

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052078.D
 Acq On : 23 Nov 2022 08:55
 Operator : JC/MD
 Sample : N5760-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 09:16:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

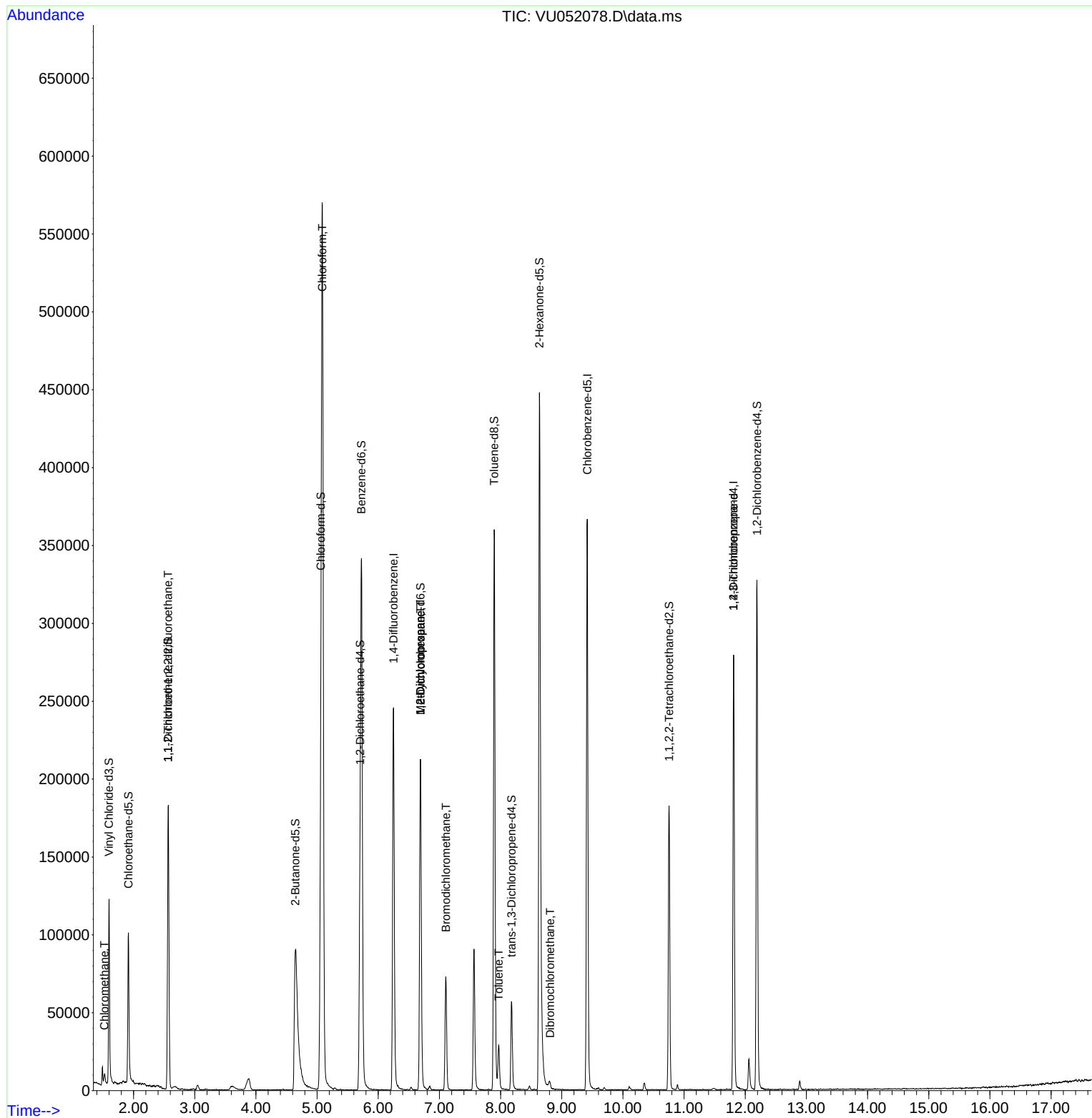
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	204878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	92212	4.627	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.600%	
7) Chloroethane-d5	1.916	69	77344	4.997	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.565	65	34947	4.892	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	4.645	46	219571	60.784	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.560%	
24) Chloroform-d	5.063	84	180794	6.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	123.400%	
26) 1,2-Dichloroethane-d4	5.703	65	86149	5.825	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.400%	
32) Benzene-d6	5.726	84	329988	5.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.690	67	107938	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.800%	
41) Toluene-d8	7.896	98	254098	4.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.179	79	34474	4.765	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.636	63	157978	51.528	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.060%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95097	5.525	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	91137	6.078	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.600%#	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	5458	0.235	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1209	0.081	ug/L #	20
25) Chloroform	5.086	83	480945	16.530	ug/L	95
35) Methylcyclohexane	6.690	83	24295	0.963	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10719	0.589	ug/L #	88
38) Bromodichloromethane	7.105	83	48792	2.198	ug/L	98
42) Toluene	7.970	91	21183	0.293	ug/L	94
49) Dibromochloromethane	8.812	129	1805	0.118	ug/L	91
61) 1,2,3-Trichloropropane	11.809	75	9201	1.026	ug/L #	68

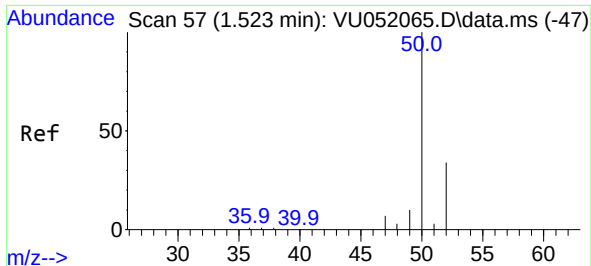
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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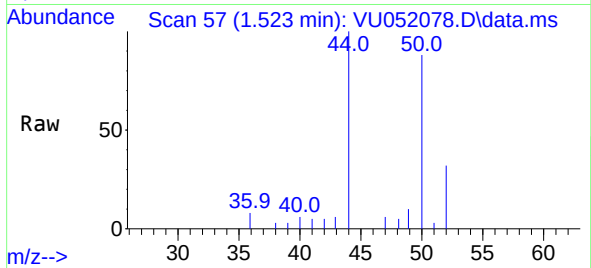
Quant Time: Nov 23 09:16:42 2022
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Quant Title : TRACE VOA SFAM1.0
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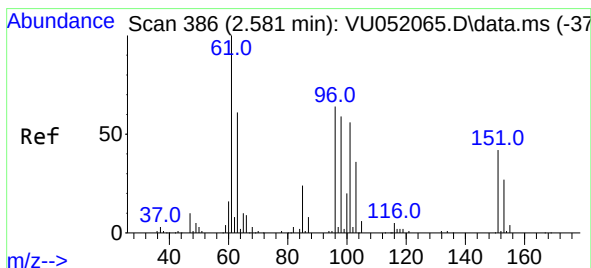
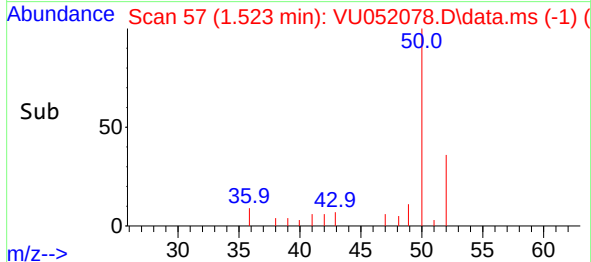
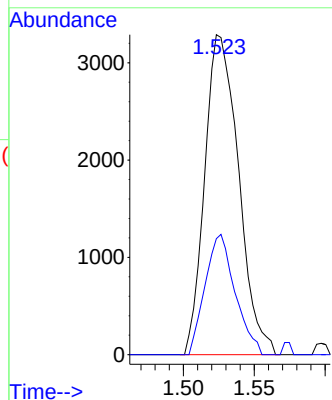


#3
Chloromethane
Concen: 0.235 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052078.D
Acq: 23 Nov 2022 08:55

Instrument :
MSVOA_U
ClientSampleId :

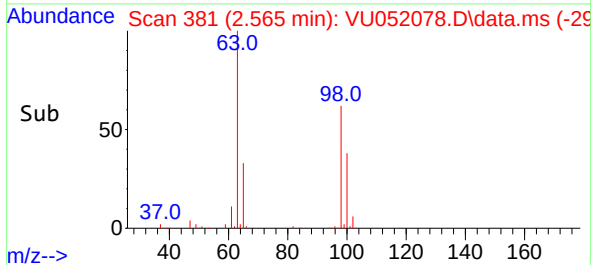
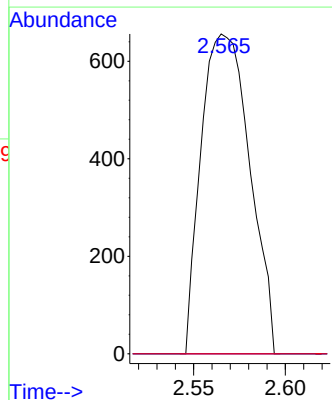
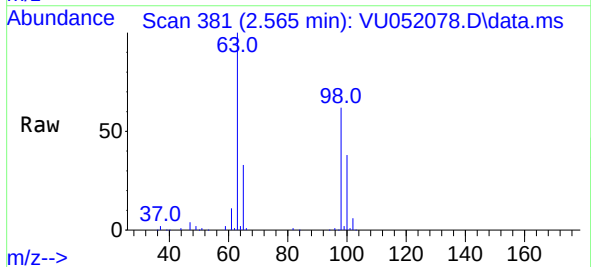


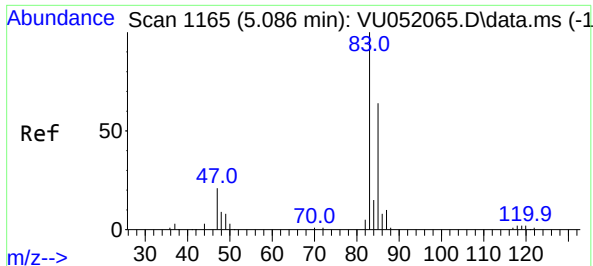
Tgt Ion: 50 Resp: 5458
Ion Ratio Lower Upper
50 100
52 36.2 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU052078.D
Acq: 23 Nov 2022 08:55

Tgt Ion: 101 Resp: 1209
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

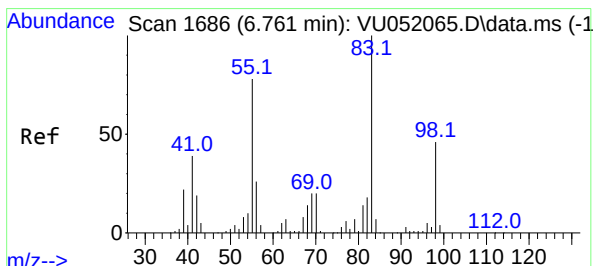
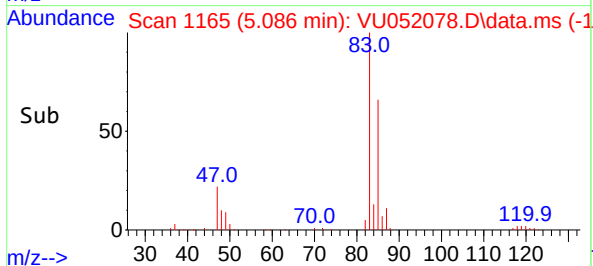
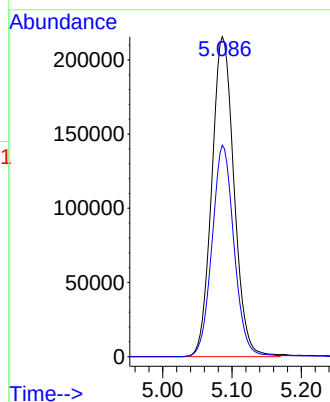
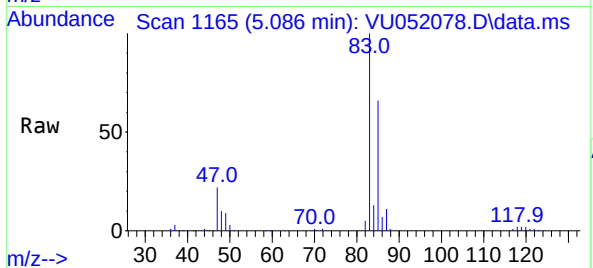




#25
Chloroform
Concen: 16.530 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU052078.D
Acq: 23 Nov 2022 08:55

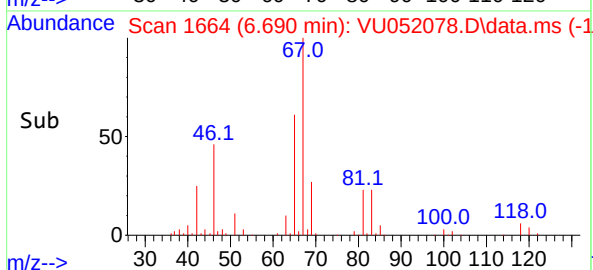
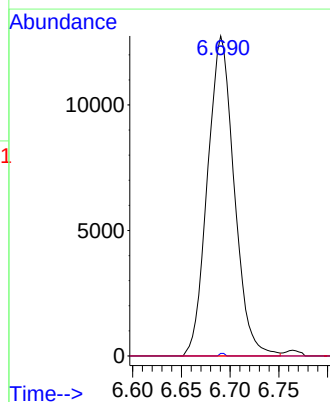
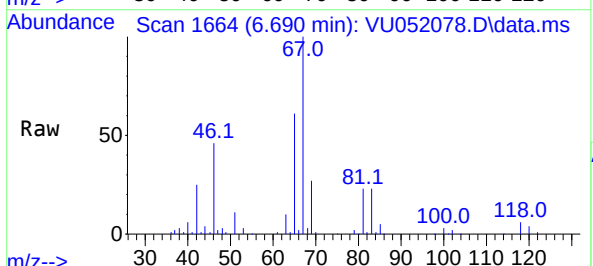
Instrument :
MSVOA_U
ClientSampleId :

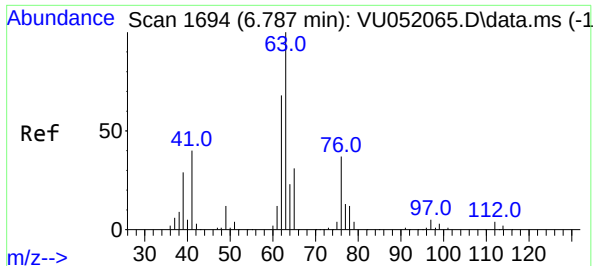
Tgt Ion: 83 Resp: 480945
Ion Ratio Lower Upper
83 100
85 66.1 43.8 81.4



#35
Methylcyclohexane
Concen: 0.963 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052078.D
Acq: 23 Nov 2022 08:55

Tgt Ion: 83 Resp: 24295
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 0.4 35.1 52.7#

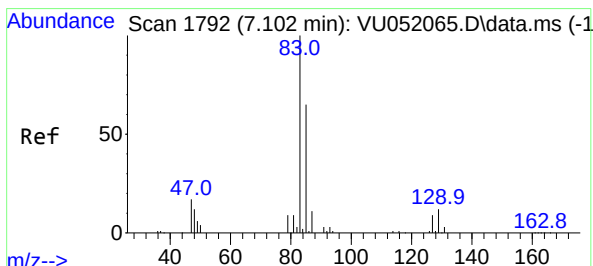
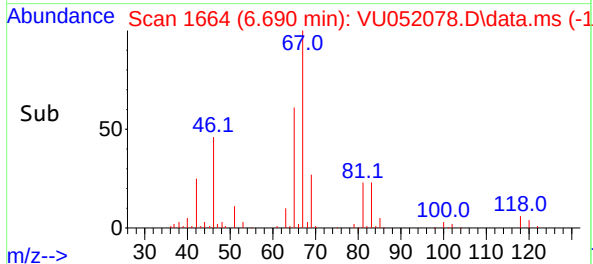
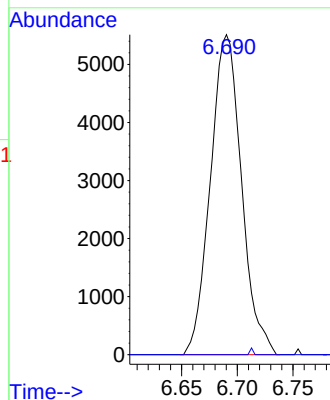
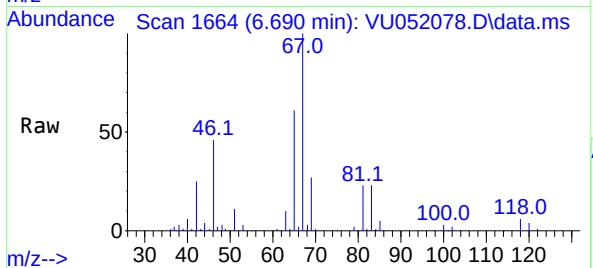




#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU052078.D
Acq: 23 Nov 2022 08:55

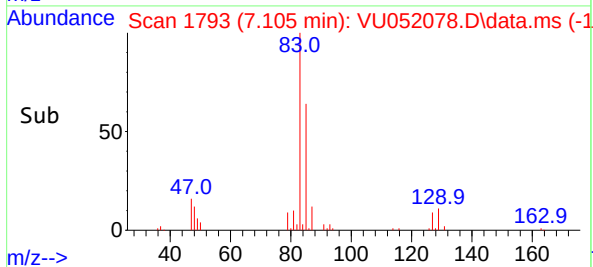
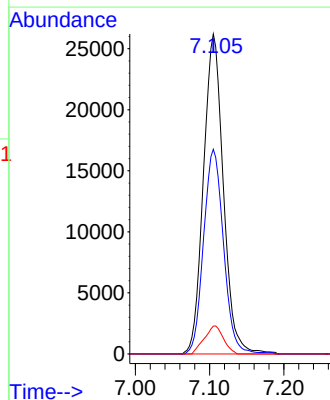
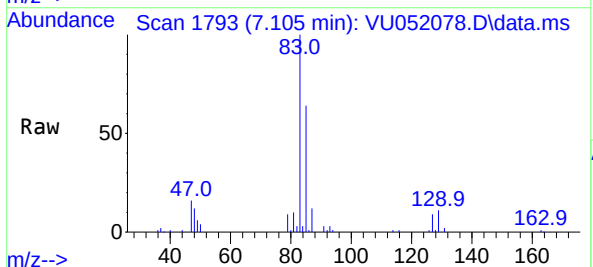
Instrument :
MSVOA_U
ClientSampleId :

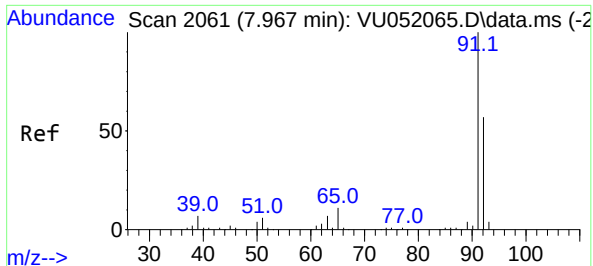
Tgt Ion: 63 Resp: 10719
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#38
Bromodichloromethane
Concen: 2.198 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU052078.D
Acq: 23 Nov 2022 08:55

Tgt Ion: 83 Resp: 48792
Ion Ratio Lower Upper
83 100
85 63.9 43.5 80.9
127 8.7 6.8 10.2

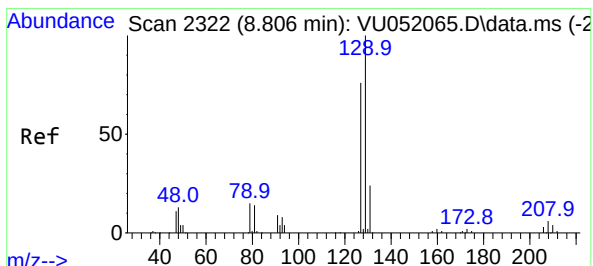
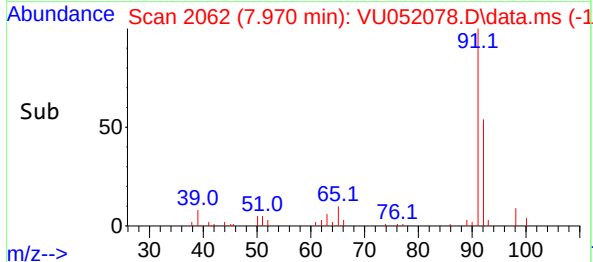
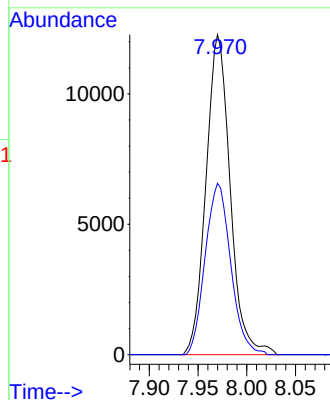
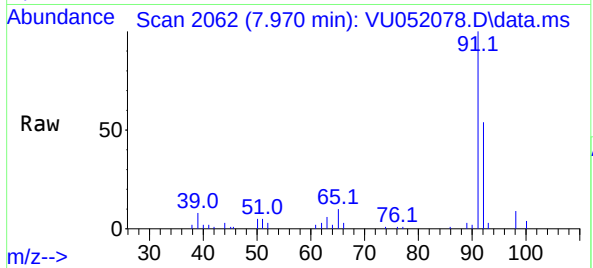




#42
Toluene
Concen: 0.293 ug/L
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052078.D
Acq: 23 Nov 2022 08:55

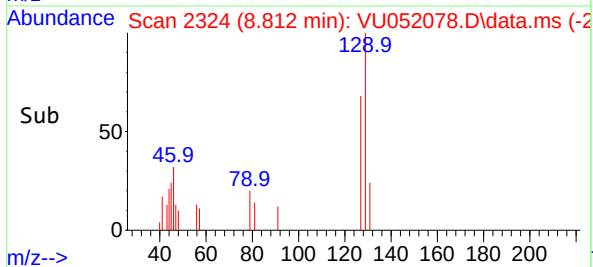
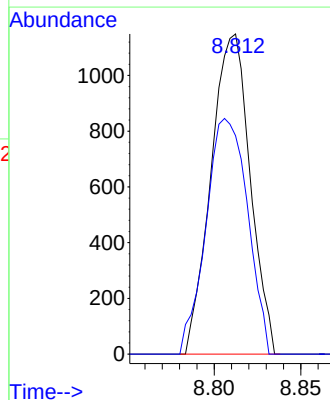
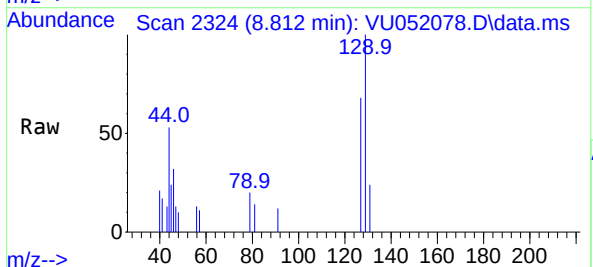
Instrument :
MSVOA_U
ClientSampleId :

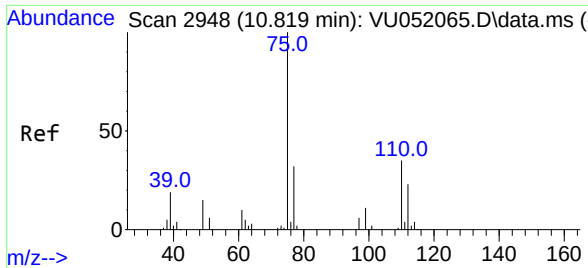
Tgt Ion: 91 Resp: 21183
Ion Ratio Lower Upper
91 100
92 53.5 40.7 75.5



#49
Dibromochloromethane
Concen: 0.118 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.006 min
Lab File: VU052078.D
Acq: 23 Nov 2022 08:55

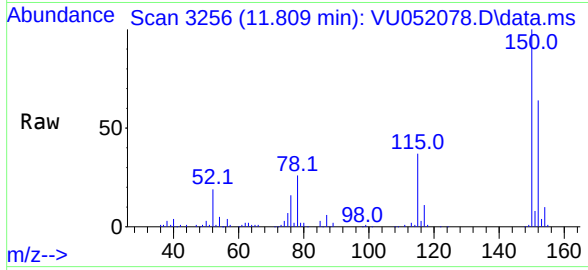
Tgt Ion: 129 Resp: 1805
Ion Ratio Lower Upper
129 100
127 68.2 52.8 98.2





#61
 1,2,3-Trichloropropane
 Concen: 1.026 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052078.D
 Acq: 23 Nov 2022 08:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9201

Ion	Ratio	Lower	Upper
75	100		
110	0.8	28.3	42.5#
77	31.7	26.2	39.2

