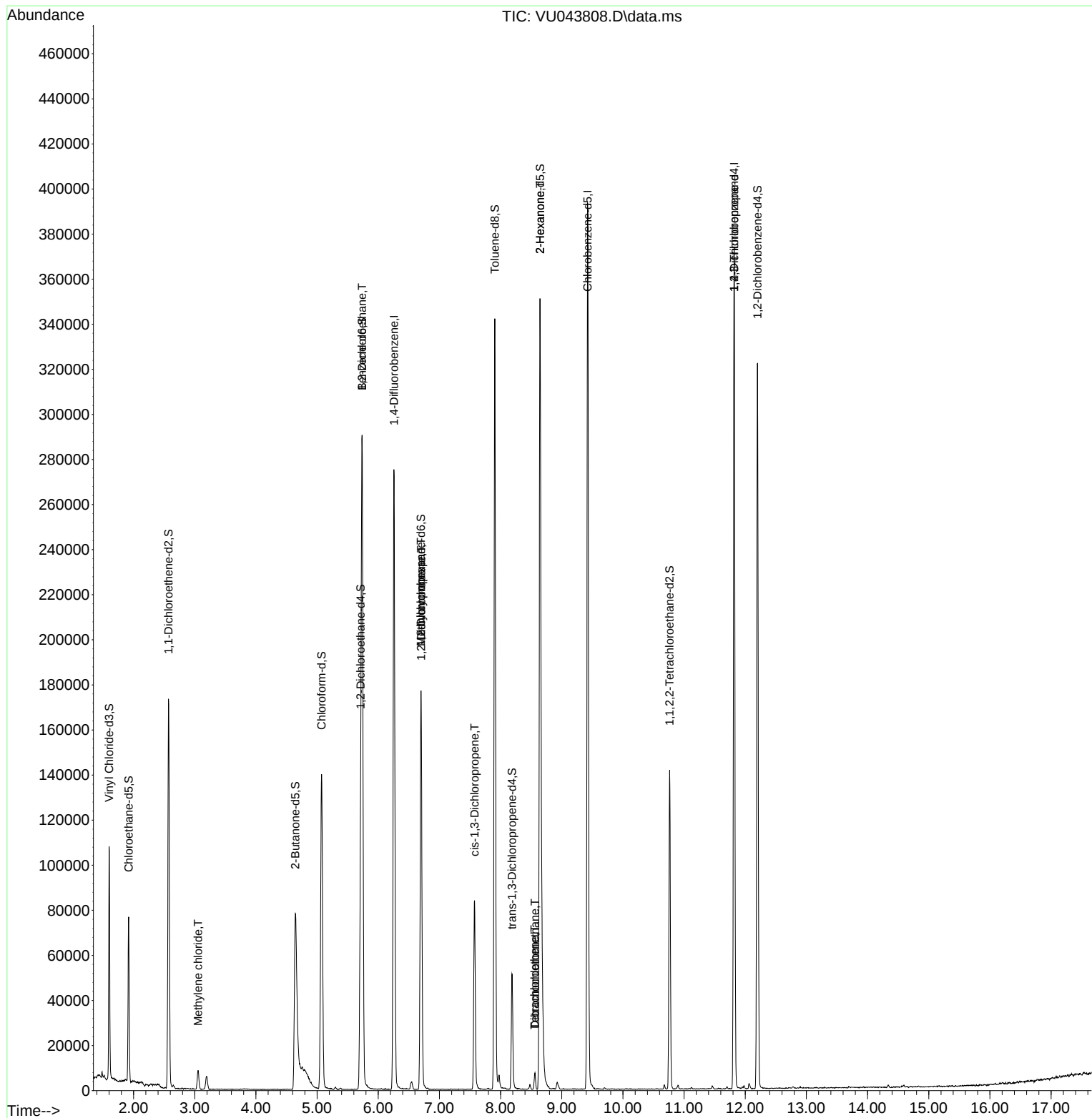
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	225521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	229880	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	104008	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	72519	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.919	69	52718	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.571	65	32418	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.645	46	149625	47.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	5.073	84	133082	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.713	65	69820	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.735	84	279315	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.700	67	88794	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	231162	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.185	79	30435	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.645	63	144670	46.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.00%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72023	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	89746	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	4027	0.18	ug/L	90
27) 1,2-Dichloroethane	5.735	62	1311	0.08	ug/L #	74
35) Methylcyclohexane	6.700	83	19511	0.74	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	8986	0.52	ug/L #	88
39) cis-1,3-Dichloropropene	7.574	75	1914	0.08	ug/L #	61
47) Tetrachloroethene	8.558	164	1678	0.12	ug/L	98
48) 2-Hexanone	8.645	43	16342	1.99	ug/L #	74
49) Dibromochloromethane	8.562	129	1594	0.11	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11102	1.12	ug/L #	69

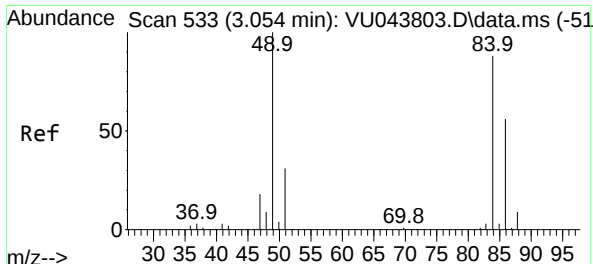
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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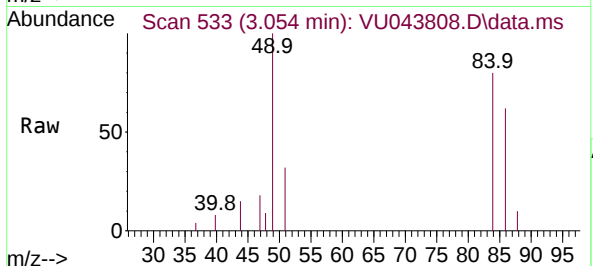
Quant Time: May 19 01:41:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
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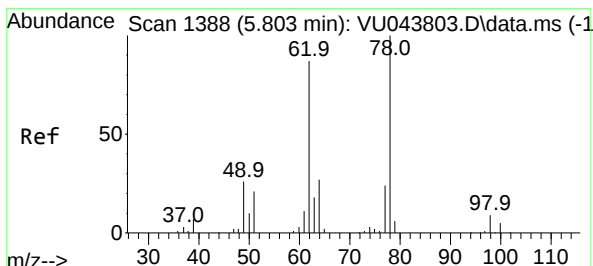
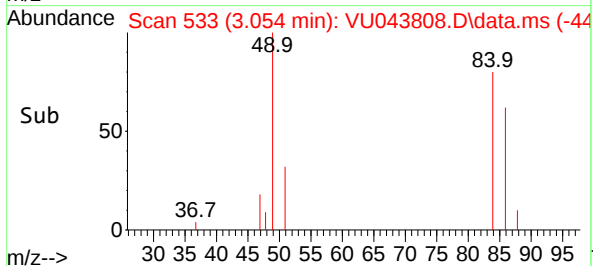
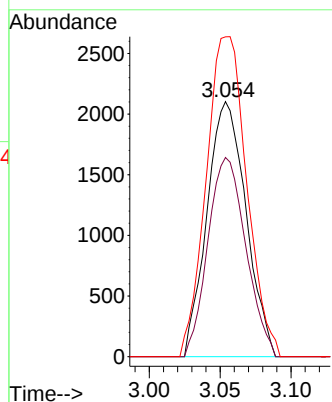
#16
Methylene chloride
Concen: 0.18 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043808.D
Acq: 18 May 2021 12:49

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 84 Resp: 4027

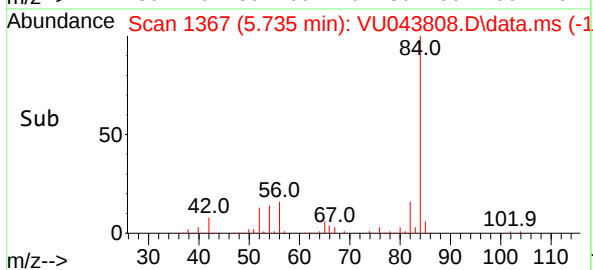
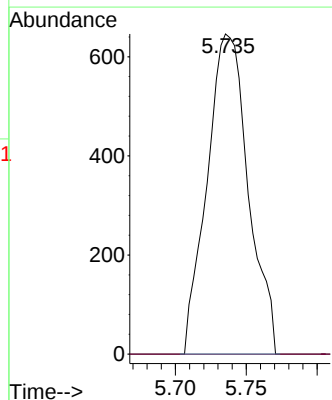
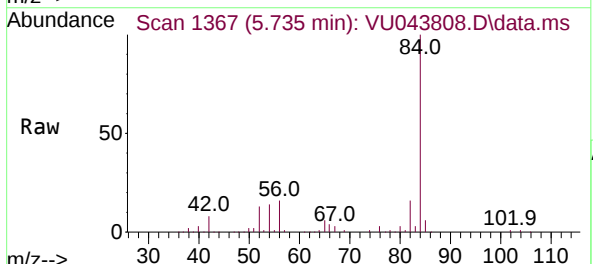
Ion	Ratio	Lower	Upper
84	100		
86	78.1	44.7	82.9
49	125.4	83.1	154.3

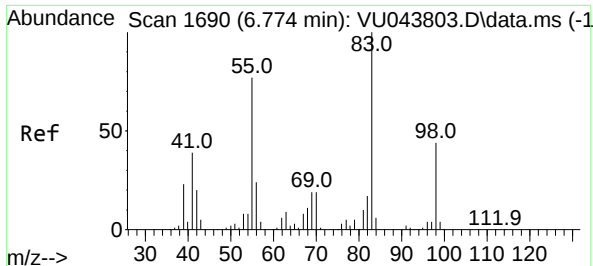


#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043808.D
Acq: 18 May 2021 12:49

Tgt Ion: 62 Resp: 1311

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.7	11.5#





#35

Methylcyclohexane

Concen: 0.74 ug/L

RT: 6.700 min Scan# 1667

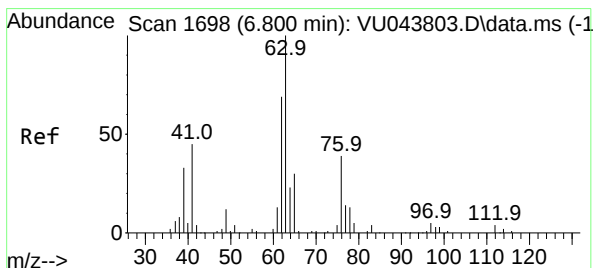
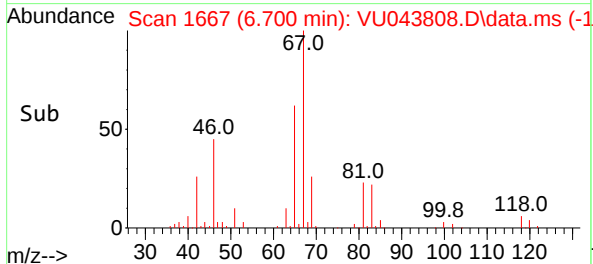
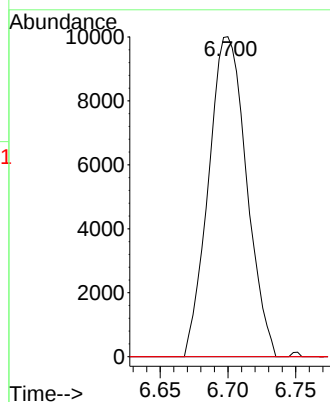
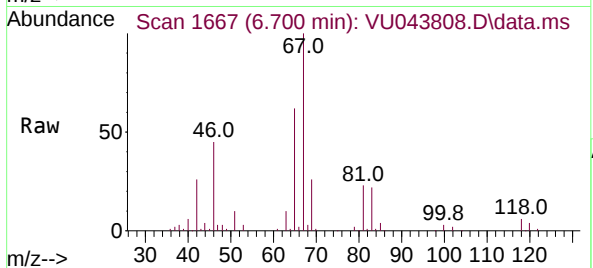
Delta R.T. -0.074 min

Lab File: VU043808.D

Acq: 18 May 2021 12:49

Tgt Ion:	83	Resp:	19511
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.8	97.2#
98	0.3	35.9	53.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.52 ug/L

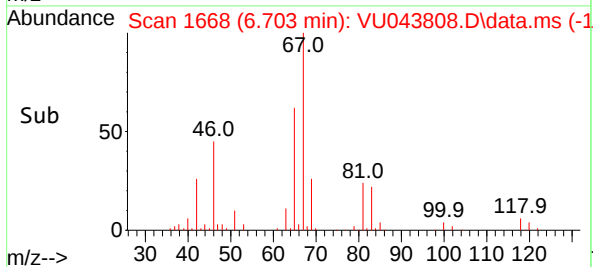
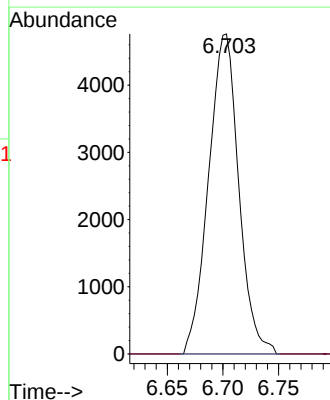
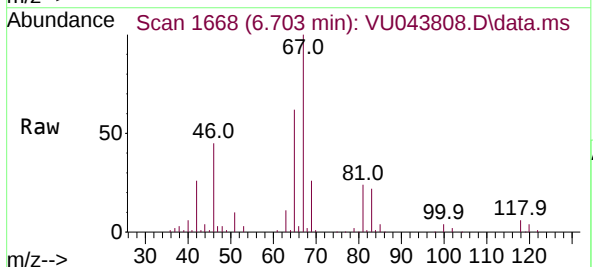
RT: 6.703 min Scan# 1668

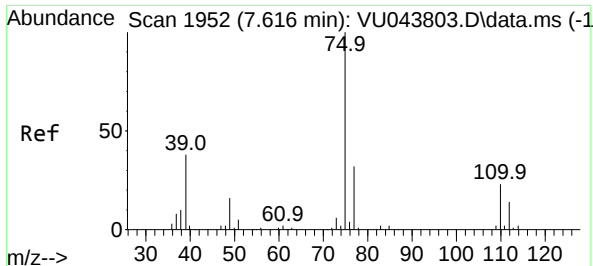
Delta R.T. -0.097 min

Lab File: VU043808.D

Acq: 18 May 2021 12:49

Tgt Ion:	63	Resp:	8986
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#

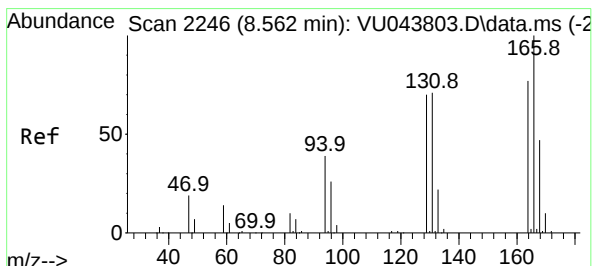
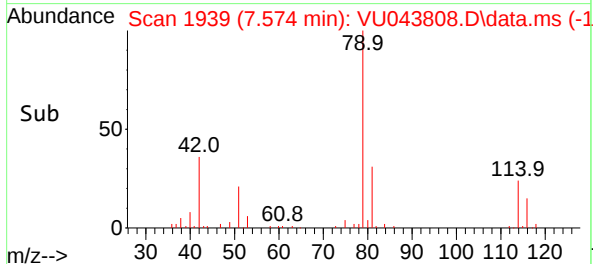
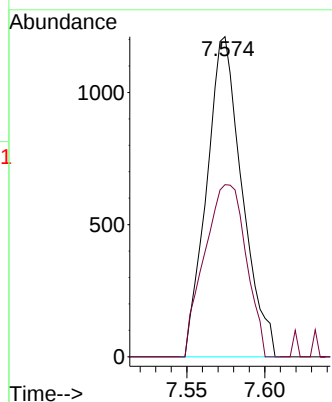
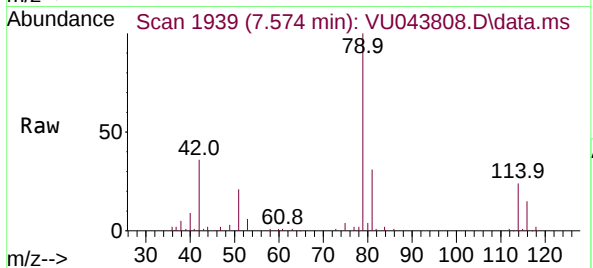




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043808.D
Acq: 18 May 2021 12:49

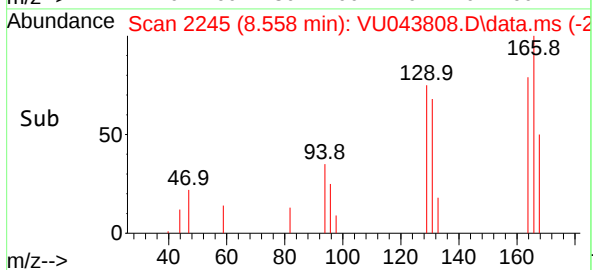
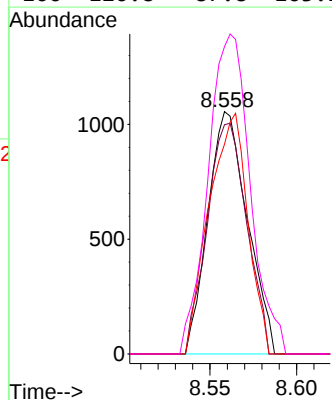
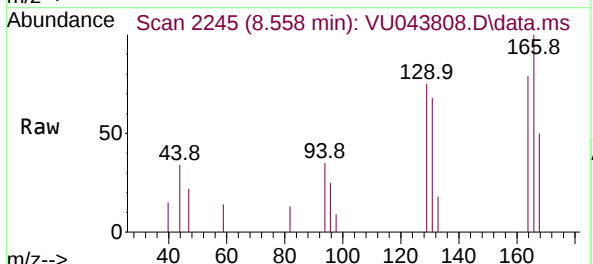
Instrument :
MSVOA_U
ClientSampled :

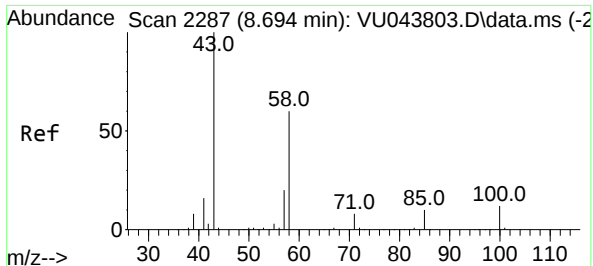
Tgt Ion: 75 Resp: 1914
Ion Ratio Lower Upper
75 100
77 53.8 22.5 41.7#



#47
Tetrachloroethene
Concen: 0.12 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043808.D
Acq: 18 May 2021 12:49

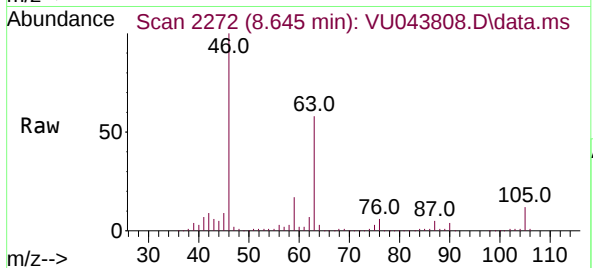
Tgt Ion: 164 Resp: 1678
Ion Ratio Lower Upper
164 100
129 94.6 64.1 119.1
131 86.6 61.2 113.8
166 126.8 87.8 163.2



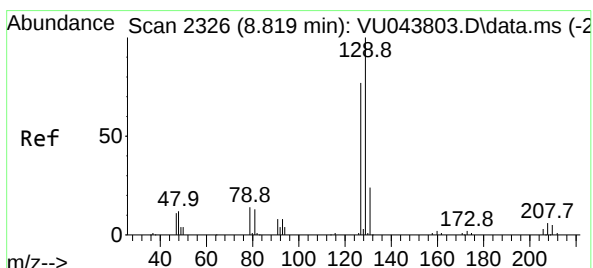
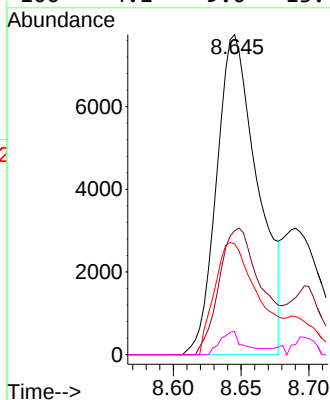
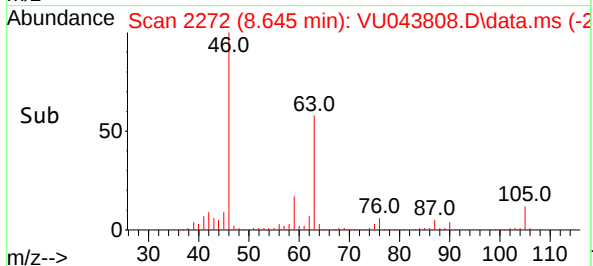


#48
2-Hexanone
Concen: 1.99 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043808.D
Acq: 18 May 2021 12:49

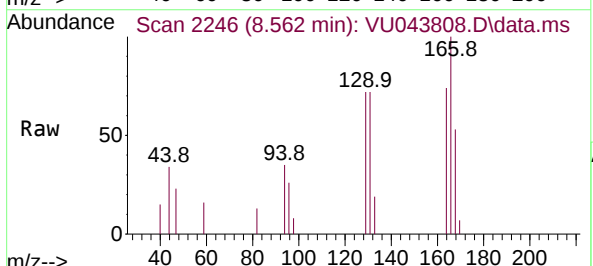
Instrument :
MSVOA_U
ClientSampled :



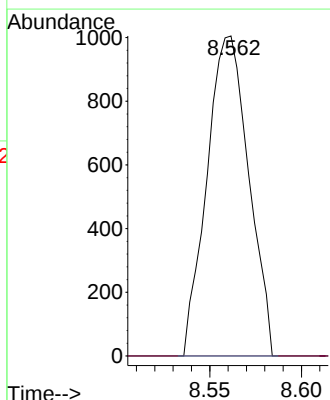
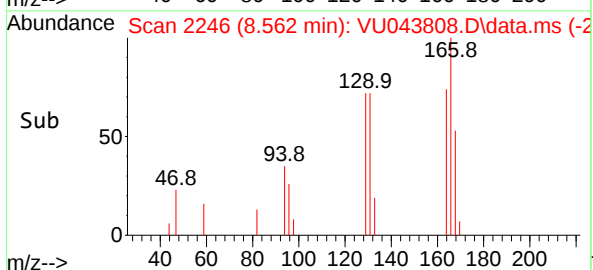
Tgt Ion: 43	Resp: 16342
Ion Ratio	Lower Upper
43	100
58	41.6 47.0 70.4#
57	37.1 15.8 23.8#
100	4.1 9.0 13.4#

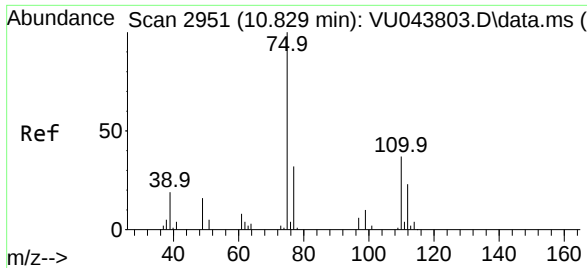


#49
Dibromochloromethane
Concen: 0.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043808.D
Acq: 18 May 2021 12:49



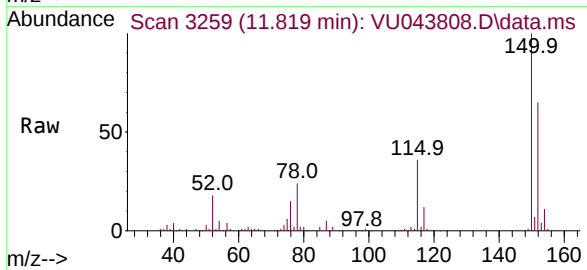
Tgt Ion: 129	Resp: 1594
Ion Ratio	Lower Upper
129	100
127	0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.12 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043808.D
 Acq: 18 May 2021 12:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11102
 Ion Ratio Lower Upper
 75 100
 110 1.5 27.9 41.9#
 77 33.7 25.9 38.9

