

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050122.D
 Acq On : 06 Aug 2022 02:32
 Operator : SY/MD
 Sample : N4070-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:06:33 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	73285	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	75307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27309	4.478	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.909	69	25031	5.087	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.565	65	10664	4.474	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.620	46	94481	63.527	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	127.060%	
24) Chloroform-d	5.063	84	62711	5.528	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	110.600%	
26) 1,2-Dichloroethane-d4	5.703	65	33243	5.707	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	114.200%	
32) Benzene-d6	5.726	84	118931	5.061	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.694	67	42867	5.539	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	110.800%	
41) Toluene-d8	7.899	98	95574	4.605	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	8.179	79	13226	4.769	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.632	63	64280	65.364	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	130.720%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37853	5.570	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34575	5.987	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	119.800%	
Target Compounds			Qvalue			
3) Chloromethane	1.520	50	2194	0.250	ug/L	84
5) Vinyl chloride	1.604	62	1997	0.254	ug/L #	1
8) Chloroethane	2.150	64	451	0.097	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	265	0.055	ug/L #	22
13) Acetone	2.626	43	11887	14.352	ug/L	90
14) Carbon disulfide	2.793	76	9646	0.533	ug/L	98
15) Methyl Acetate	2.954	43	479	0.212	ug/L #	46
18) trans-1,2-Dichloroethene	3.353	96	942	0.166	ug/L	84
21) 2-Butanone	4.716	43	3169	2.128	ug/L	90
22) cis-1,2-Dichloroethene	4.668	96	46171	7.334	ug/L	100
34) Trichloroethene	6.542	95	9981	1.564	ug/L	98
35) Methylcyclohexane	6.690	83	9705	1.178	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4088	0.582	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	832	0.091	ug/L #	39
61) 1,2,3-Trichloropropane	11.812	75	3596	0.896	ug/L #	67

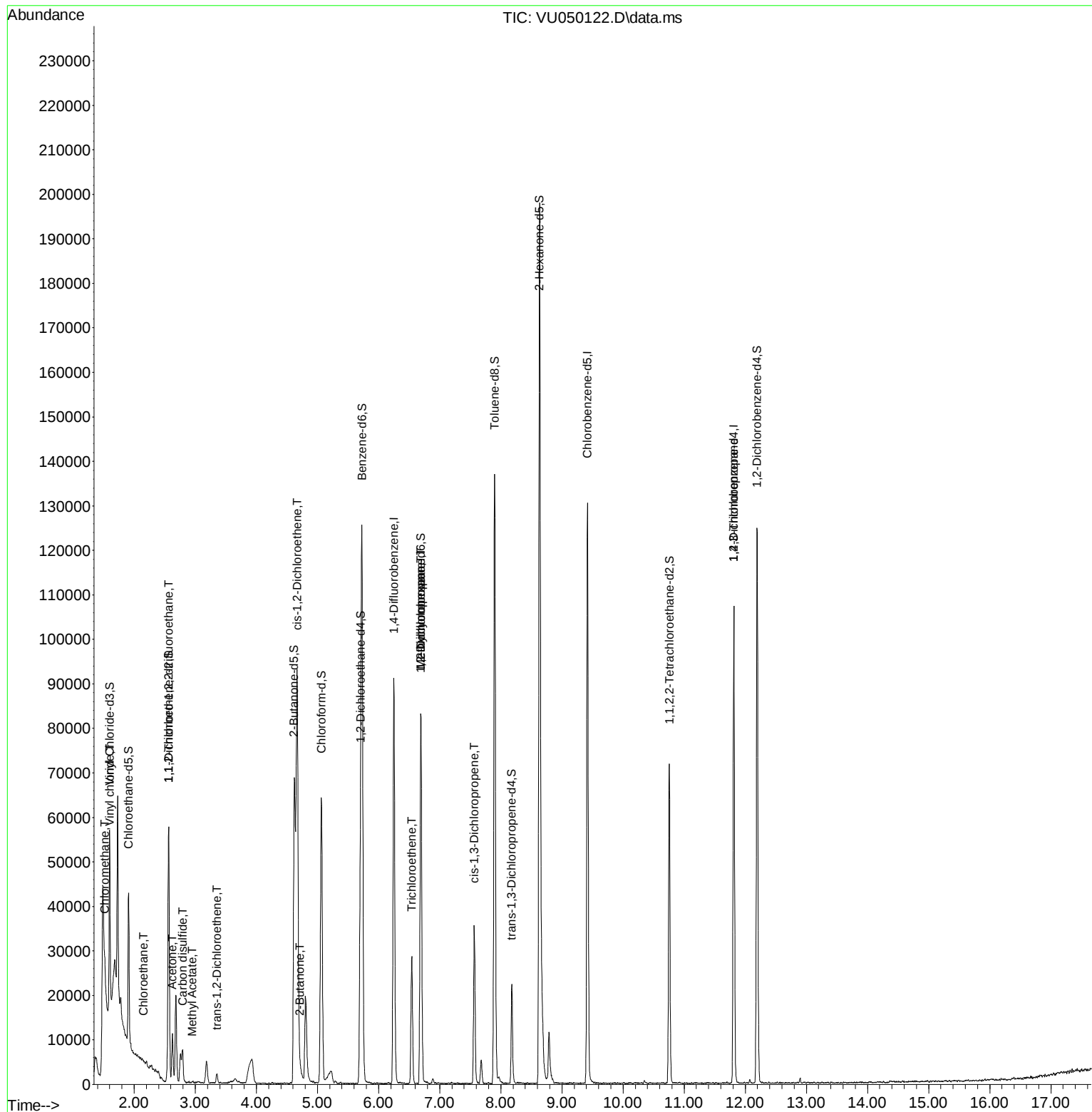
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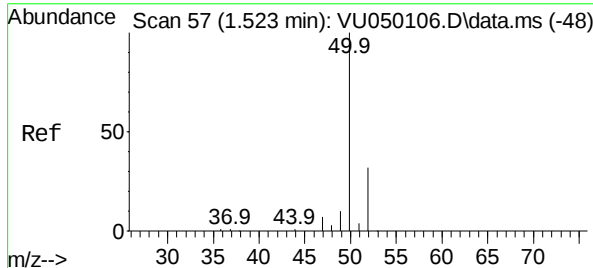
Instrument :
MSVOA_U
ClientSampleId :

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Response via : Initial Calibration

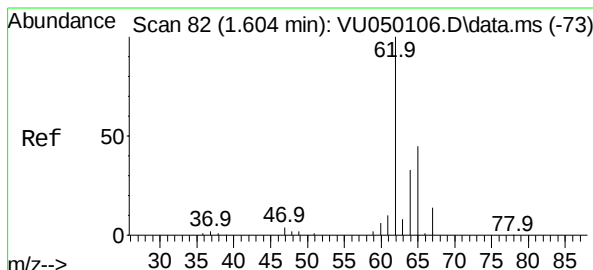
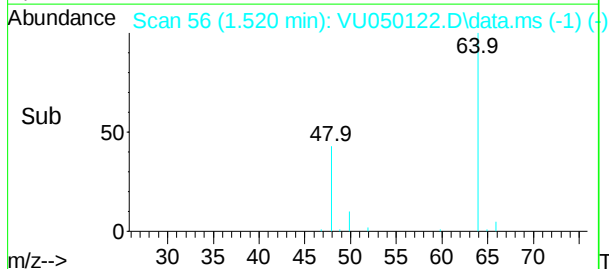
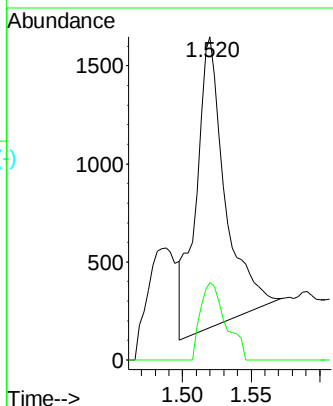
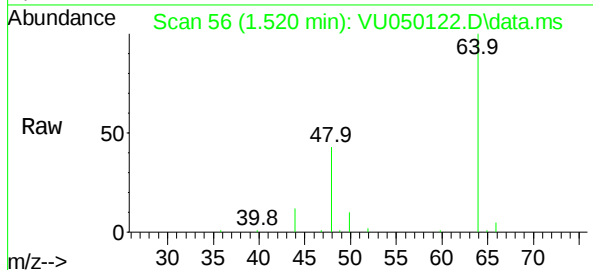




Chloromethane
 Concen: 0.250 ug/L
 RT: 1.520 min Scan# 57
 Delta R.T. -0.003 min
 Lab File: VU050122.D
 Acq: 06 Aug 2022 02:32

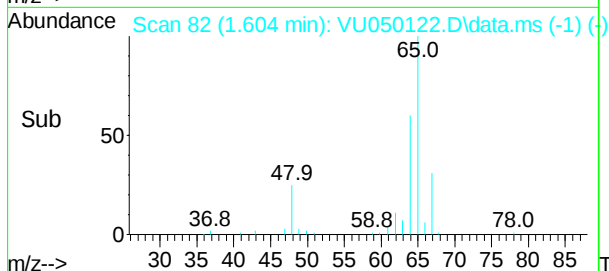
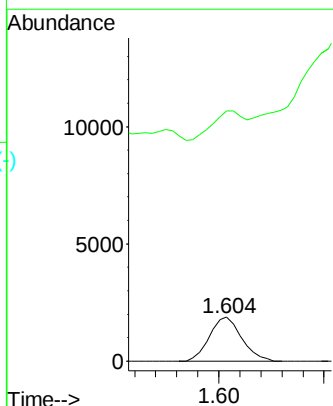
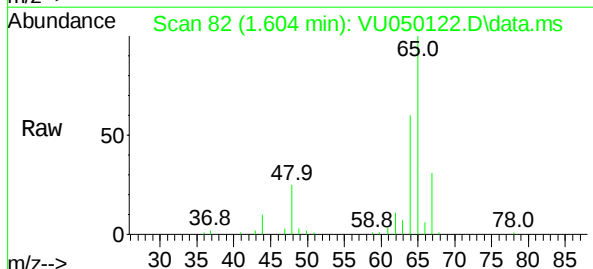
Instrument :
 MSVOA_U
 ClientSampleId :

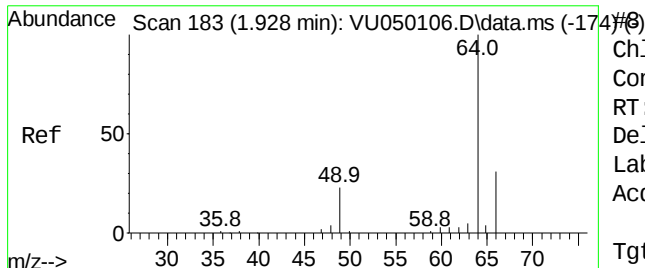
Tgt Ion: 50 Resp: 2194
 Ion Ratio Lower Upper
 50 100
 52 24.0 23.2 43.2



Vinyl chloride
 Concen: 0.254 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU050122.D
 Acq: 06 Aug 2022 02:32

Tgt Ion: 62 Resp: 1997
 Ion Ratio Lower Upper
 62 100
 64 569.1 22.8 42.4#





Chloroethane

Concen: 0.097 ug/L

RT: 2.150 min Scan# 1

Delta R.T. 0.222 min MSVOA_U

Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

Instrument :

MSVOA_U

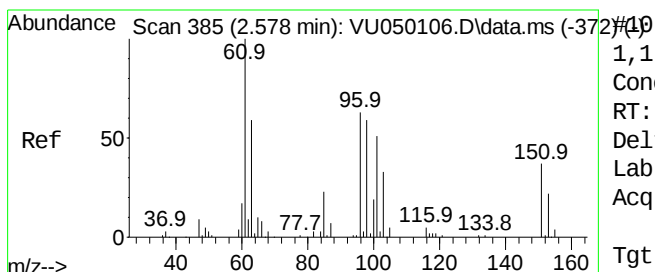
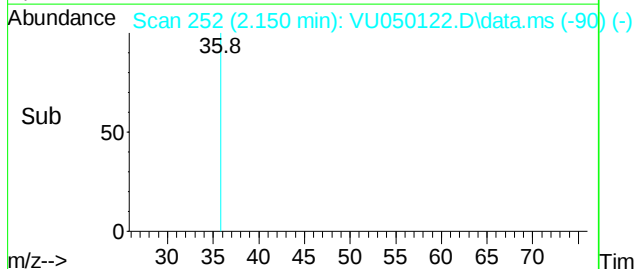
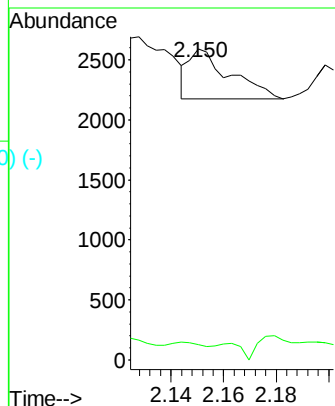
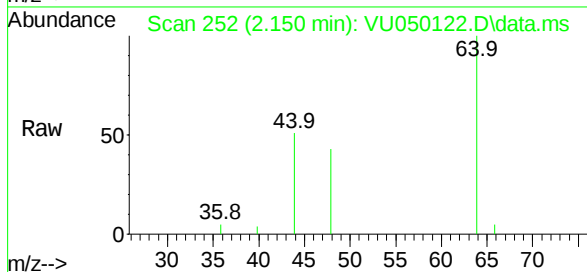
ClientSampleId :

Tgt Ion: 64 Resp: 451

Ion Ratio Lower Upper

64 100

66 4.9 22.8 42.4#



1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.055 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

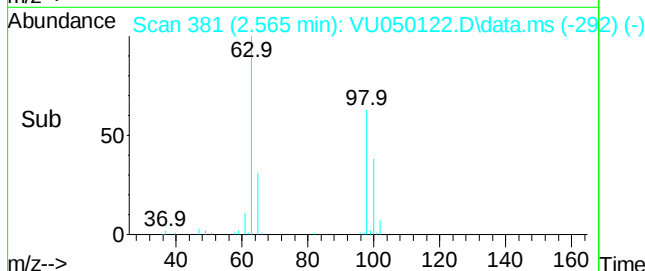
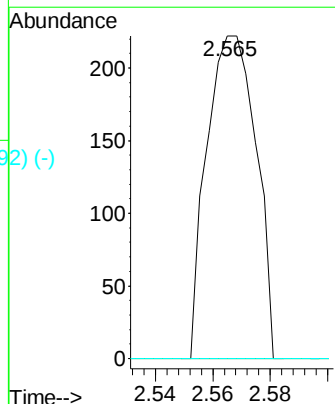
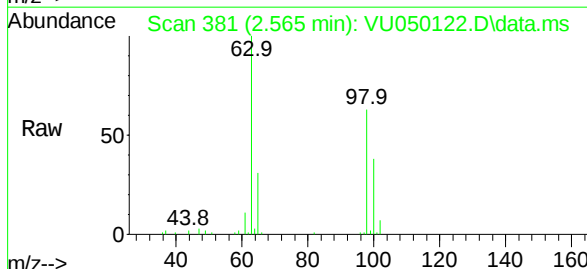
Tgt Ion:101 Resp: 265

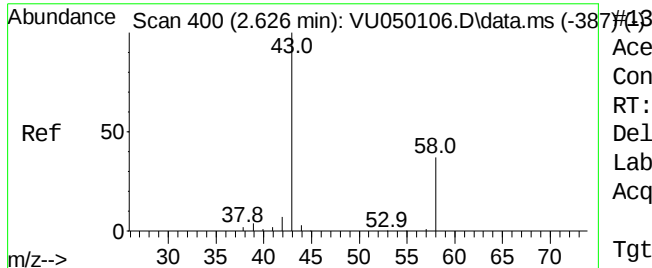
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 55.2 82.8#

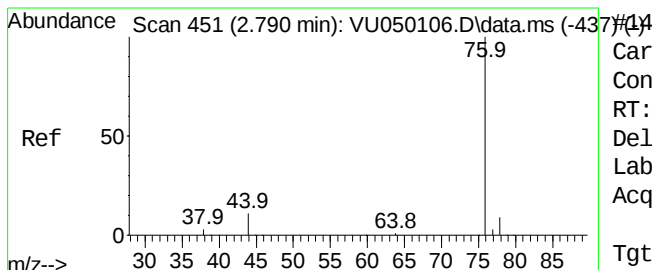
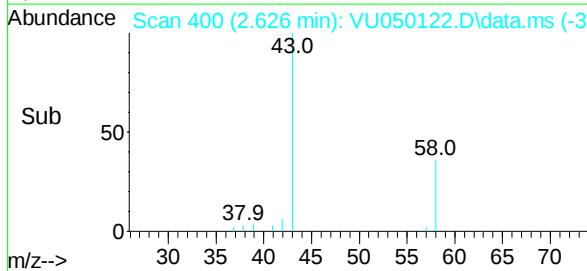
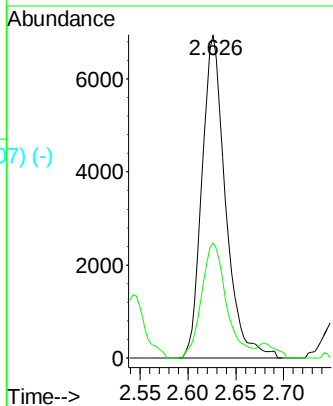
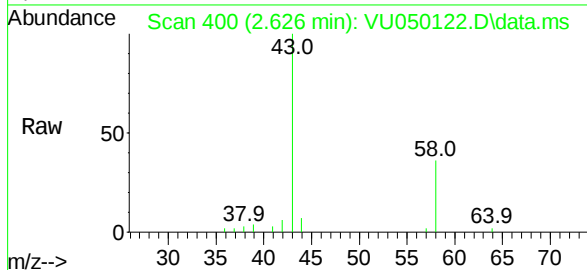




Acetone
 Concen: 14.352 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU050122.D
 Acq: 06 Aug 2022 02:32

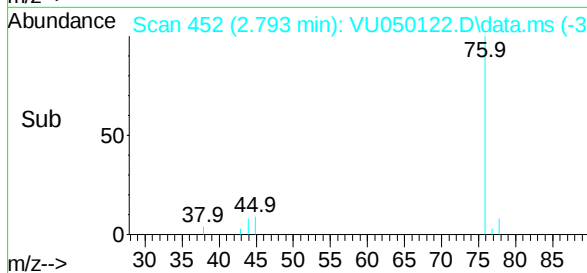
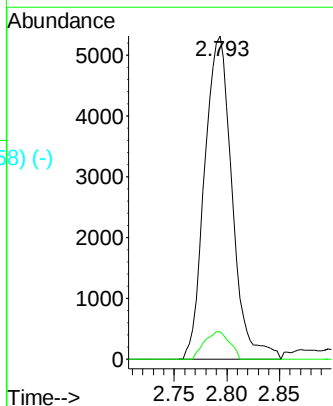
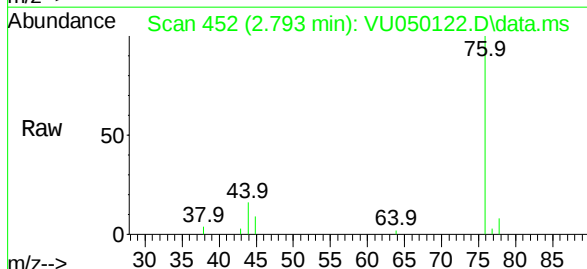
Instrument : MSVOA_U
 ClientSampleId :

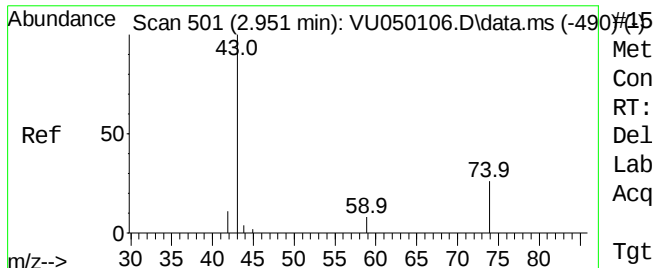
Tgt Ion: 43 Resp: 11887
 Ion Ratio Lower Upper
 43 100
 58 37.6 0.0 64.0



Carbon disulfide
 Concen: 0.533 ug/L
 RT: 2.793 min Scan# 452
 Delta R.T. 0.003 min
 Lab File: VU050122.D
 Acq: 06 Aug 2022 02:32

Tgt Ion: 76 Resp: 9646
 Ion Ratio Lower Upper
 76 100
 78 8.5 7.4 11.0





Methyl Acetate

Concen: 0.212 ug/L

RT: 2.954 min Scan# 415

Delta R.T. 0.003 min

Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

Instrument :

MSVOA_U

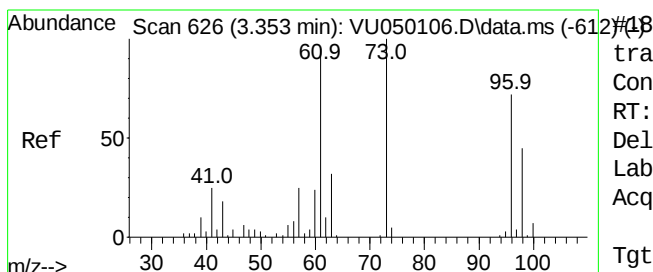
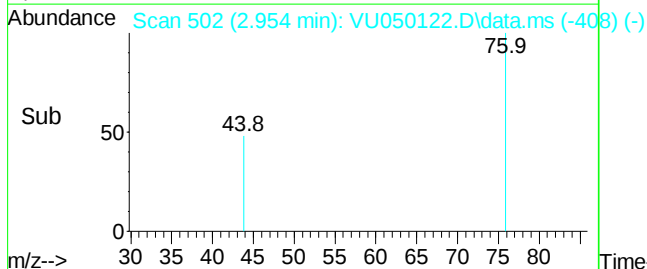
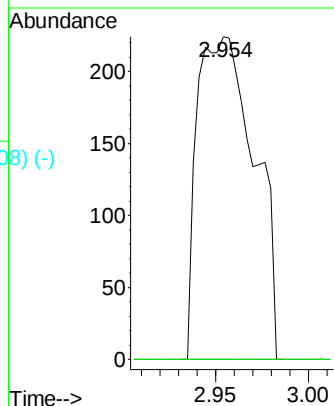
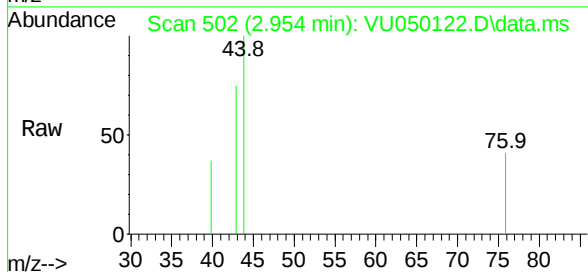
ClientSampleId :

Tgt Ion: 43 Resp: 479

Ion Ratio Lower Upper

43 100

74 0.0 22.7 34.1#



trans-1,2-Dichloroethene

Concen: 0.166 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

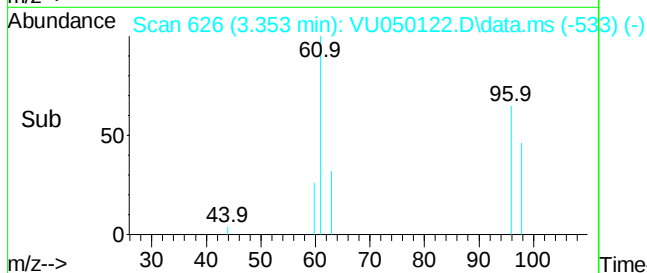
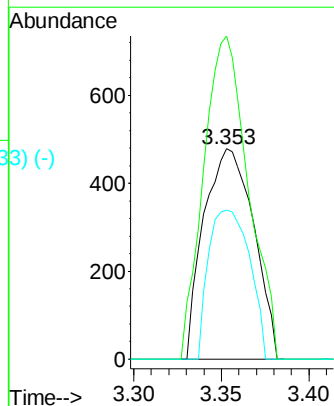
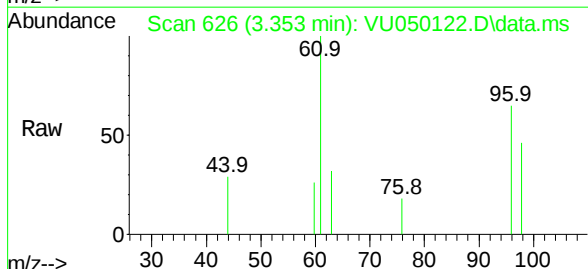
Tgt Ion: 96 Resp: 942

Ion Ratio Lower Upper

96 100

61 153.4 92.3 171.5

98 70.8 43.2 80.2



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

2-Butanone

Concen: 2.128 ug/L

RT: 4.716 min Scan#

Delta R.T. 0.013 min

Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

Instrument :

MSVOA_U

ClientSampleId :

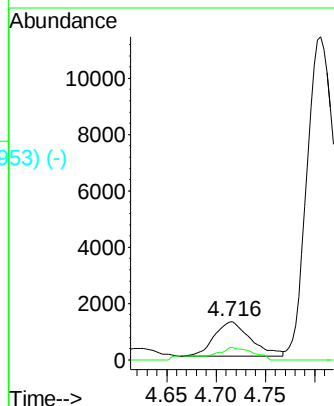
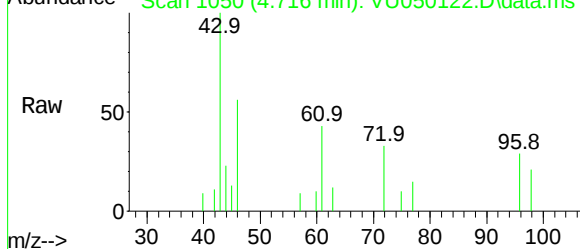
Tgt Ion: 43 Resp: 3169

Ion Ratio Lower Upper

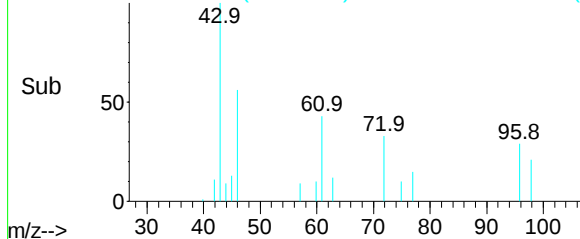
43 100

72 33.2 14.0 42.0

Abundance Scan 1050 (4.716 min): VU050122.D\data.ms



Abundance Scan 1050 (4.716 min): VU050122.D\data.ms (-953) (-)



Abundance Scan 1035 (4.668 min): VU050106.D\data.ms (-10192-)

cis-1,2-Dichloroethene

Concen: 7.334 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

Tgt Ion: 96 Resp: 46171

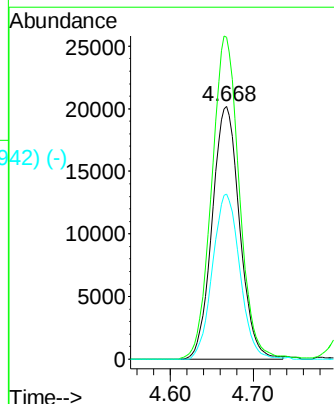
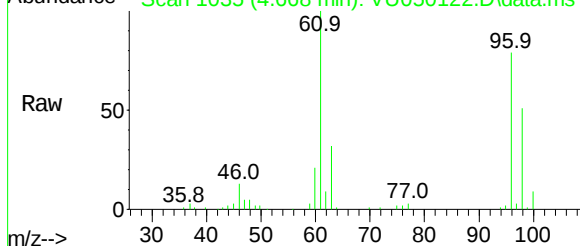
Ion Ratio Lower Upper

96 100

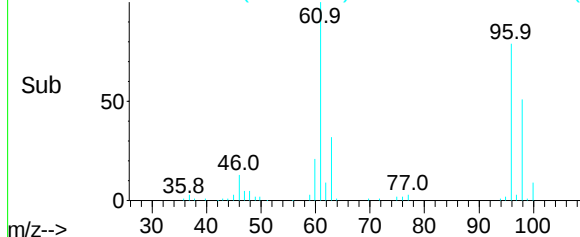
61 127.2 89.0 165.4

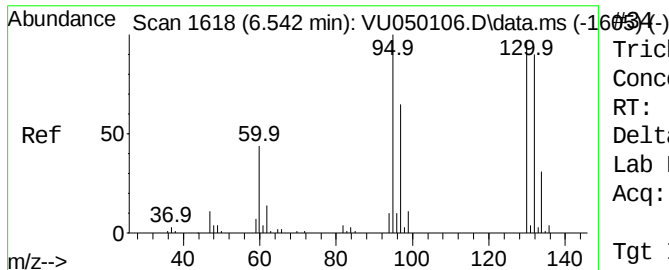
98 65.1 45.2 84.0

Abundance Scan 1035 (4.668 min): VU050122.D\data.ms



Abundance Scan 1035 (4.668 min): VU050122.D\data.ms (-942) (-)





Trichloroethene

Concen: 1.564 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

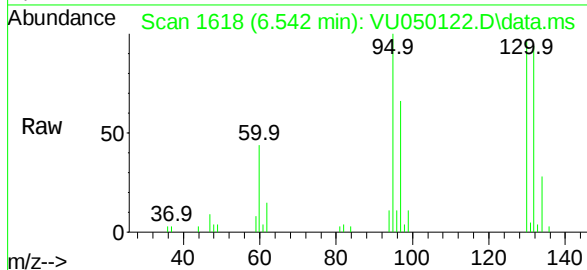
Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 9981

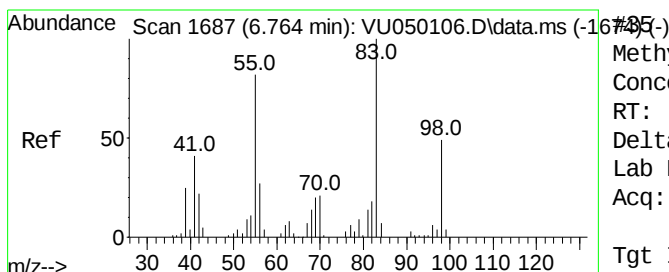
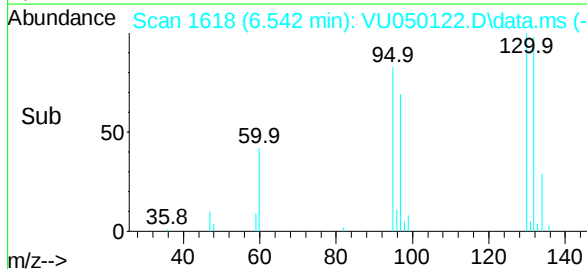
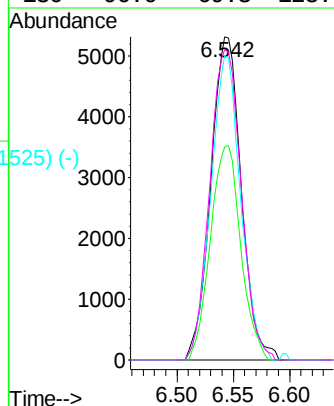
Ion Ratio Lower Upper

95 100

97 66.0 45.6 84.8

132 94.3 65.0 120.6

130 96.0 69.3 128.7



Methylcyclohexane

Concen: 1.178 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

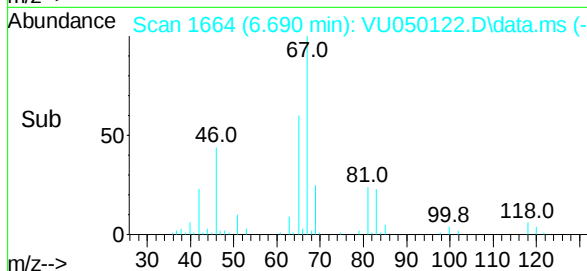
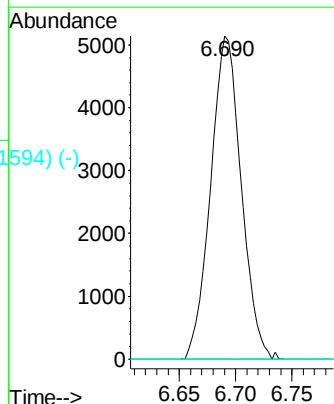
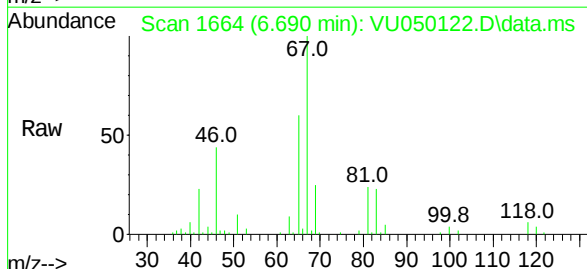
Tgt Ion: 83 Resp: 9705

Ion Ratio Lower Upper

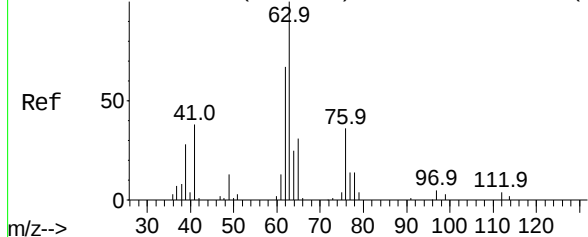
83 100

55 0.0 62.7 94.1#

98 0.8 36.2 54.2#



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



1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.690 min Scan# 1696

Delta R.T. -0.103 min

Lab File: VU050122.D

Acq: 06 Aug 2022 02:32

Instrument :

MSVOA_U

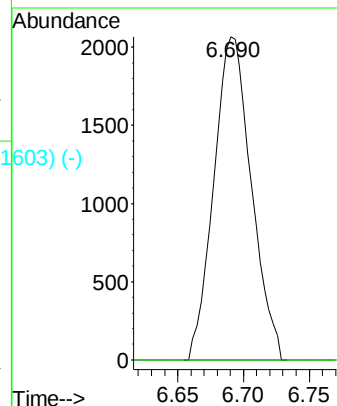
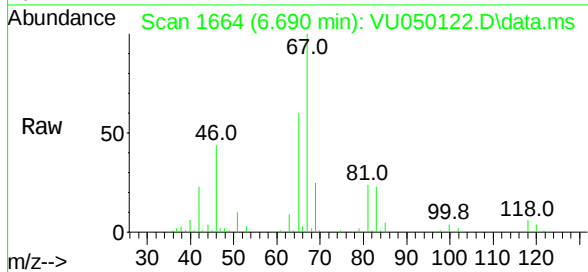
ClientSampleId :

Tgt Ion: 63 Resp: 4088

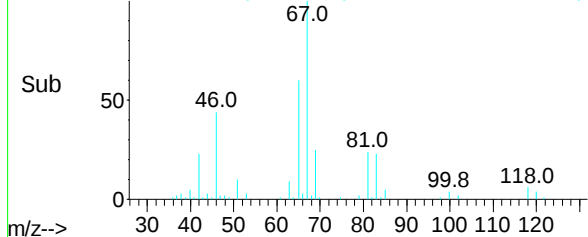
Ion Ratio Lower Upper

63 100

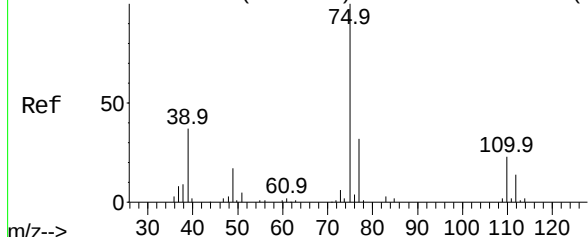
112 0.0 3.0 4.4#



Abundance Scan 1664 (6.690 min): VU050122.D\data.ms (-1603-)



Abundance Scan 1949 (7.607 min): VU050106.D\data.ms (-19289-)



cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU050122.D

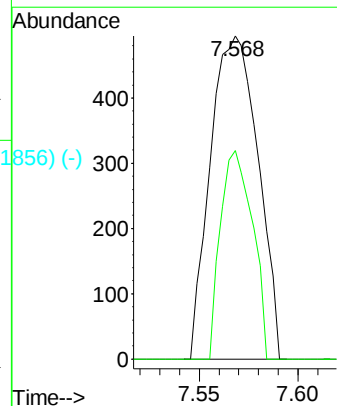
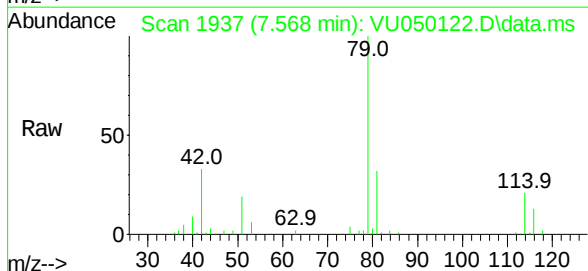
Acq: 06 Aug 2022 02:32

Tgt Ion: 75 Resp: 832

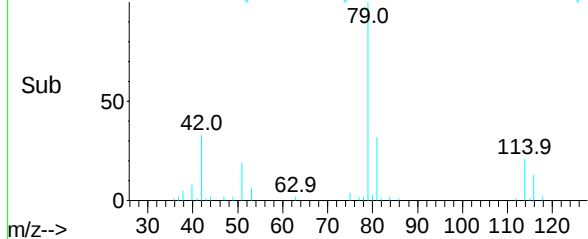
Ion Ratio Lower Upper

75 100

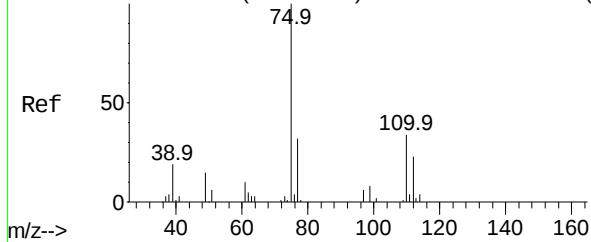
77 64.4 21.8 40.4#



Abundance Scan 1937 (7.568 min): VU050122.D\data.ms (-1856-)



Abundance Scan 2949 (10.822 min): VU050106.D\data.ms (-2954) (-)



1,2,3-Trichloropropane

Concen: 0.896 ug/L

RT: 11.812 min Scan# 3596

Delta R.T. 0.990 min

Lab File: VU050122.D

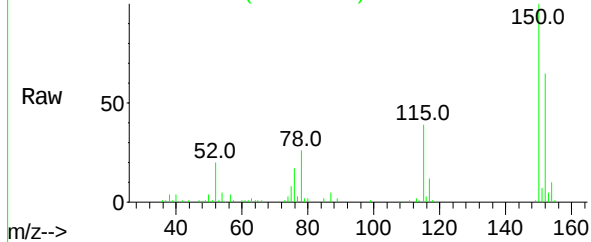
Acq: 06 Aug 2022 02:32

Instrument :

MSVOA_U

ClientSampleId :

Abundance Scan 3257 (11.812 min): VU050122.D\data.ms



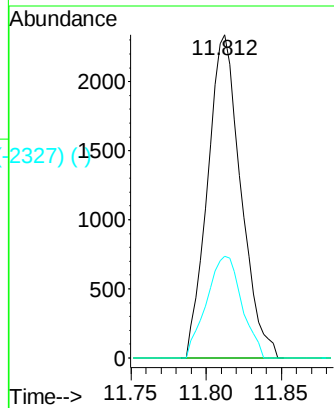
Tgt Ion: 75 Resp: 3596

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 33.3 25.8 38.6



Abundance Scan 3257 (11.812 min): VU050122.D\data.ms (-2327) (-)

