

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
 Data File : VV007020.D
 Acq On : 15 Aug 2018 19:12
 Operator : SY/MD
 Sample : J4487-19
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0351

Quant Time: Aug 16 02:49:32 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	199003	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192803	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75747	5.00	ug/L	0.00

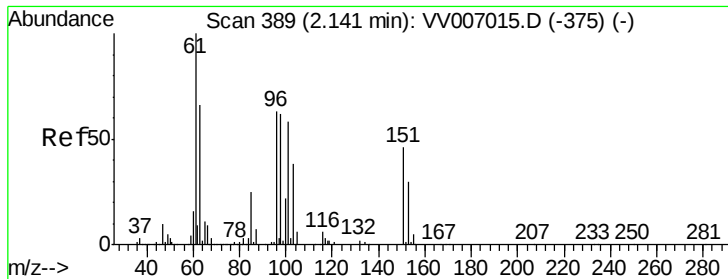
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64025	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	53207	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.14	63	602782	25.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	500.00%#
20) 2-Butanone-d5	3.97	46	171383	46.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.78%
24) Chloroform-d	4.41	84	123476	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	62028	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.10	84	242145	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	79325	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.37	98	175881	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	24231	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.15	63	78590	32.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59678	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	61373	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3451	0.234	ug/L #	29
12) 1,1-Dichloroethene	2.14	96	1042471	72.950	ug/L #	70
13) Acetone	2.21	43	4253	2.236	ug/L	82
15) Methyl Acetate	2.47	43	3434	0.641	ug/L #	79
19) 1,1-Dichloroethane	3.23	63	128665	4.658	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	3658857	142.322	ug/L	98
31) Carbon tetrachloride	4.66	117	482931	22.400	ug/L	98
34) Trichloroethene	5.96	95	15419	0.963	ug/L	95
35) Methylcyclohexane	6.12	83	18351	0.714	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8207	0.449	ug/L #	87
48) 2-Hexanone	8.20	43	14270	2.049	ug/L #	92

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



#10

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

Concen: 0.234 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

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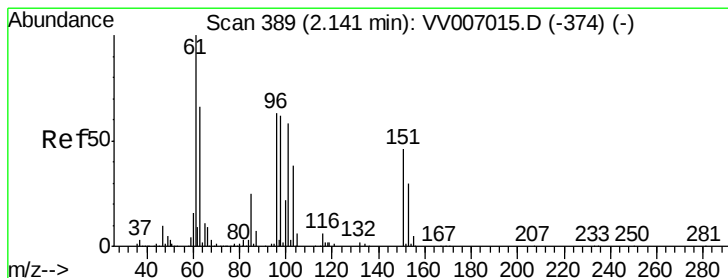
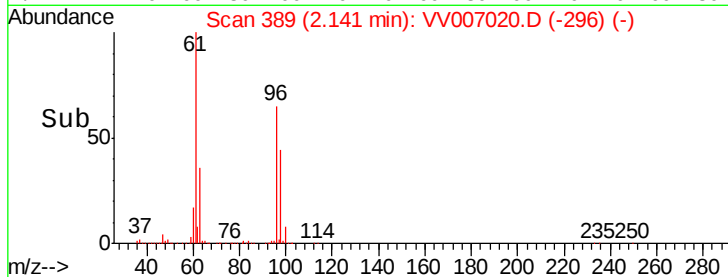
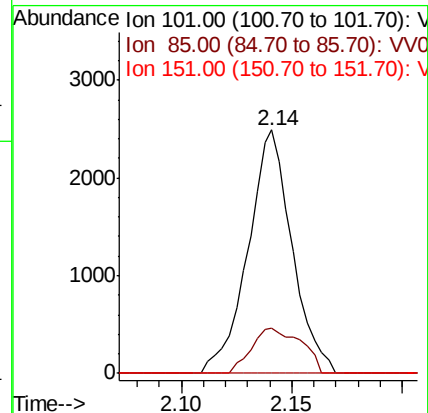
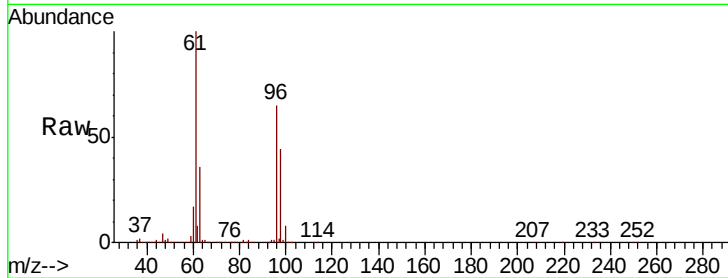
Tgt Ion: 101 Resp: 3451

Ion Ratio Lower Upper

101 100

85 21.0 33.9 50.9#

151 0.0 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 72.950 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007020.D

Acq: 15 Aug 2018 19:12

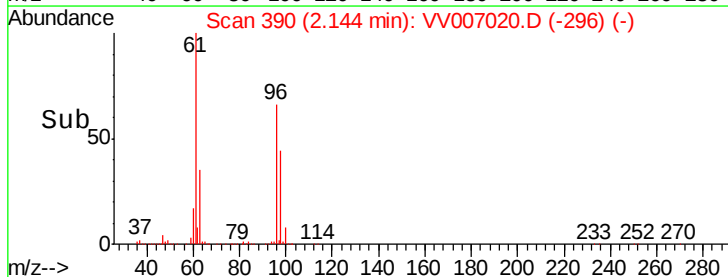
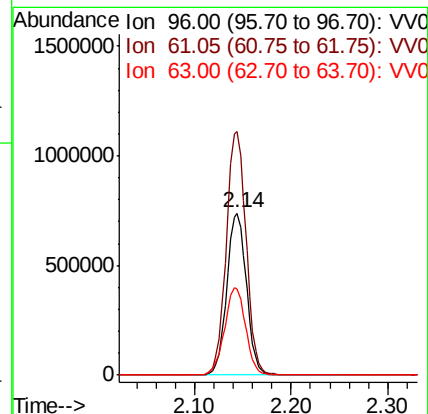
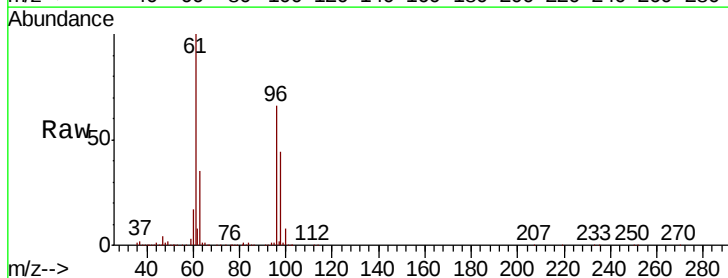
Tgt Ion: 96 Resp: 1042471

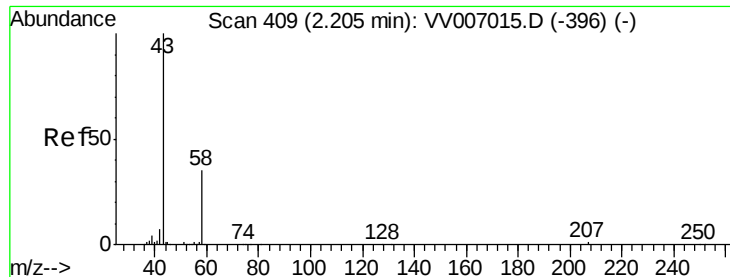
Ion Ratio Lower Upper

96 100

61 150.4 111.6 207.4

63 53.0 84.9 157.7#





#13

Acetone

Concen: 2.236 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.00 min

Lab File: VV007020.D

Acq: 15 Aug 2018 19:12

Instrument :

MSVOA_V

ClientSampleId :

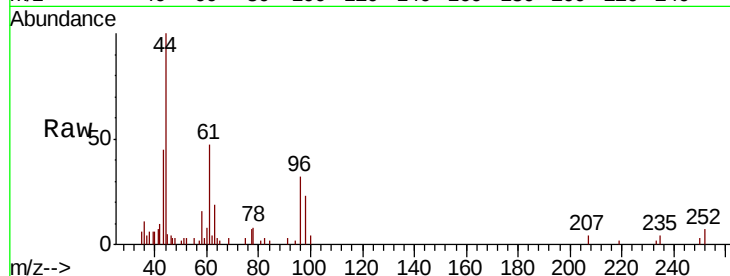
C0351

Tgt Ion: 43 Resp: 4253

Ion Ratio Lower Upper

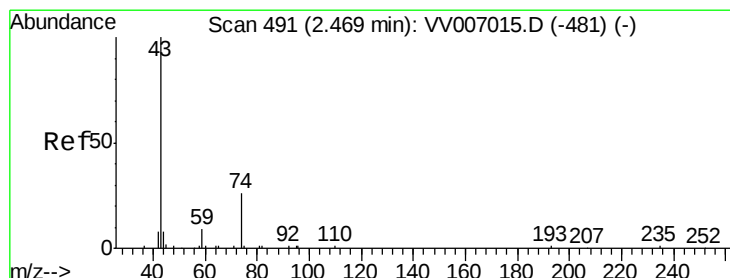
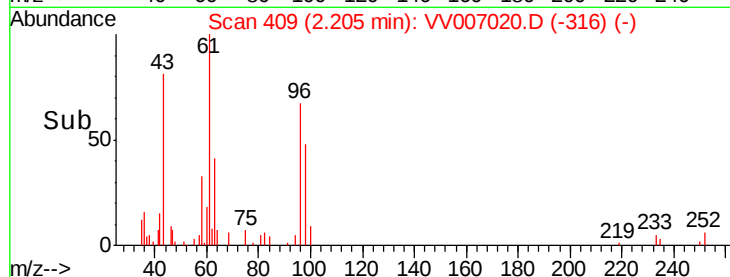
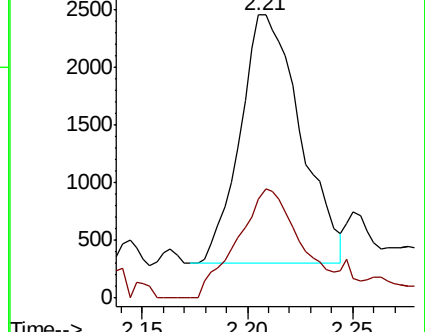
43 100

58 46.3 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007015.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007015.D (-396) (-)



#15

Methyl Acetate

Concen: 0.641 ug/L

RT: 2.47 min Scan# 491

Delta R.T. -0.00 min

Lab File: VV007020.D

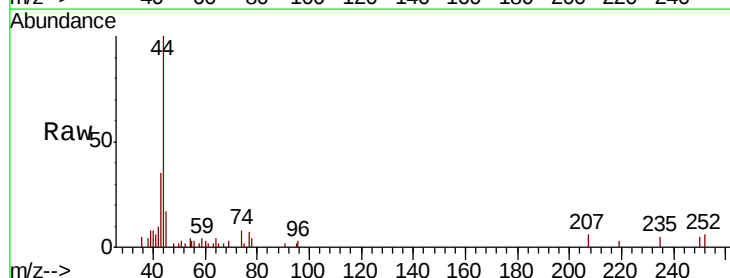
Acq: 15 Aug 2018 19:12

Tgt Ion: 43 Resp: 3434

Ion Ratio Lower Upper

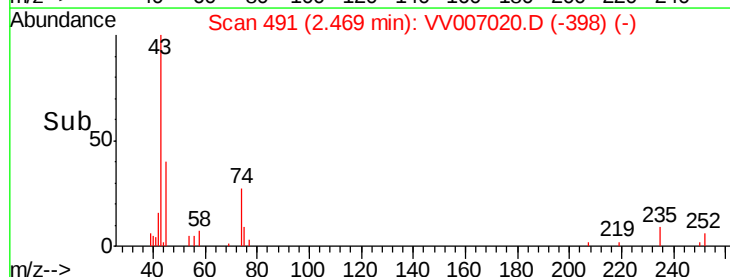
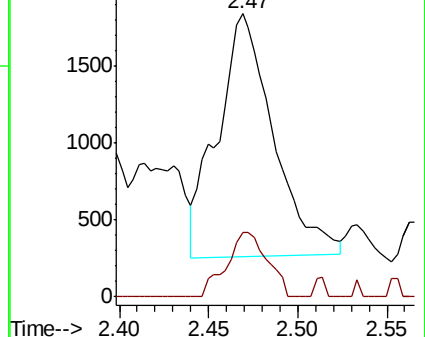
43 100

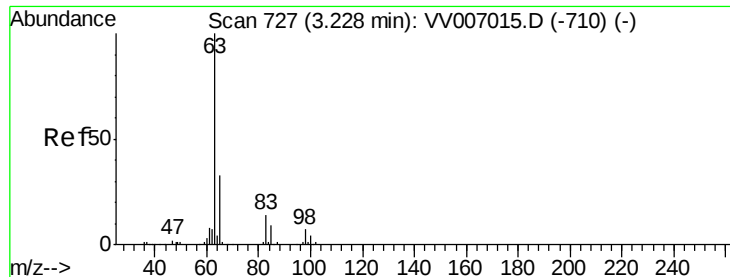
74 19.5 24.6 37.0#



Abundance Ion 43.05 (42.75 to 43.75): VV007015.D (-481) (-)

Ion 74.05 (73.75 to 74.75): VV007015.D (-481) (-)

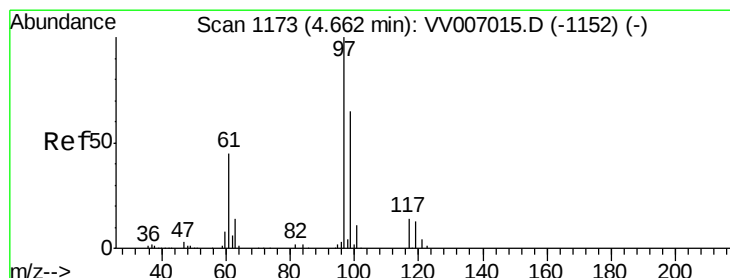
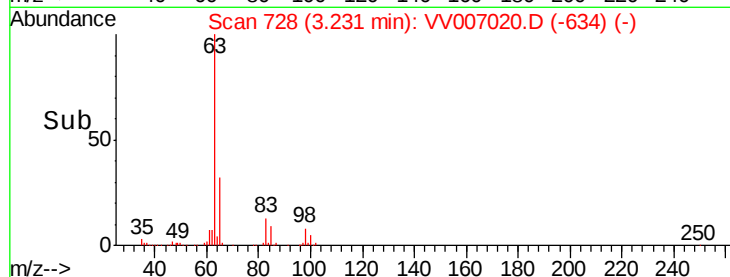
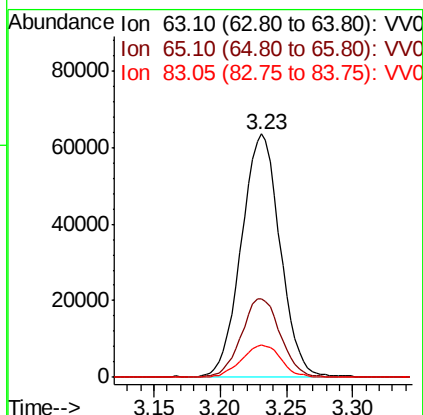
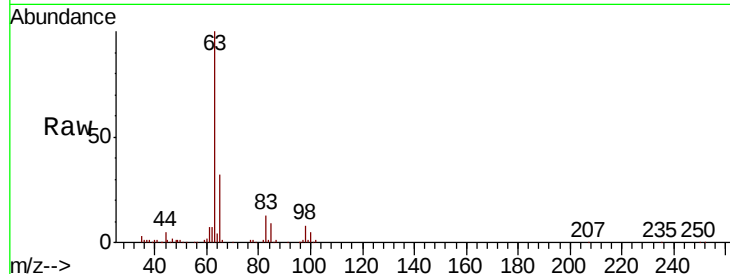




#19
 1,1-Dichloroethane
 Concen: 4.658 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV007020.D
 Acq: 15 Aug 2018 19:12

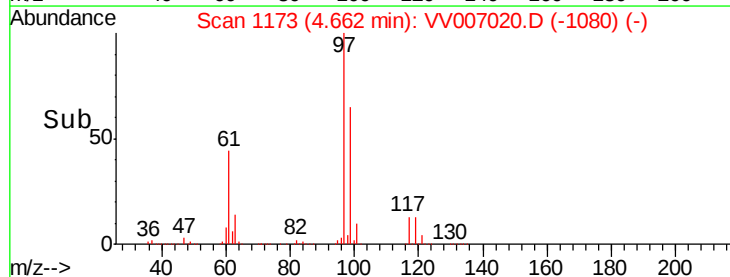
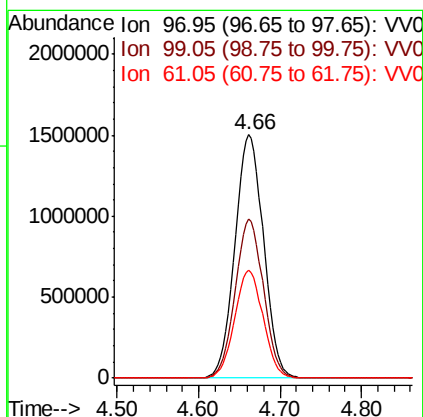
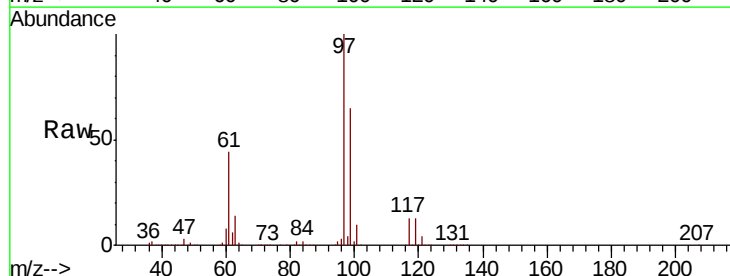
Instrument :
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 C0351

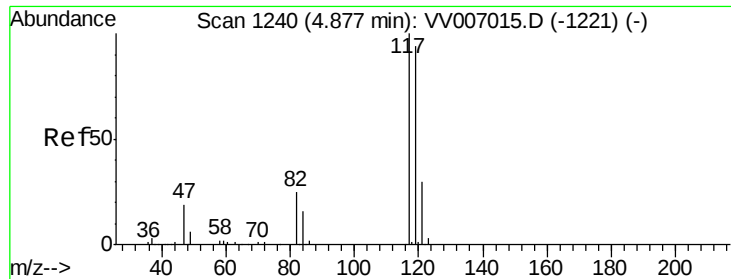
Tgt Ion: 63 Resp: 128665
 Ion Ratio Lower Upper
 63 100
 65 32.0 21.7 40.3
 83 13.1 10.0 18.6



#29
 1,1,1-Trichloroethane
 Concen: 142.322 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007020.D
 Acq: 15 Aug 2018 19:12

Tgt Ion: 97 Resp: 3658857
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.6
 61 44.3 36.6 54.8

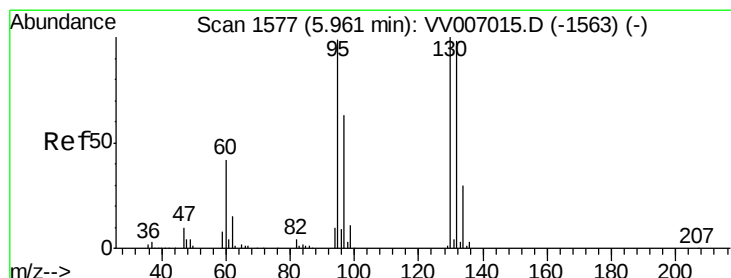
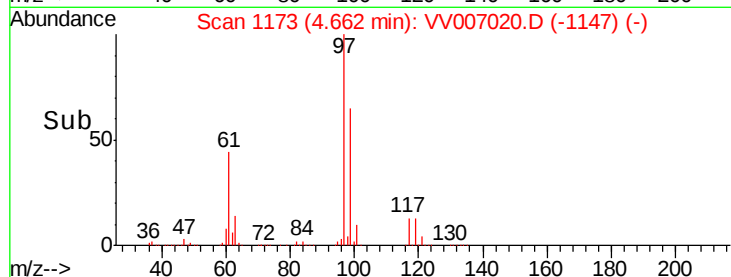
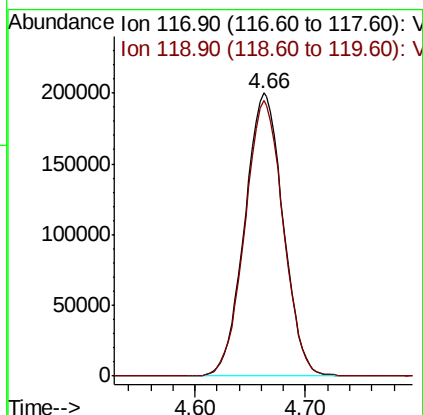
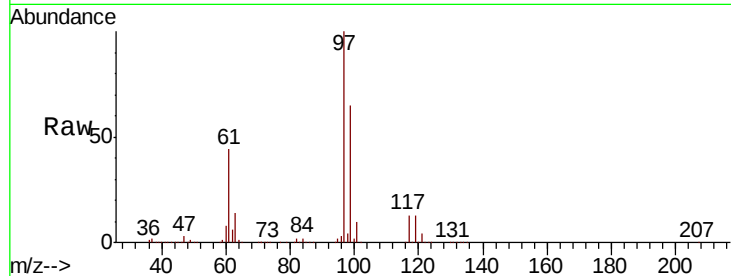




#31
Carbon tetrachloride
Concen: 22.400 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. -0.22 min
Lab File: VV007020.D
Acq: 15 Aug 2018 19:12

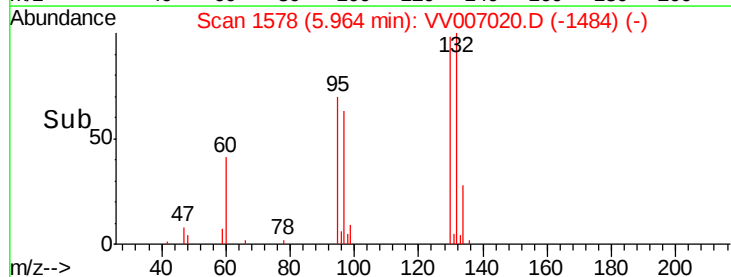
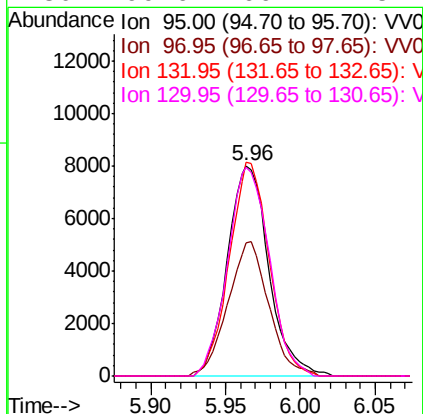
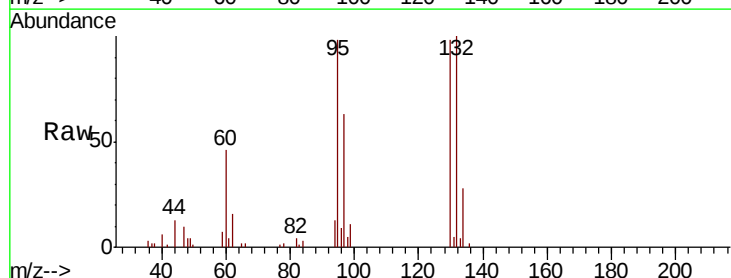
Instrument :
MSVOA_V
ClientSampleId :
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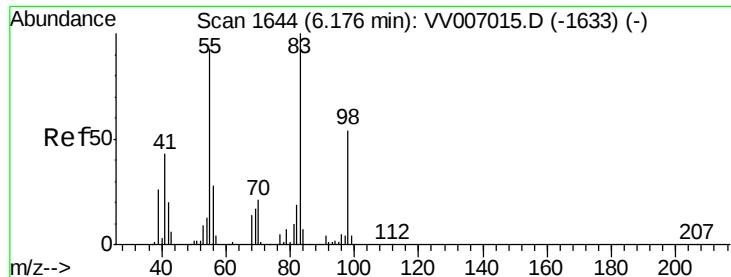
Tgt Ion: 117 Resp: 482931
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4



#34
Trichloroethene
Concen: 0.963 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007020.D
Acq: 15 Aug 2018 19:12

Tgt Ion: 95 Resp: 15419
Ion Ratio Lower Upper
95 100
97 63.7 44.8 83.2
132 101.7 65.5 121.6
130 99.6 66.4 123.4

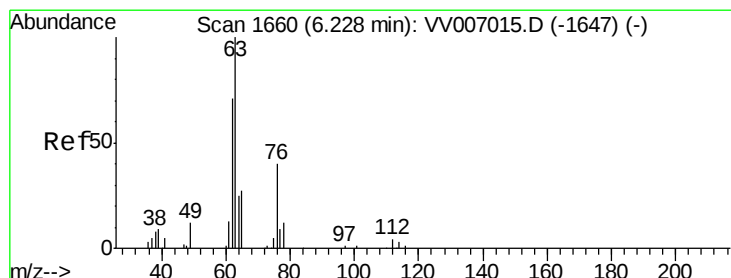
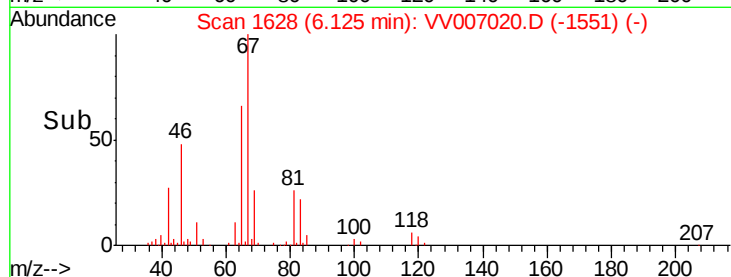
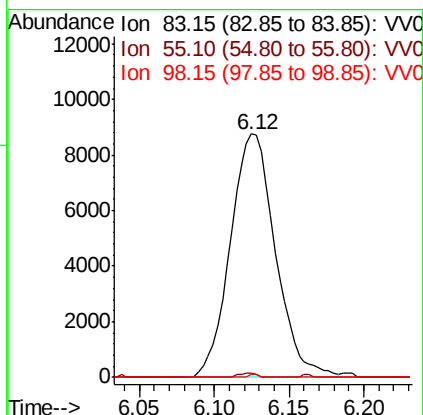
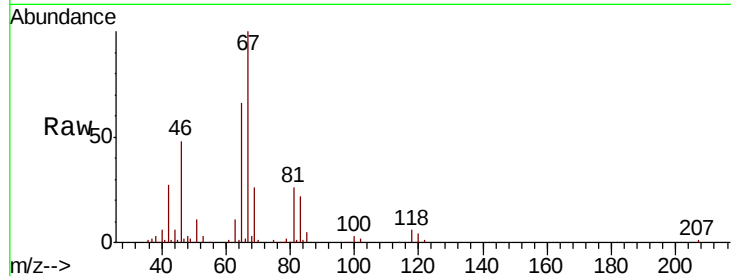




#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007020.D
Acq: 15 Aug 2018 19:12

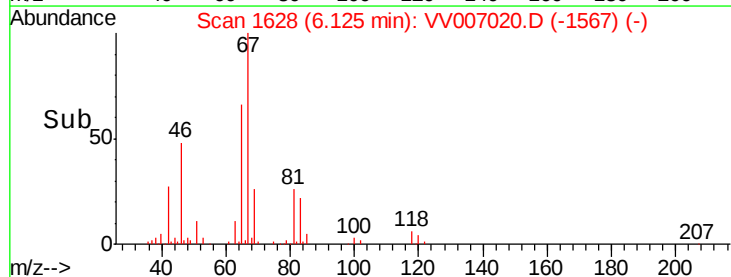
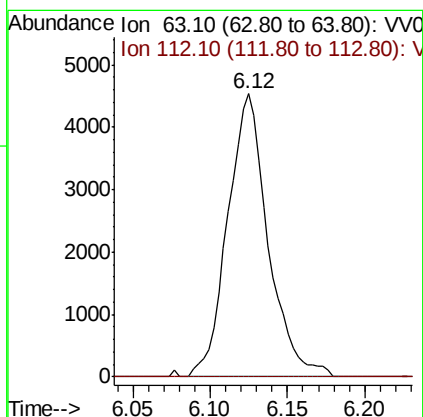
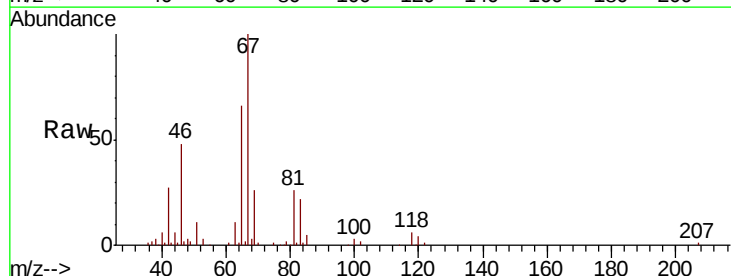
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ClientSampleId :
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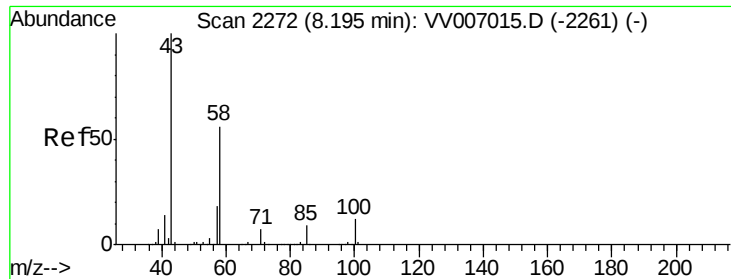
Tgt Ion: 83 Resp: 18351
Ion Ratio Lower Upper
83 100
55 0.7 68.1 102.1#
98 0.2 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.449 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007020.D
Acq: 15 Aug 2018 19:12

Tgt Ion: 63 Resp: 8207
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#48

2-Hexanone

Concen: 2.049 ug/L

RT: 8.20 min Scan# 2274

Delta R.T. 0.01 min

Lab File: VV007020.D

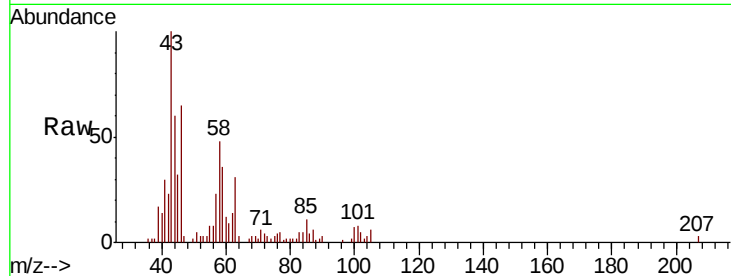
Acq: 15 Aug 2018 19:12

Instrument :

MSVOA_V

ClientSampleId :

C0351



Tgt Ion: 43 Resp: 14270

Ion Ratio Lower Upper

43 100

58 49.9 44.2 66.2

57 20.4 14.8 22.2

100 3.0 8.8 13.2#

