

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050227.D
 Acq On : 11 Aug 2022 13:45
 Operator : SY/MD
 Sample : N4160-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 01:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

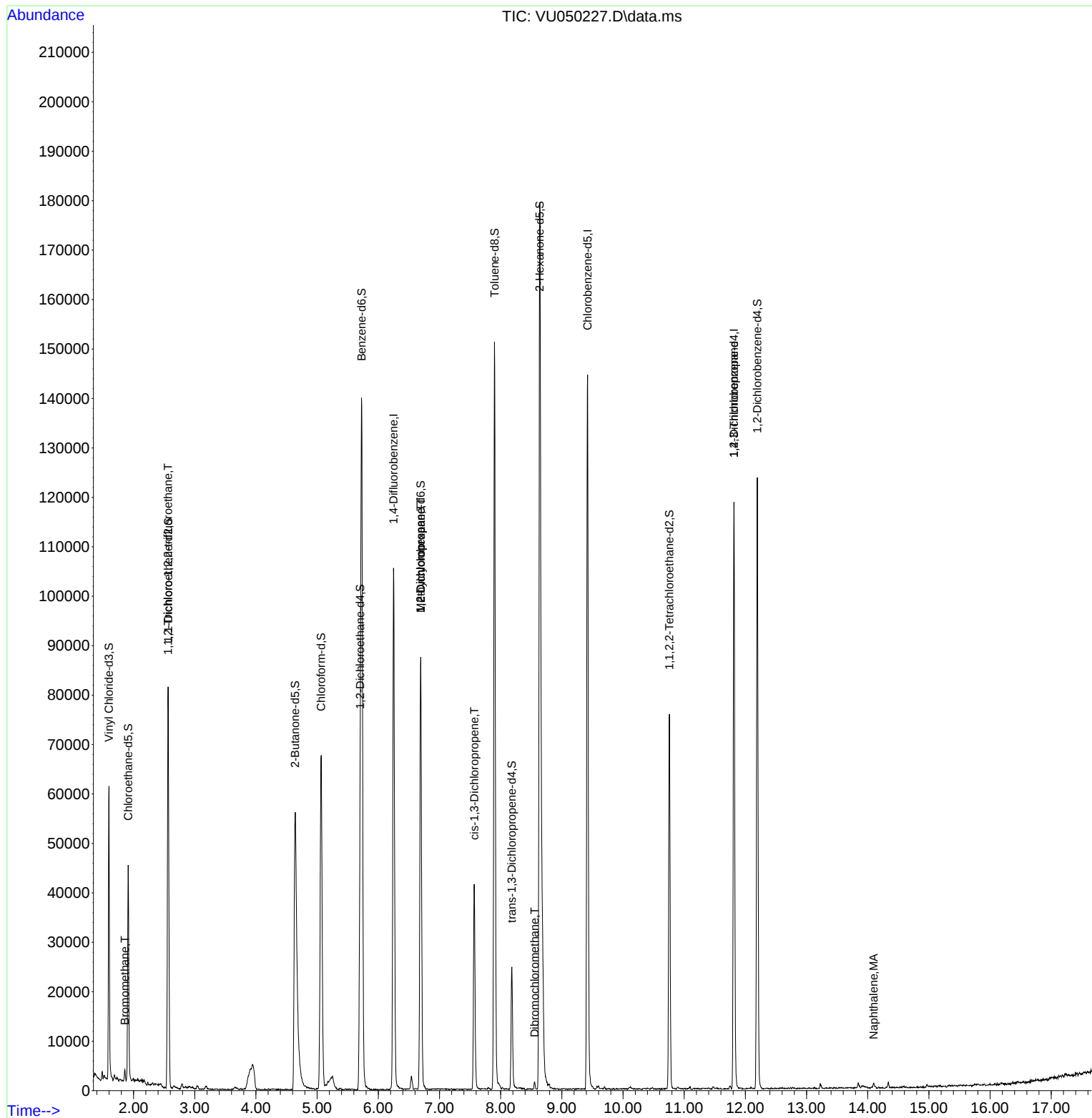
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	87189	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.420	117	84399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	32839	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	42153	5.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.200%	
7) Chloroethane-d5		1.913	69	31442	5.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2		2.565	65	15441	5.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.800%	
20) 2-Butanone-d5		4.642	46	105072	59.382	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.760%	
24) Chloroform-d		5.067	84	65644	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4		5.703	65	35488	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%	
32) Benzene-d6		5.729	84	131534	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6		6.694	67	44051	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%	
41) Toluene-d8		7.899	98	104471	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...		8.182	79	15504	4.988	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%	
46) 2-Hexanone-d5		8.639	63	57800	52.443	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.880%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	40002	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4		12.195	152	33804	5.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%	
Target Compounds							
						Qvalue	
6) Bromomethane		1.858	94	1050	0.176	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...		2.562	101	403	0.071	ug/L #	22
35) Methylcyclohexane		6.694	83	10288	1.114	ug/L #	18
37) 1,2-Dichloropropane		6.694	63	4607	0.585	ug/L #	89
39) cis-1,3-Dichloropropene		7.568	75	986	0.096	ug/L #	53
49) Dibromochloromethane		8.555	129	358	0.055	ug/L #	10
61) 1,2,3-Trichloropropane		11.812	75	4002	0.895	ug/L #	67
71) Naphthalene		14.095	128	1539	0.126	ug/L #	75

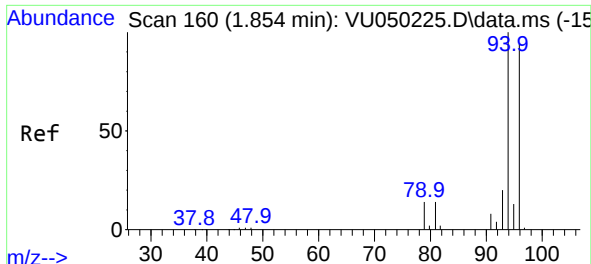
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
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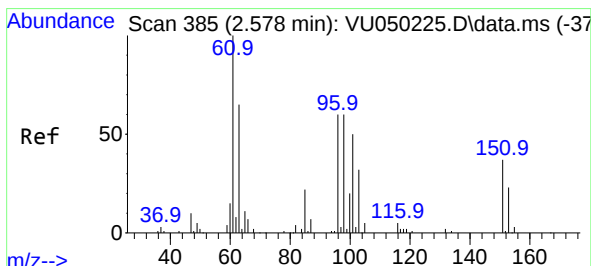
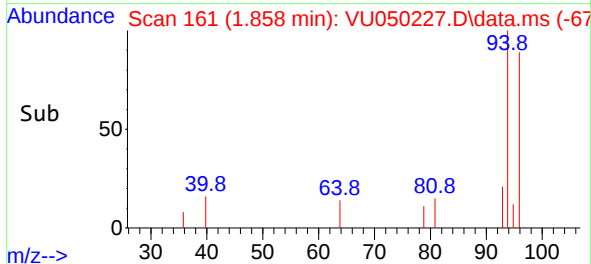
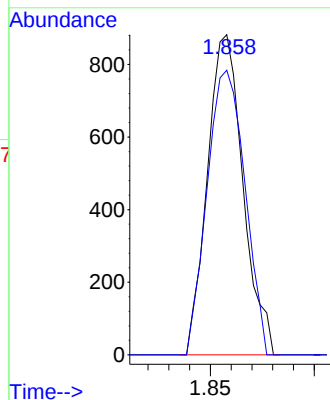
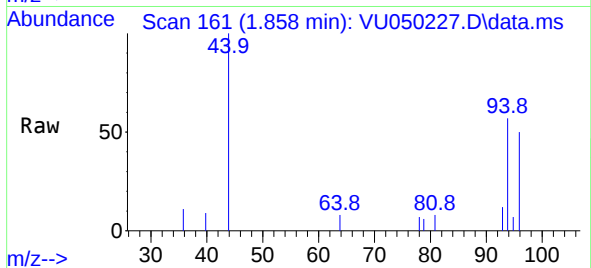




#6
Bromomethane
Concen: 0.176 ug/L
RT: 1.858 min Scan# 10
Delta R.T. 0.003 min
Lab File: VU050227.D
Acq: 11 Aug 2022 13:45

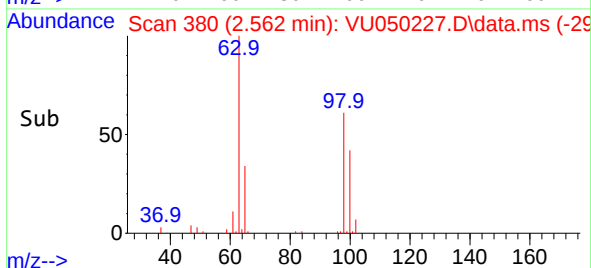
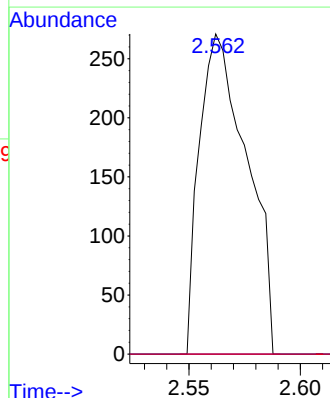
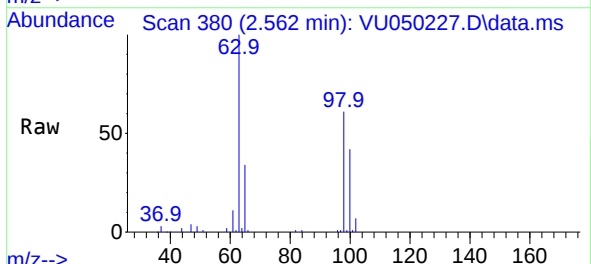
Instrument :
MSVOA_U
ClientSampleId :

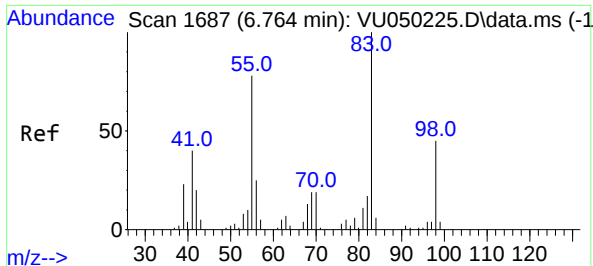
Tgt Ion: 94 Resp: 1050
Ion Ratio Lower Upper
94 100
96 88.9 65.3 121.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050227.D
Acq: 11 Aug 2022 13:45

Tgt Ion:101 Resp: 403
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#





#35

Methylcyclohexane

Concen: 1.114 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050227.D

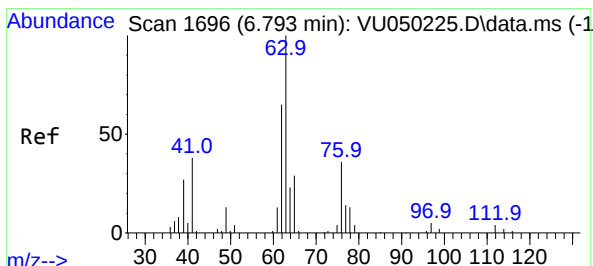
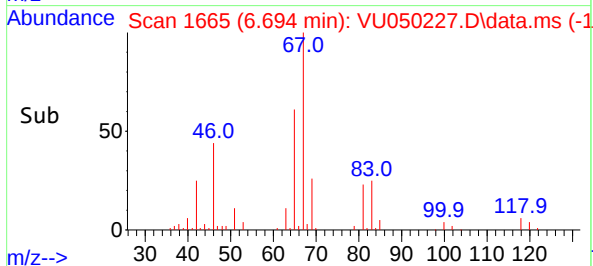
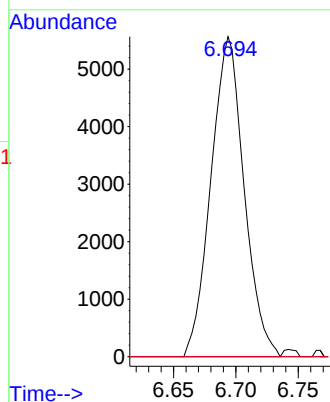
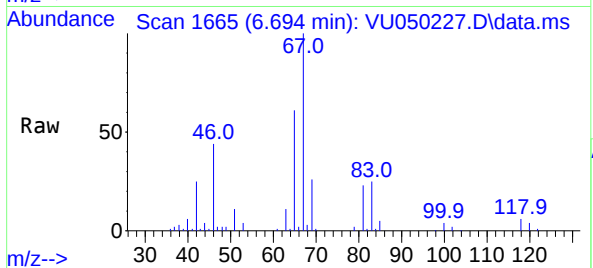
Acq: 11 Aug 2022 13:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10288
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.0	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.585 ug/L

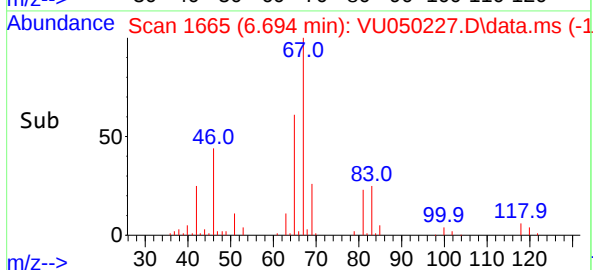
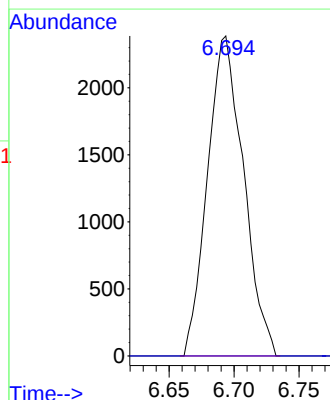
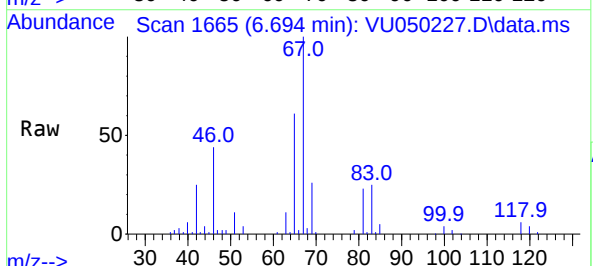
RT: 6.694 min Scan# 1665

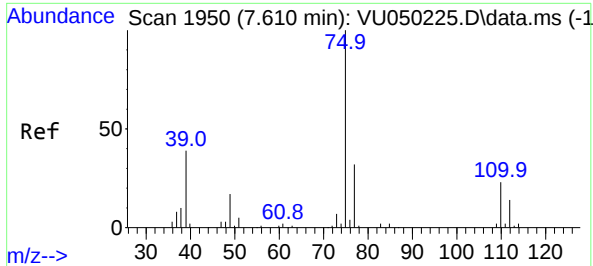
Delta R.T. -0.099 min

Lab File: VU050227.D

Acq: 11 Aug 2022 13:45

Tgt Ion: 63	Resp: 4607
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#

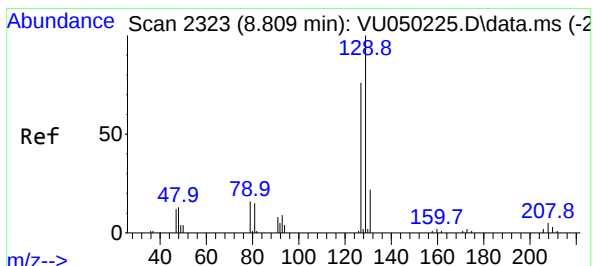
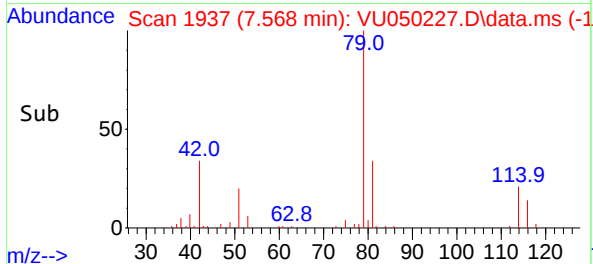
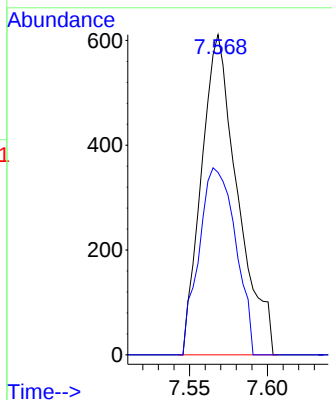
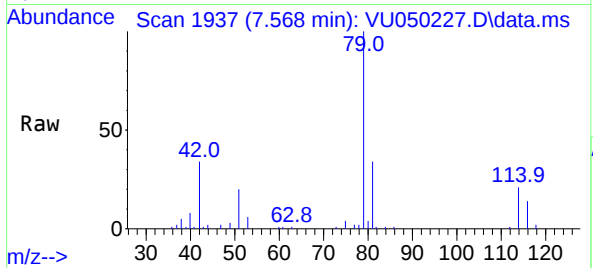




#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.568 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU050227.D
Acq: 11 Aug 2022 13:45

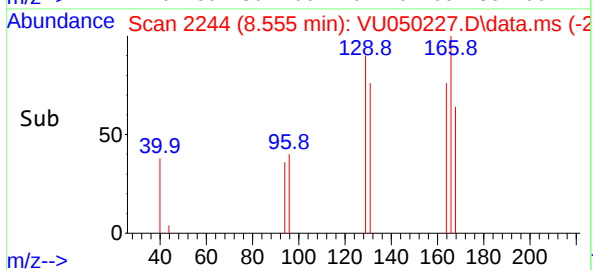
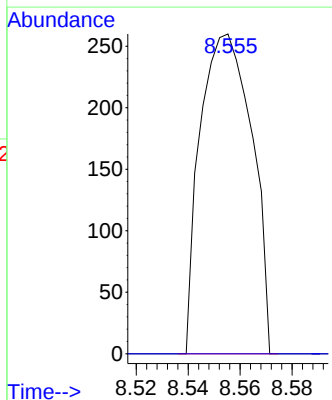
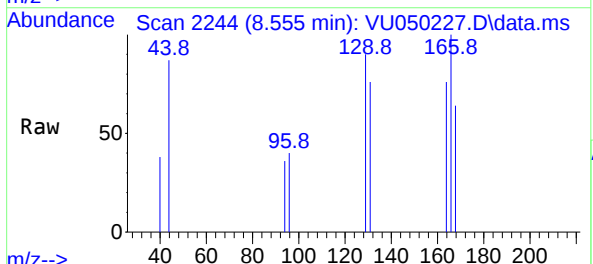
Instrument :
MSVOA_U
ClientSampleId :

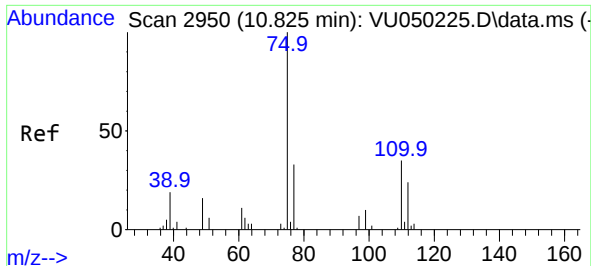
Tgt Ion: 75 Resp: 986
Ion Ratio Lower Upper
75 100
77 57.0 21.8 40.4#



#49
Dibromochloromethane
Concen: 0.055 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.254 min
Lab File: VU050227.D
Acq: 11 Aug 2022 13:45

Tgt Ion:129 Resp: 358
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#

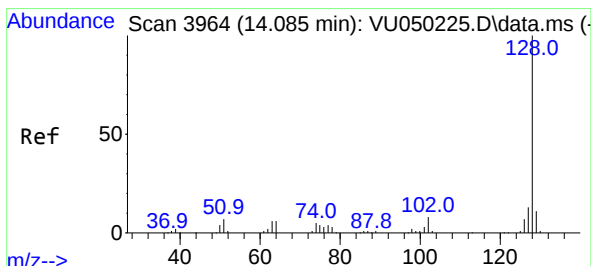
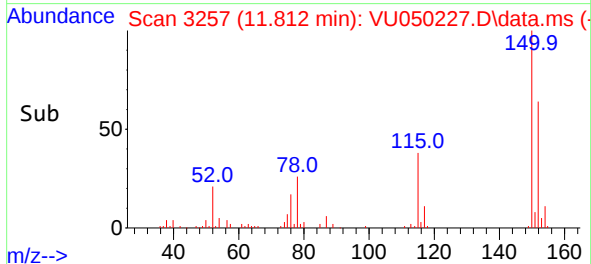
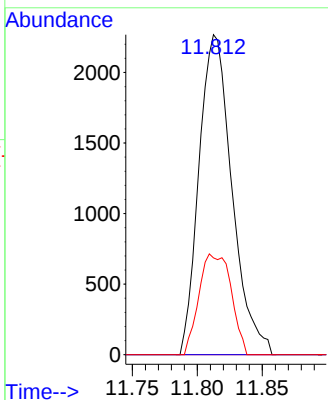
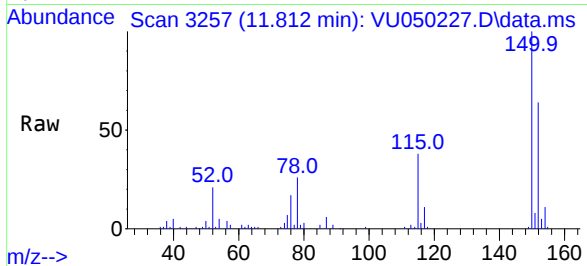




#61
1,2,3-Trichloropropane
Concen: 0.895 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU050227.D
Acq: 11 Aug 2022 13:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4002
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 30.6 25.8 38.6



#71
Naphthalene
Concen: 0.126 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU050227.D
Acq: 11 Aug 2022 13:45

Tgt Ion: 128 Resp: 1539
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 4.2 10.6 16.0#

