

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081619\
 Data File : VV012268.D
 Acq On : 16 Aug 2019 14:06
 Operator : SY/MD
 Sample : K4373-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4

Quant Time: Aug 16 23:38:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 16 23:35:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	163896	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64518	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76370	7.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	148.80%#
7) Chloroethane-d5	1.58	69	61770	7.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	157.40%#
11) 1,1-Dichloroethene-d2	2.13	63	69235	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.94	46	41594	18.76	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	37.52%#
24) Chloroform-d	4.40	84	111896	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.08	65	61020	6.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.80%
32) Benzene-d6	5.10	84	255382	6.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.20%
36) 1,2-Dichloropropane-d6	6.12	67	83572	6.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	136.80%
41) Toluene-d8	7.36	98	242048	6.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.80%
43) trans-1,3-Dichloropropene-	7.66	79	26869	5.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.80%
46) 2-Hexanone-d5	8.13	63	77436	51.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52864	6.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	84956	7.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	155.60%#

Target Compounds

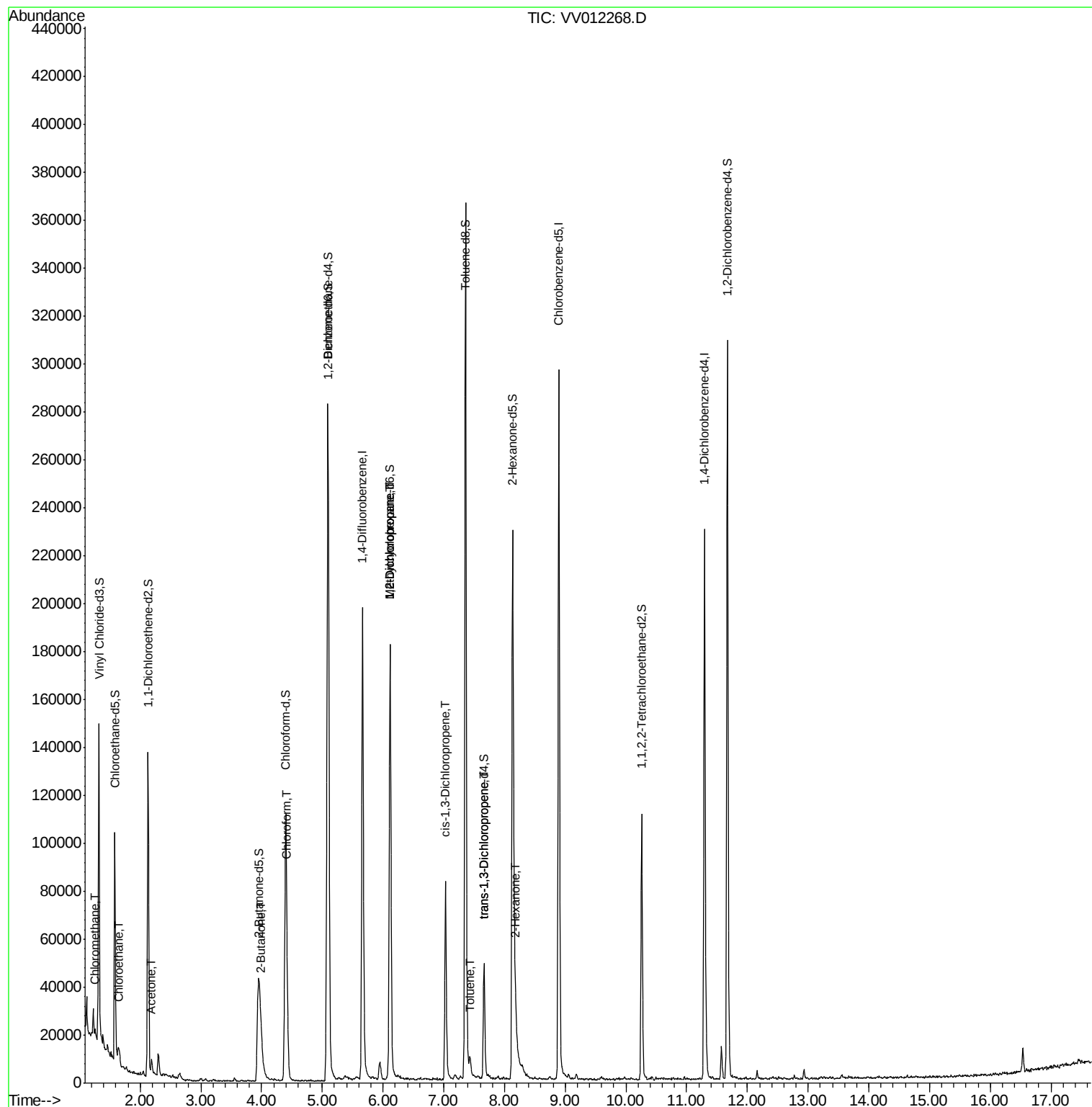
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.26	50	1667	0.115	ug/L	88
8) Chloroethane	1.64	64	9165	1.068	ug/L #	54
13) Acetone	2.19	43	4250	3.076	ug/L	97
21) 2-Butanone	4.00	43	8226	2.911	ug/L #	55
25) Chloroform	4.42	83	11081	0.456	ug/L	99
35) Methylcyclohexane	6.12	83	20778	0.999	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9921	0.804	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2165	0.127	ug/L #	56
42) Toluene	7.43	91	4628	0.088	ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	1314	0.098	ug/L #	73
48) 2-Hexanone	8.19	43	9873	2.066	ug/L #	50

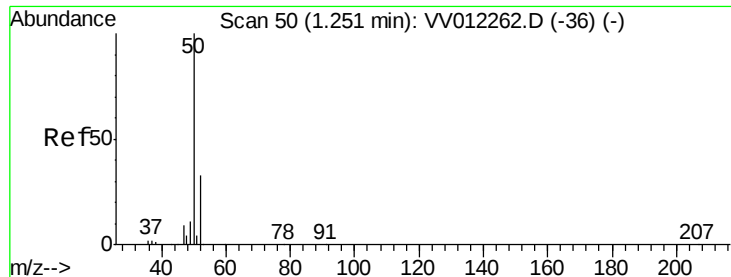
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV012268.D

Acq: 16 Aug 2019 14:06

Instrument :

MSVOA_V

ClientSampleId :

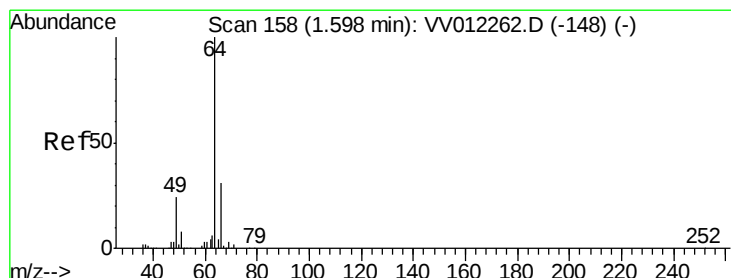
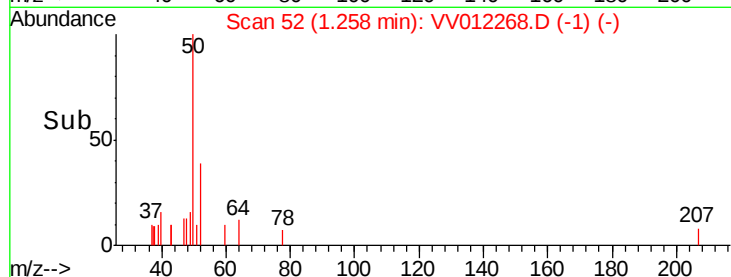
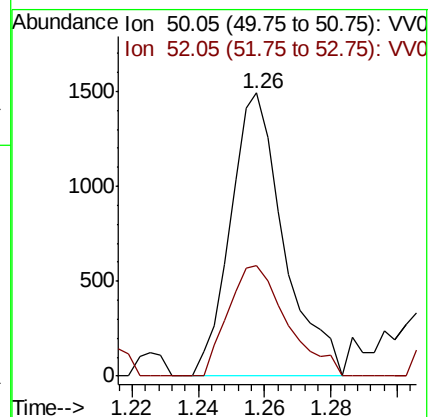
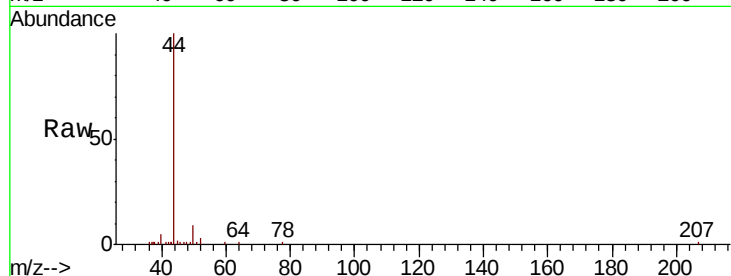
C0AF4

Tgt Ion: 50 Resp: 1667

Ion Ratio Lower Upper

50 100

52 39.2 22.6 42.0



#8

Chloroethane

Concen: 1.068 ug/L

RT: 1.64 min Scan# 171

Delta R.T. 0.04 min

Lab File: VV012268.D

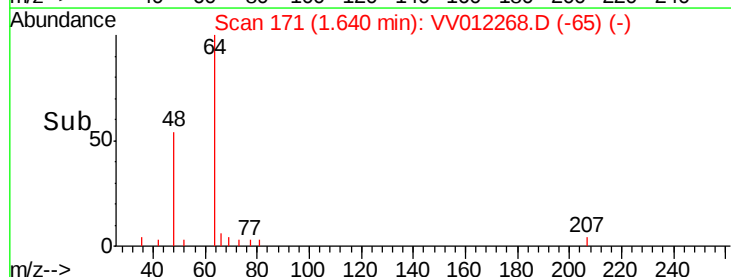
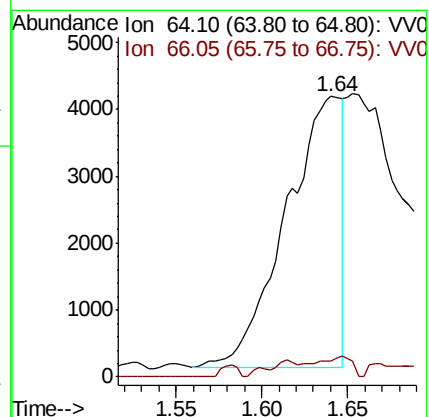
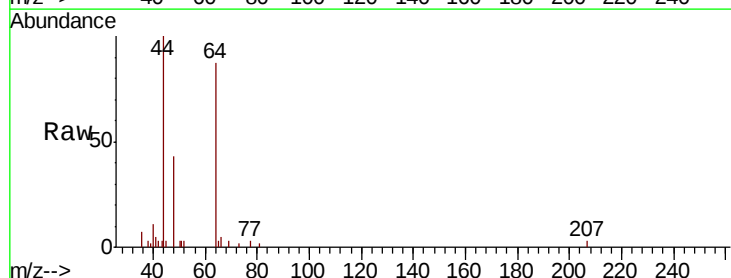
Acq: 16 Aug 2019 14:06

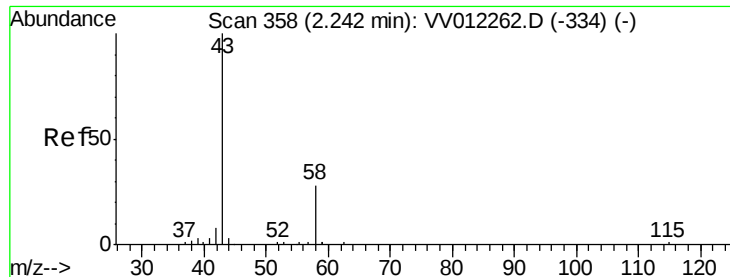
Tgt Ion: 64 Resp: 9165

Ion Ratio Lower Upper

64 100

66 5.7 21.8 40.4#

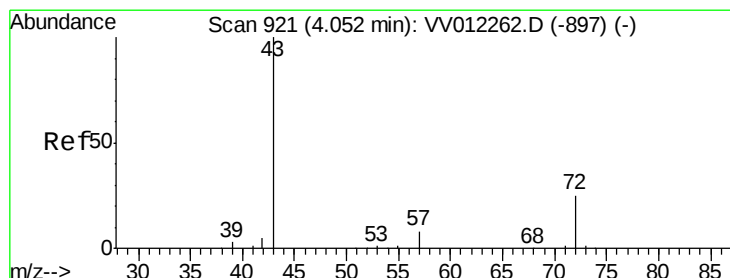
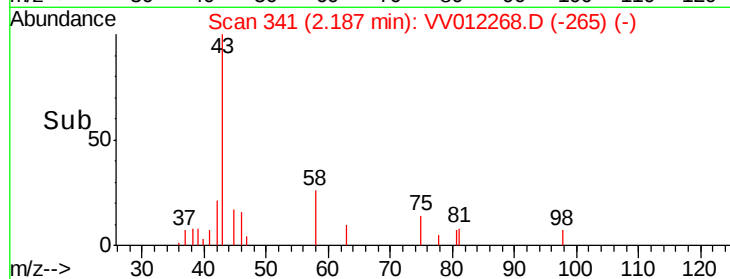
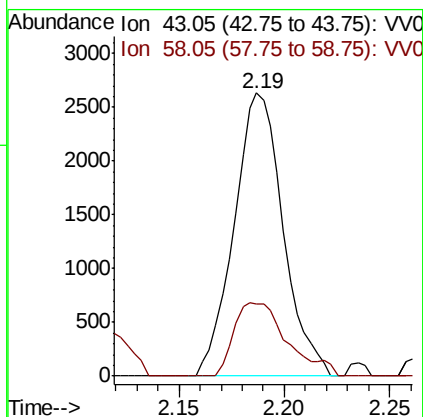
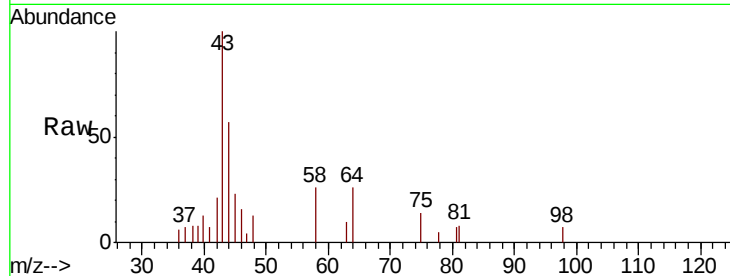




#13
Acetone
Concen: 3.076 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.05 min
Lab File: VV012268.D
Acq: 16 Aug 2019 14:06

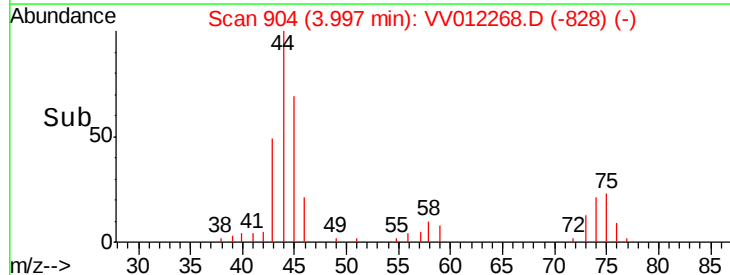
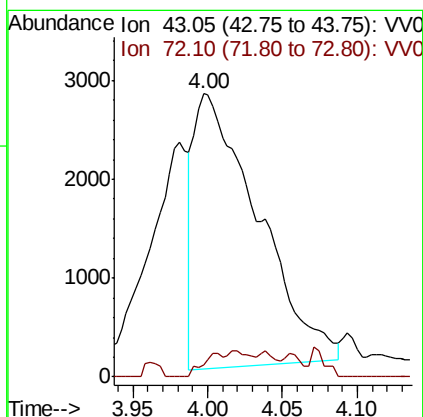
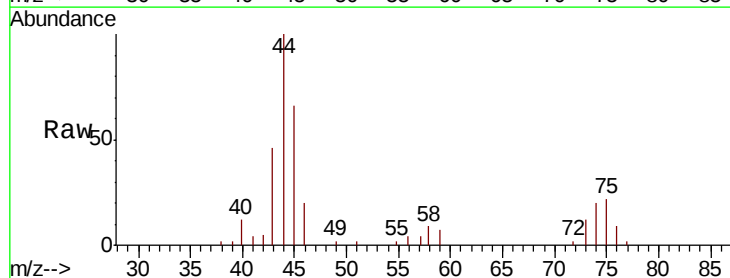
Instrument :
MSVOA_V
ClientSampleId :
C0AF4

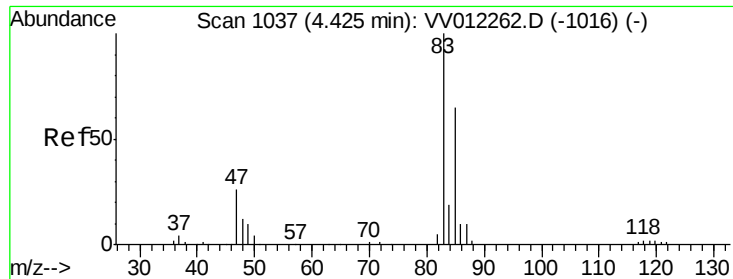
Tgt Ion: 43 Resp: 4250
Ion Ratio Lower Upper
43 100
58 28.2 0.0 59.4



#21
2-Butanone
Concen: 2.911 ug/L
RT: 4.00 min Scan# 904
Delta R.T. -0.05 min
Lab File: VV012268.D
Acq: 16 Aug 2019 14:06

Tgt Ion: 43 Resp: 8226
Ion Ratio Lower Upper
43 100
72 2.8 12.9 38.7#

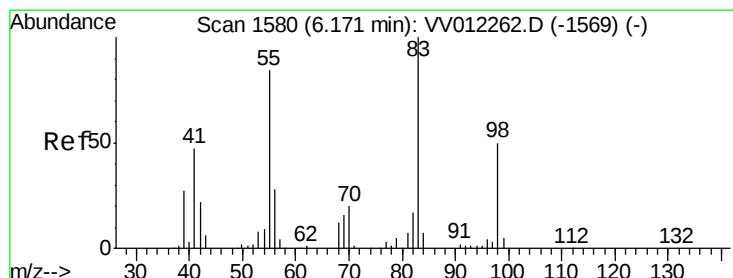
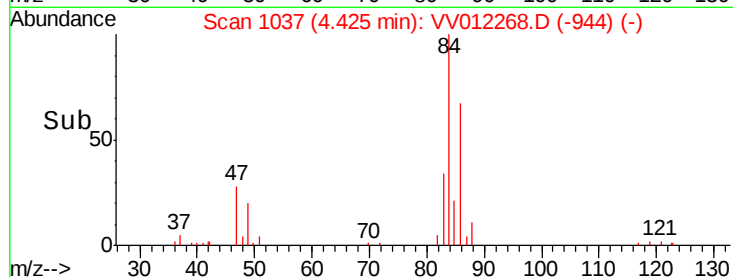
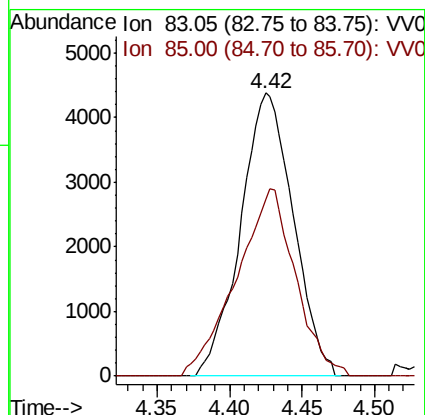
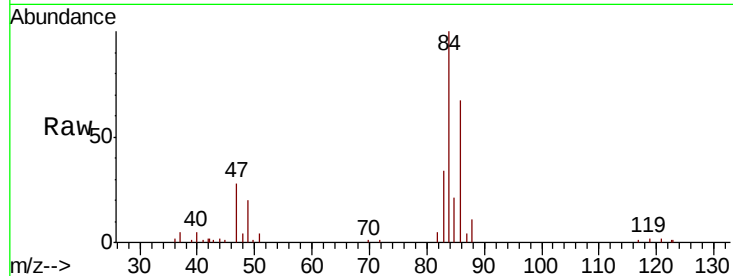




#25
Chloroform
Concen: 0.456 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012268.D
Acq: 16 Aug 2019 14:06

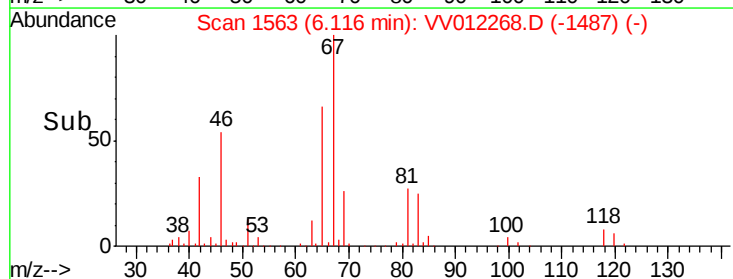
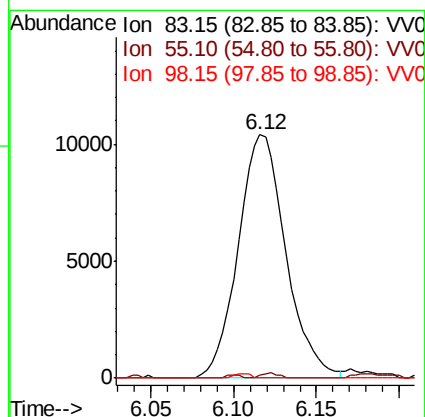
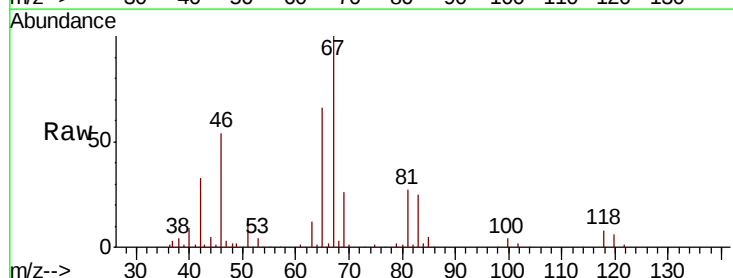
Instrument :
MSVOA_V
ClientSampleId :
C0AF4

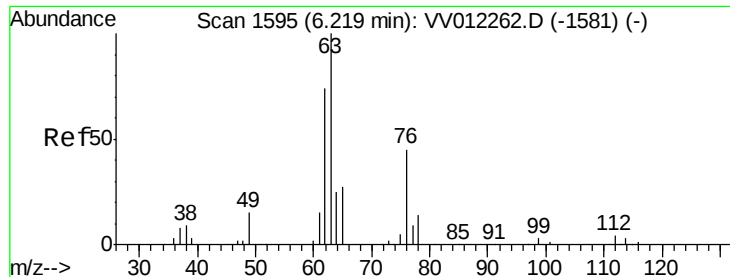
Tgt Ion: 83 Resp: 11081
Ion Ratio Lower Upper
83 100
85 62.5 44.3 82.3



#35
Methylcyclohexane
Concen: 0.999 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012268.D
Acq: 16 Aug 2019 14:06

Tgt Ion: 83 Resp: 20778
Ion Ratio Lower Upper
83 100
55 0.7 62.2 93.2#
98 0.6 39.2 58.8#

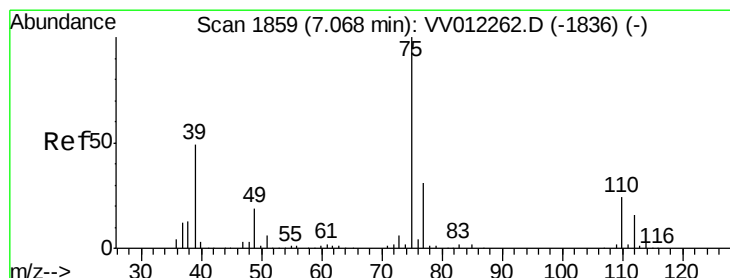
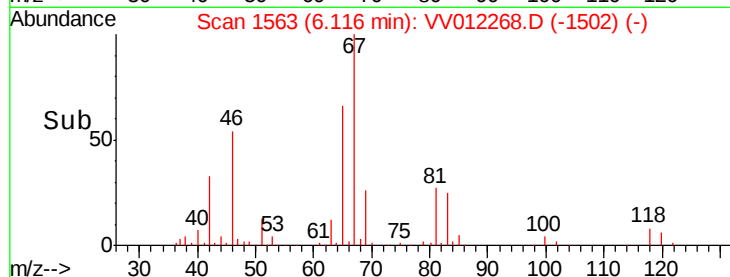
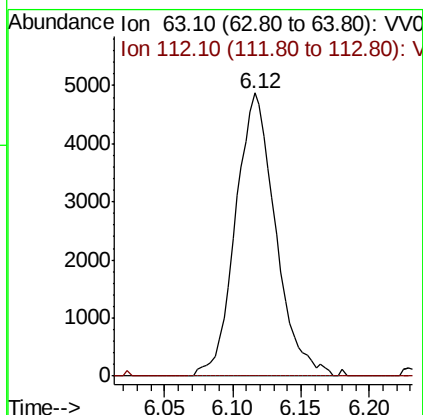
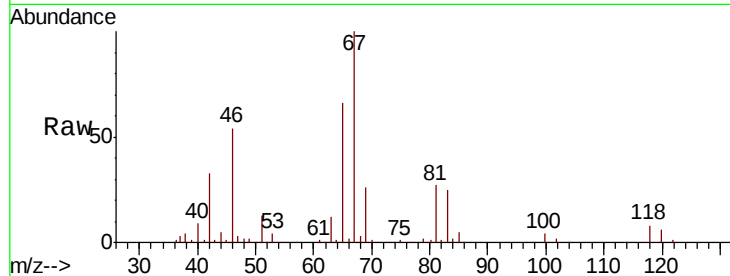




#37
 1,2-Dichloropropane
 Concen: 0.804 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012268.D
 Acq: 16 Aug 2019 14:06

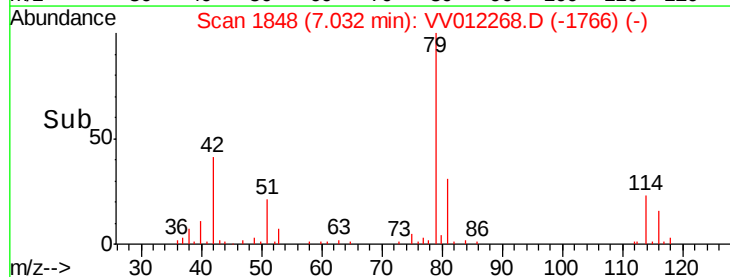
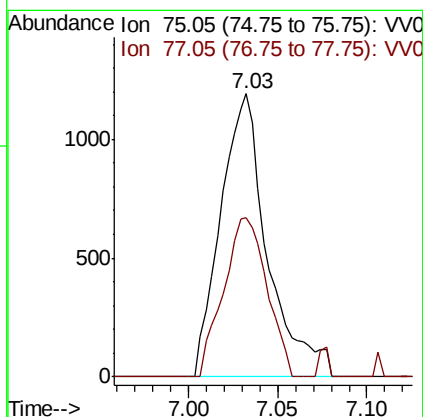
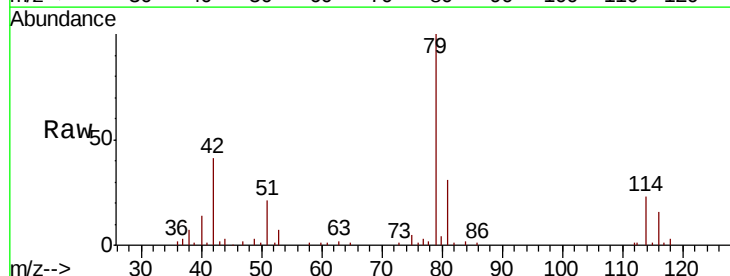
Instrument :
 MSVOA_V
 ClientSampled :
 C0AF4

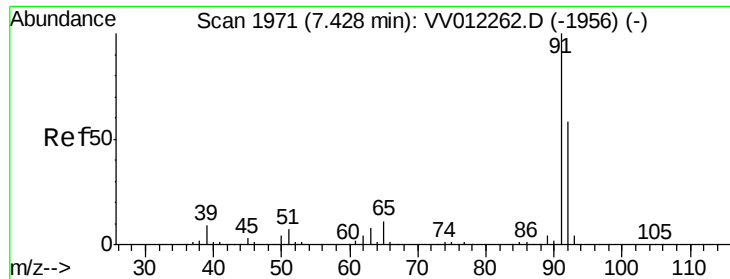
Tgt Ion: 63 Resp: 9921
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012268.D
 Acq: 16 Aug 2019 14:06

Tgt Ion: 75 Resp: 2165
 Ion Ratio Lower Upper
 75 100
 77 56.3 22.2 41.2#





#42

Toluene

Concen: 0.088 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV012268.D

Acq: 16 Aug 2019 14:06

Instrument :

MSVOA_V

ClientSampleId :

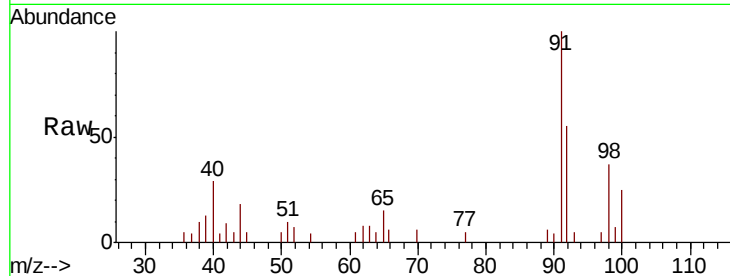
C0AF4

Tgt Ion: 91 Resp: 4628

Ion Ratio Lower Upper

91 100

92 55.0 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

2500

2000

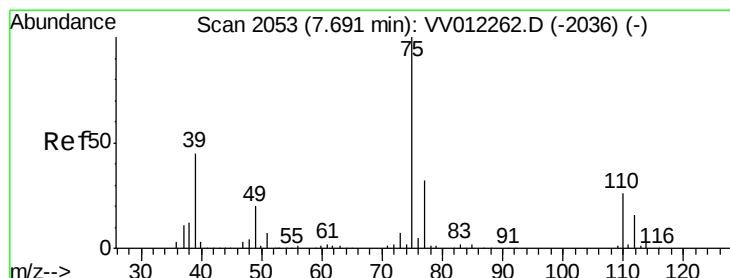
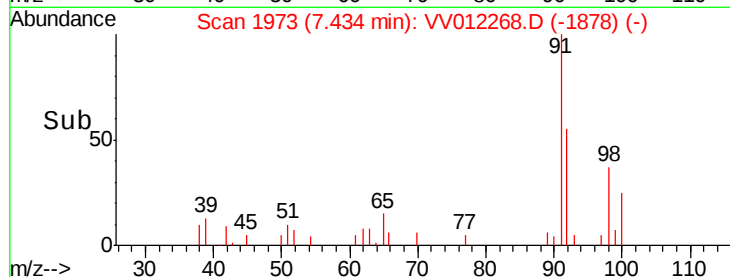
1500

1000

500

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012268.D

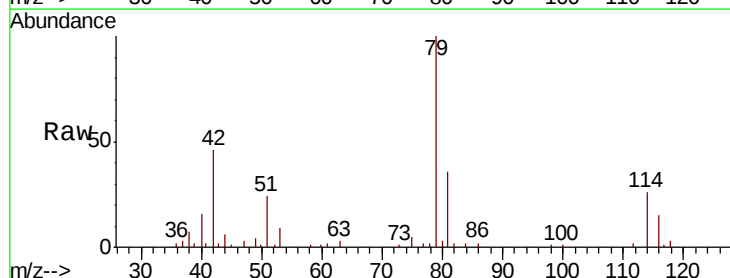
Acq: 16 Aug 2019 14:06

Tgt Ion: 75 Resp: 1314

Ion Ratio Lower Upper

75 100

77 47.4 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

800

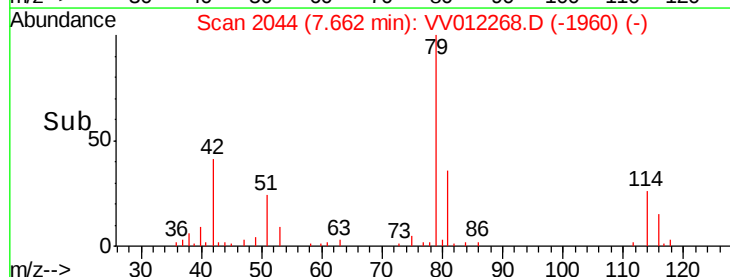
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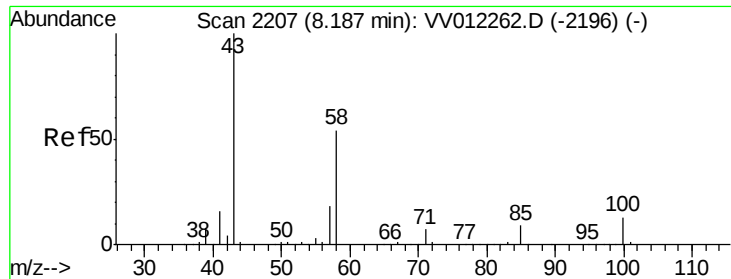
400

200

0

Time-->





#48

2-Hexanone

Concen: 2.066 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. -0.00 min

Lab File: VV012268.D

Acq: 16 Aug 2019 14:06

Instrument :
MSVOA_V
ClientSampleId :
C0AF4

Tgt Ion: 43 Resp: 9873

Ion Ratio Lower Upper

43 100

58 0.0 43.0 64.4#

57 16.9 14.9 22.3

100 7.5 10.3 15.5#

