

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043811.D
 Acq On : 18 May 2021 14:08
 Operator : SY/MD
 Sample : M2396-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:42:08 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)

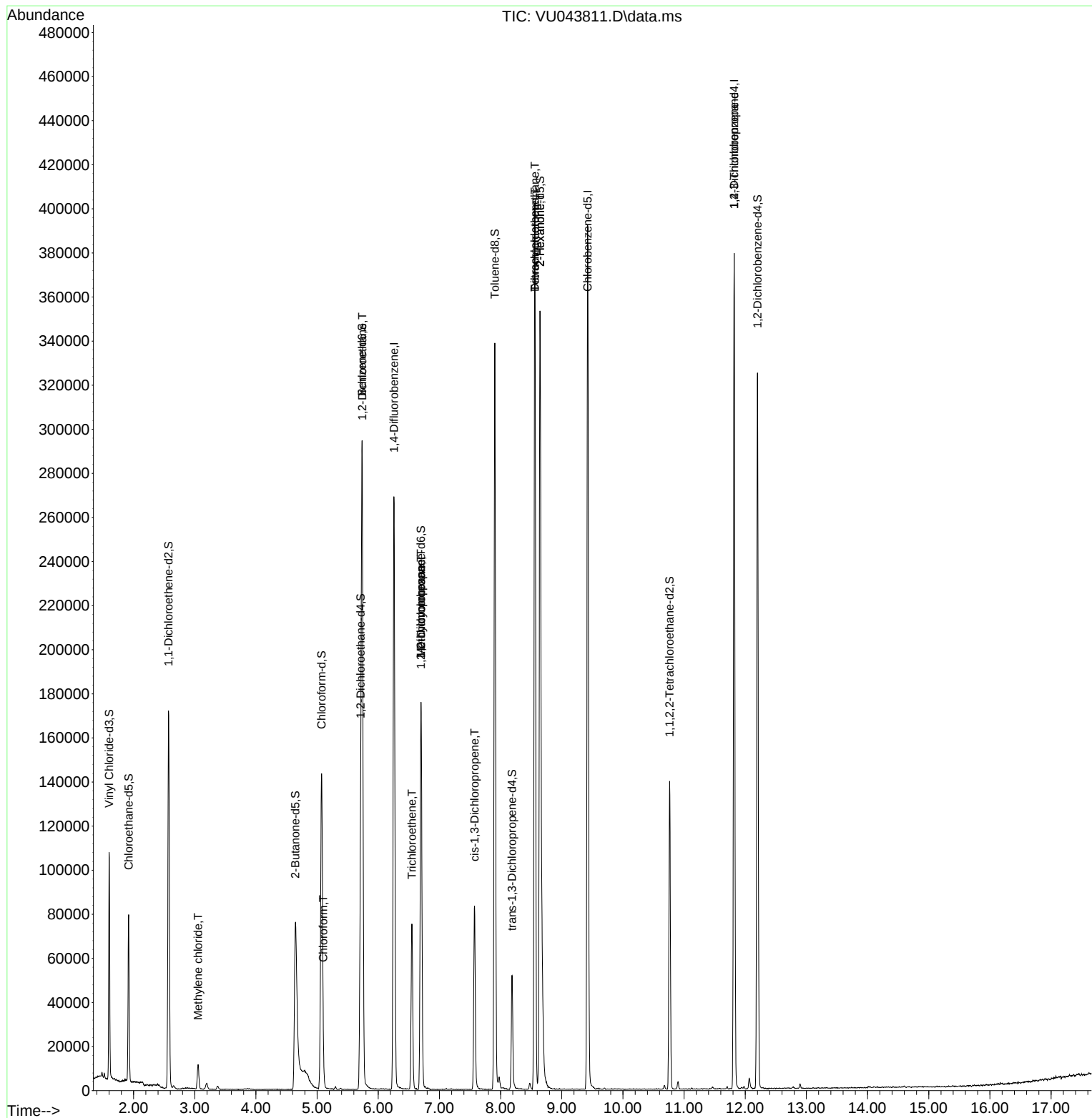
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	223472	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	228647	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	105967	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73502	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.919	69	53755	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.572	65	32939	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.645	46	147319	47.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.04%
24) Chloroform-d	5.073	84	135143	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.713	65	69262	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.735	84	279421	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.700	67	89707	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.906	98	231723	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloroprop...	8.186	79	30489	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.645	63	145673	47.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.16%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72774	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	91542	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	5347	0.24	ug/L	97
25) Chloroform	5.099	83	6563	0.24	ug/L	99
27) 1,2-Dichloroethane	5.739	62	1399	0.08	ug/L #	74
34) Trichloroethene	6.549	95	26118	1.54	ug/L	97
35) Methylcyclohexane	6.700	83	20465	0.78	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	9034	0.52	ug/L #	88
39) cis-1,3-Dichloropropene	7.575	75	1977	0.09	ug/L #	51
47) Tetrachloroethene	8.562	164	96749	7.05	ug/L	97
48) 2-Hexanone	8.645	43	15861	1.94	ug/L #	66
49) Dibromochloromethane	8.562	129	87989	6.34	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11181	1.11	ug/L #	70

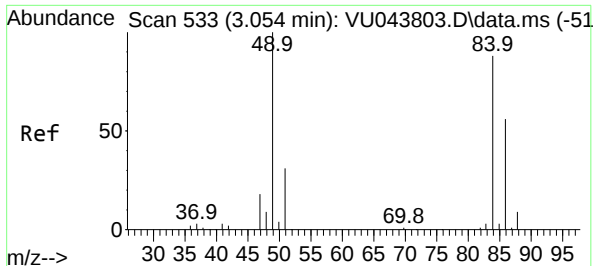
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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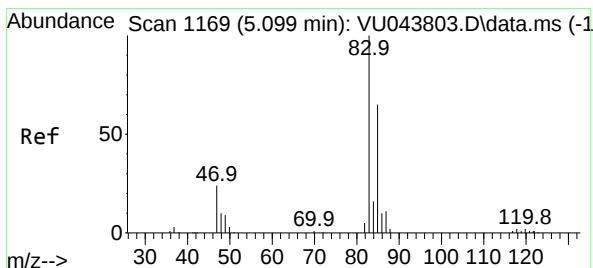
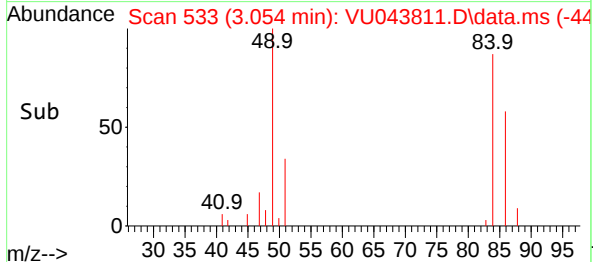
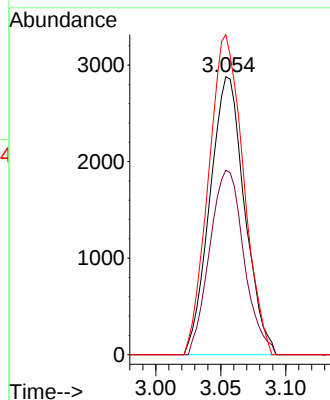
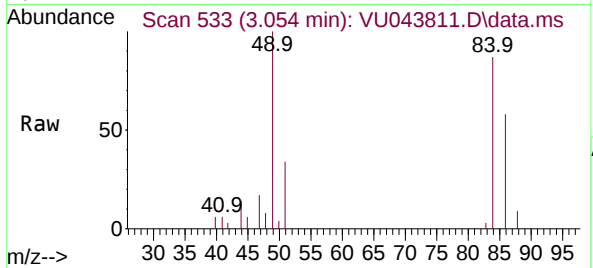




#16
Methylene chloride
Concen: 0.24 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043811.D
Acq: 18 May 2021 14:08

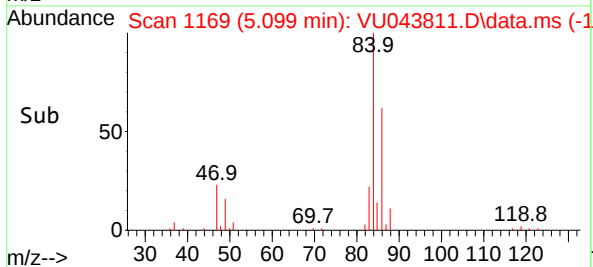
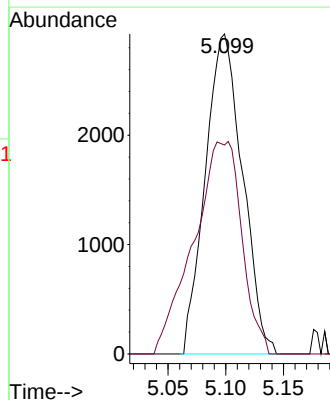
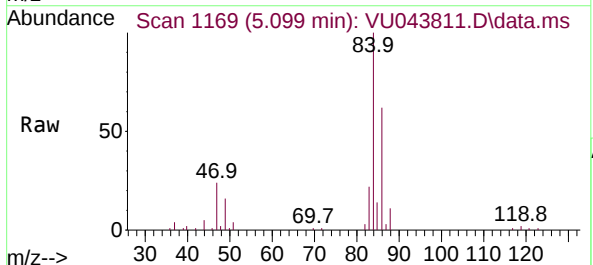
Instrument :
MSVOA_U
ClientSampled :

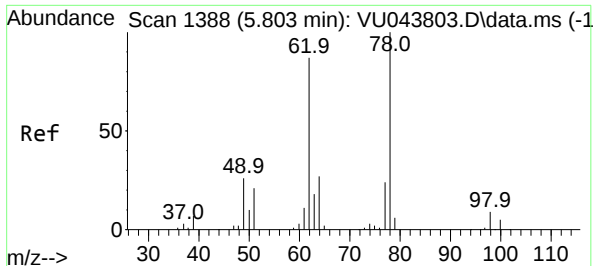
Tgt Ion: 84 Resp: 5347
Ion Ratio Lower Upper
84 100
86 66.4 44.7 82.9
49 115.1 83.1 154.3



#25
Chloroform
Concen: 0.24 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043811.D
Acq: 18 May 2021 14:08

Tgt Ion: 83 Resp: 6563
Ion Ratio Lower Upper
83 100
85 65.3 45.0 83.6

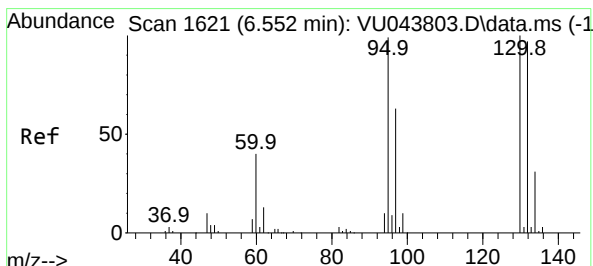
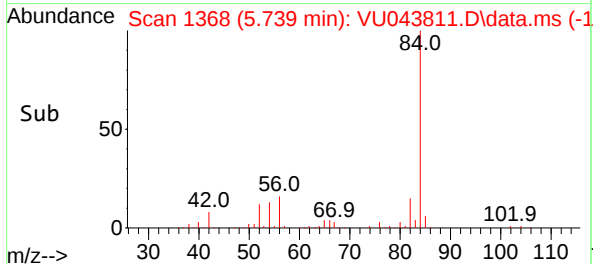
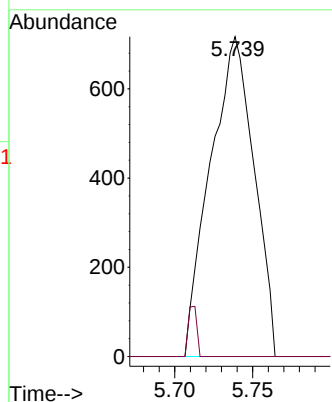
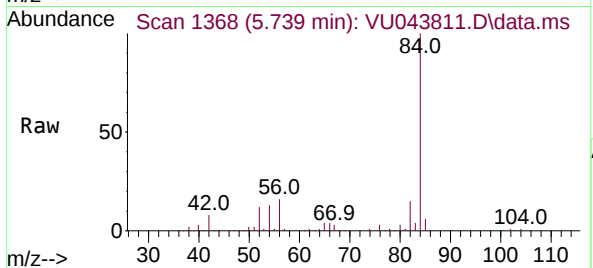




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043811.D
Acq: 18 May 2021 14:08

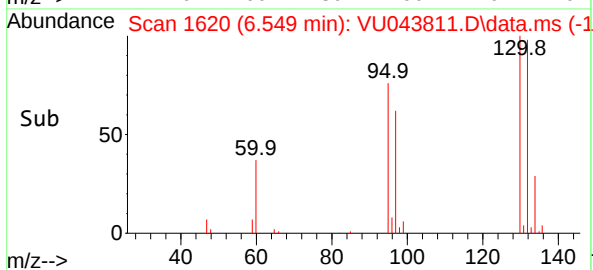
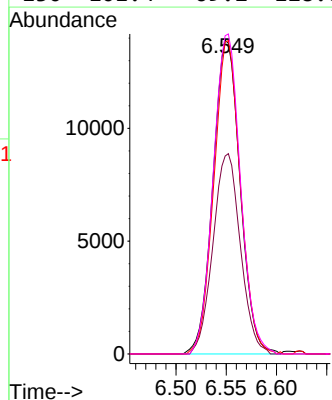
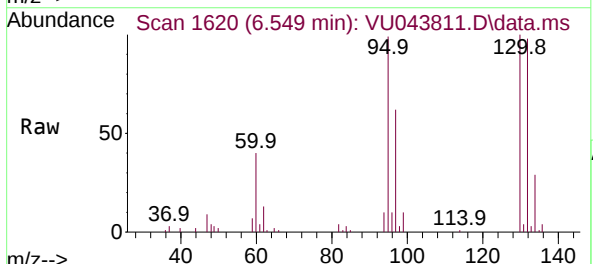
Instrument :
MSVOA_U
ClientSampleId :

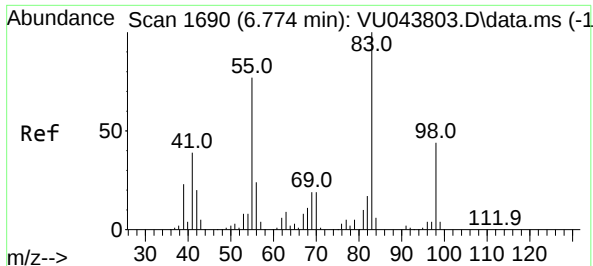
Tgt Ion: 62 Resp: 1399
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#34
Trichloroethene
Concen: 1.54 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043811.D
Acq: 18 May 2021 14:08

Tgt Ion: 95 Resp: 26118
Ion Ratio Lower Upper
95 100
97 63.1 44.3 82.3
132 99.3 66.0 122.6
130 101.4 69.2 128.6





#35

Methylcyclohexane

Concen: 0.78 ug/L

RT: 6.700 min Scan# 1667

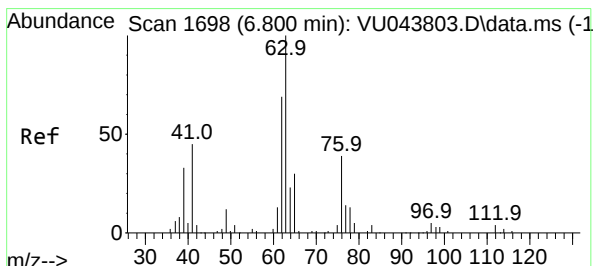
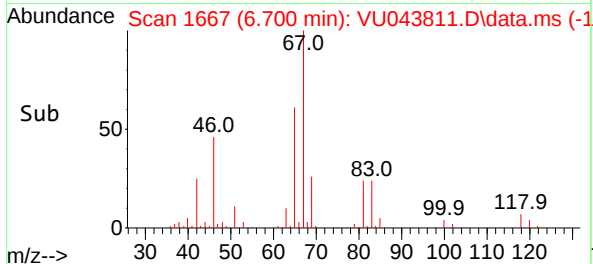
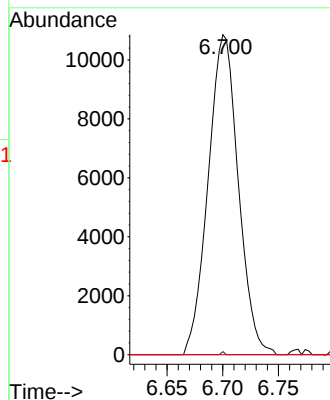
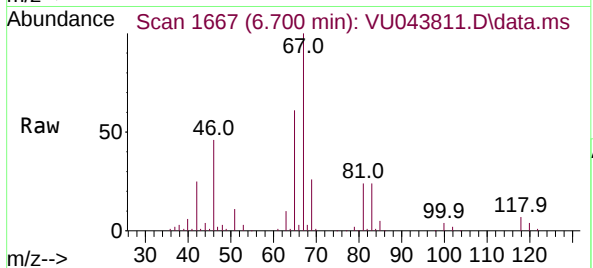
Delta R.T. -0.074 min

Lab File: VU043811.D

Acq: 18 May 2021 14:08

Tgt Ion:	83	Resp:	20465
Ion Ratio	Lower	Upper	
83	100		
55	0.1	64.8	97.2#
98	0.4	35.9	53.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.52 ug/L

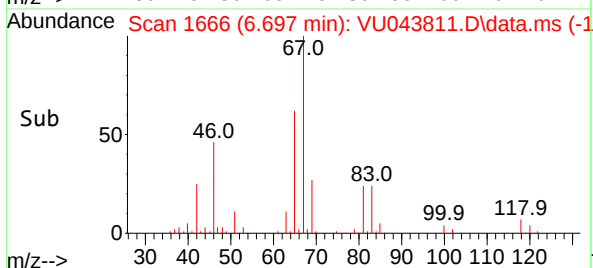
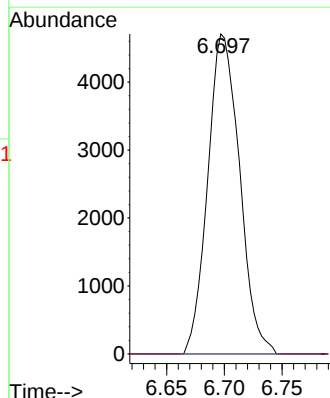
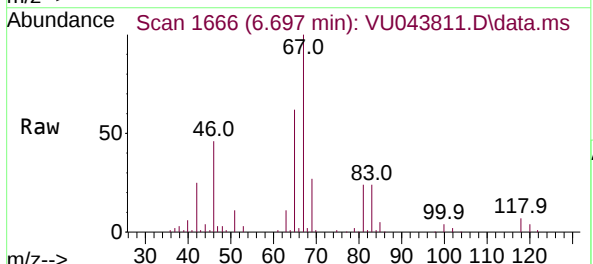
RT: 6.697 min Scan# 1666

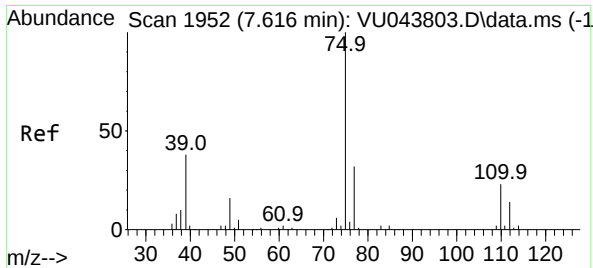
Delta R.T. -0.103 min

Lab File: VU043811.D

Acq: 18 May 2021 14:08

Tgt Ion:	63	Resp:	9034
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#

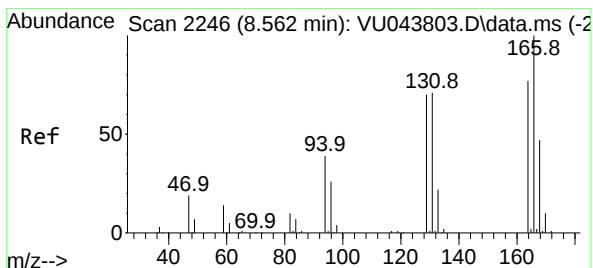
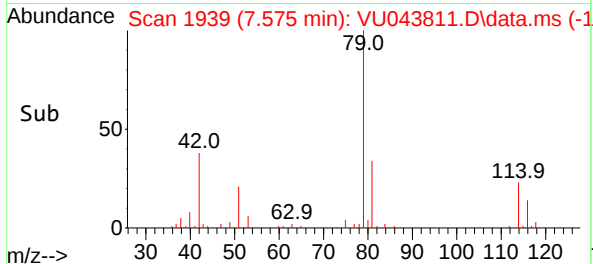
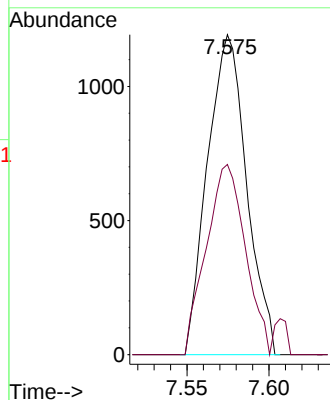
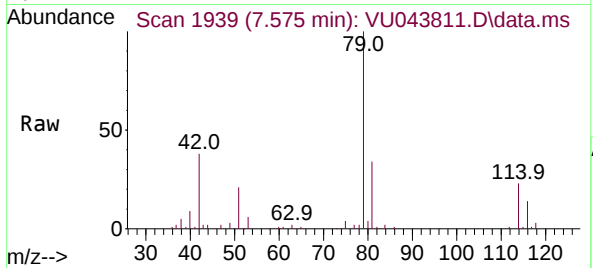




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043811.D
Acq: 18 May 2021 14:08

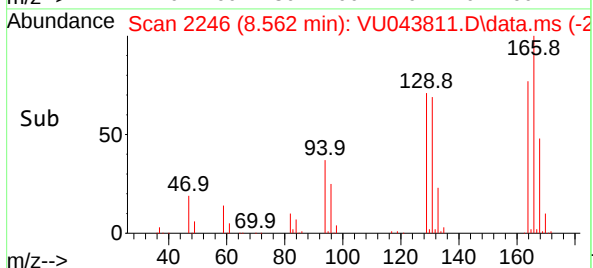
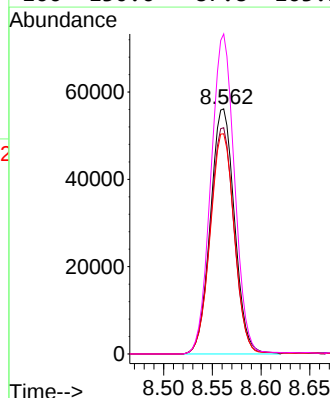
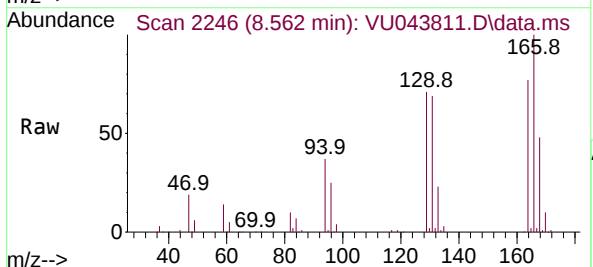
Instrument :
MSVOA_U
ClientSampleId :

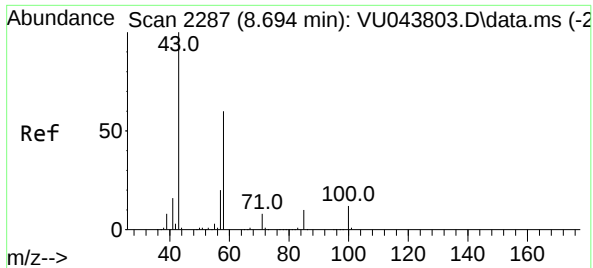
Tgt Ion: 75 Resp: 1977
Ion Ratio Lower Upper
75 100
77 59.4 22.5 41.7#



#47
Tetrachloroethene
Concen: 7.05 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043811.D
Acq: 18 May 2021 14:08

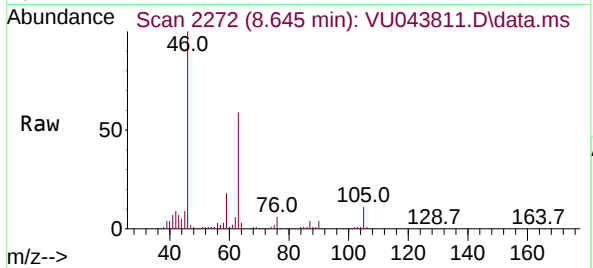
Tgt Ion:164 Resp: 96749
Ion Ratio Lower Upper
164 100
129 92.3 64.1 119.1
131 89.8 61.2 113.8
166 130.6 87.8 163.2



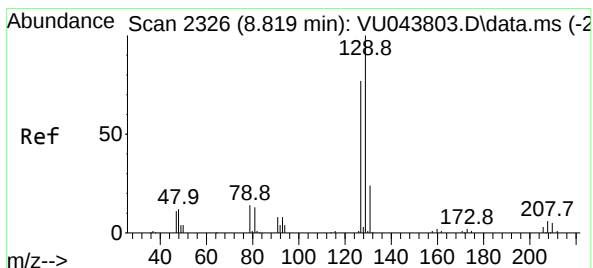
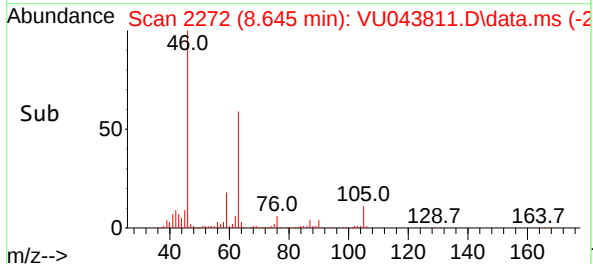
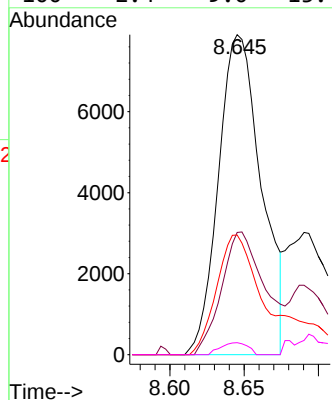


#48
2-Hexanone
Concen: 1.94 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043811.D
Acq: 18 May 2021 14:08

Instrument :
MSVOA_U
ClientSampleId :

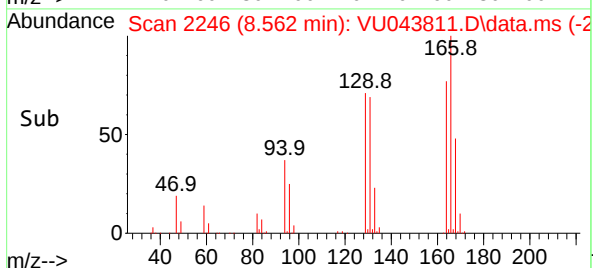
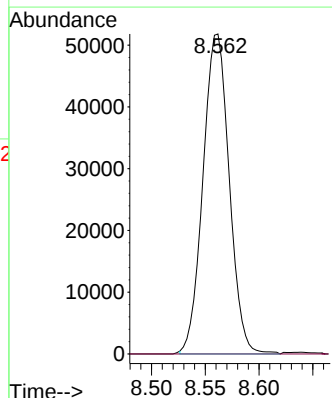
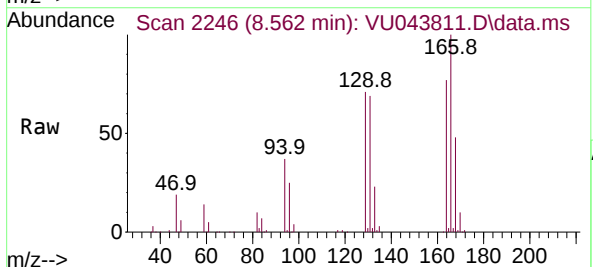


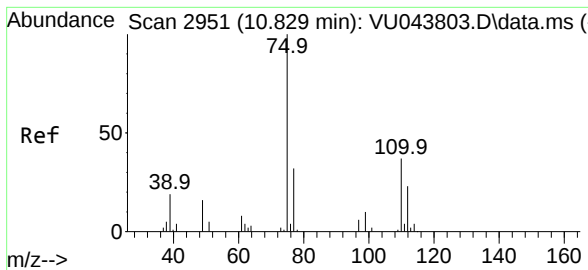
Tgt Ion: 43	Resp: 15861
Ion Ratio	Lower Upper
43 100	
58 39.4	47.0 70.4#
57 48.8	15.8 23.8#
100 2.4	9.0 13.4#



#49
Dibromochloromethane
Concen: 6.34 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043811.D
Acq: 18 May 2021 14:08

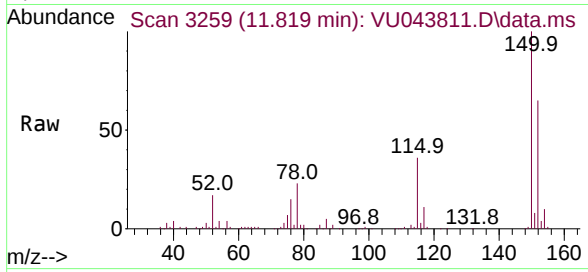
Tgt Ion:129	Resp:	87989	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043811.D
 Acq: 18 May 2021 14:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11181
 Ion Ratio Lower Upper
 75 100
 110 2.2 27.9 41.9#
 77 33.6 25.9 38.9

