

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050108.D
 Acq On : 05 Aug 2022 20:47
 Operator : SY/MD
 Sample : N4027-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:04:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

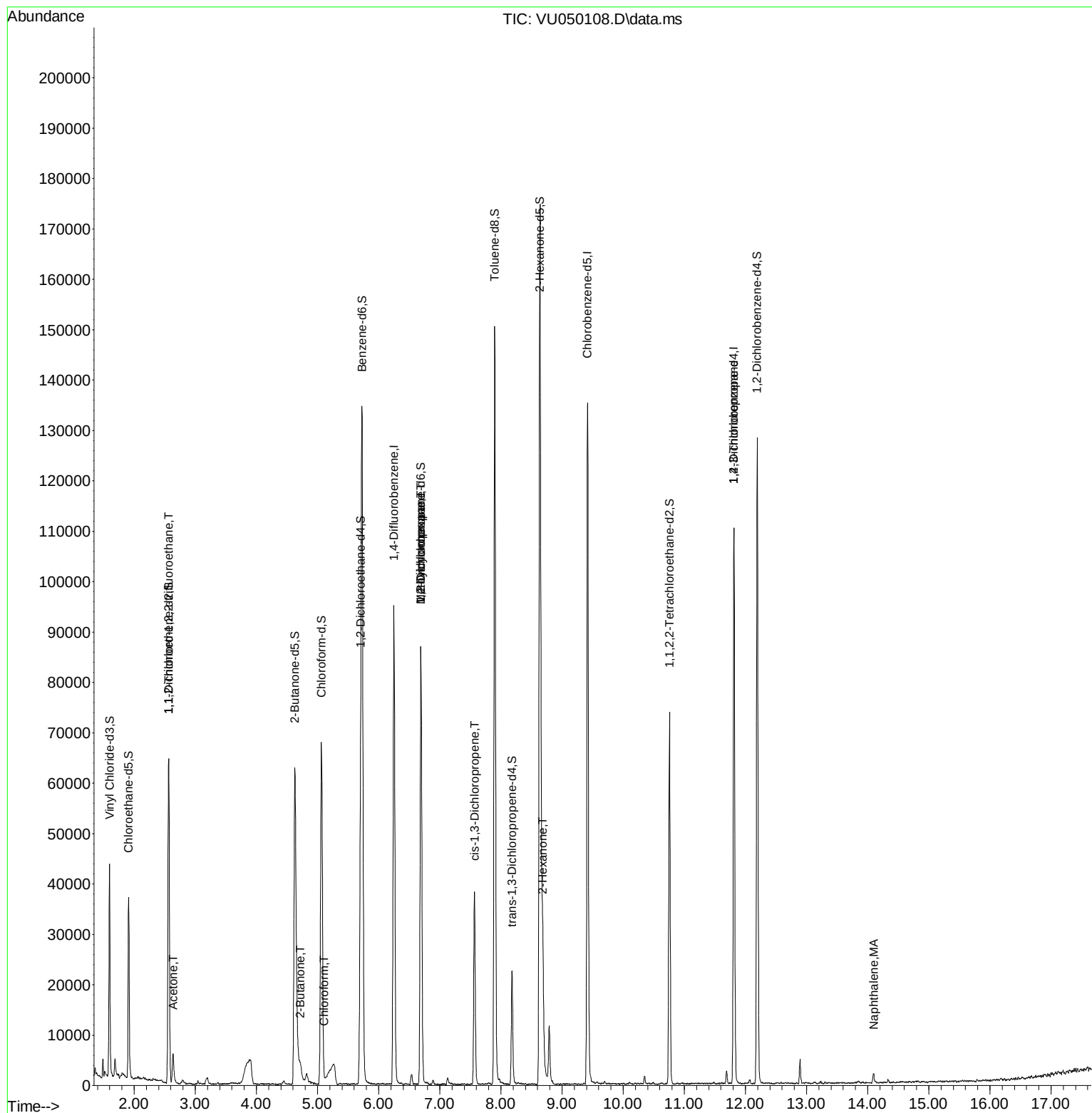
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30078	4.564	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.909	69	26582	5.000	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.565	65	11853	4.602	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	92.000%	
20) 2-Butanone-d5	4.629	46	95814	59.623	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	119.240%	
24) Chloroform-d	5.063	84	66127	5.395	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	107.800%	
26) 1,2-Dichloroethane-d4	5.706	65	35004	5.562	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	111.200%	
32) Benzene-d6	5.729	84	128629	5.163	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.690	67	44361	5.407	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	108.200%	
41) Toluene-d8	7.899	98	105946	4.815	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	8.182	79	14310	4.868	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	97.400%	
46) 2-Hexanone-d5	8.636	63	55828	53.551	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	107.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38543	5.350	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35296	6.003	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	120.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	249	0.048	ug/L #	22
13) Acetone	2.636	43	7588	8.479	ug/L	93
21) 2-Butanone	4.719	43	4154	2.581	ug/L	94
25) Chloroform	5.105	83	19	0.002	ug/L #	17
35) Methylcyclohexane	6.694	83	10096	1.156	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4515	0.606	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	886	0.091	ug/L #	60
48) 2-Hexanone	8.687	43	14193	4.252	ug/L #	87
61) 1,2,3-Trichloropropane	11.812	75	3682	0.901	ug/L #	66
71) Naphthalene	14.098	128	2456	0.220	ug/L #	87

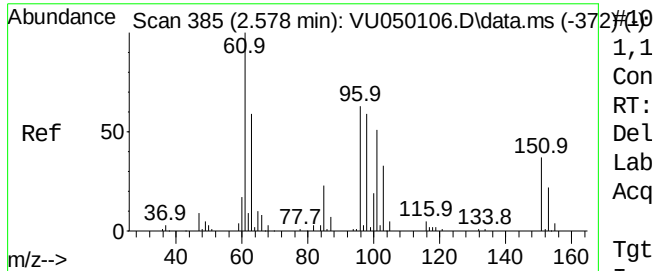
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 26 Sample Multiplier: 1

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MSVOA_U
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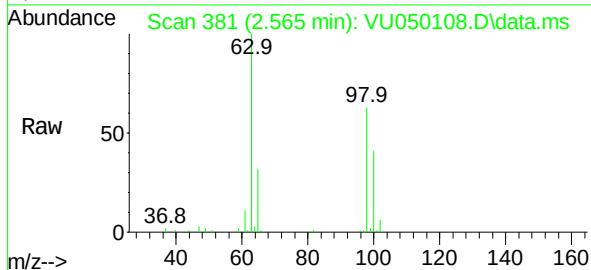
Quant Time: Aug 06 06:04:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 06:03:36 2022
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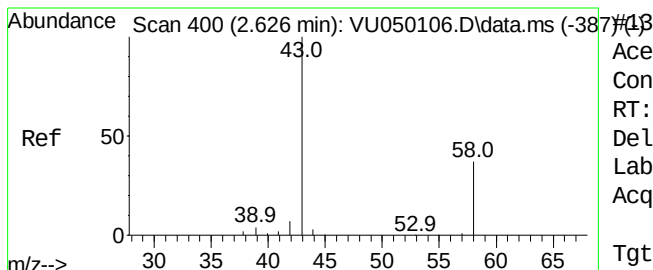
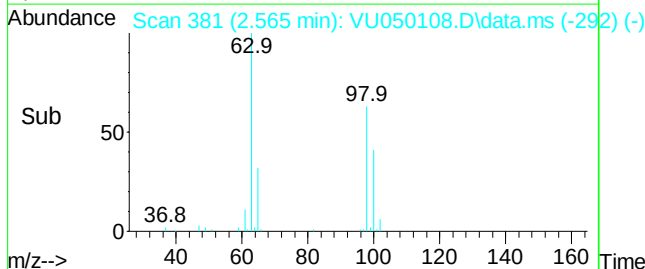
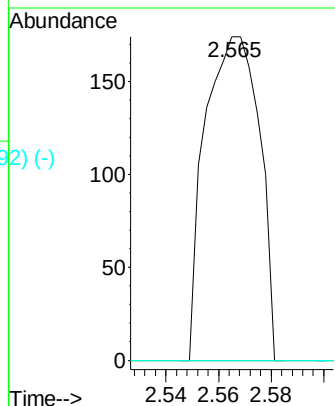


1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.048 ug/L
 RT: 2.565 min Scan# 410
 Delta R.T. -0.013 min
 Lab File: VU050108.D
 Acq: 05 Aug 2022 20:47

Instrument :
 MSVOA_U
 ClientSampleId :

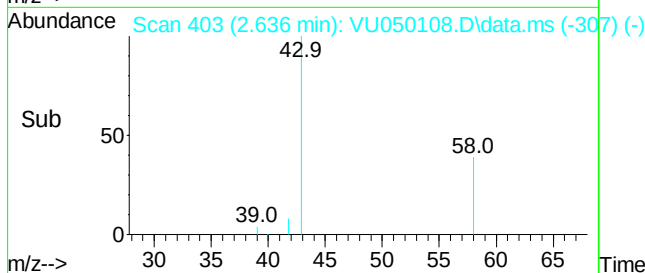
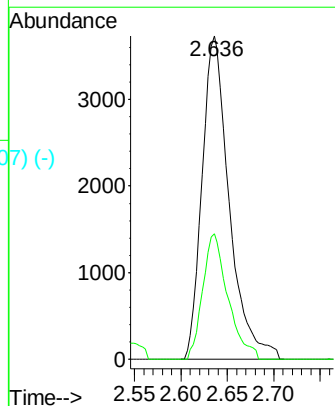
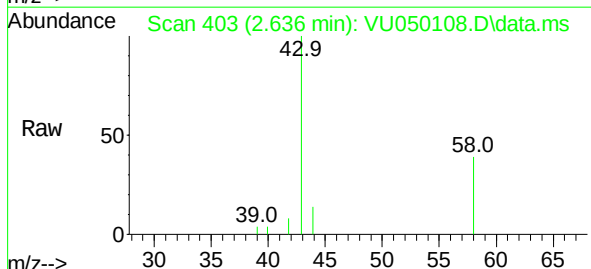


Tgt Ion:	101	Resp:	249
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	55.2	82.8#

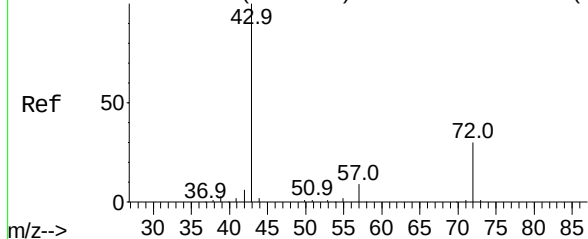


Acetone
 Concen: 8.479 ug/L
 RT: 2.636 min Scan# 403
 Delta R.T. 0.010 min
 Lab File: VU050108.D
 Acq: 05 Aug 2022 20:47

Tgt Ion:	43	Resp:	7588
Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	64.0



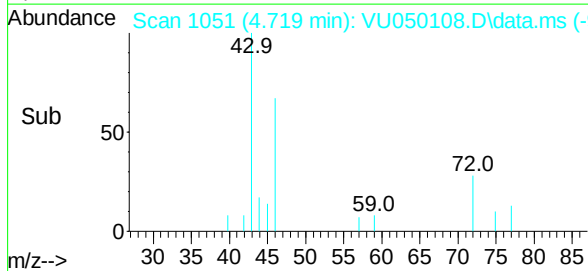
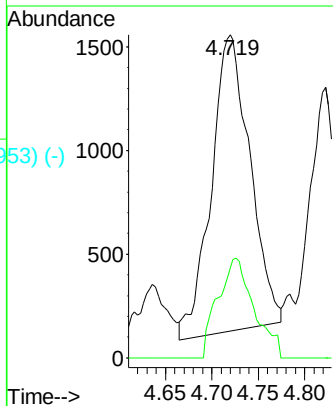
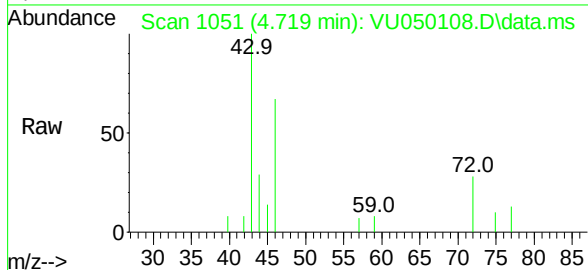
Abundance Scan 1046 (4.703 min): VU050106.D\data.ms (-10321-)



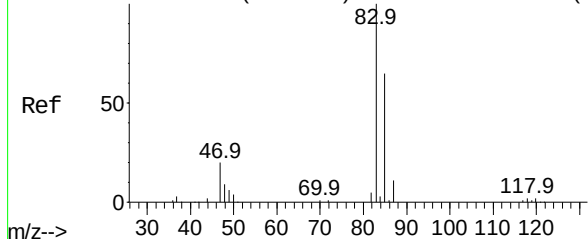
2-Butanone
Concen: 2.581 ug/L
RT: 4.719 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VU050108.D
Acq: 05 Aug 2022 20:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 4154
Ion Ratio Lower Upper
43 100
72 31.3 14.0 42.0

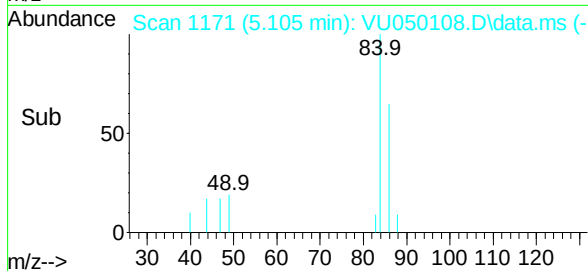
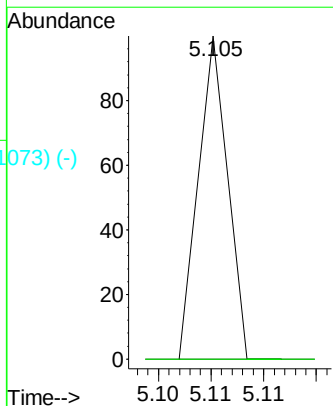
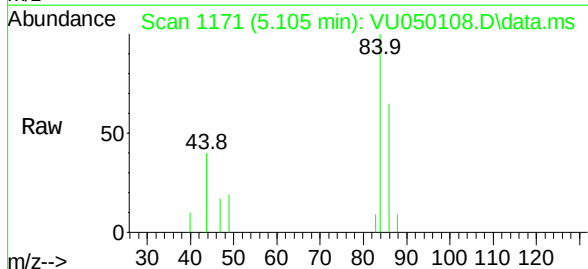


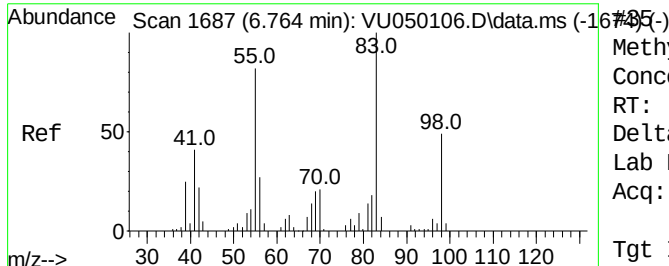
Abundance Scan 1166 (5.089 min): VU050106.D\data.ms (-11525-)



Chloroform
Concen: 0.002 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VU050108.D
Acq: 05 Aug 2022 20:47

Tgt Ion: 83 Resp: 19
Ion Ratio Lower Upper
83 100
85 0.0 46.1 85.5#





Methylcyclohexane

Concen: 1.156 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050108.D

Acq: 05 Aug 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :

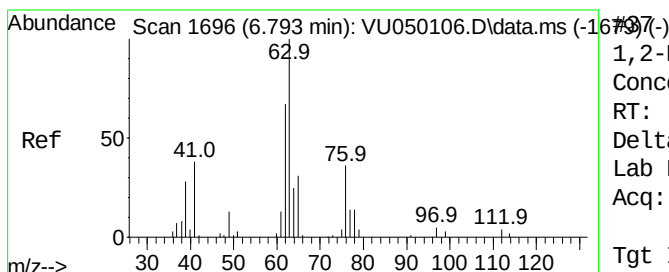
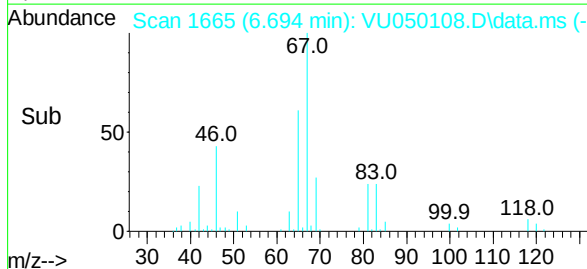
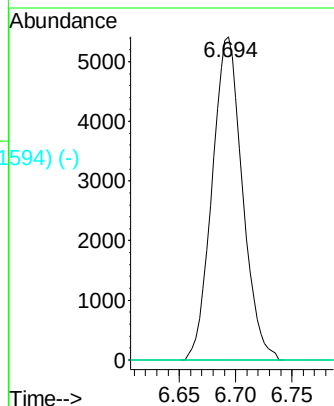
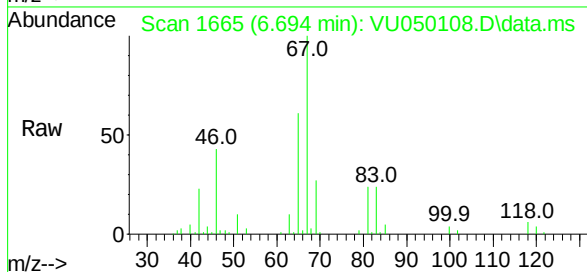
Tgt Ion: 83 Resp: 10096

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.5 36.2 54.2#



1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050108.D

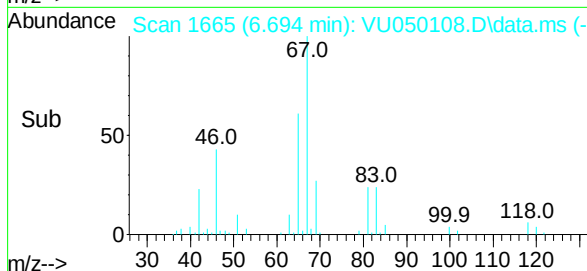
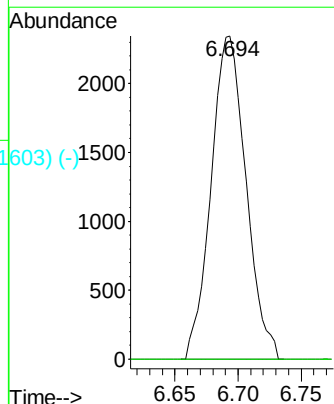
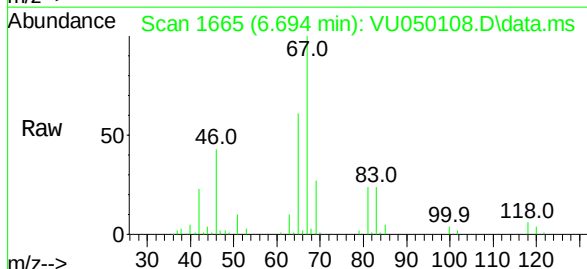
Acq: 05 Aug 2022 20:47

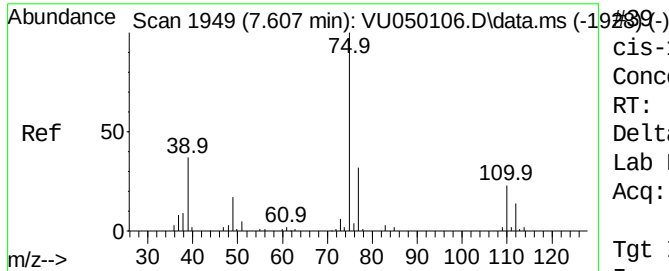
Tgt Ion: 63 Resp: 4515

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

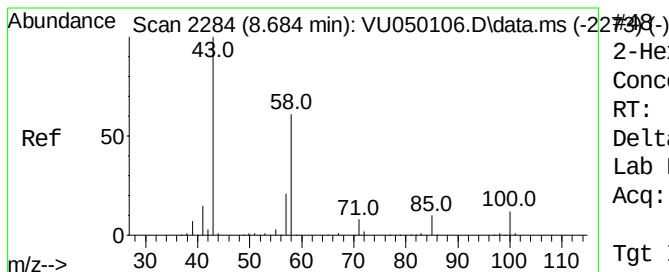
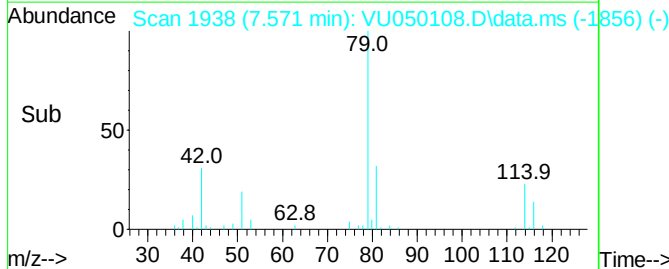
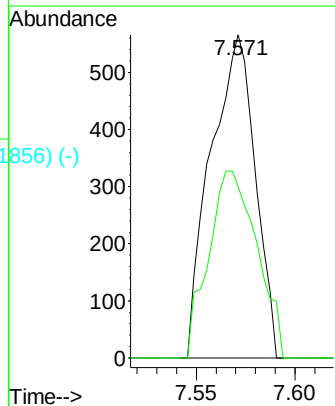
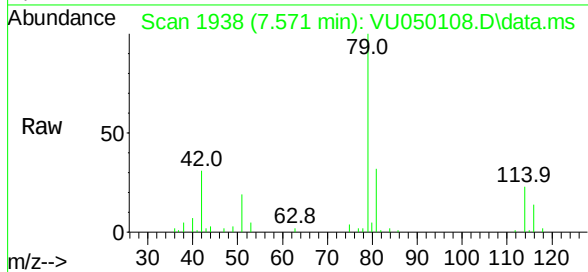




cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.571 min Scan# 1949
 Delta R.T. -0.035 min
 Lab File: VU050108.D
 Acq: 05 Aug 2022 20:47

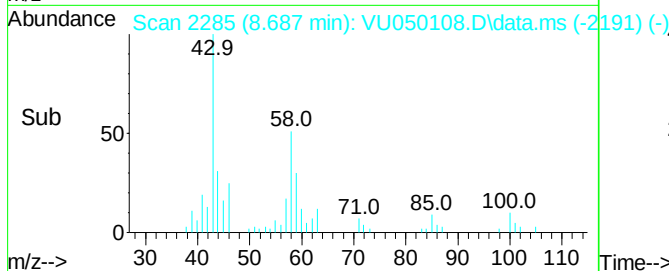
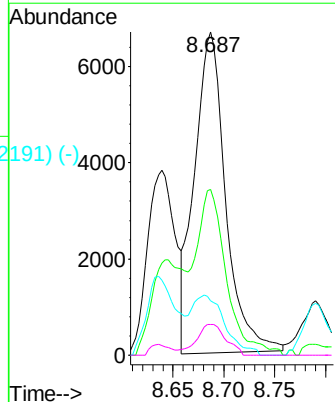
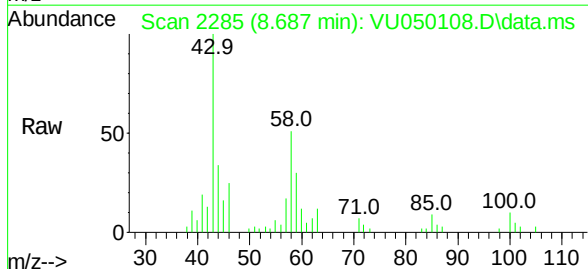
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 886
 Ion Ratio Lower Upper
 75 100
 77 53.0 21.8 40.4#



2-Hexanone
 Concen: 4.252 ug/L
 RT: 8.687 min Scan# 2285
 Delta R.T. 0.003 min
 Lab File: VU050108.D
 Acq: 05 Aug 2022 20:47

Tgt Ion: 43 Resp: 14193
 Ion Ratio Lower Upper
 43 100
 58 49.8 50.6 76.0#
 57 20.4 16.0 24.0
 100 9.0 9.8 14.8#



Abundance Scan 2949 (10.822 min): VU050106.D\data.ms (-354) (-)

1,2,3-Trichloropropane

Concen: 0.901 ug/L

RT: 11.812 min Scan# 362

Delta R.T. 0.990 min

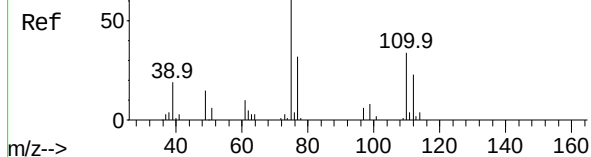
Lab File: VU050108.D

Acq: 05 Aug 2022 20:47

Instrument :

MSVOA_U

ClientSampleId :



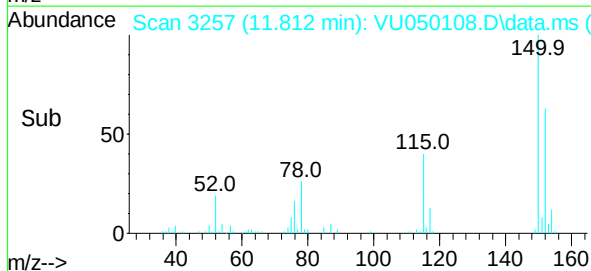
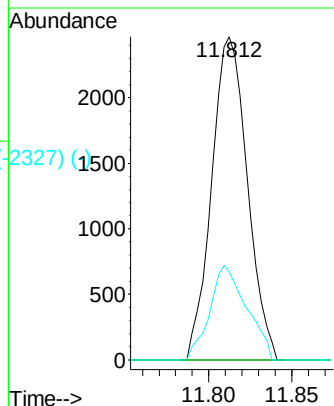
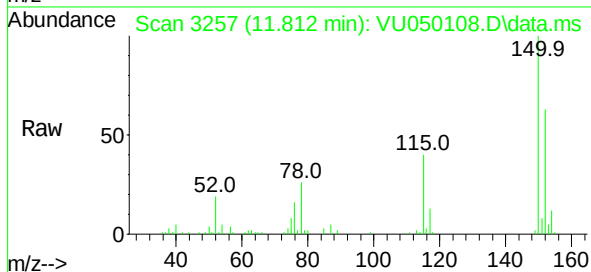
Tgt Ion: 75 Resp: 3682

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 30.3 25.8 38.6



Abundance Scan 3965 (14.089 min): VU050106.D\data.ms (-3972) (-)

Naphthalene

Concen: 0.220 ug/L

RT: 14.098 min Scan# 3968

Delta R.T. 0.010 min

Lab File: VU050108.D

Acq: 05 Aug 2022 20:47

Tgt Ion:128 Resp: 2456

Ion Ratio Lower Upper

128 100

129 6.6 8.6 12.8#

127 7.5 10.6 16.0#

