

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008209.D
 Acq On : 09 Oct 2018 19:37
 Operator : SY/MD
 Sample : J5282-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYM8

Quant Time: Oct 10 03:14:16 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	89603	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25683	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.59	69	21893	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.14	63	38113	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.96	46	82842	62.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.22%
24) Chloroform-d	4.41	84	57463	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.09	65	30343	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	109514	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	36296	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	95557	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	11893	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	51713	51.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26768	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	41679	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

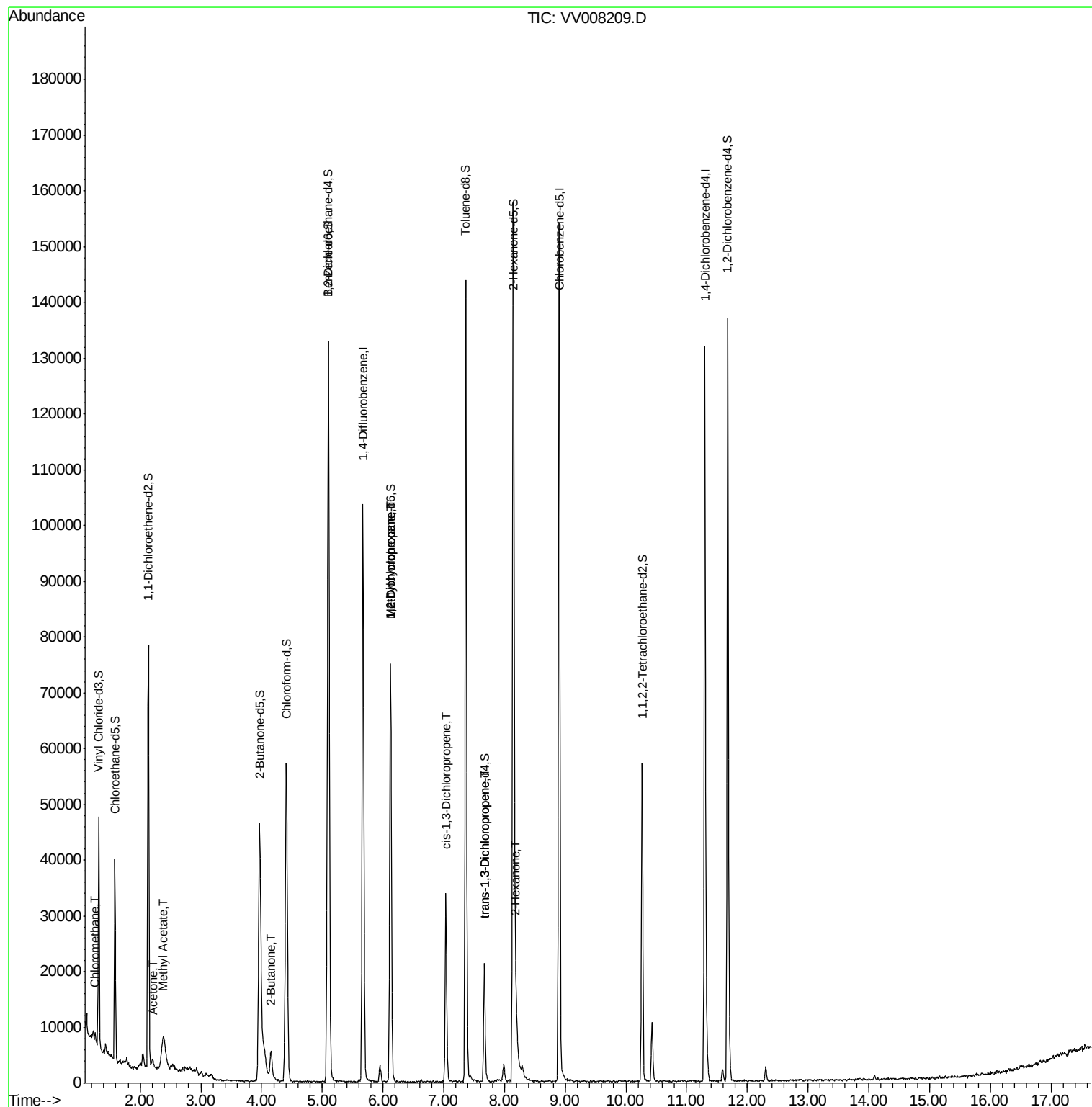
					Ovalue
3) Chloromethane	1.25	50	1221	0.238	ug/L 88
13) Acetone	2.21	43	2542	2.835	ug/L 89
15) Methyl Acetate	2.37	43	1979	0.930	ug/L # 53
21) 2-Butanone	4.15	43	7653	5.291	ug/L # 49
35) Methylcyclohexane	6.13	83	8416	0.920	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3865	0.638	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	927	0.119	ug/L # 59
44) trans-1,3-Dichloropropene	7.67	75	547	0.087	ug/L 99
48) 2-Hexanone	8.19	43	5135	2.204	ug/L # 83

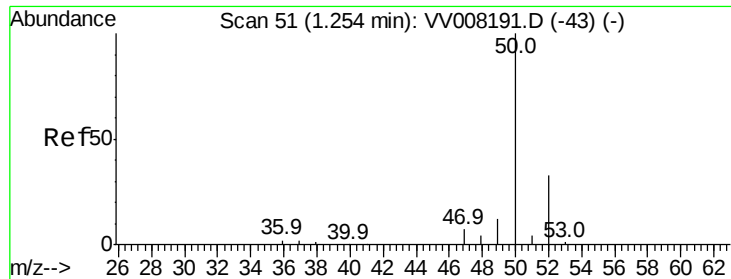
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.238 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008209.D

Acq: 09 Oct 2018 19:37

Instrument :

MSVOA_V

ClientSampleId :

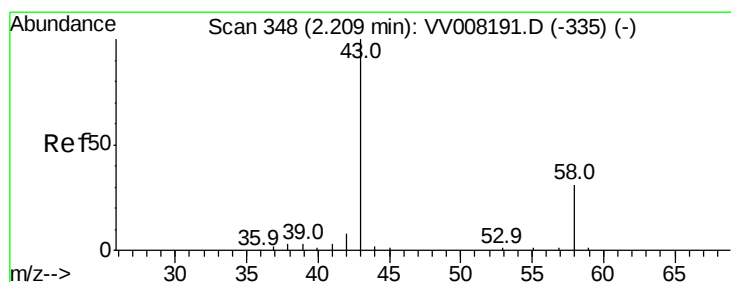
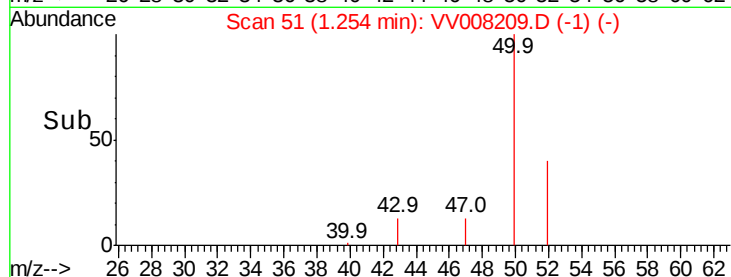
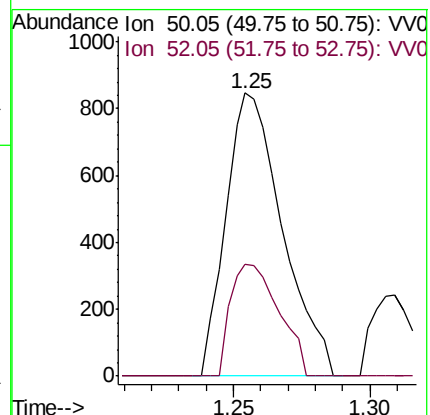
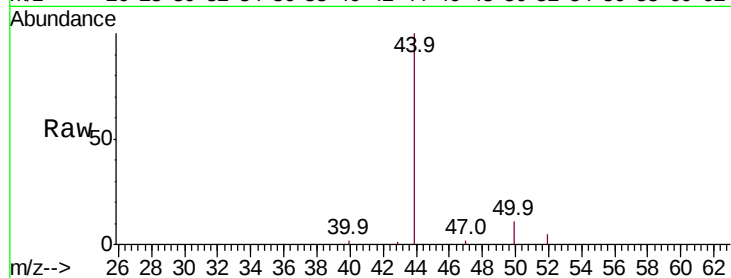
BEYM8

Tot Ion: 50 Resp: 1221

Ion Ratio Lower Upper

50 100

52 39.7 22.9 42.5



#13

Acetone

Concen: 2.835 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV008209.D

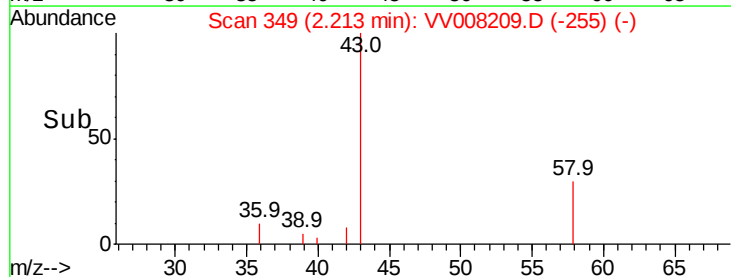
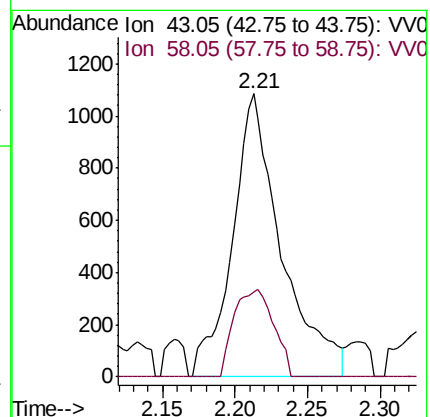
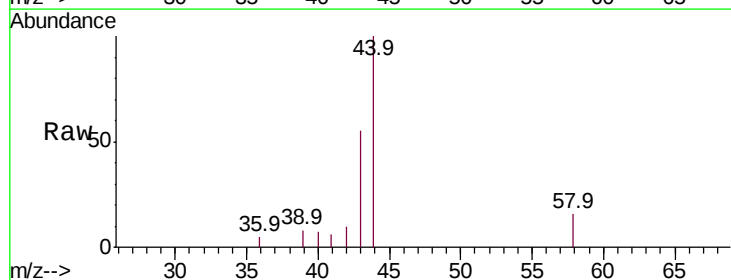
Acq: 09 Oct 2018 19:37

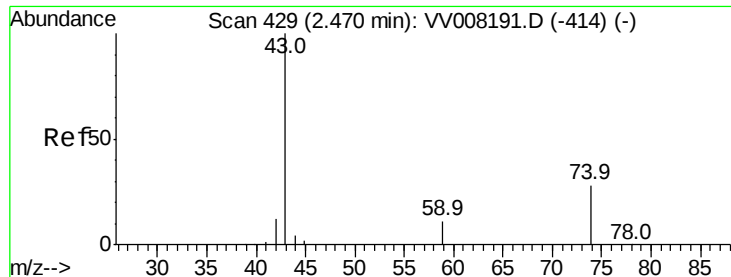
Tgt Ion: 43 Resp: 2542

Ion Ratio Lower Upper

43 100

58 24.9 0.0 62.2

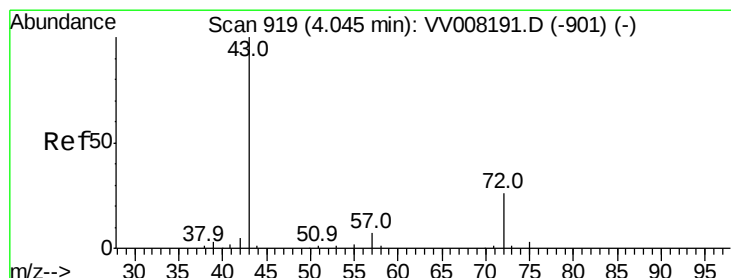
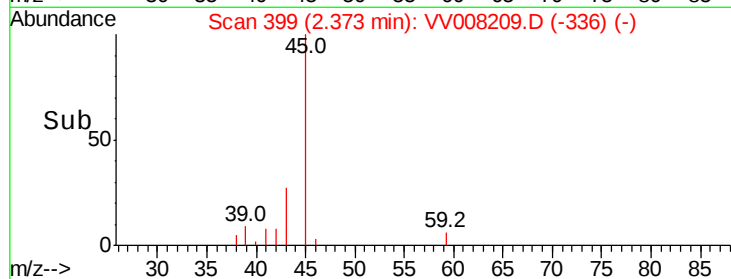
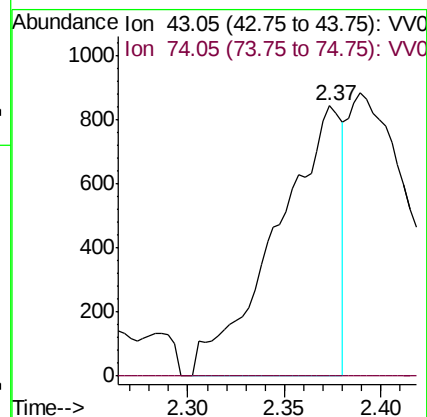
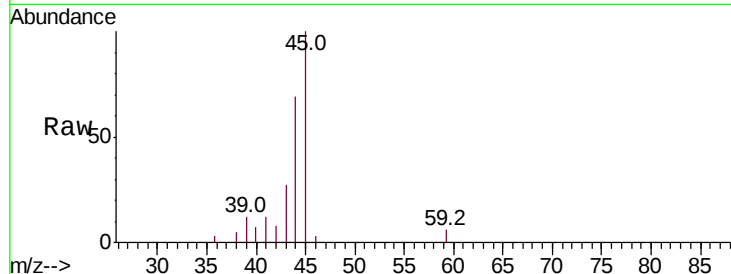




#15
Methyl Acetate
Concen: 0.930 ug/L
RT: 2.37 min Scan# 399
Delta R.T. -0.10 min
Lab File: VV008209.D
Acq: 09 Oct 2018 19:37

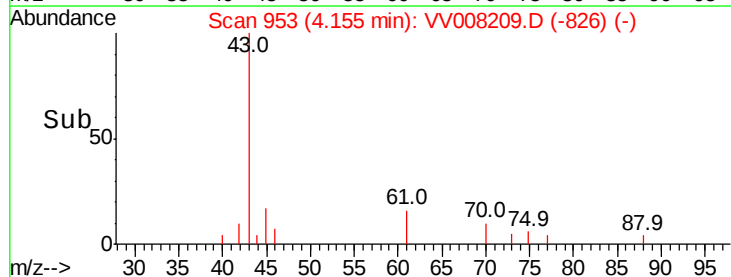
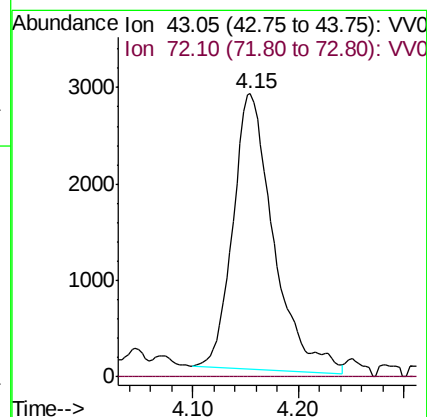
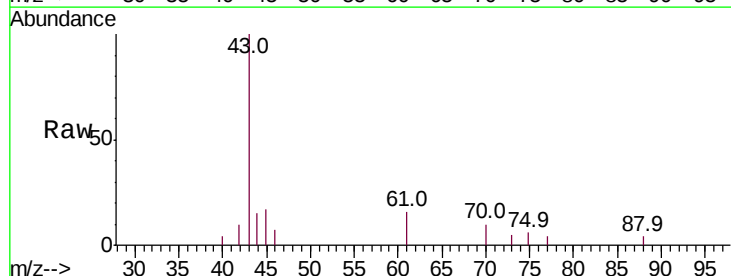
Instrument :
MSVOA_V
ClientSampled :
BEYM8

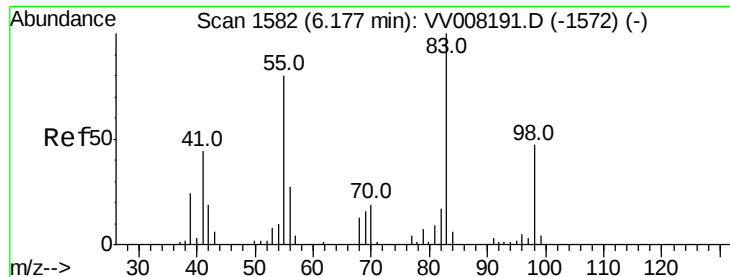
Tot Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#21
2-Butanone
Concen: 5.291 ug/L
RT: 4.15 min Scan# 953
Delta R.T. 0.11 min
Lab File: VV008209.D
Acq: 09 Oct 2018 19:37

Tgt Ion: 43 Resp: 7653
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.6#





#35

Methvlcvclohexane

Concen: 0.920 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008209.D

Acq: 09 Oct 2018 19:37

Instrument :

MSVOA_V

ClientSampleId :

BEYM8

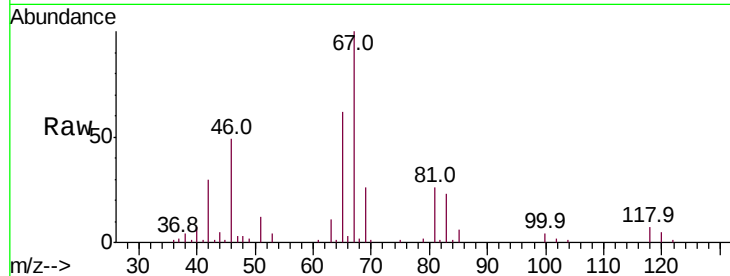
Tot Ion: 83 Resp: 8416

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

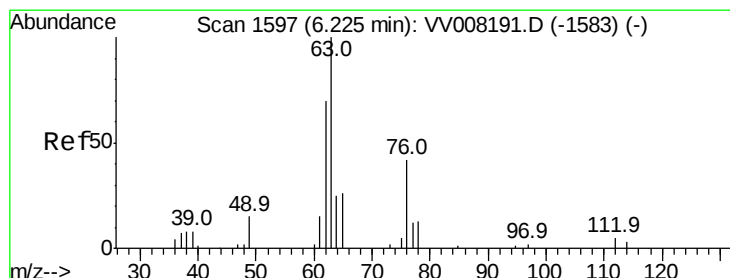
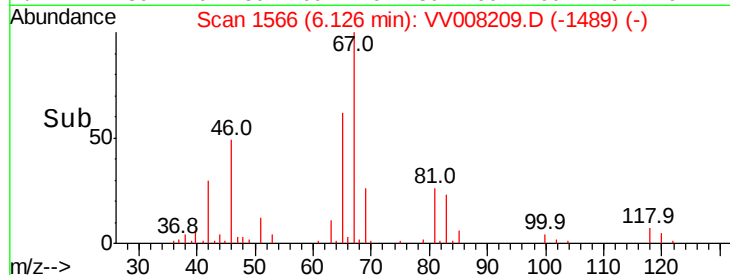
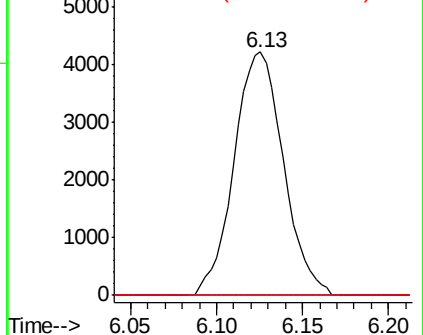
98 1.5 38.3 57.5#



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: 0.638 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008209.D

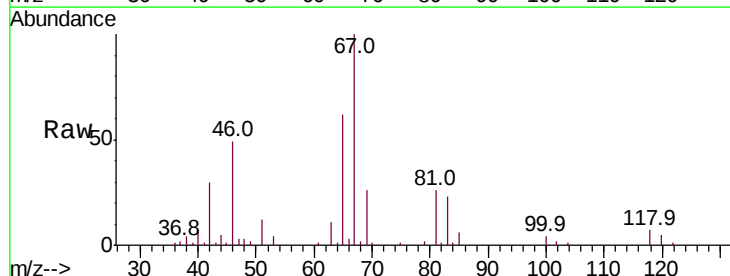
Acq: 09 Oct 2018 19:37

Tgt Ion: 63 Resp: 3865

Ion Ratio Lower Upper

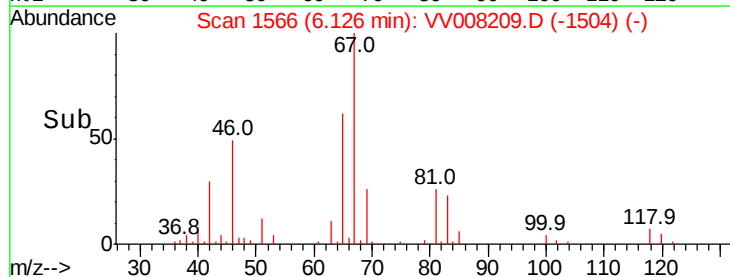
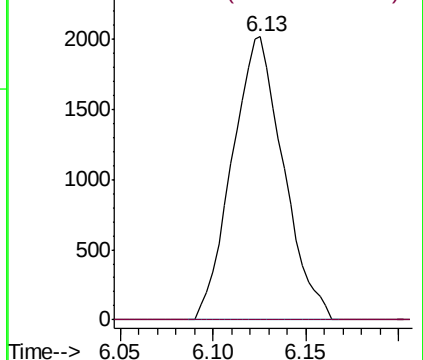
63 100

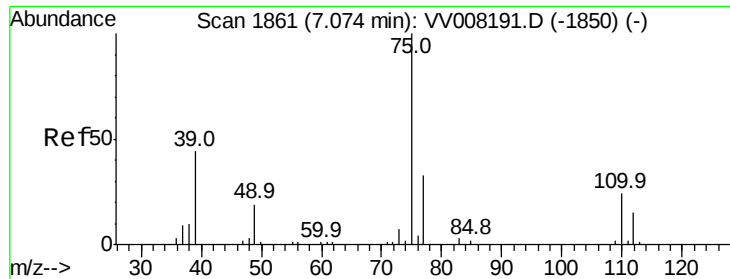
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

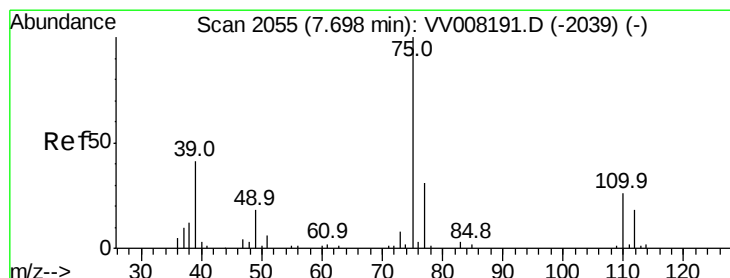
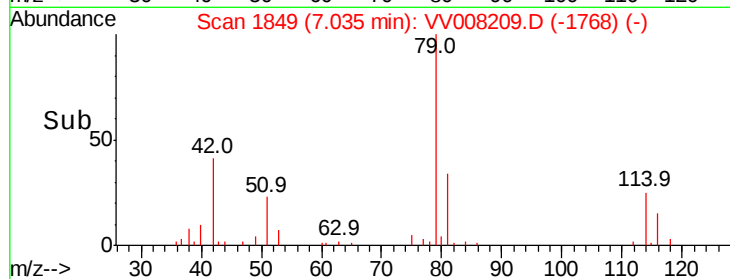
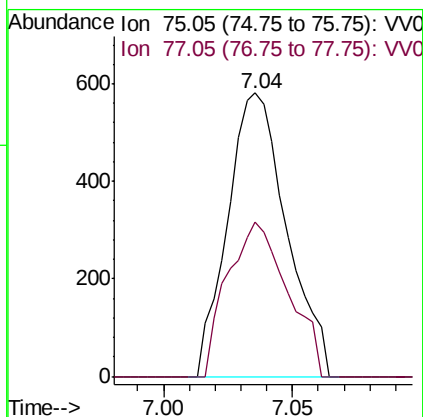
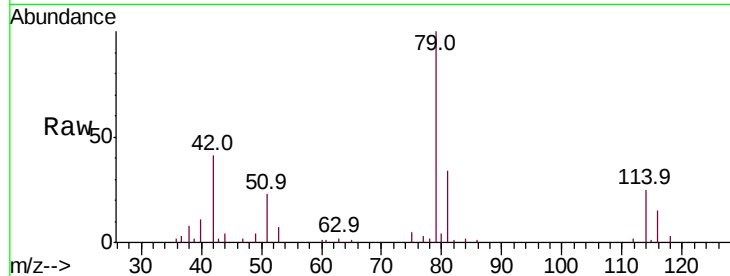




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008209.D
 Acq: 09 Oct 2018 19:37

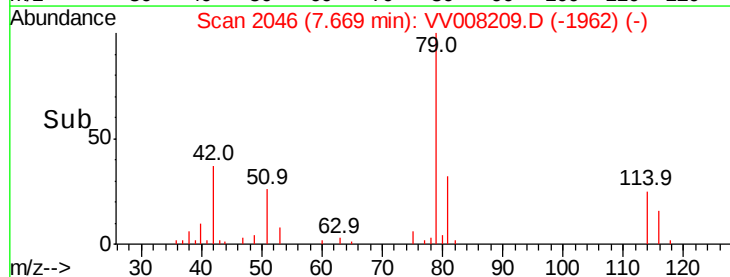
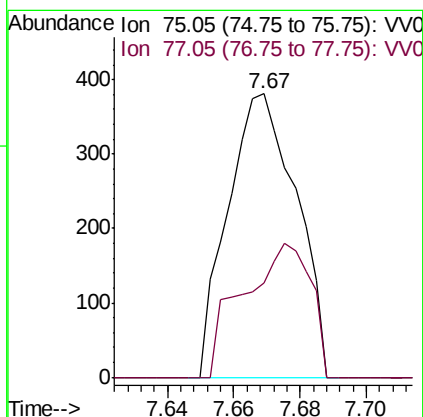
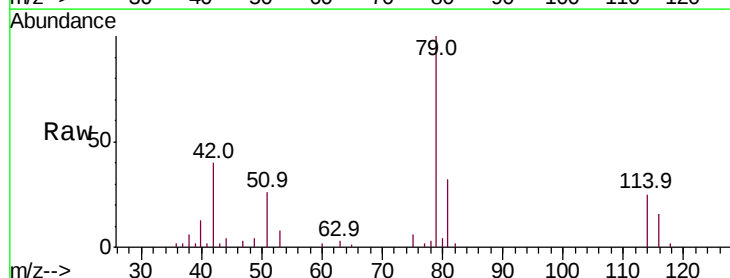
Instrument :
 MSVOA_V
 ClientSampleId :
 BEYM8

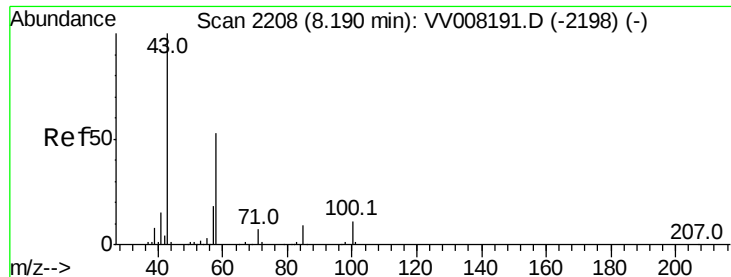
Tot Ion: 75 Resp: 927
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008209.D
 Acq: 09 Oct 2018 19:37

Tgt Ion: 75 Resp: 547
 Ion Ratio Lower Upper
 75 100
 77 33.1 23.4 43.6





#48

2-Hexanone

Concen: 2.204 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008209.D

Acq: 09 Oct 2018 19:37

Instrument :

MSVOA_V

ClientSampleId :

BEYM8

Tot Ion: 43 Resp: 5135

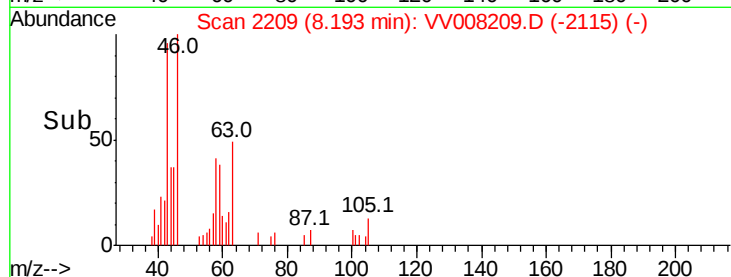
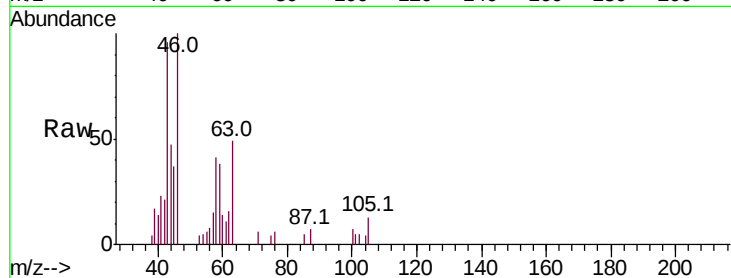
Ion Ratio Lower Upper

43 100

58 43.3 40.5 60.7

57 4.2 14.6 22.0#

100 4.3 9.3 13.9#



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

