

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008193.D
 Acq On : 09 Oct 2018 11:18
 Operator : SY/MD
 Sample : J5280-13DL 5X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYKODL

Quant Time: Oct 10 03:12:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 03:08:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	97245	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42815	5.00	ug/L	0.00

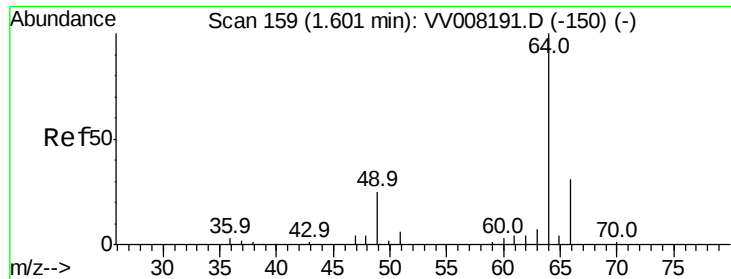
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21656	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.59	69	18861	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	2.13	63	32821	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	3.96	46	55906	38.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.86%
24) Chloroform-d	4.41	84	46671	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
26) 1,2-Dichloroethane-d4	5.09	65	23494	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
32) Benzene-d6	5.10	84	91036	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
36) 1,2-Dichloropropane-d6	6.12	67	29662	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.80%
41) Toluene-d8	7.36	98	81281	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	7.67	79	9581	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.14	63	30931	29.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19105	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	32302	3.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.60%#

Target Compounds

				Ovalue	
8) Chloroethane	1.32	64	410	0.099	ug/L # 1
29) 1,1,1-Trichloroethane	4.66	97	1113	0.107	ug/L 98
34) Trichloroethene	5.96	95	41385	5.980	ug/L 98
35) Methylcyclohexane	6.12	83	7064	0.731	ug/L # 17
37) 1,2-Dichloropropane	6.12	63	3242	0.507	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	610	0.074	ug/L # 35
48) 2-Hexanone	8.20	43	5014	2.036	ug/L # 89

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



#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV008193.D

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Instrument :

MSVOA_V

ClientSampleId :

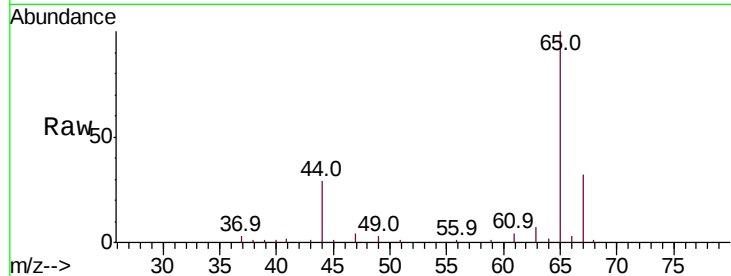
BEYKODL

Tot Ion: 64 Resp: 410

Ion Ratio Lower Upper

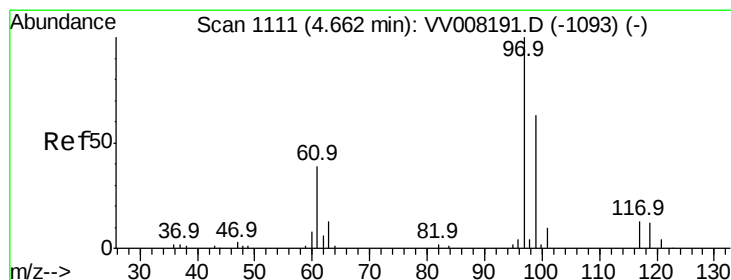
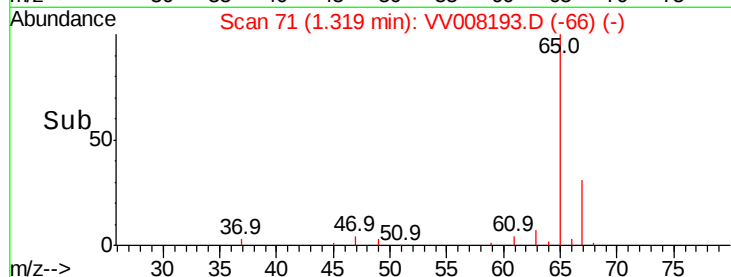
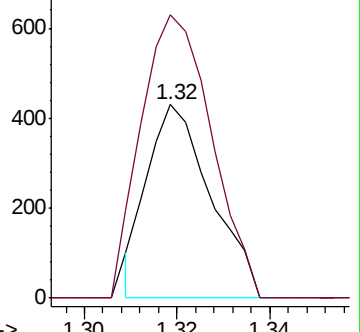
64 100

66 146.3 24.1 44.8#



Abundance Ion 64.10 (63.80 to 64.80): VV008191.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV008191.D (-150) (-)



#29

1,1,1-Trichloroethane

Concen: 0.107 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008193.D

Acq: 09 Oct 2018 11:18

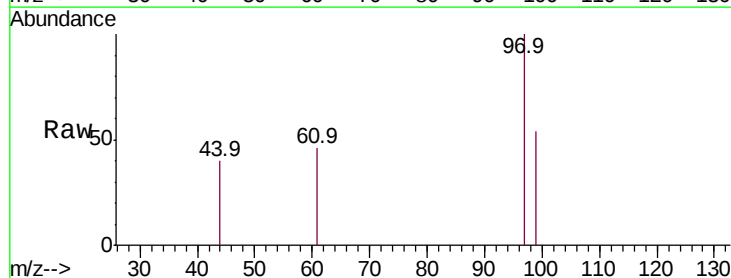
Tgt Ion: 97 Resp: 1113

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.4

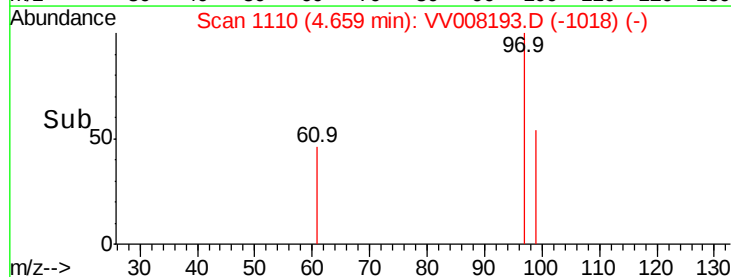
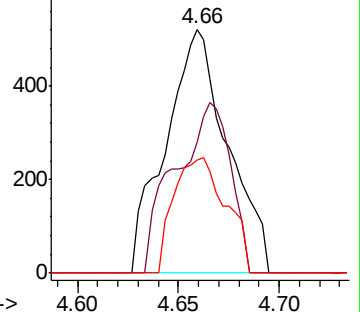
61 40.2 34.0 51.0

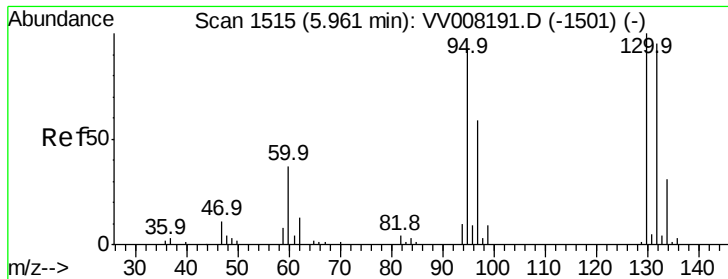


Abundance Ion 96.95 (96.65 to 97.65): VV008191.D (-1093) (-)

Ion 99.05 (98.75 to 99.75): VV008191.D (-1093) (-)

Ion 61.05 (60.75 to 61.75): VV008191.D (-1093) (-)

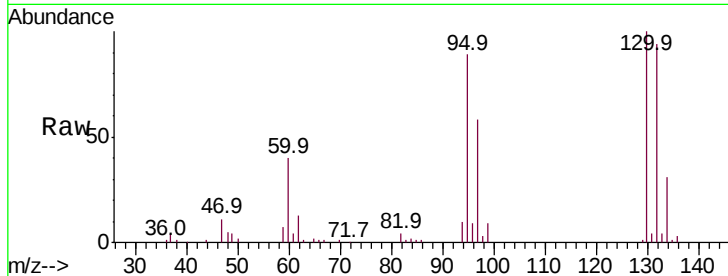




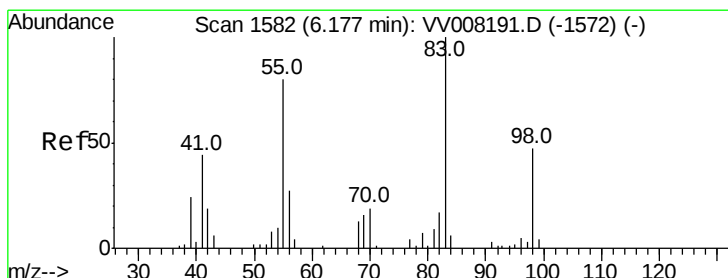
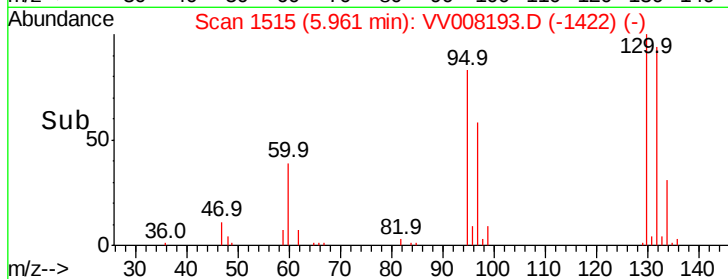
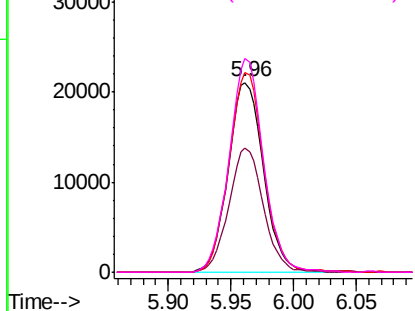
#34
 Trichloroethene
 Concen: 5.980 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008193.D
 Acq: 09 Oct 2018 11:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYKODL

Tot Ion: 95 Resp: 41385
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.9 83.5
 132 105.4 73.6 136.6
 130 112.6 76.2 141.6

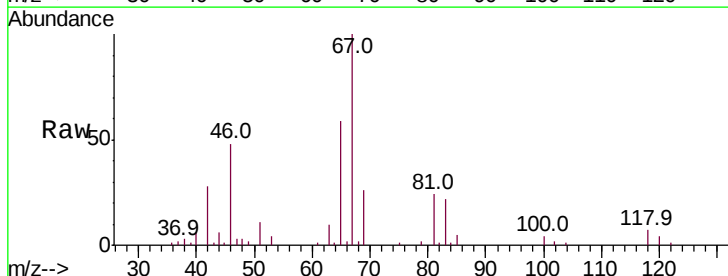


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

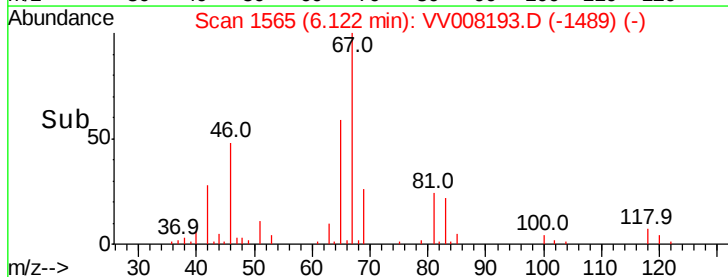
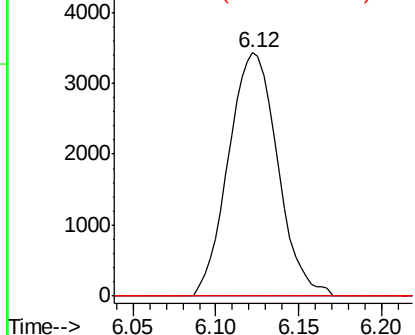


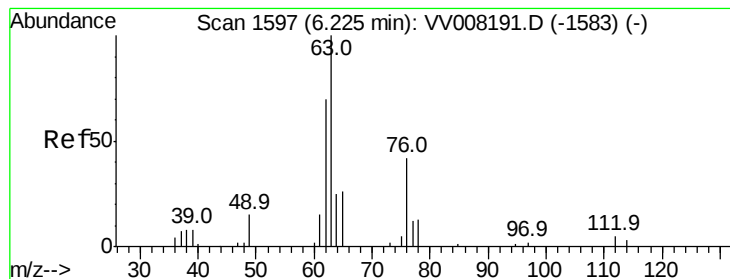
#35
 Methylcyclohexane
 Concen: 0.731 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008193.D
 Acq: 09 Oct 2018 11:18

Tgt Ion: 83 Resp: 7064
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.6 95.4#
 98 0.0 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008193.D

Acq: 09 Oct 2018 11:18

Instrument :

MSVOA_V

ClientSampleId :

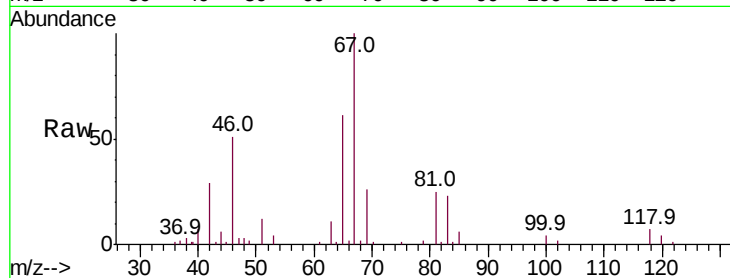
BEYKODL

Tot Ion: 63 Resp: 3242

Ion Ratio Lower Upper

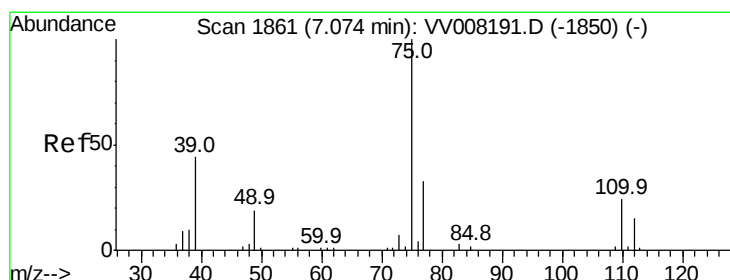
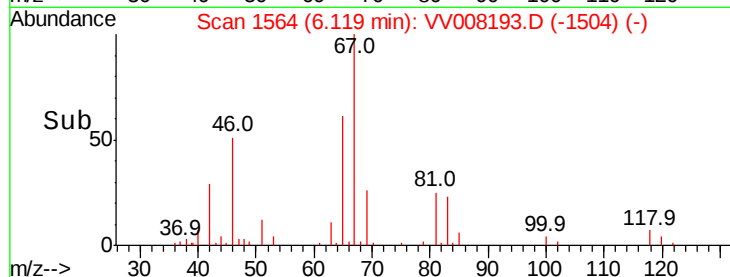
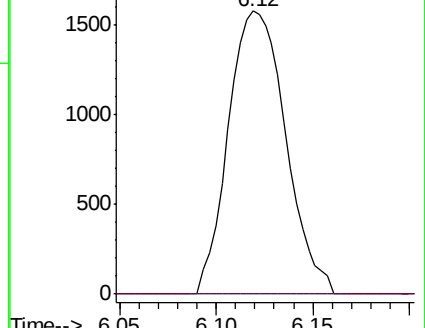
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008191.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008191.D (-1583) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008193.D

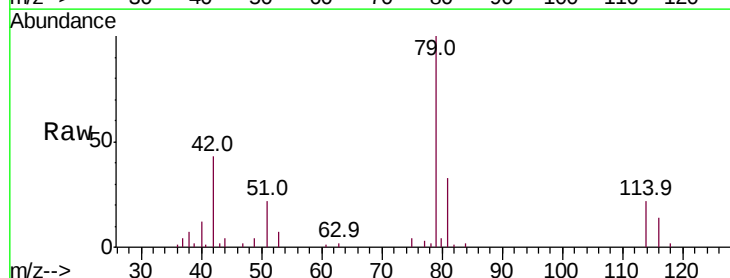
Acq: 09 Oct 2018 11:18

Tgt Ion: 75 Resp: 610

Ion Ratio Lower Upper

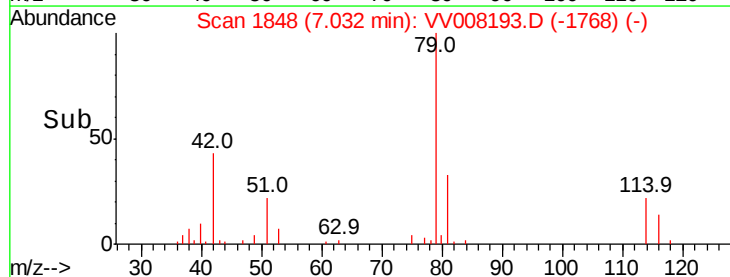
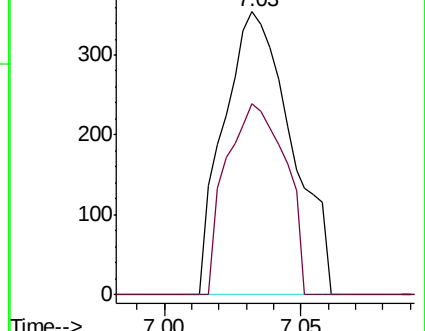
75 100

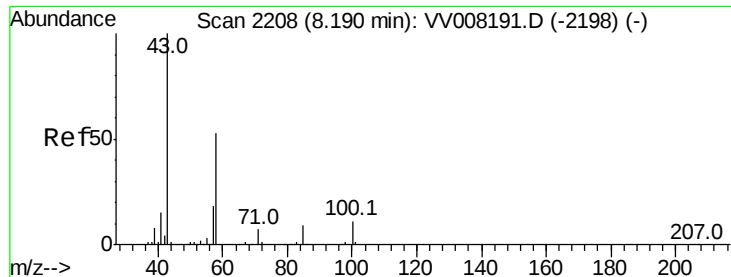
77 67.5 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008191.D (-1850) (-)

Ion 77.05 (76.75 to 77.75): VV008191.D (-1850) (-)





#48
 2-Hexanone
 Concen: 2.036 ug/L
 RT: 8.20 min Scan# 2211
 Delta R.T. 0.01 min
 Lab File: VV008193.D
 Acq: 09 Oct 2018 11:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYK0DL

Tot Ion: 43 Resp: 5014
 Ion Ratio Lower Upper
 43 100
 58 43.6 40.5 60.7
 57 14.5 14.6 22.0#
 100 3.7 9.3 13.9#

