

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
 Data File : VV007023.D
 Acq On : 15 Aug 2018 20:32
 Operator : SY/MD
 Sample : J4487-07
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z3

Quant Time: Aug 16 02:49:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198877	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75129	5.00	ug/L	0.00

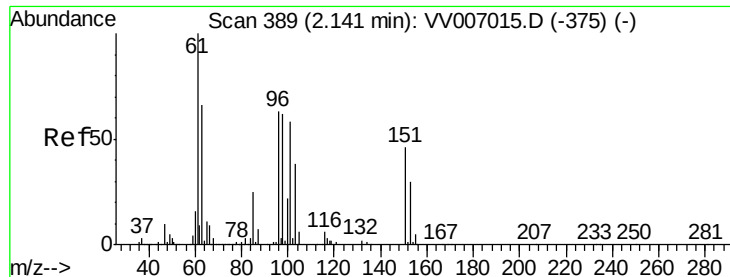
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62408	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	52745	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	1433954	59.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1190.40%#
20) 2-Butanone-d5	3.97	46	166166	45.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.02%
24) Chloroform-d	4.41	84	116808	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	60687	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	234169	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	77958	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.37	98	167869	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	25033	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.15	63	77878	33.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57193	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	59504	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6682	0.454	ug/L #	30
12) 1,1-Dichloroethene	2.14	96	2717439	190.282	ug/L #	68
13) Acetone	2.20	43	3373	1.774	ug/L	78
19) 1,1-Dichloroethane	3.23	63	304141	11.017	ug/L	99
25) Chloroform	4.43	83	9249	0.306	ug/L	85
27) 1,2-Dichloroethane	5.19	62	5150	0.273	ug/L #	94
29) 1,1,1-Trichloroethane	4.66	97	10158970	414.255	ug/L	98
31) Carbon tetrachloride	4.66	117	1385369	67.362	ug/L	99
34) Trichloroethene	5.96	95	38193	2.500	ug/L	97
35) Methylcyclohexane	6.13	83	17588	0.717	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7985	0.458	ug/L #	88
47) Tetrachloroethene	8.03	164	4785	0.386	ug/L	80
48) 2-Hexanone	8.20	43	19587	2.948	ug/L #	85
49) Dibromochloromethane	8.02	129	3505	0.294	ug/L #	11

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



#10

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

Concen: 0.454 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007023.D

Acq: 15 Aug 2018 20:32

Instrument :

MSVOA_V

ClientSampleId :

C02Z3

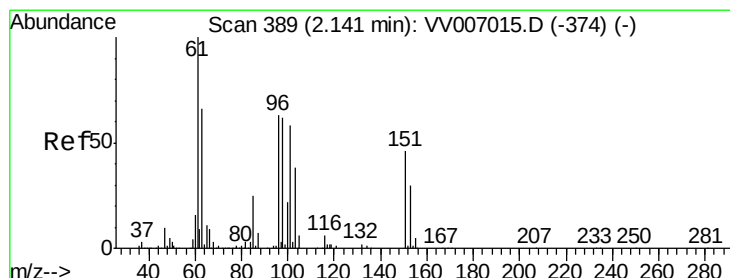
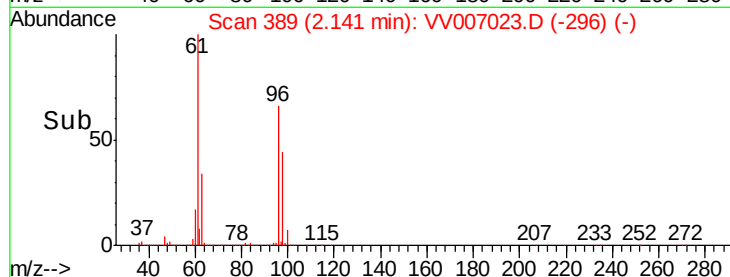
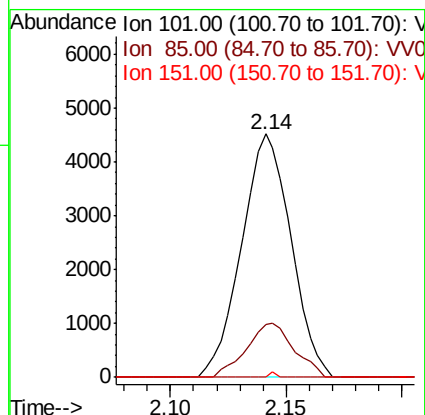
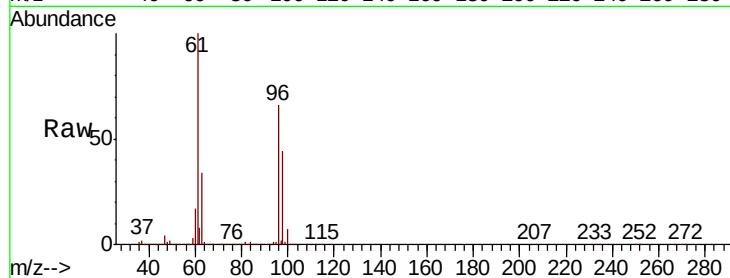
Tgt Ion: 101 Resp: 6682

Ion Ratio Lower Upper

101 100

85 21.5 33.9 50.9#

151 0.3 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 190.282 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007023.D

Acq: 15 Aug 2018 20:32

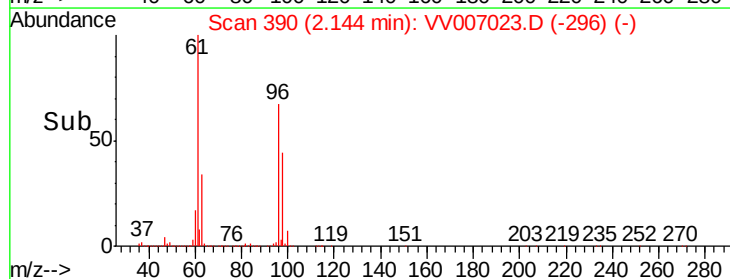
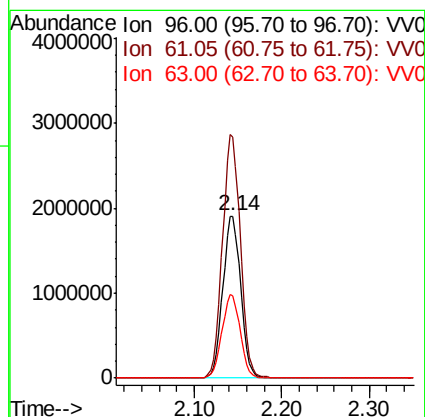
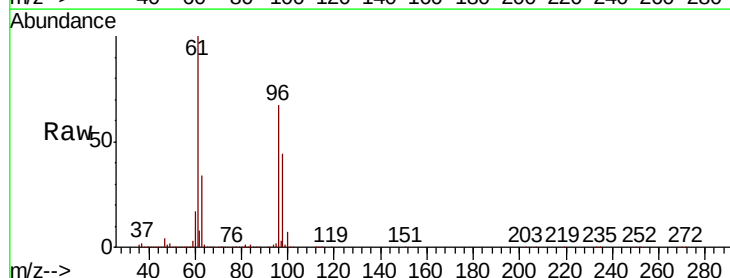
Tgt Ion: 96 Resp: 2717439

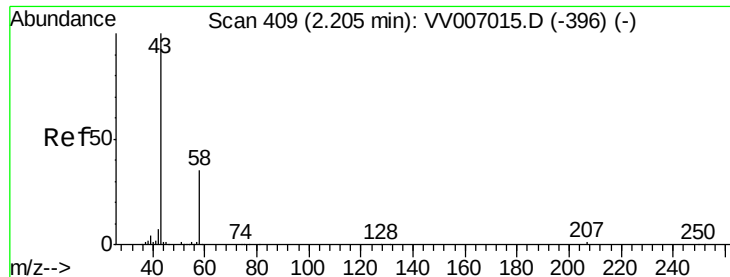
Ion Ratio Lower Upper

96 100

61 148.5 111.6 207.4

63 50.8 84.9 157.7#





#13

Acetone

Concen: 1.774 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.00 min

Lab File: VV007023.D

Acq: 15 Aug 2018 20:32

Instrument :

MSVOA_V

ClientSampleId :

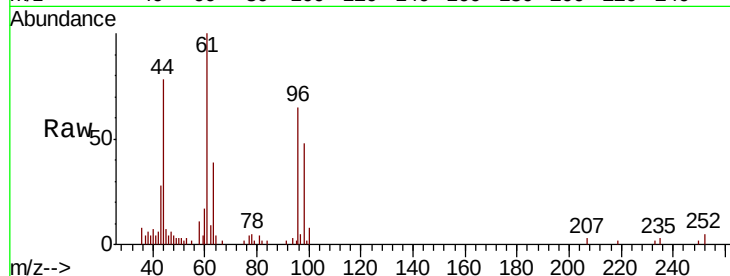
C02Z3

Tgt Ion: 43 Resp: 3373

Ion Ratio Lower Upper

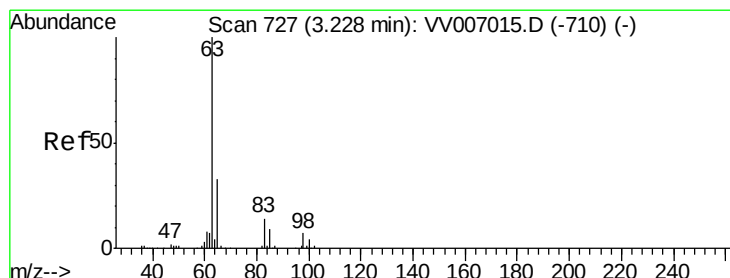
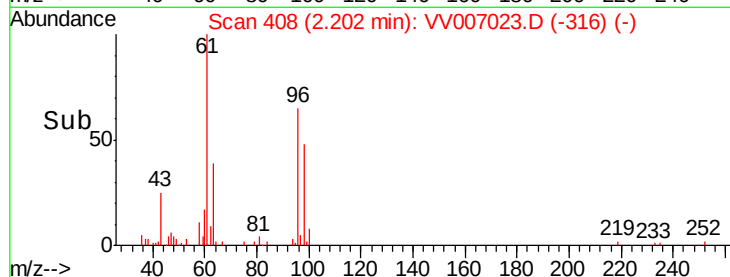
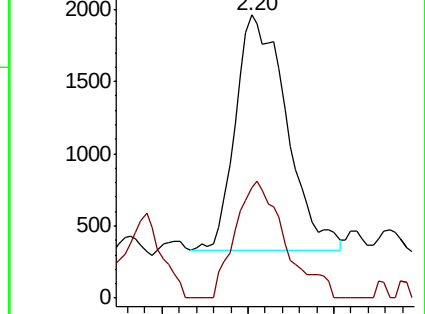
43 100

58 48.7 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#19

1,1-Dichloroethane

Concen: 11.017 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007023.D

Acq: 15 Aug 2018 20:32

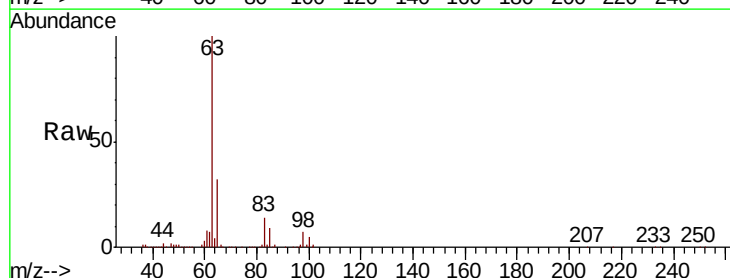
Tgt Ion: 63 Resp: 304141

Ion Ratio Lower Upper

63 100

65 31.7 21.7 40.3

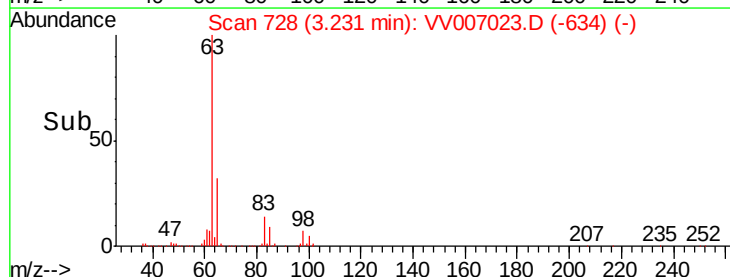
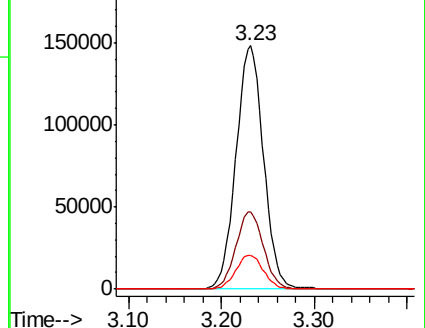
83 13.6 10.0 18.6

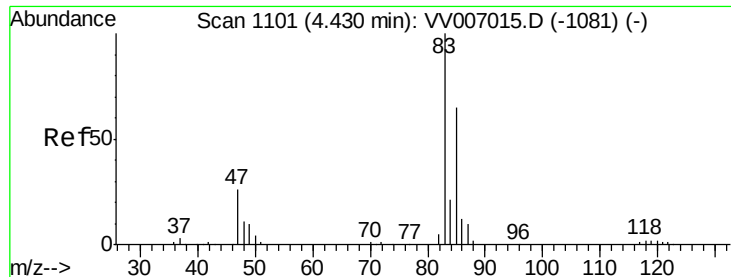


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

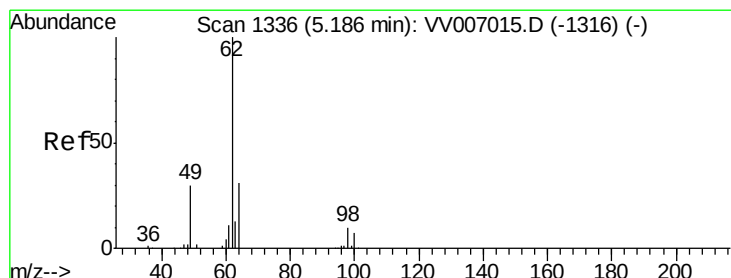
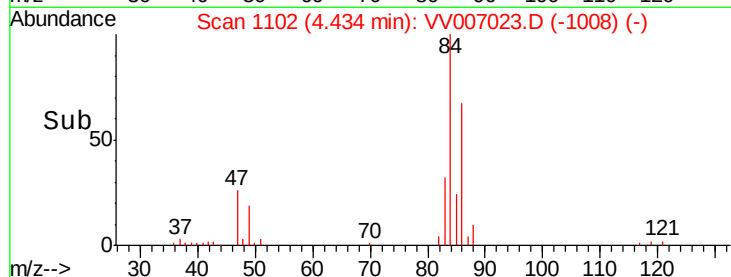
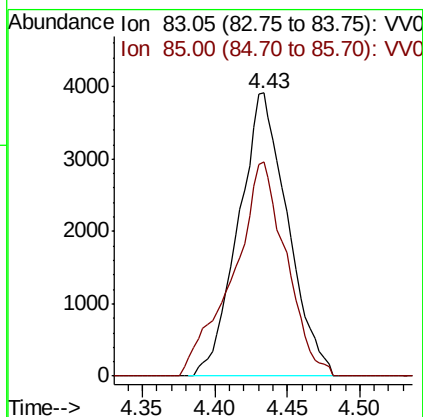
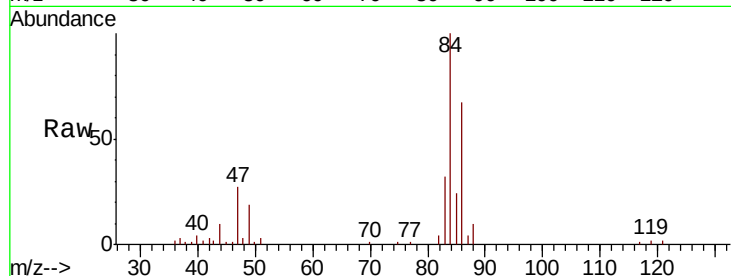




#25
Chloroform
Concen: 0.306 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007023.D
Acq: 15 Aug 2018 20:32

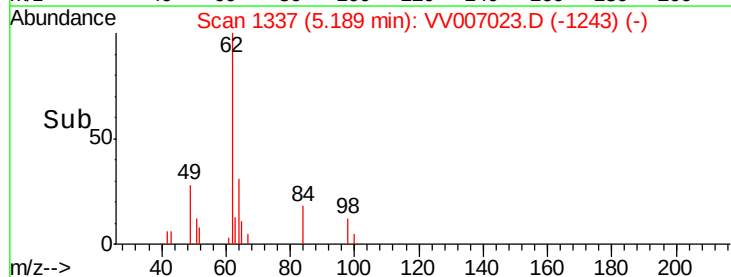
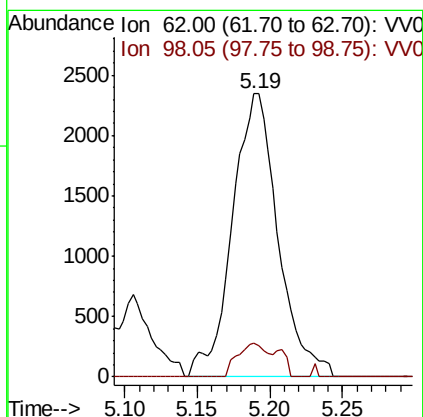
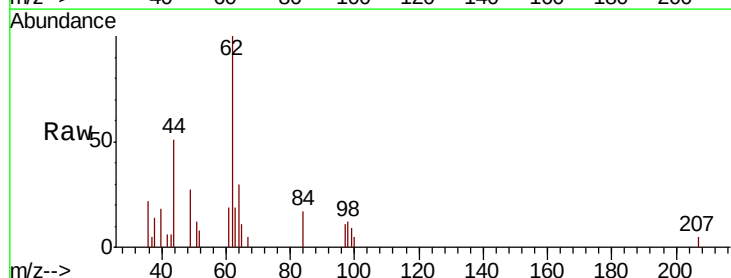
Instrument :
MSVOA_V
ClientSampled :
C02Z3

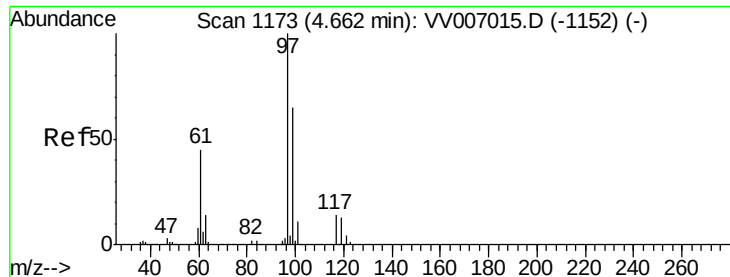
Tgt Ion: 83 Resp: 9249
Ion Ratio Lower Upper
83 100
85 75.9 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.273 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007023.D
Acq: 15 Aug 2018 20:32

Tgt Ion: 62 Resp: 5150
Ion Ratio Lower Upper
62 100
98 11.8 7.6 11.4#

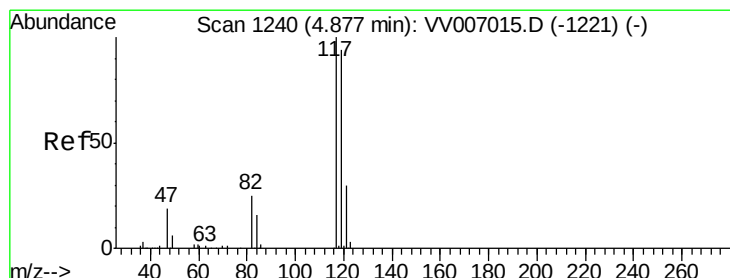
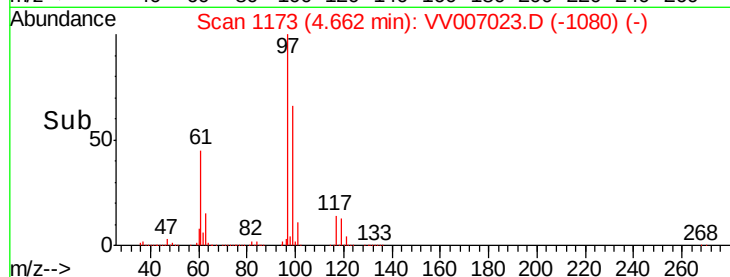
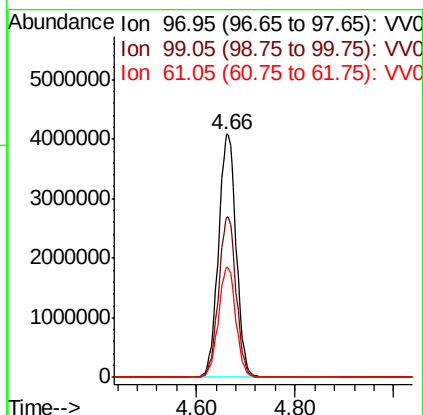
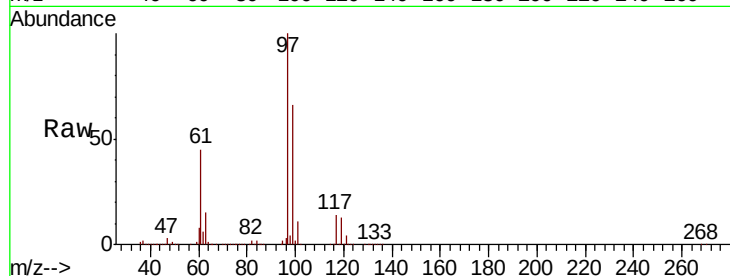




#29
 1,1,1-Trichloroethane
 Concen: 414.255 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007023.D
 Acq: 15 Aug 2018 20:32

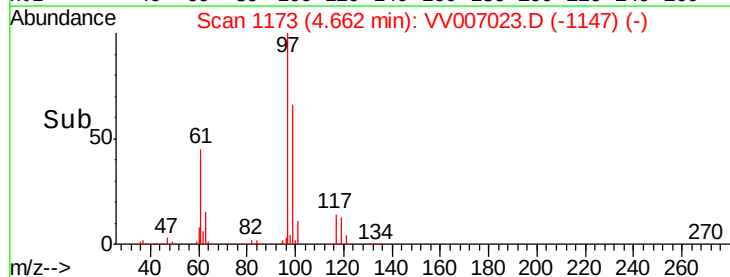
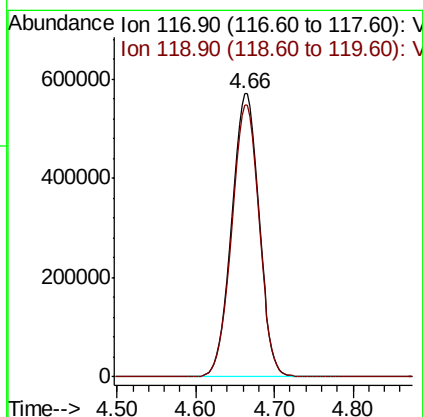
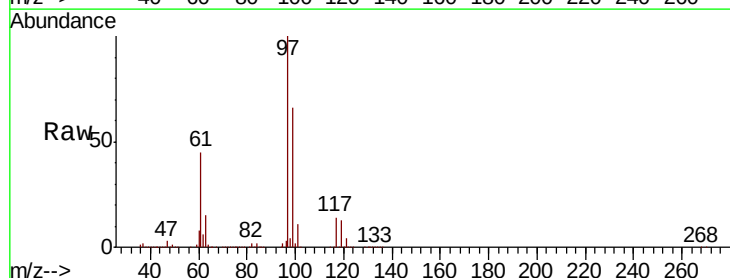
Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z3

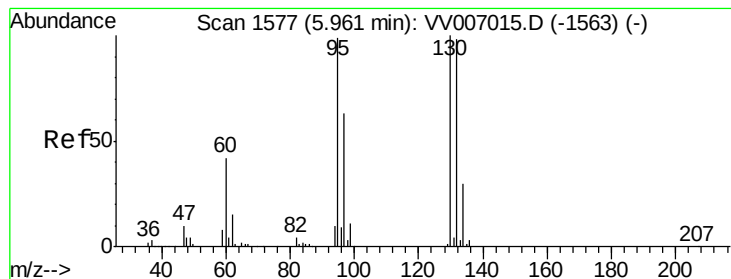
Tgt Ion: 97 Resp:10158970
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.0 76.6
 61 44.8 36.6 54.8



#31
 Carbon tetrachloride
 Concen: 67.362 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007023.D
 Acq: 15 Aug 2018 20:32

Tgt Ion:117 Resp: 1385369
 Ion Ratio Lower Upper
 117 100
 119 96.3 76.2 114.4





#34

Trichloroethene

Concen: 2.500 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007023.D

Acq: 15 Aug 2018 20:32

Instrument :

MSVOA_V

ClientSampleId :

C02Z3

Tgt Ion: 95 Resp: 38193

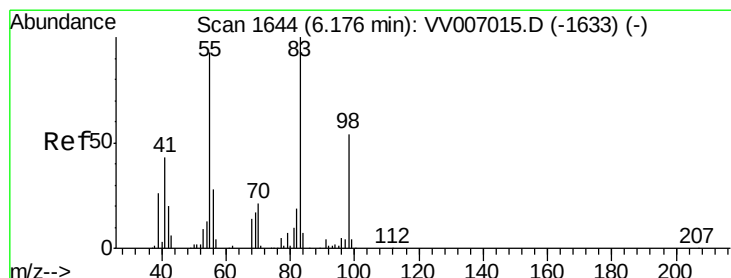
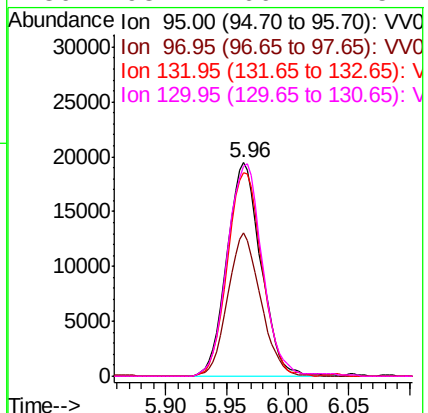
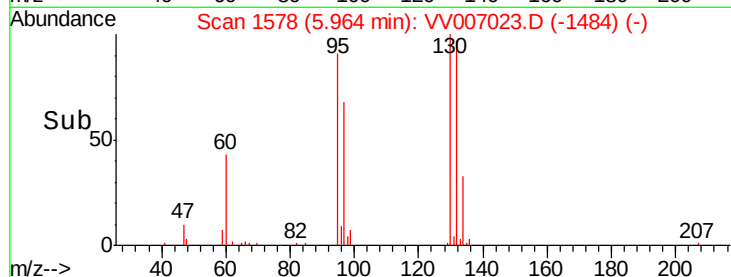
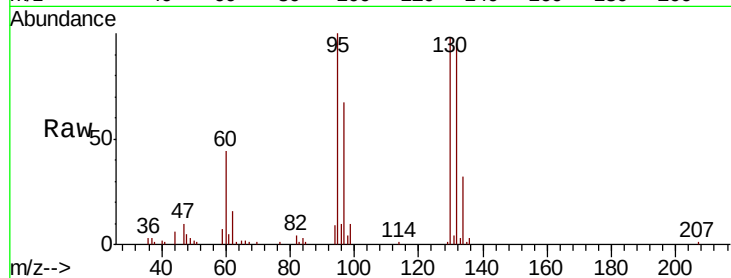
Ion Ratio Lower Upper

95 100

97 67.0 44.8 83.2

132 95.2 65.5 121.6

130 98.2 66.4 123.4



#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV007023.D

Acq: 15 Aug 2018 20:32

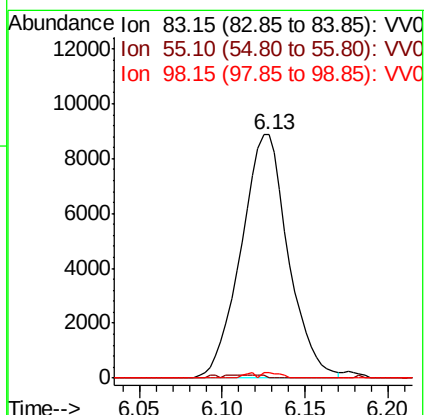
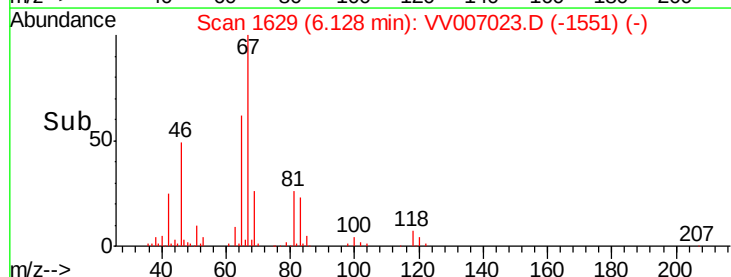
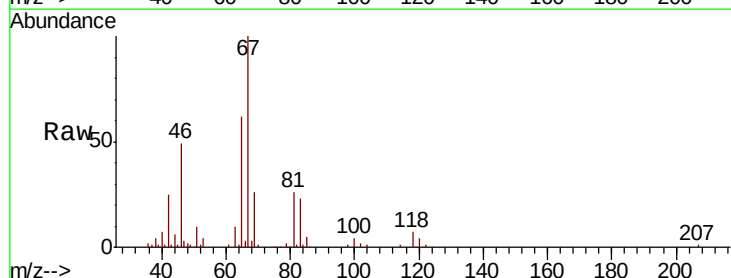
Tgt Ion: 83 Resp: 17588

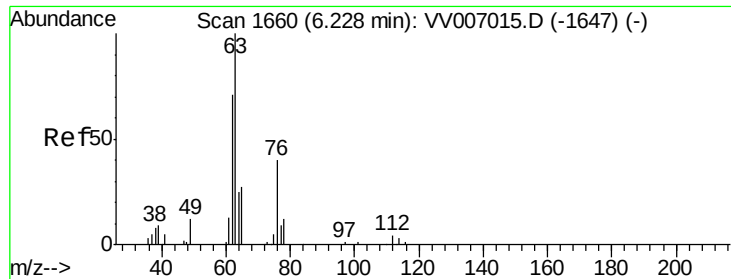
Ion Ratio Lower Upper

83 100

55 1.0 68.1 102.1#

98 0.9 37.9 56.9#

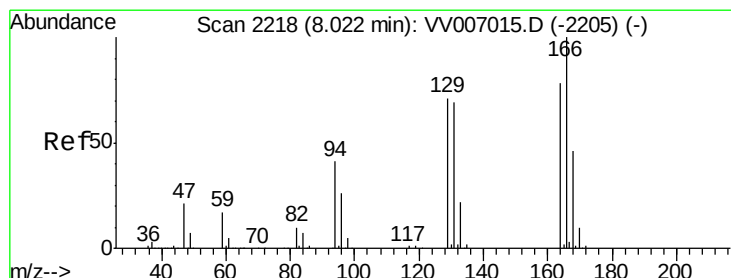
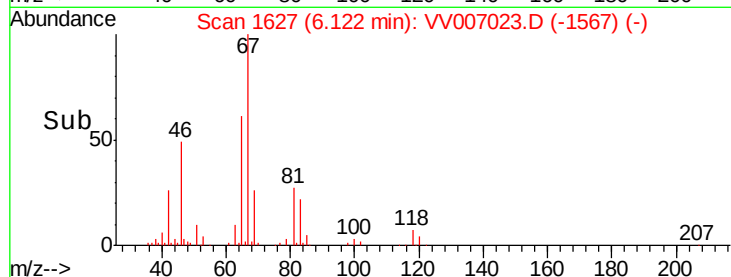
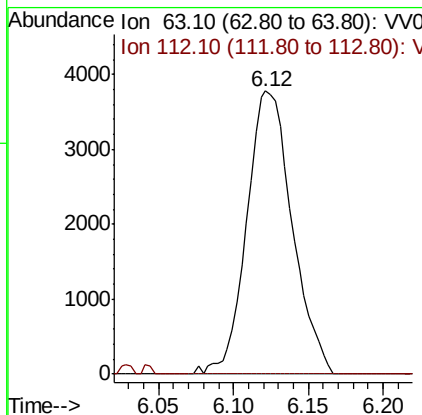
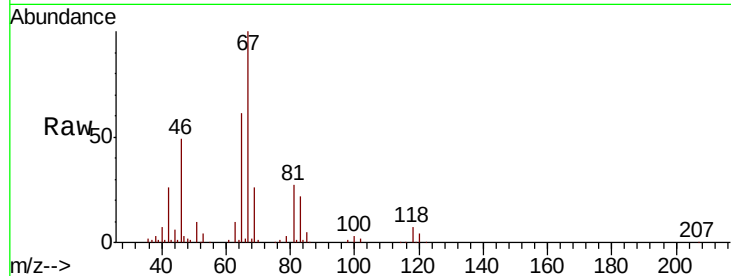




#37
 1,2-Dichloropropane
 Concen: 0.458 ug/L
 RT: 6.12 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VV007023.D
 Acq: 15 Aug 2018 20:32

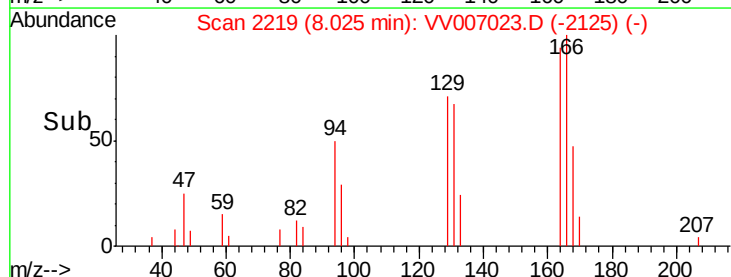
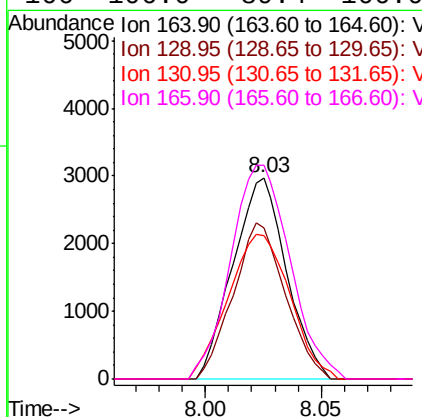
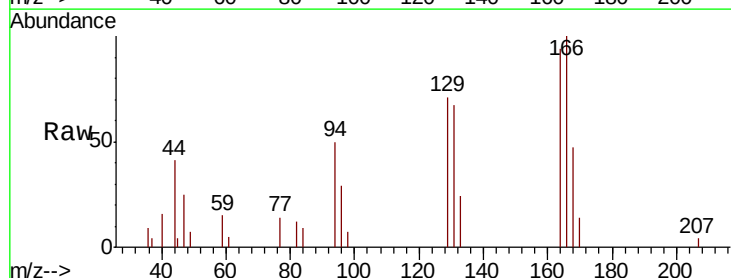
Instrument :
 MSVOA_V
 ClientSampleId :
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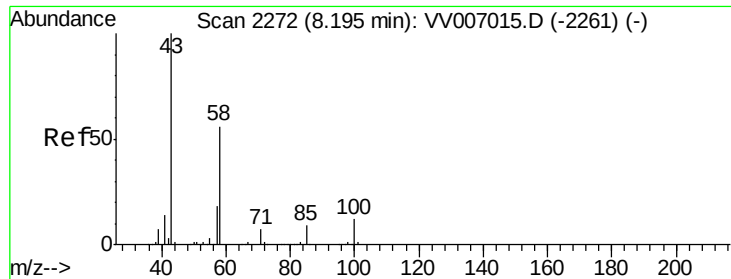
Tgt Ion: 63 Resp: 7985
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.5 5.3#



#47
 Tetrachloroethene
 Concen: 0.386 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV007023.D
 Acq: 15 Aug 2018 20:32

Tgt Ion: 164 Resp: 4785
 Ion Ratio Lower Upper
 164 100
 129 74.8 65.9 122.3
 131 71.4 64.2 119.2
 166 106.0 89.4 166.0

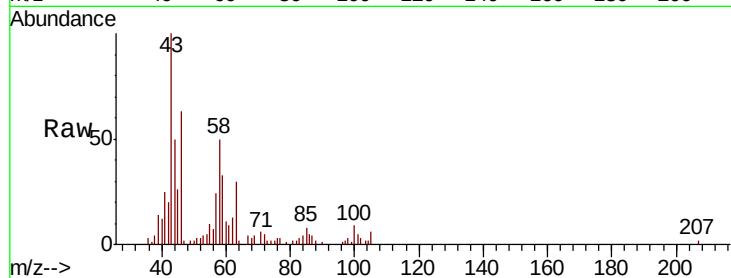




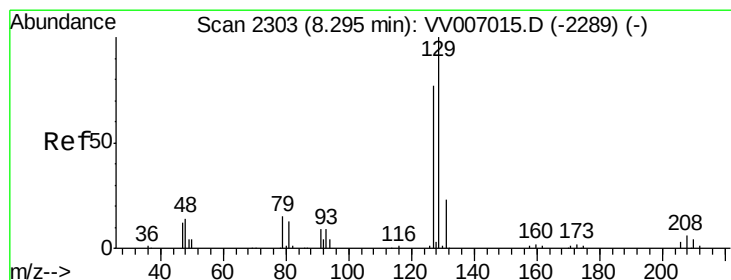
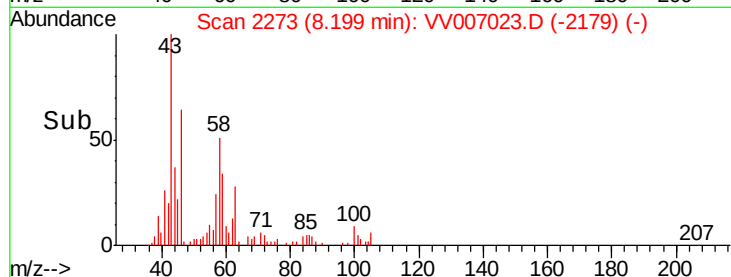
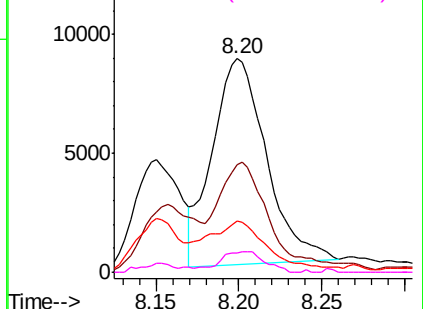
#48
2-Hexanone
Concen: 2.948 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007023.D
Acq: 15 Aug 2018 20:32

Instrument :
MSVOA_V
ClientSampleId :
C02Z3

Tgt Ion: 43 Resp: 19587
Ion Ratio Lower Upper
43 100
58 44.4 44.2 66.2
57 27.1 14.8 22.2#
100 8.1 8.8 13.2#

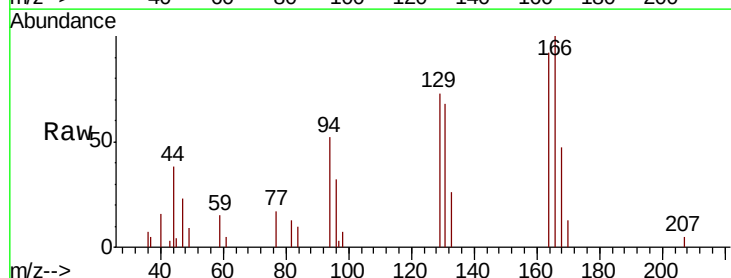


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#49
Dibromochloromethane
Concen: 0.294 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV007023.D
Acq: 15 Aug 2018 20:32

Tgt Ion: 129 Resp: 3505
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

