

Data File : VV008180.D
Acq On : 09 Oct 2018 03:57
Operator : SY/MD
Sample : J5280-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYK1

Quant Time: Oct 09 06:43:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	78845	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34416	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23948	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.59	69	20430	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.14	63	35871	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.96	46	60460	51.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	4.41	84	50303	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.09	65	25130	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	98189	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.13	67	30962	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	85292	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	9674	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	37072	42.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20852	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	33777	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

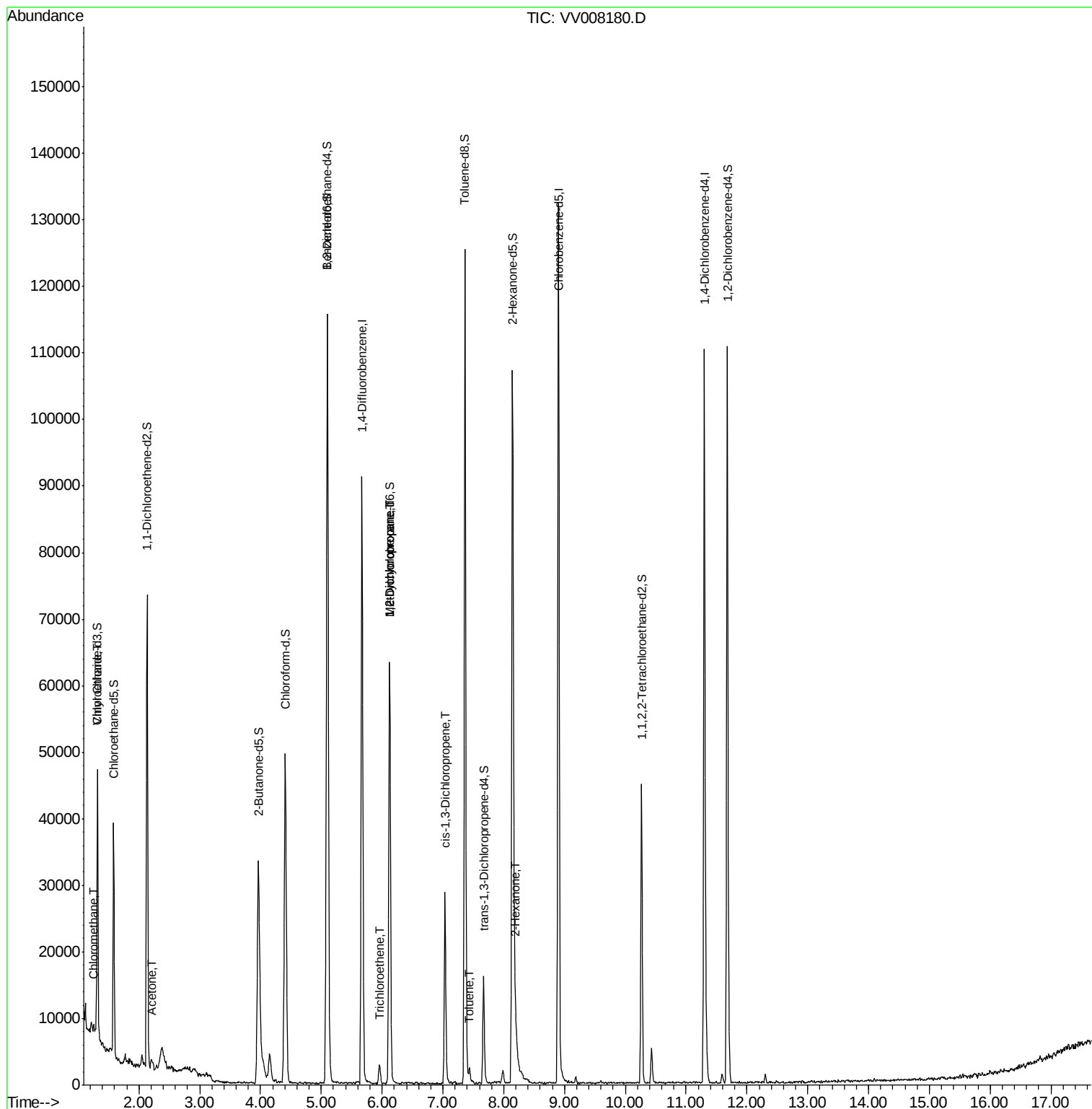
						Qvalue
3) Chloromethane	1.25	50	769	0.171	ug/L	92
8) Chloroethane	1.32	64	370	0.110	ug/L #	1
13) Acetone	2.22	43	2100	2.662	ug/L	78
34) Trichloroethene	5.96	95	584	0.103	ug/L	74
35) Methylcyclohexane	6.12	83	7563	0.951	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3478	0.661	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	702	0.104	ug/L	83
42) Toluene	7.44	91	1624	0.078	ug/L	100
48) 2-Hexanone	8.20	43	4929	2.433	ug/L #	71

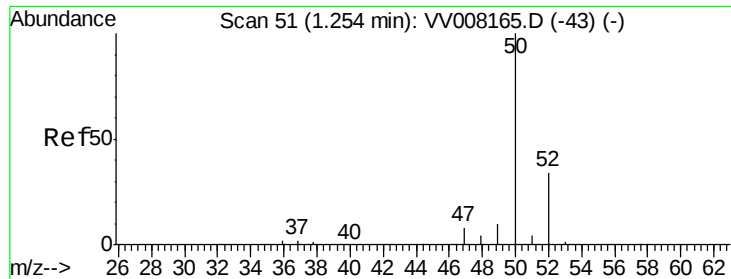
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.171 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008180.D

Acq: 09 Oct 2018 03:57

Instrument :

MSVOA_V

ClientSampleId :

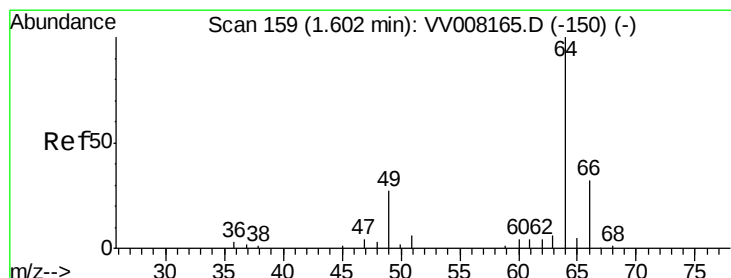
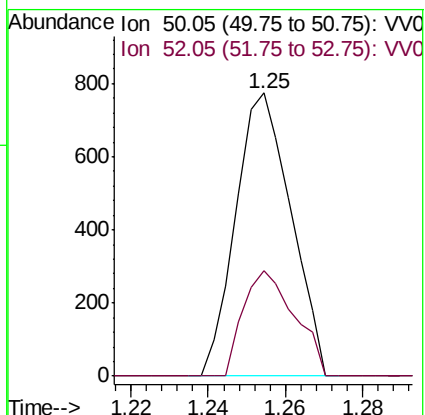
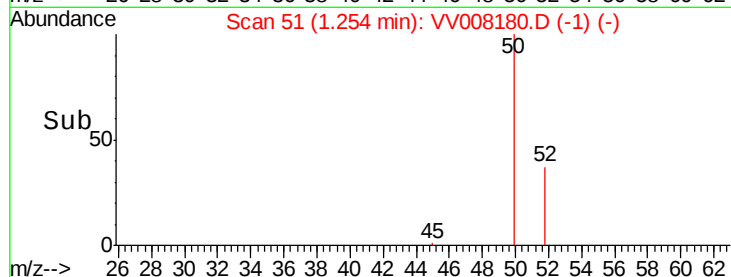
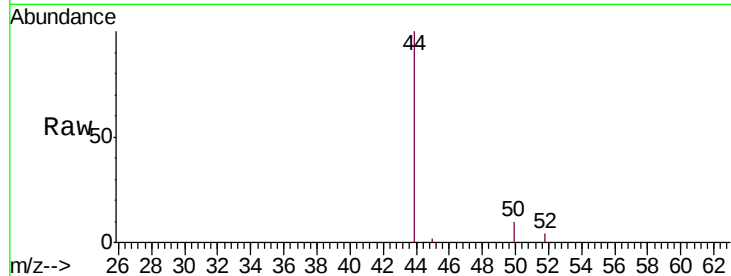
BEYK1

Tgt Ion: 50 Resp: 769

Ion Ratio Lower Upper

50 100

52 37.3 22.9 42.5



#8

Chloroethane

Concen: 0.110 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV008180.D

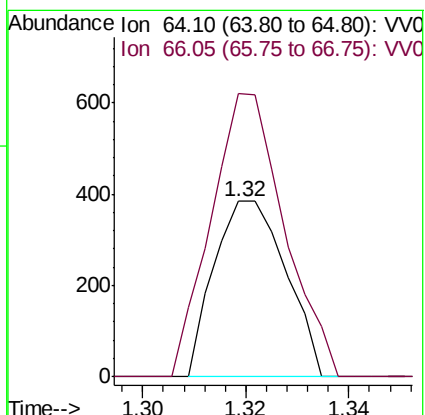
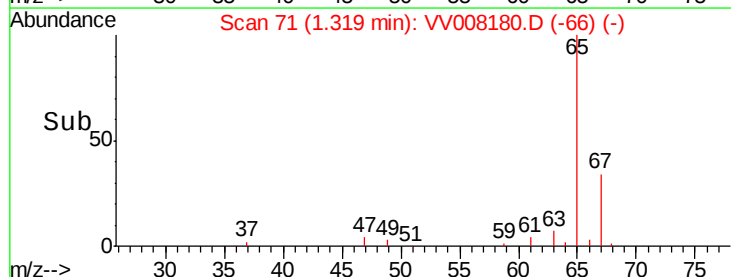
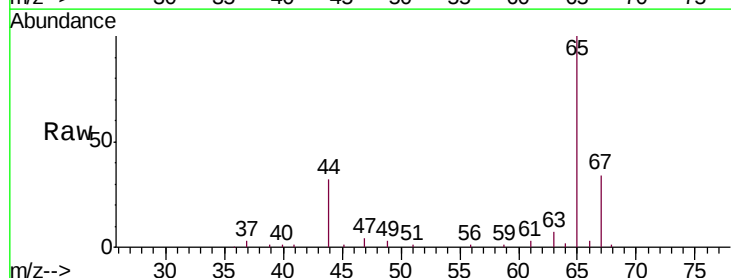
Acq: 09 Oct 2018 03:57

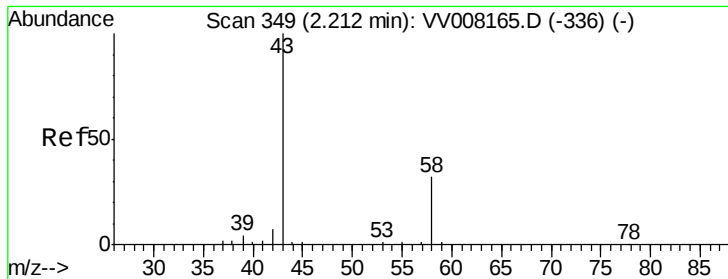
Tgt Ion: 64 Resp: 370

Ion Ratio Lower Upper

64 100

66 161.5 24.1 44.8#





#13

Acetone

Concen: 2.662 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV008180.D

Acq: 09 Oct 2018 03:57

Instrument :

MSVOA_V

ClientSampleId :

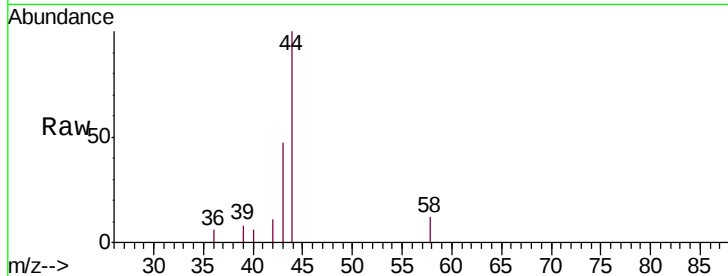
BEYK1

Tgt Ion: 43 Resp: 2100

Ion Ratio Lower Upper

43 100

58 19.1 0.0 62.2

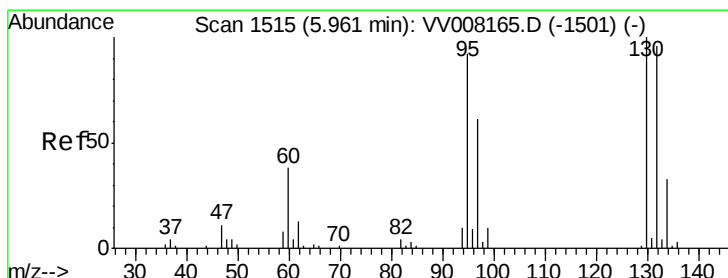
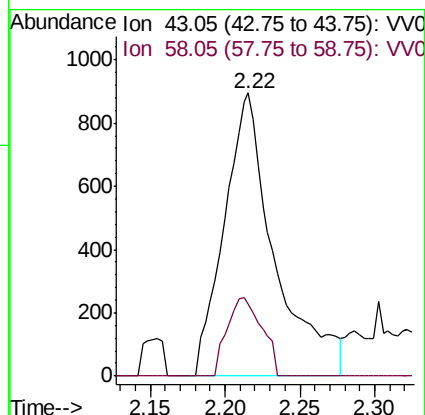
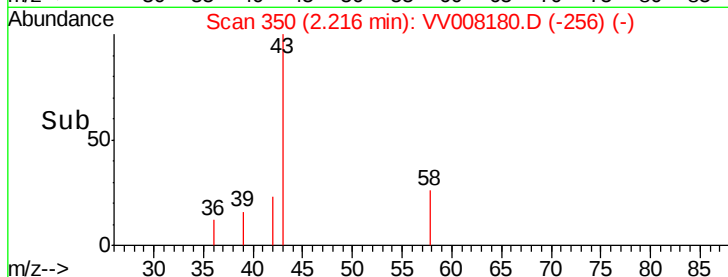


Abundance Ion 43.05 (42.75 to 43.75): VV008180.D (-256) (-)

Ion 58.05 (57.75 to 58.75): VV008180.D (-256) (-)

2.22

Time-->



#34

Trichloroethene

Concen: 0.103 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV008180.D

Acq: 09 Oct 2018 03:57

Tgt Ion: 95 Resp: 584

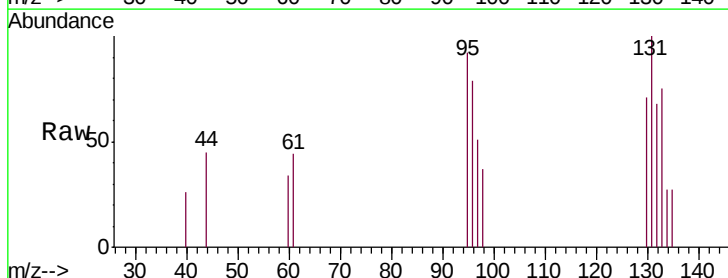
Ion Ratio Lower Upper

95 100

97 55.3 44.9 83.5

132 73.8 73.6 136.6

130 77.1 76.2 141.6



Abundance Ion 95.00 (94.70 to 95.70): VV008180.D (-1422) (-)

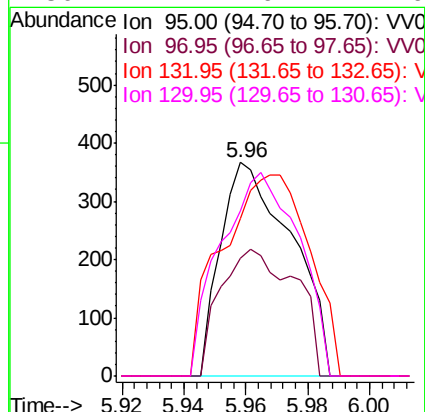
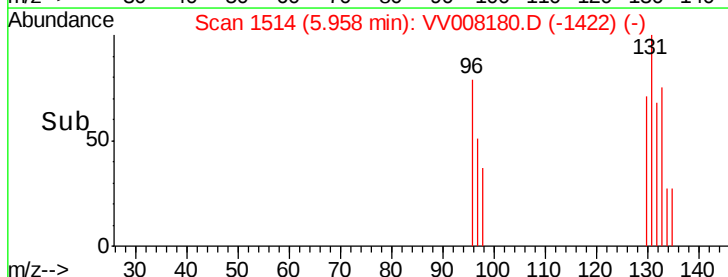
Ion 96.95 (96.65 to 97.65): VV008180.D (-1422) (-)

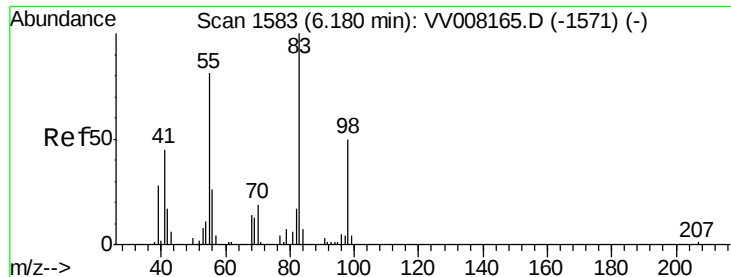
Ion 131.95 (131.65 to 132.65): VV008180.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008180.D (-1422) (-)

5.96

Time-->

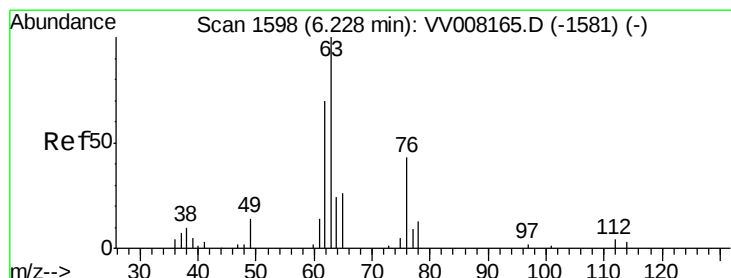
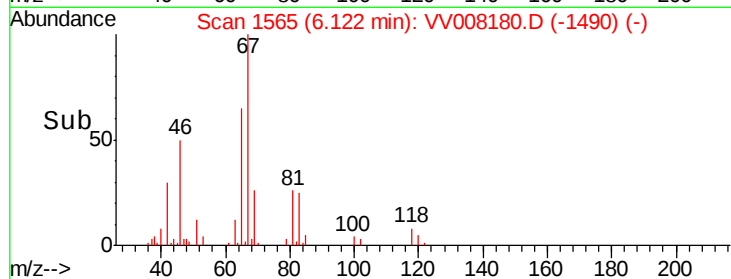
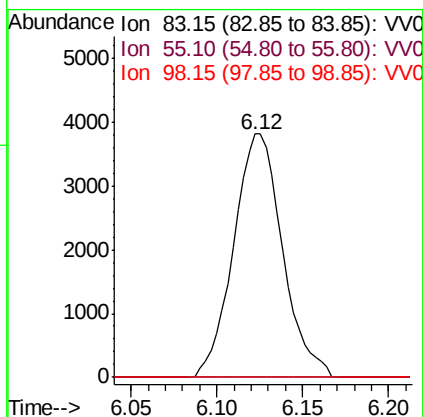
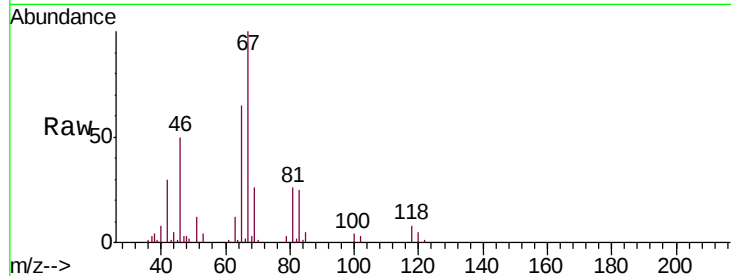




#35
Methylcyclohexane
Concen: 0.951 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008180.D
Acq: 09 Oct 2018 03:57

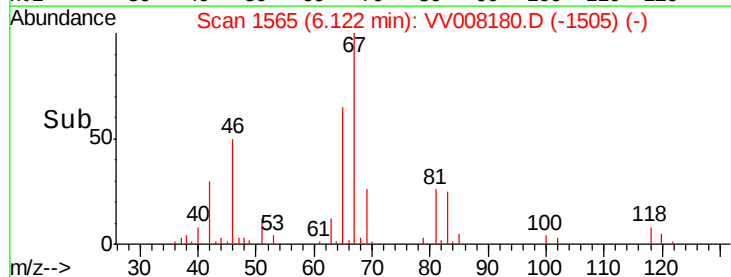
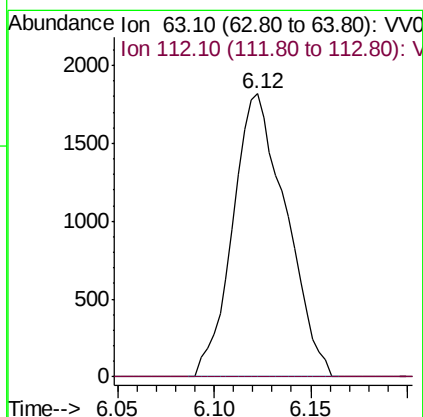
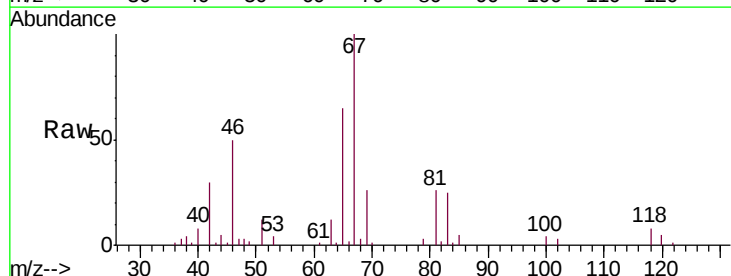
Instrument :
MSVOA_V
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BEYK1

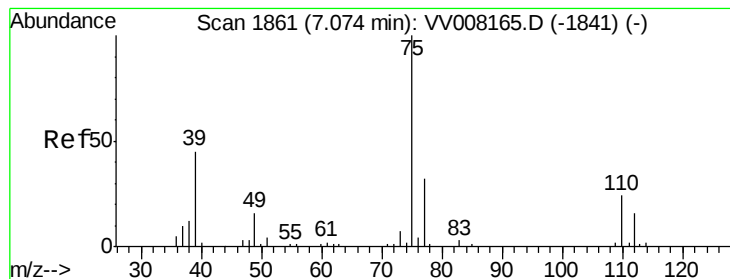
Tgt Ion: 83 Resp: 7563
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 2.4 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV008180.D
Acq: 09 Oct 2018 03:57

Tgt Ion: 63 Resp: 3478
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



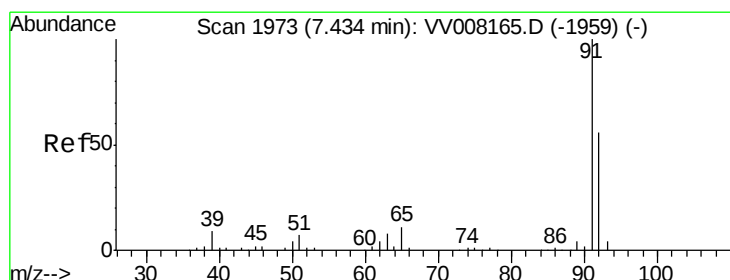
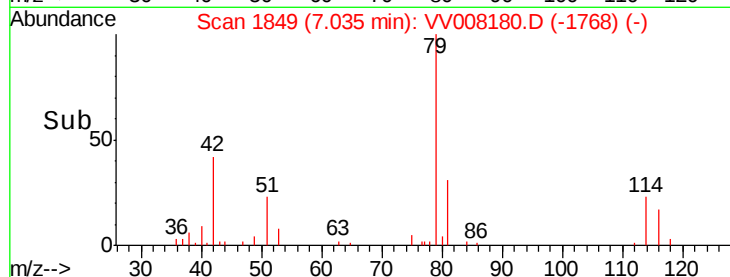
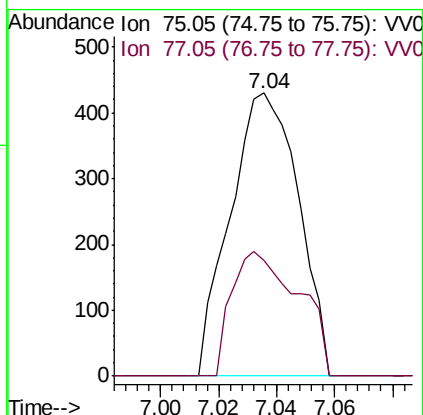
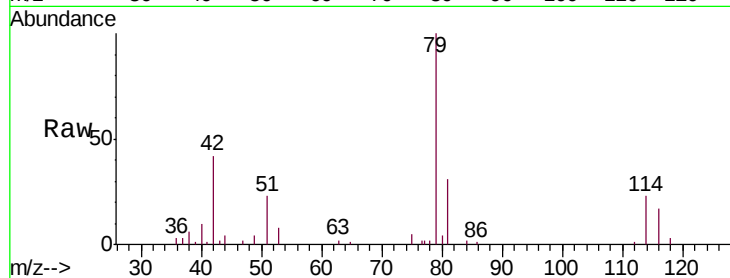


#39

cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008180.D
 Acq: 09 Oct 2018 03:57

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYK1

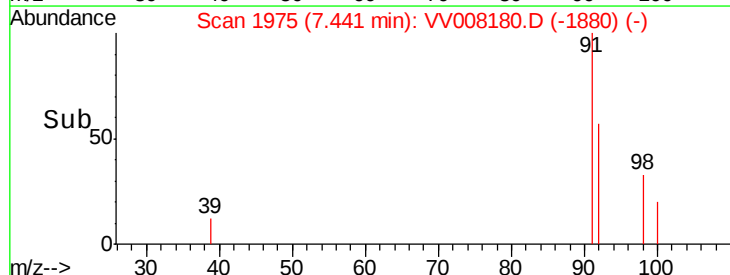
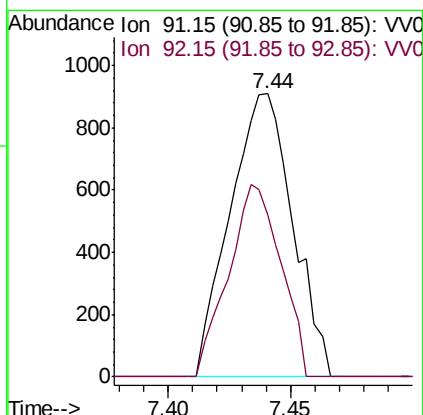
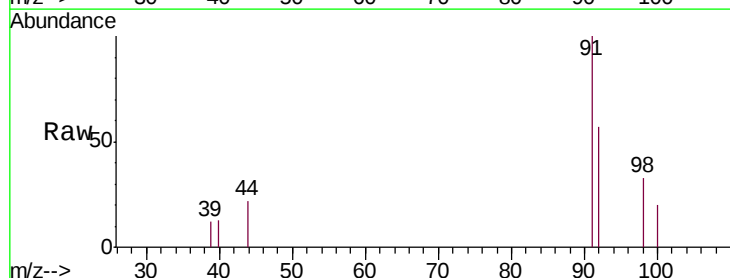
Tgt Ion: 75 Resp: 702
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.1 41.1

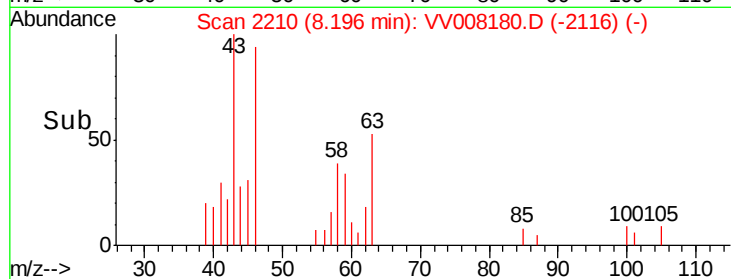
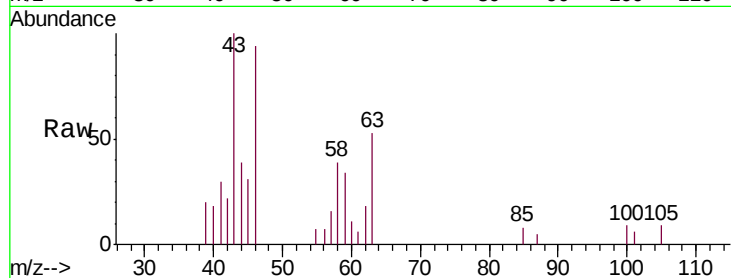
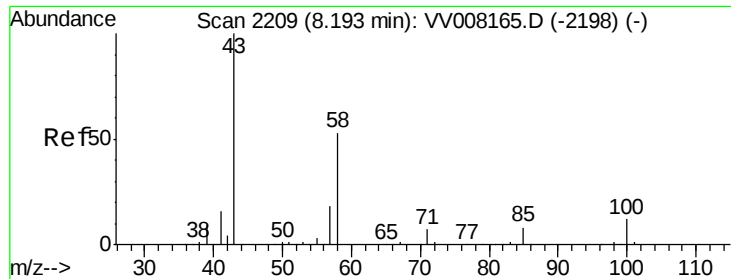


#42

Toluene
 Concen: 0.078 ug/L
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.01 min
 Lab File: VV008180.D
 Acq: 09 Oct 2018 03:57

Tgt Ion: 91 Resp: 1624
 Ion Ratio Lower Upper
 91 100
 92 57.3 39.9 74.1





#48

2-Hexanone

Concen: 2.433 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008180.D

Acq: 09 Oct 2018 03:57

Instrument :
MSVOA_V
ClientSampleId :
BEYK1

Tgt Ion: 43 Resp: 4929

Ion Ratio Lower Upper

43 100

58 31.9 40.5 60.7#

57 0.0 14.6 22.0#

100 4.8 9.3 13.9#

