

Data File : VV008129.D
Acq On : 06 Oct 2018 05:33
Operator : SY/MD
Sample : J5277-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYC3

Quant Time: Oct 06 06:46:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 04:00:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93167	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90043	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26209	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.59	69	23331	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	39161	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.96	46	73429	53.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	4.41	84	58497	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.09	65	30258	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	110559	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	35624	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	95932	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.67	79	10992	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	47299	46.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24393	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39921	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

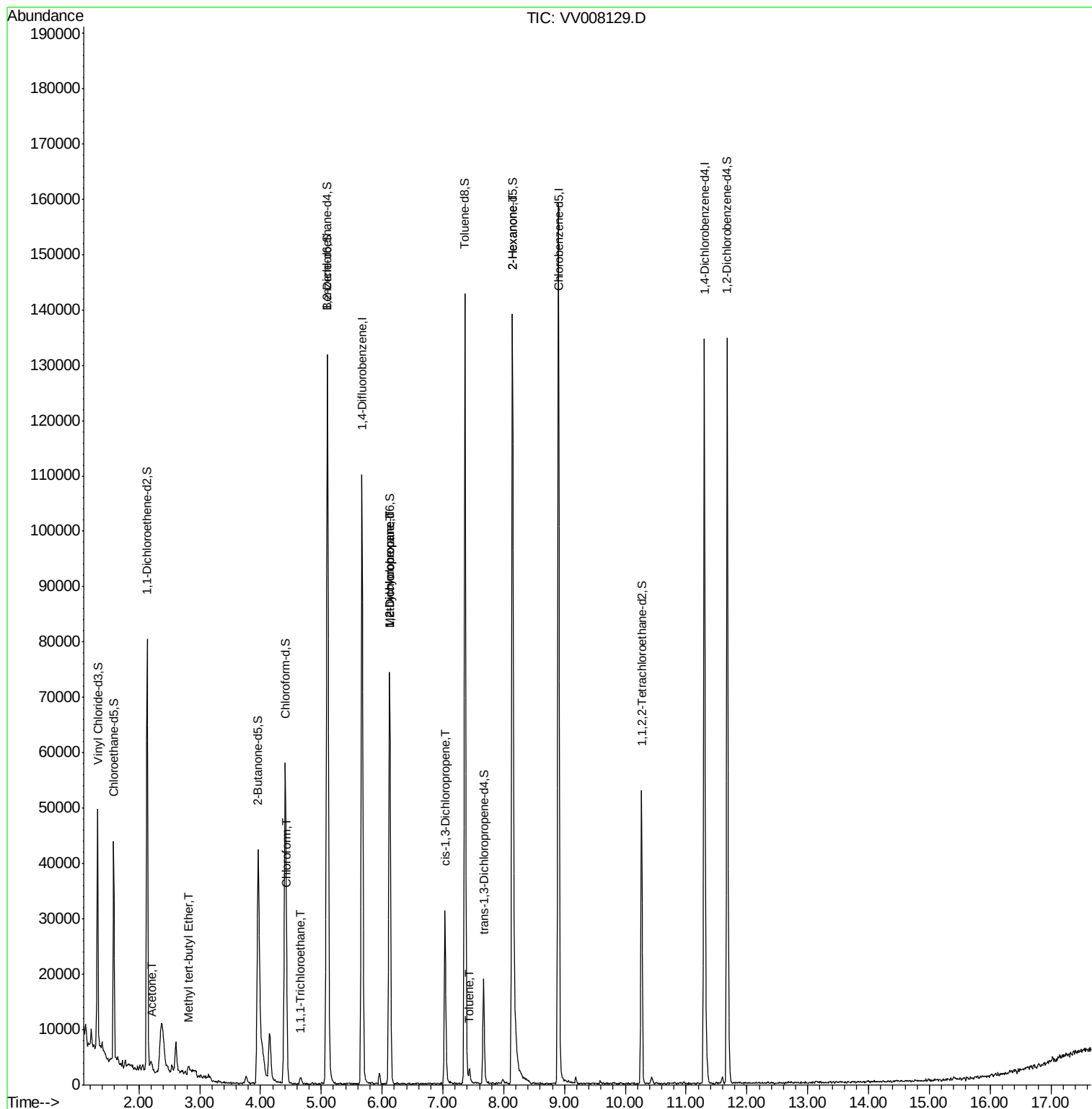
					Qvalue
13) Acetone	2.21	43	1866	2.002	ug/L 82
17) Methyl tert-butyl Ether	2.81	73	1192	0.094	ug/L # 67
25) Chloroform	4.44	83	1601	0.142	ug/L 97
29) 1,1,1-Trichloroethane	4.66	97	1121	0.112	ug/L 94
35) Methylcyclohexane	6.13	83	8378	0.905	ug/L # 17
37) 1,2-Dichloropropane	6.13	63	3709	0.605	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	776	0.099	ug/L # 42
42) Toluene	7.43	91	2024	0.084	ug/L 93
48) 2-Hexanone	8.14	43	6732	2.854	ug/L # 71

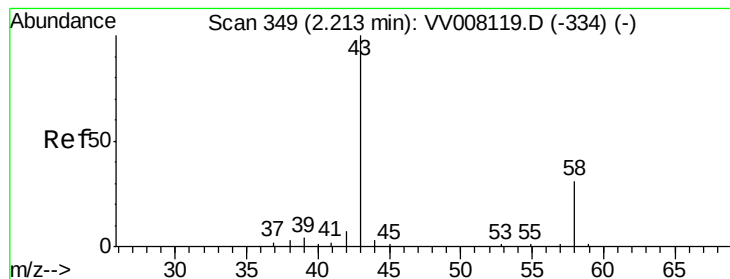
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 04:00:29 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.002 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV008129.D

Acq: 06 Oct 2018 05:33

Instrument :

MSVOA_V

ClientSampled :

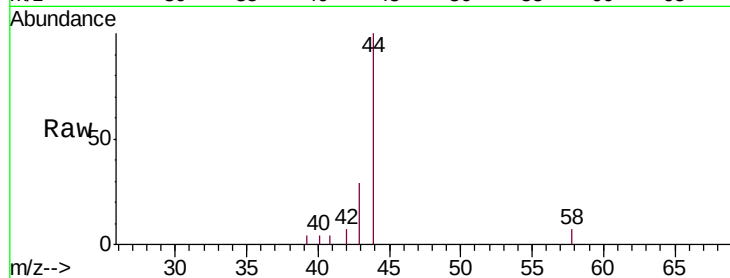
BEYC3

Tgt Ion: 43 Resp: 1866

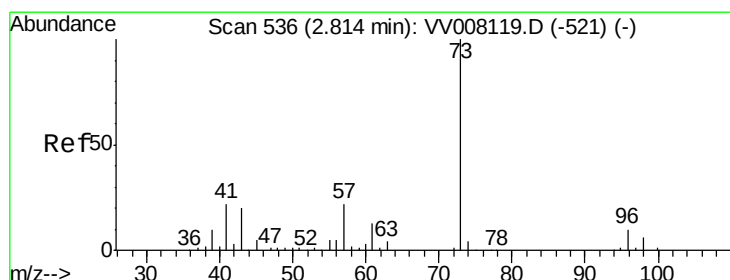
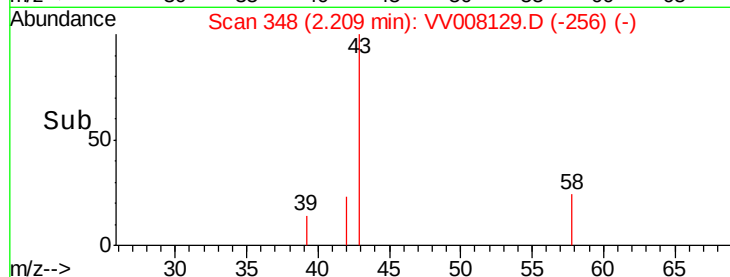
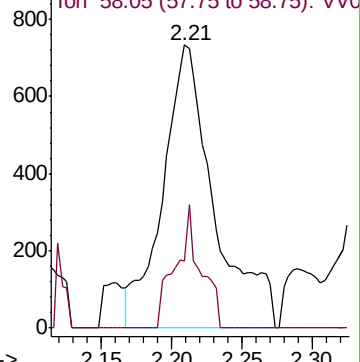
Ion Ratio Lower Upper

43 100

58 21.2 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008119.D (-334) (-)



#17

Methyl tert-butyl Ether

Concen: 0.094 ug/L

RT: 2.81 min Scan# 536

Delta R.T. -0.00 min

Lab File: VV008129.D

Acq: 06 Oct 2018 05:33

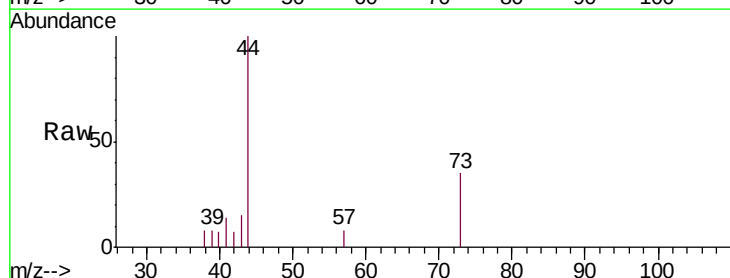
Tgt Ion: 73 Resp: 1192

Ion Ratio Lower Upper

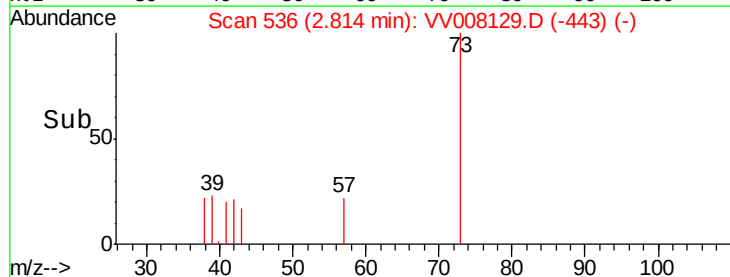
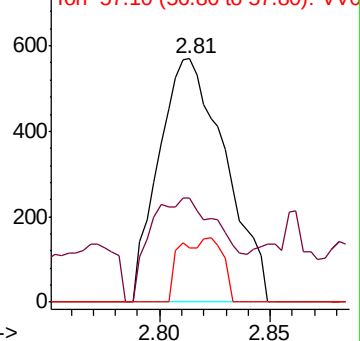
73 100

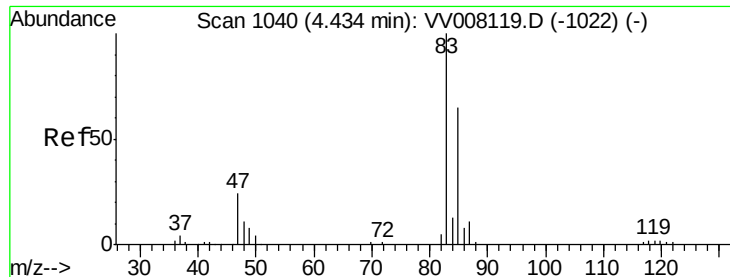
43 47.6 17.0 25.4#

57 16.9 17.3 25.9#



Abundance Ion 73.10 (72.80 to 73.80): VV008119.D (-521) (-)

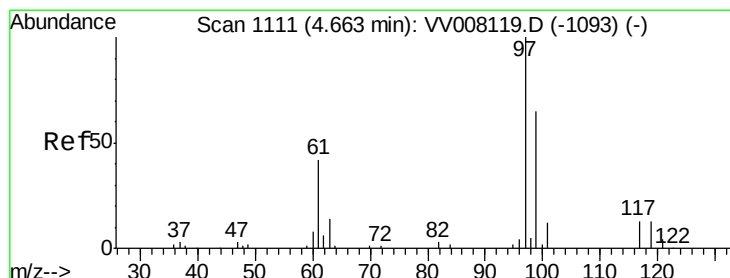
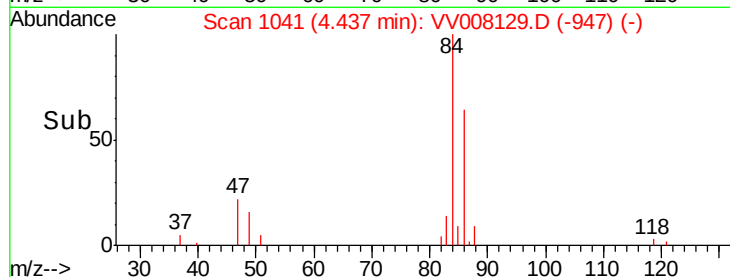
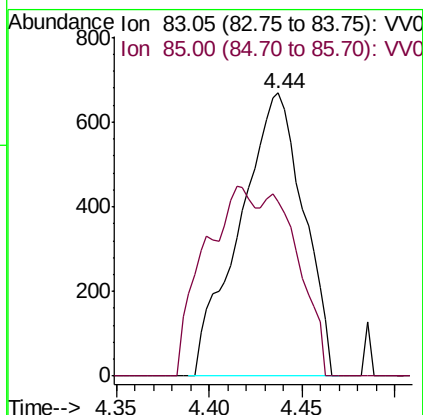
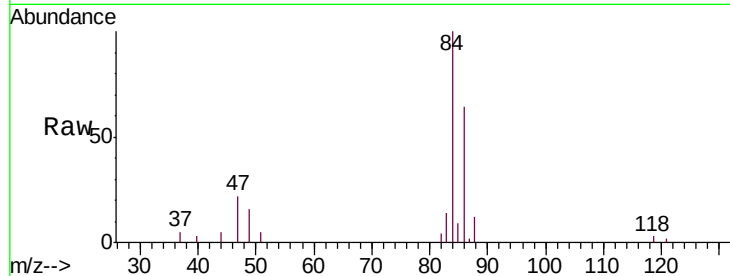




#25
Chloroform
Concen: 0.142 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008129.D
Acq: 06 Oct 2018 05:33

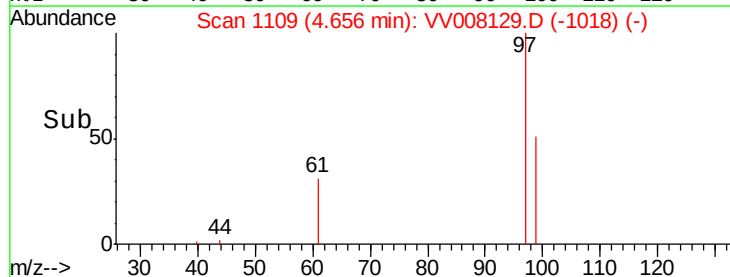
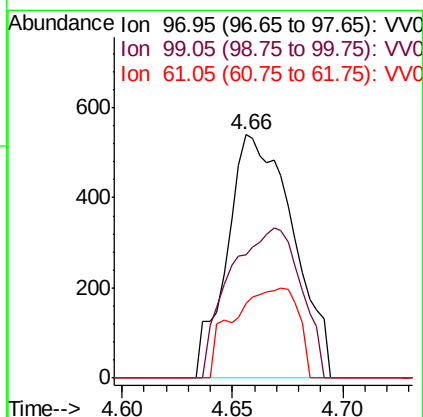
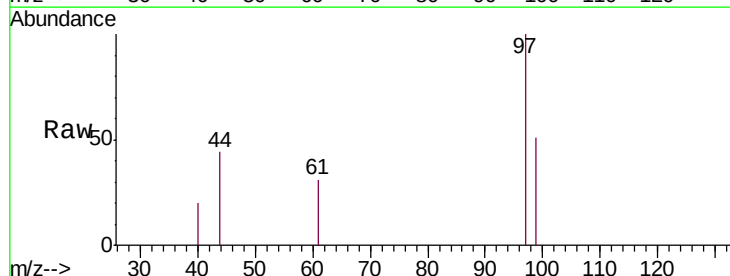
Instrument :
MSVOA_V
ClientSampled :
BEYC3

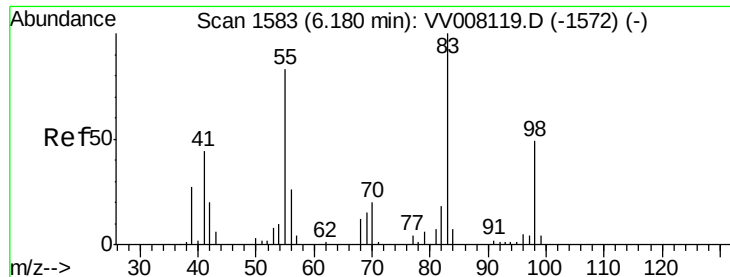
Tgt Ion: 83 Resp: 1601
Ion Ratio Lower Upper
83 100
85 61.5 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.112 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VV008129.D
Acq: 06 Oct 2018 05:33

Tgt Ion: 97 Resp: 1121
Ion Ratio Lower Upper
97 100
99 66.4 51.0 76.4
61 36.3 34.0 51.0

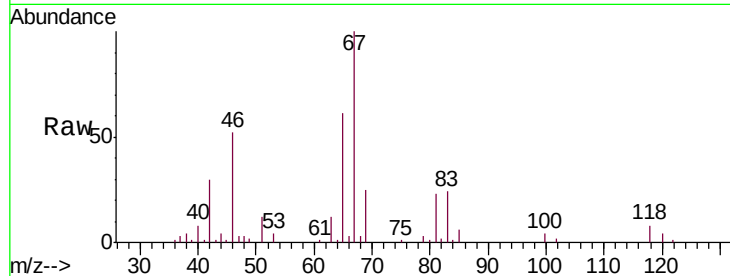




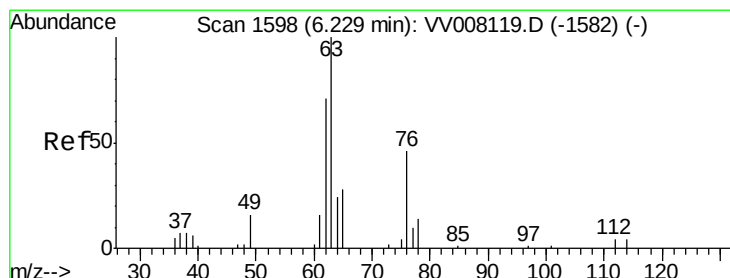
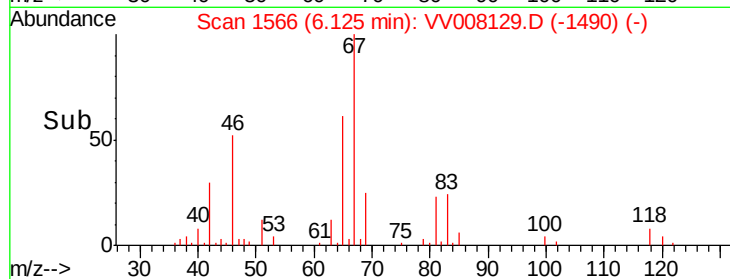
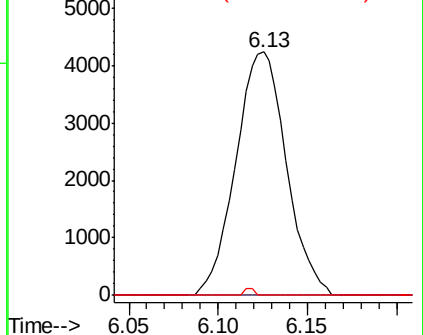
#35
Methylcyclohexane
Concen: 0.905 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008129.D
Acq: 06 Oct 2018 05:33

Instrument :
MSVOA_V
ClientSampled :
BEYC3

Tgt Ion: 83 Resp: 8378
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.5 38.3 57.5#

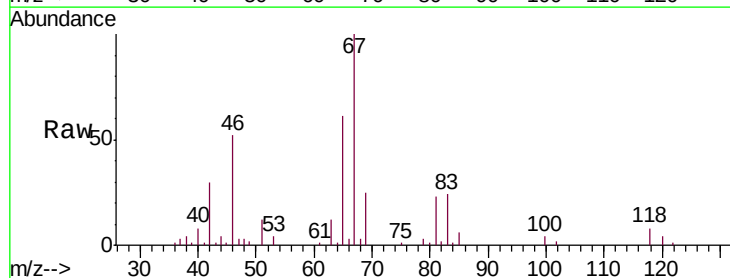


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

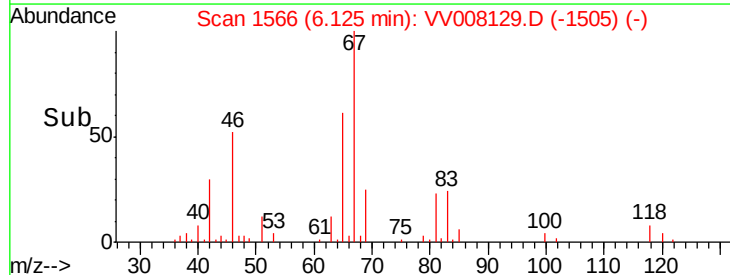
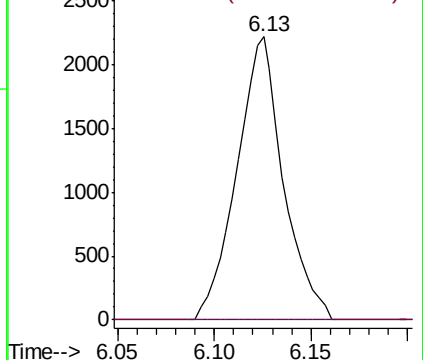


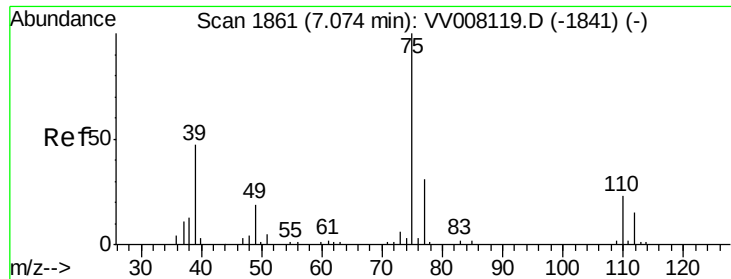
#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008129.D
Acq: 06 Oct 2018 05:33

Tgt Ion: 63 Resp: 3709
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

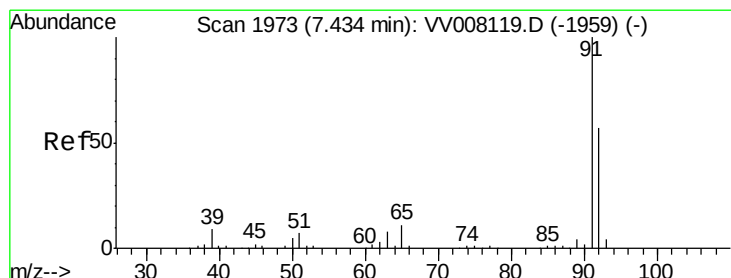
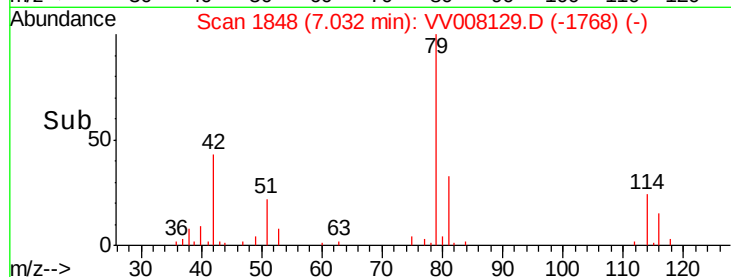
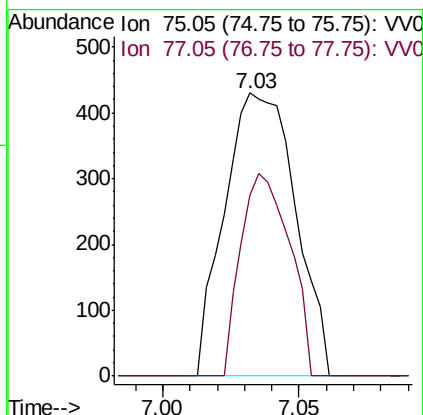
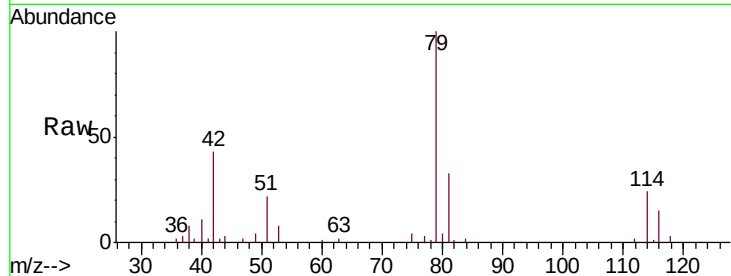




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008129.D
 Acq: 06 Oct 2018 05:33

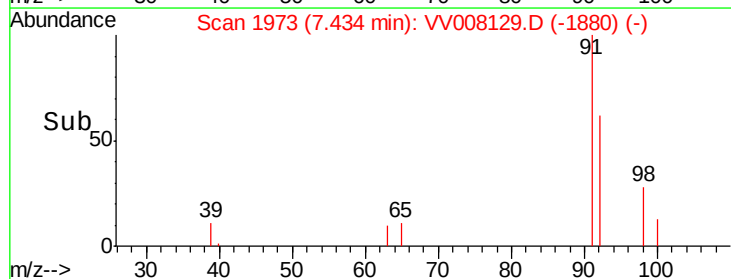
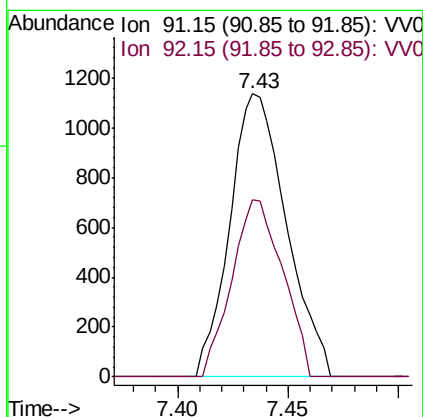
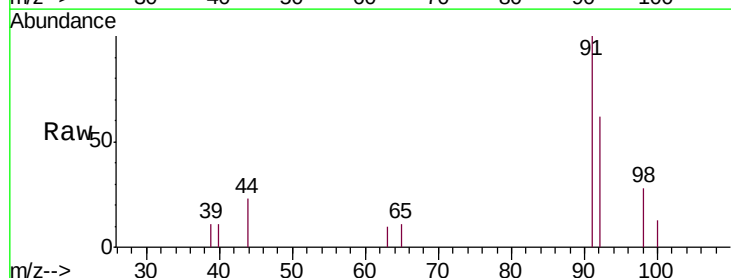
Instrument :
 MSVOA_V
 ClientSampleId :
 BEYC3

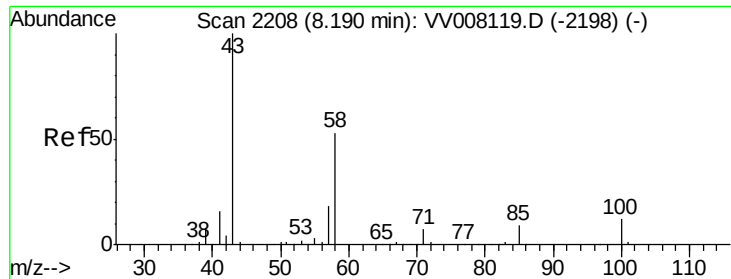
Tgt Ion: 75 Resp: 776
 Ion Ratio Lower Upper
 75 100
 77 64.0 22.1 41.1#



#42
 Toluene
 Concen: 0.084 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VV008129.D
 Acq: 06 Oct 2018 05:33

Tgt Ion: 91 Resp: 2024
 Ion Ratio Lower Upper
 91 100
 92 62.5 39.9 74.1





#48
 2-Hexanone
 Concen: 2.854 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV008129.D
 Acq: 06 Oct 2018 05:33

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYC3

Tgt Ion:	43	Resp:	6732
Ion	Ratio	Lower	Upper
43	100		
58	33.6	40.5	60.7#
57	37.0	14.6	22.0#
100	1.8	9.3	13.9#

