

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050118.D
 Acq On : 06 Aug 2022 00:53
 Operator : SY/MD
 Sample : N4070-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:06:02 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)

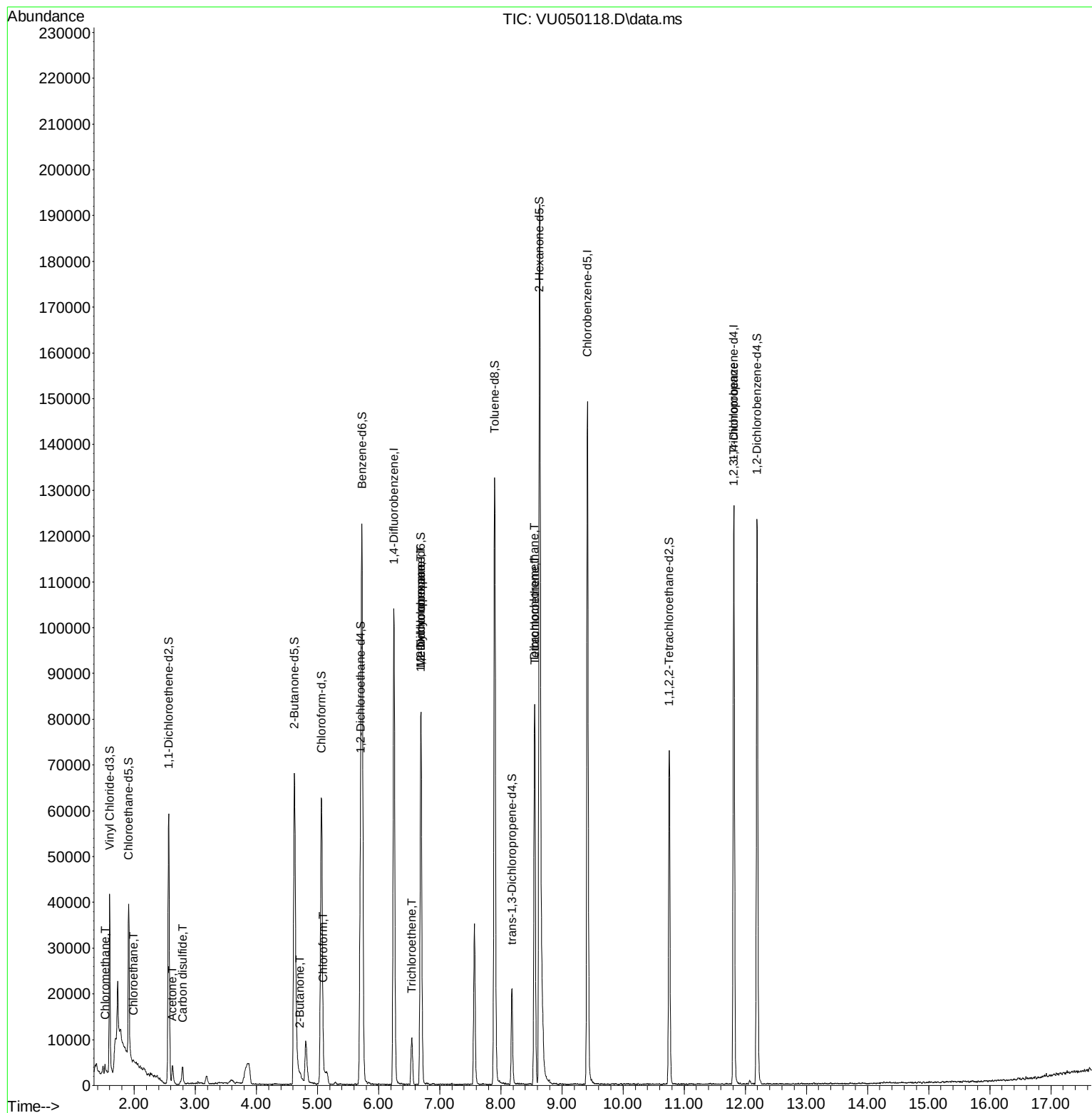
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27838	3.949	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.909	69	24417	4.294	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.565	65	11001	3.993	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	79.800%	
20) 2-Butanone-d5	4.623	46	98075	57.058	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	114.120%	
24) Chloroform-d	5.063	84	60265	4.597	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.703	65	32453	4.821	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	96.400%	
32) Benzene-d6	5.729	84	117045	4.319	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.690	67	41644	4.667	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	93.400%	
41) Toluene-d8	7.899	98	92489	3.865	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.182	79	13264	4.148	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.632	63	66922	59.016	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	118.040%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	38827	4.955	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	34131	4.941	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	98.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1606	0.158	ug/L	91
8) Chloroethane	1.986	64	734	0.137	ug/L #	42
13) Acetone	2.626	43	4916	5.135	ug/L	93
14) Carbon disulfide	2.793	76	5383	0.257	ug/L	97
21) 2-Butanone	4.713	43	2333	1.355	ug/L #	62
25) Chloroform	5.092	83	213	0.016	ug/L	88
34) Trichloroethene	6.546	95	3606	0.490	ug/L	98
35) Methylcyclohexane	6.693	83	9317	0.981	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	4237	0.523	ug/L #	89
47) Tetrachloroethene	8.555	164	18671	3.541	ug/L	98
49) Dibromochloromethane	8.552	129	17982	2.682	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	4165	0.867	ug/L #	67

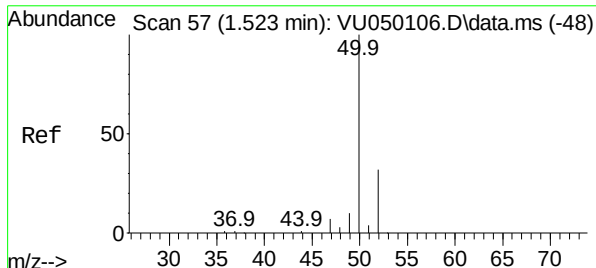
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

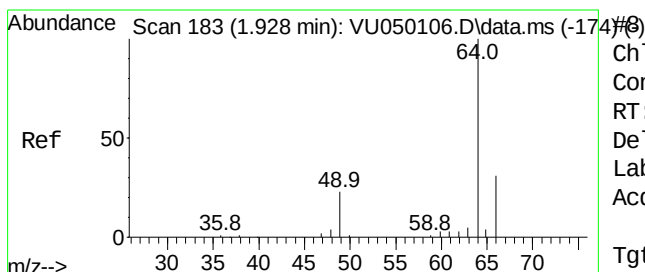
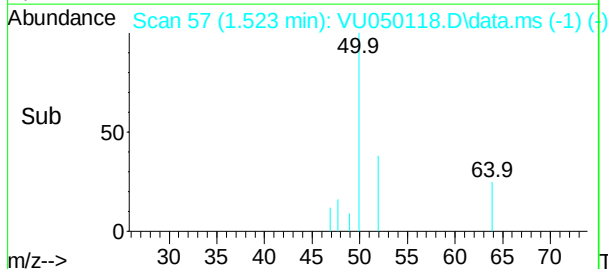
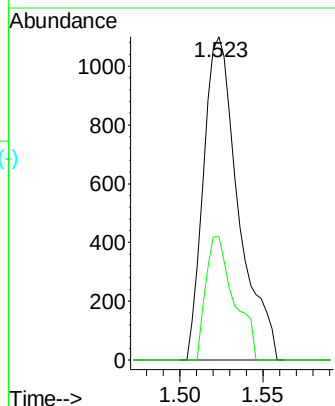
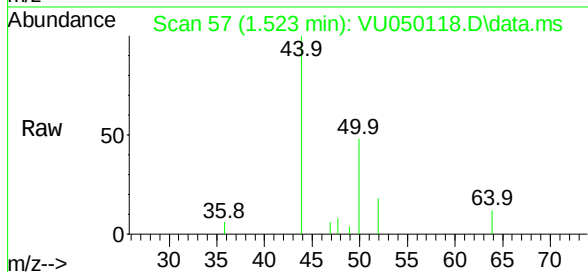




Chloromethane
 Concen: 0.158 ug/L
 RT: 1.523 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU050118.D
 Acq: 06 Aug 2022 00:53

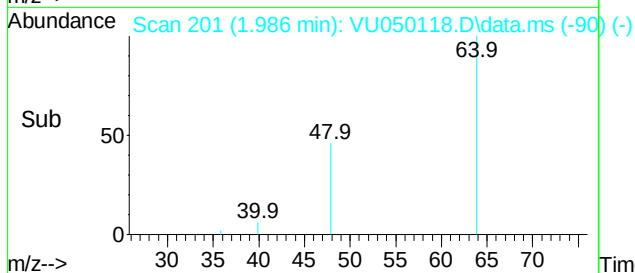
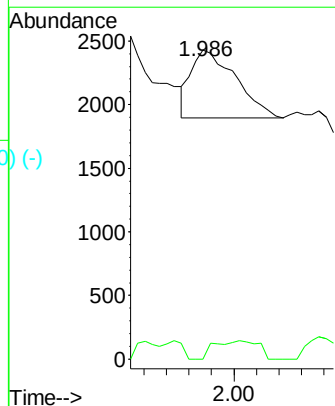
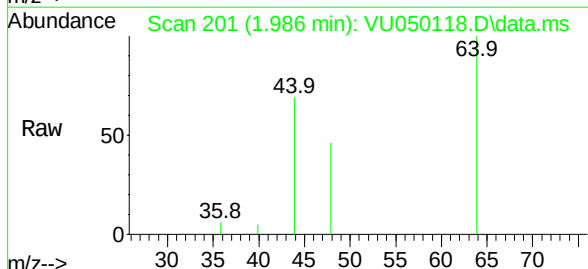
Instrument :
 MSVOA_U
 ClientSampleId :

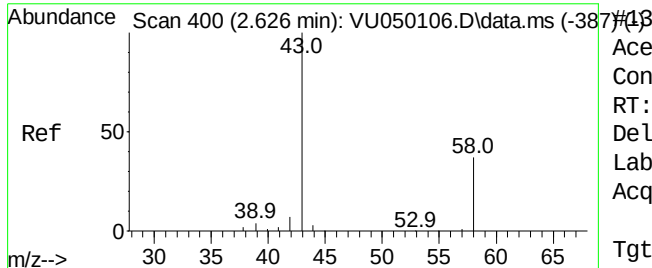
Tgt Ion: 50 Resp: 1606
 Ion Ratio Lower Upper
 50 100
 52 38.2 23.2 43.2



Chloroethane
 Concen: 0.137 ug/L
 RT: 1.986 min Scan# 201
 Delta R.T. 0.058 min
 Lab File: VU050118.D
 Acq: 06 Aug 2022 00:53

Tgt Ion: 64 Resp: 734
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.8 42.4#





Acetone

Concen: 5.135 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU050118.D

Acq: 06 Aug 2022 00:53

Instrument :

MSVOA_U

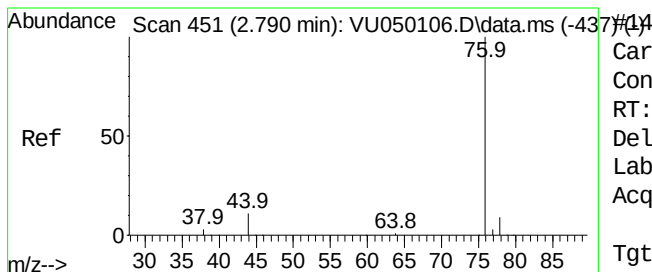
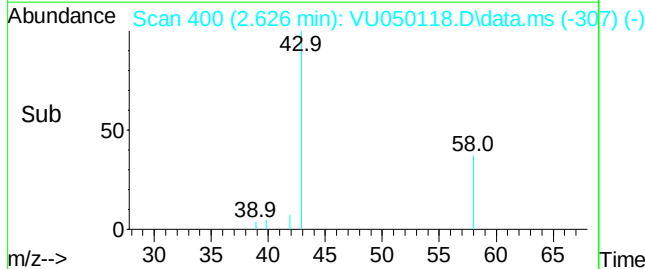
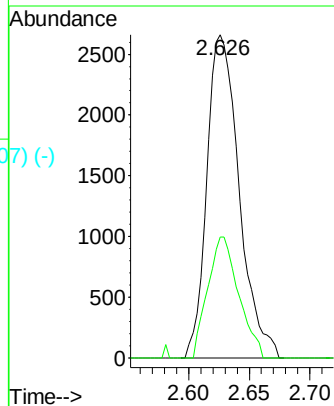
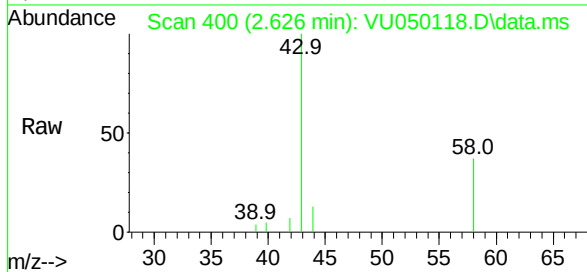
ClientSampleId :

Tgt Ion: 43 Resp: 4916

Ion Ratio Lower Upper

43 100

58 35.9 0.0 64.0



Carbon disulfide

Concen: 0.257 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050118.D

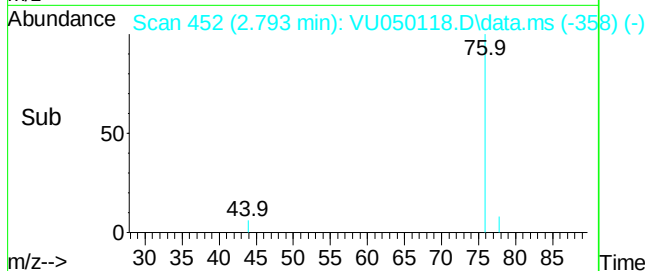
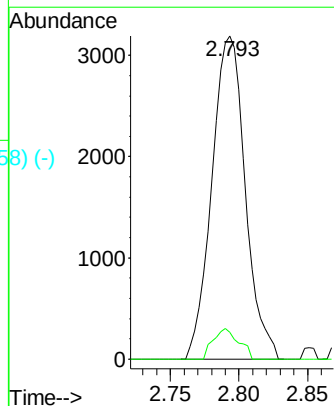
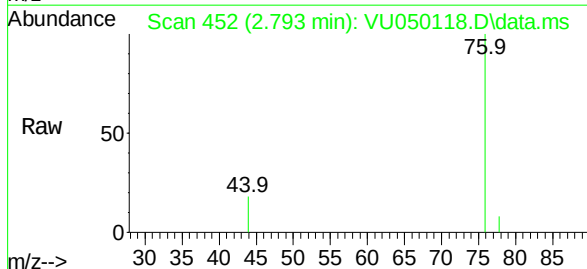
Acq: 06 Aug 2022 00:53

Tgt Ion: 76 Resp: 5383

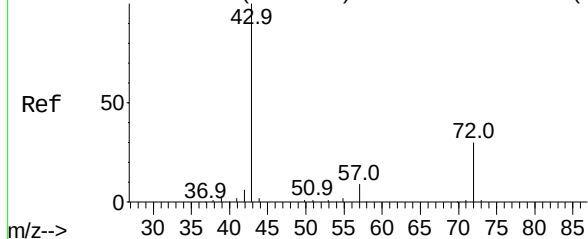
Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0



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



2-Butanone

Concen: 1.355 ug/L

RT: 4.713 min Scan#

Delta R.T. 0.010 min

Lab File: VU050118.D

Acq: 06 Aug 2022 00:53

Instrument :

MSVOA_U

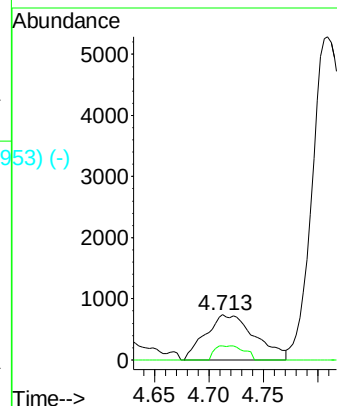
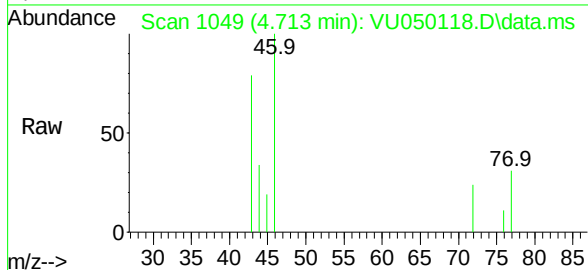
ClientSampleId :

Tgt Ion: 43 Resp: 2333

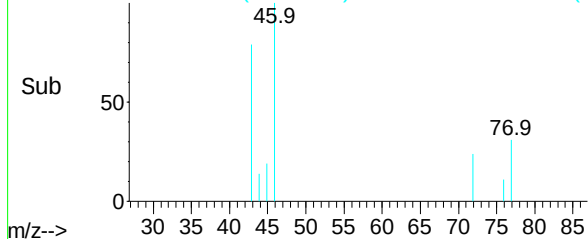
Ion Ratio Lower Upper

43 100

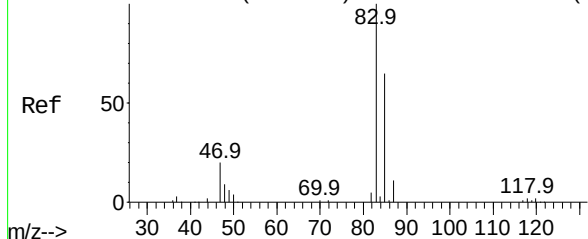
72 8.1 14.0 42.0#



Abundance Scan 1049 (4.713 min): VU050118.D\data.ms (-953) (-)



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



Chloroform

Concen: 0.016 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU050118.D

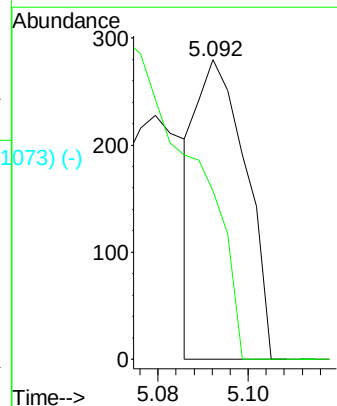
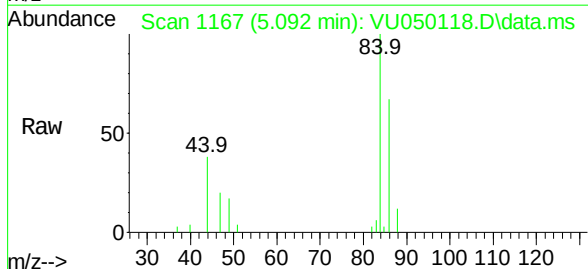
Acq: 06 Aug 2022 00:53

Tgt Ion: 83 Resp: 213

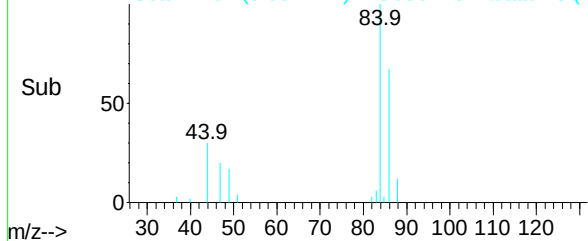
Ion Ratio Lower Upper

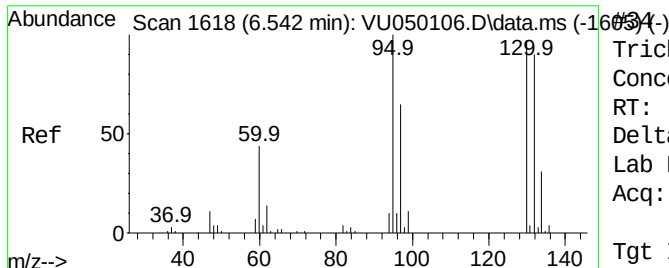
83 100

85 56.1 46.1 85.5



Abundance Scan 1167 (5.092 min): VU050118.D\data.ms (-1073) (-)





Trichloroethene

Concen: 0.490 ug/L

RT: 6.546 min Scan# 16034

Delta R.T. 0.003 min

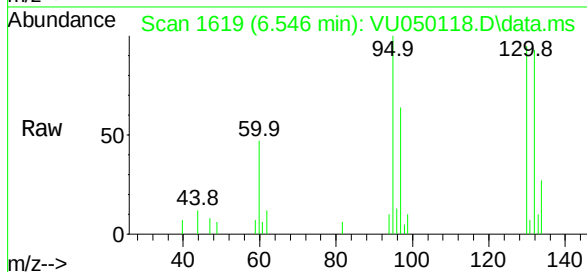
Lab File: VU050118.D

Acq: 06 Aug 2022 00:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 3606

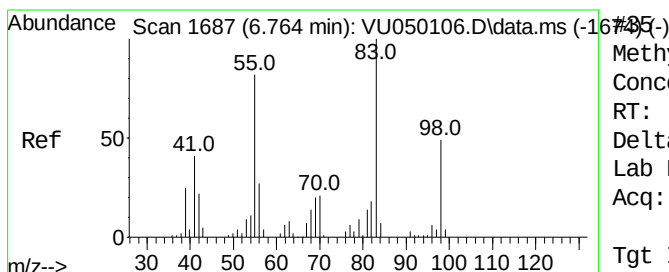
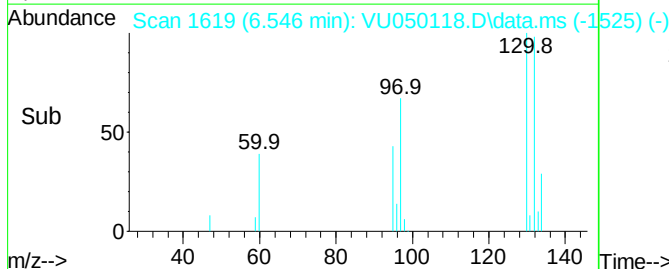
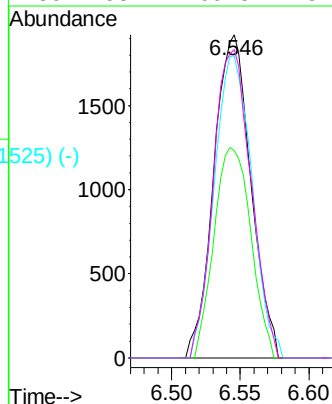
Ion Ratio Lower Upper

95 100

97 64.1 45.6 84.8

132 93.4 65.0 120.6

130 95.4 69.3 128.7



Methylcyclohexane

Concen: 0.981 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050118.D

Acq: 06 Aug 2022 00:53

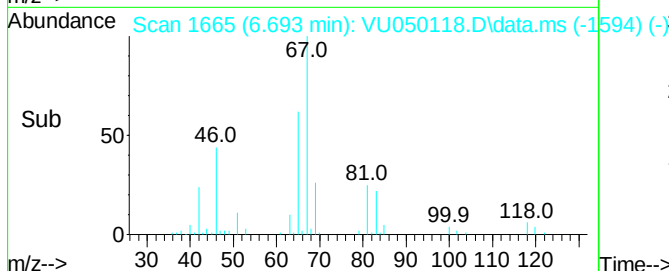
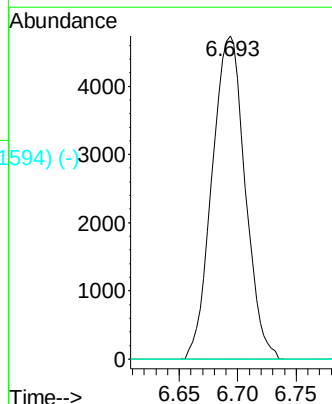
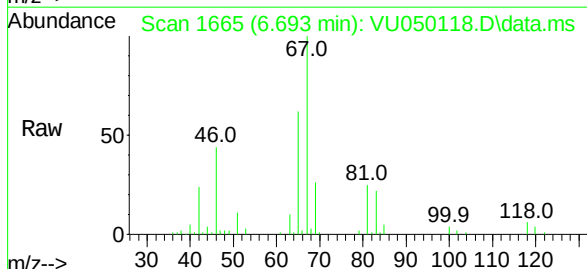
Tgt Ion: 83 Resp: 9317

Ion Ratio Lower Upper

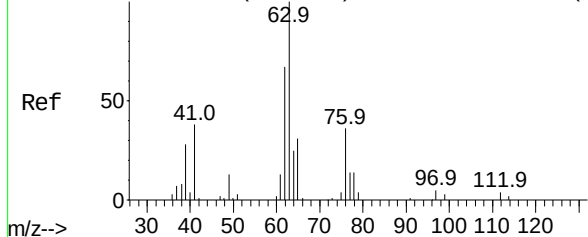
83 100

55 0.0 62.7 94.1#

98 2.6 36.2 54.2#



Abundance Scan 1696 (6.793 min): VU050106.D\data.ms (-16797-)



1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.693 min Scan#

Delta R.T. -0.100 min

Lab File: VU050118.D

Acq: 06 Aug 2022 00:53

Instrument :

MSVOA_U

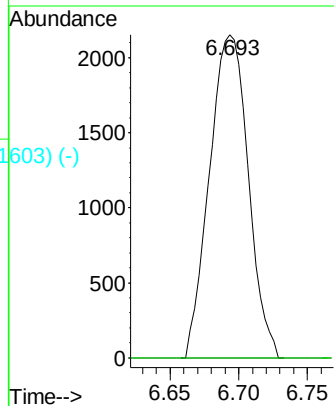
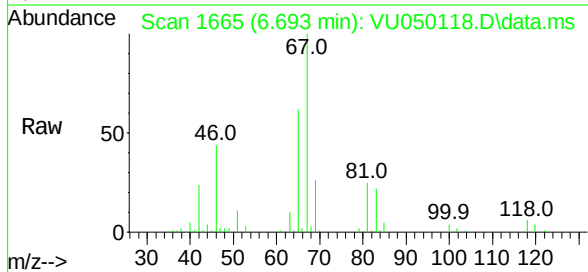
ClientSampleId :

Tgt Ion: 63 Resp: 4237

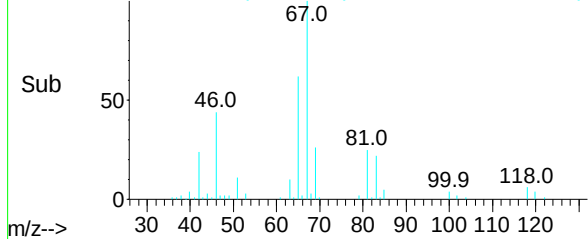
Ion Ratio Lower Upper

63 100

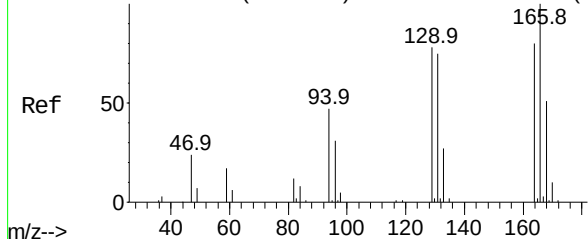
112 0.0 3.0 4.4#



Abundance Scan 1665 (6.693 min): VU050118.D\data.ms (-1603-)



Abundance Scan 2244 (8.555 min): VU050106.D\data.ms (-22347-)



Tetrachloroethene

Concen: 3.541 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU050118.D

Acq: 06 Aug 2022 00:53

Tgt Ion: 164 Resp: 18671

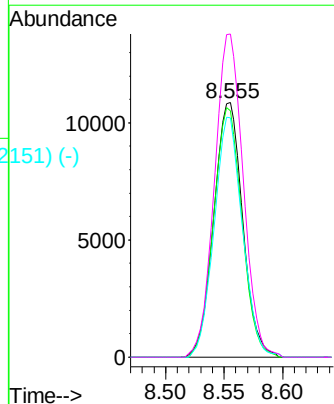
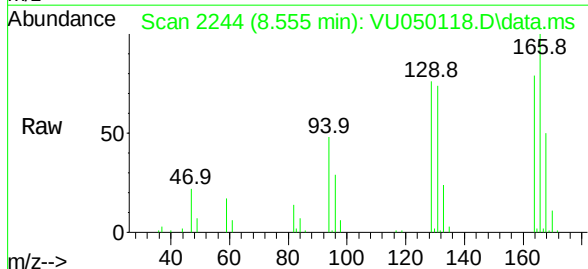
Ion Ratio Lower Upper

164 100

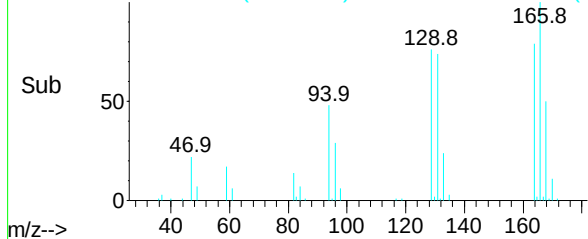
129 96.8 69.0 128.1

131 94.0 65.8 122.2

166 127.0 86.1 159.9



Abundance Scan 2244 (8.555 min): VU050118.D\data.ms (-2151-)



Abundance Scan 2324 (8.812 min): VU050106.D\data.ms (-2319) (-)

Dibromochloromethane

Concen: 2.682 ug/L

RT: 8.552 min Scan# 1

Delta R.T. -0.260 min

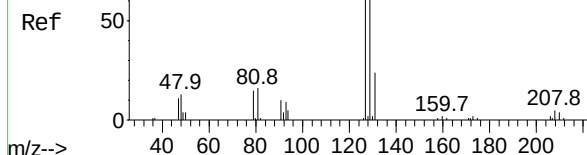
Lab File: VU050118.D

Acq: 06 Aug 2022 00:53

Instrument :

MSVOA_U

ClientSampleId :

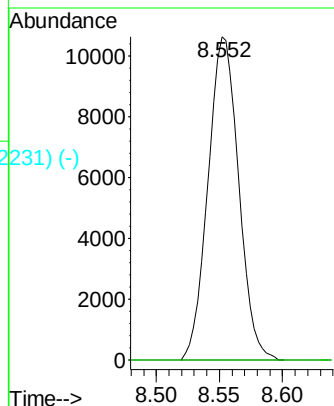
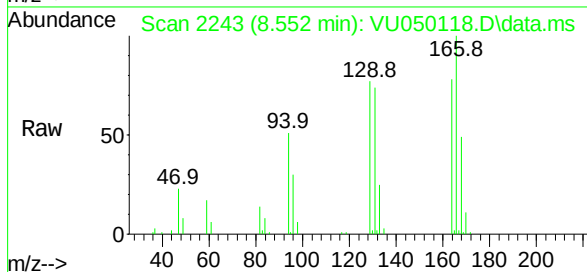


Tgt Ion:129 Resp: 17982

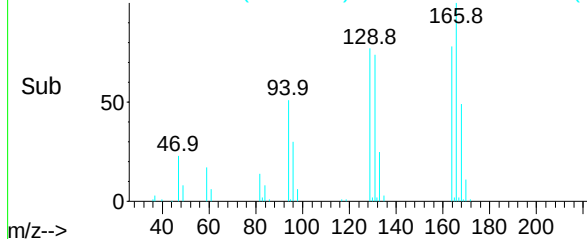
Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



Abundance Scan 2243 (8.552 min): VU050118.D\data.ms (-2231) (-)



Abundance Scan 2949 (10.822 min): VU050106.D\data.ms (-2951) (-)

1,2,3-Trichloropropane

Concen: 0.867 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU050118.D

Acq: 06 Aug 2022 00:53

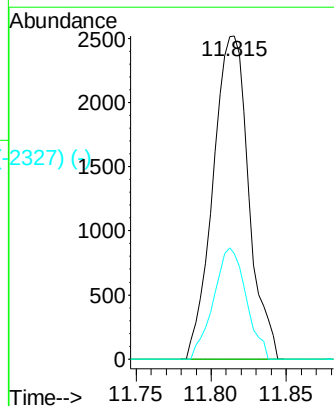
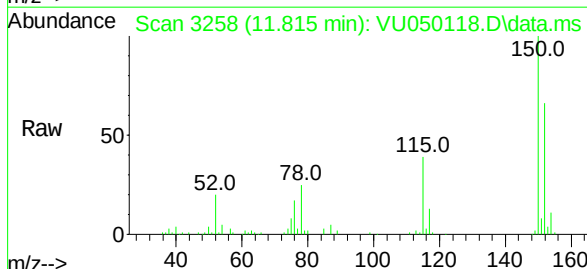
Tgt Ion: 75 Resp: 4165

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 31.4 25.8 38.6



Abundance Scan 3258 (11.815 min): VU050118.D\data.ms (-2327) (-)

