

Data File : VV011369.D
Acq On : 11 Jun 2019 02:14
Operator : SY/MD
Sample : K3226-19
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCS4

Quant Time: Jun 11 04:07:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 04:02:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144509	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37357	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.56	69	36028	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.12	63	62862	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	3.95	46	124334	50.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	4.40	84	85705	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	49395	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.09	84	167061	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.12	67	51880	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.36	98	140228	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.66	79	14052	3.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.00%
46) 2-Hexanone-d5	8.13	63	87560	44.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36219	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	45417	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

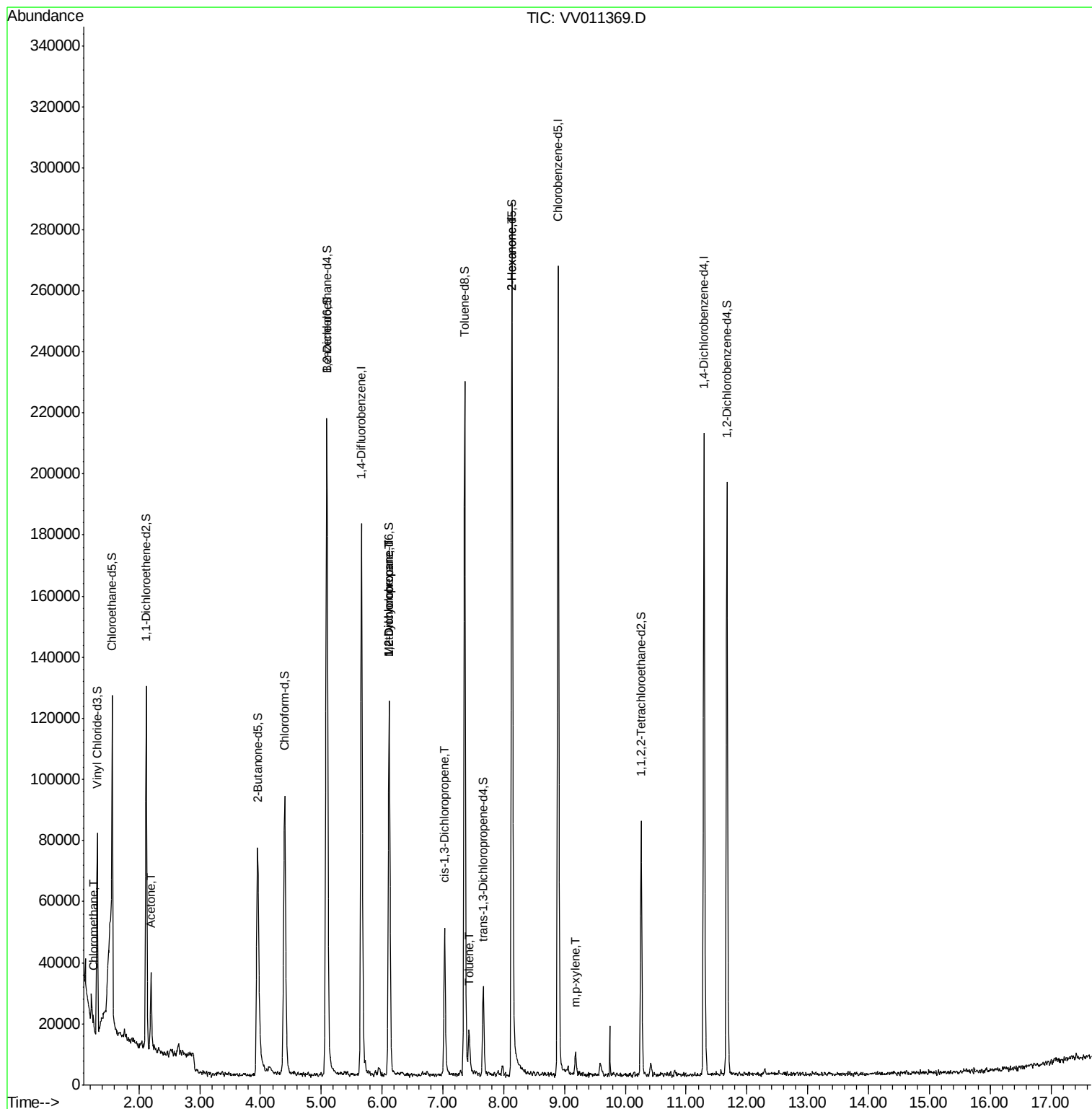
						Qvalue
3) Chloromethane	1.25	50	2431	0.176	ug/L	91
13) Acetone	2.20	43	3043	1.841	ug/L	97
35) Methylcyclohexane	6.12	83	12541	0.703	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6677	0.642	ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	1643	0.108	ug/L #	38
42) Toluene	7.43	91	8946	0.201	ug/L	100
48) 2-Hexanone	8.13	43	12500	2.706	ug/L #	74
53) m,p-xylene	9.18	106	1653	0.090	ug/L	88

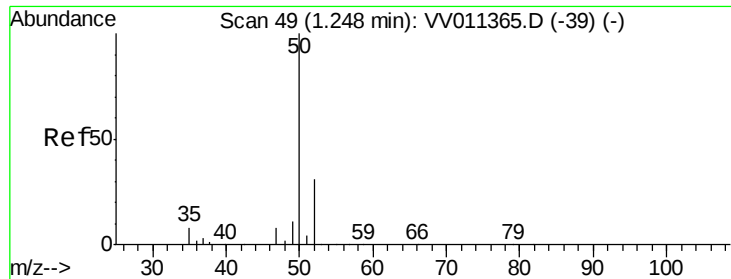
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.176 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 11 Jun 2019 02:14

Instrument :

MSVOA_V

ClientSampleId :

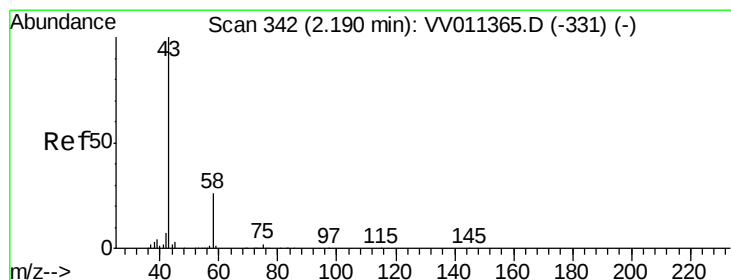
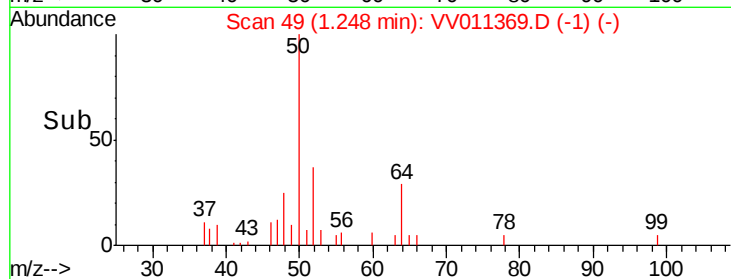
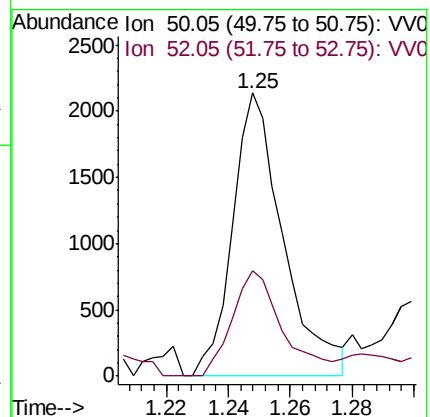
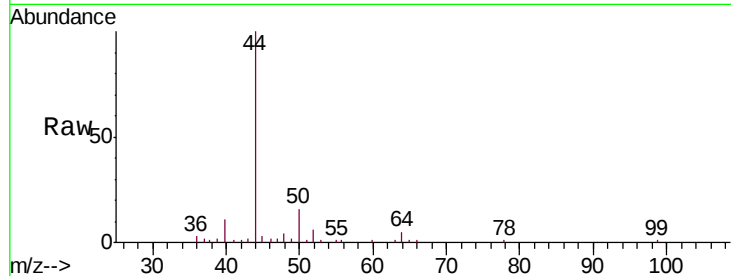
BFCS4

Tgt Ion: 50 Resp: 2431

Ion Ratio Lower Upper

50 100

52 37.1 22.3 41.5



#13

Acetone

Concen: 1.841 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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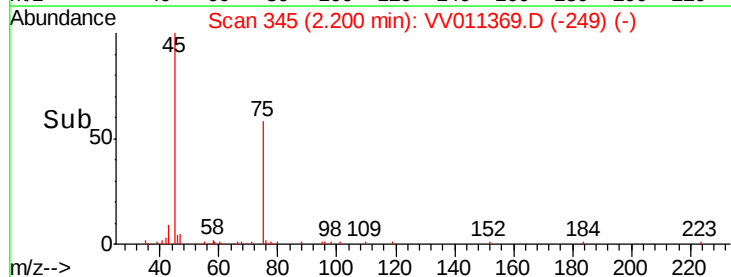
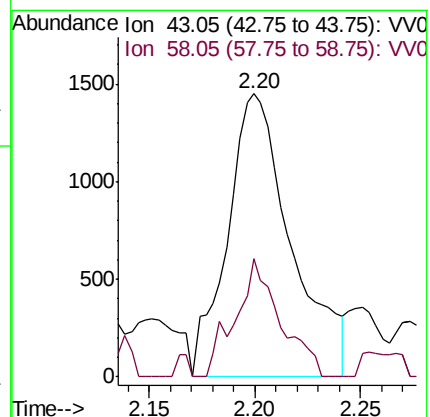
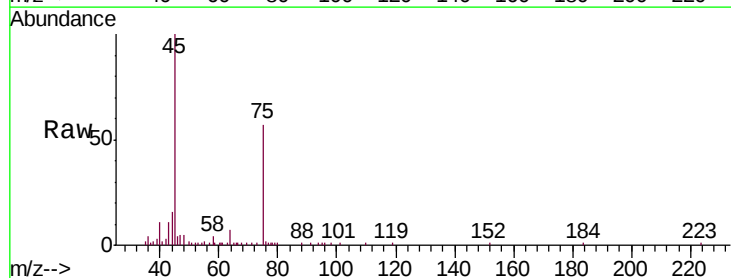
Acq: 11 Jun 2019 02:14

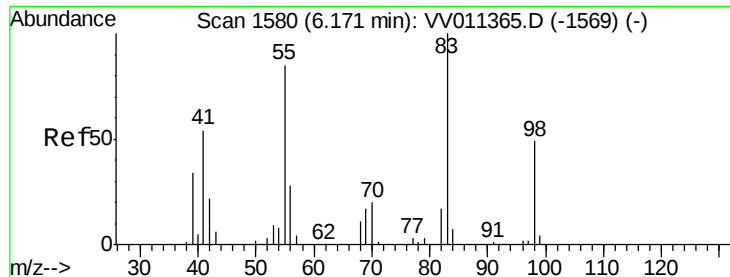
Tgt Ion: 43 Resp: 3043

Ion Ratio Lower Upper

43 100

58 29.4 0.0 55.2

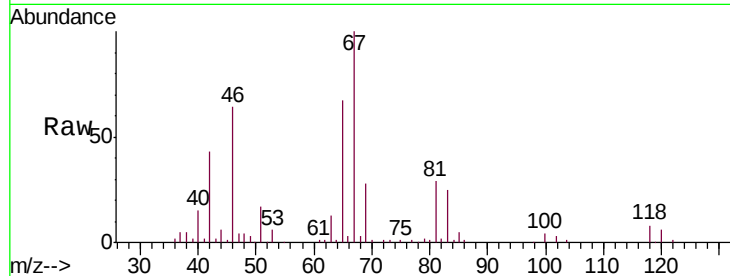




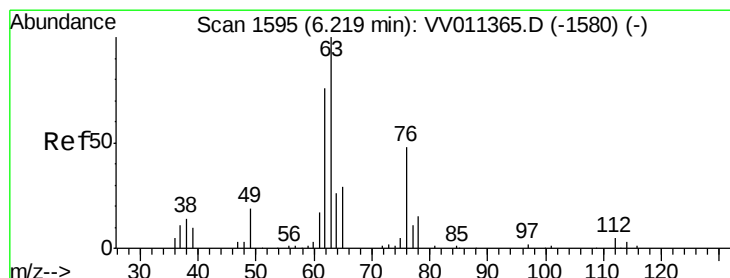
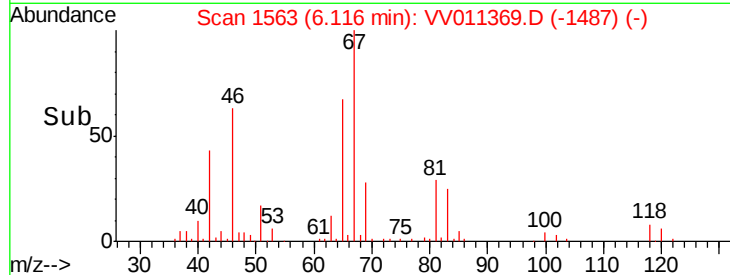
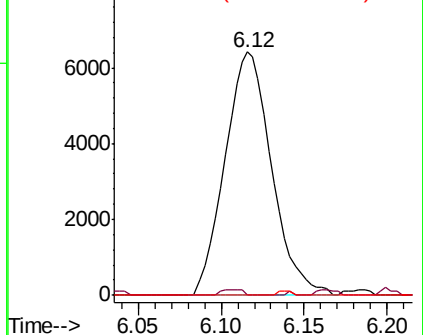
#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011369.D
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Instrument :
MSVOA_V
ClientSampleId :
BFCS4

Tgt Ion: 83 Resp: 12541
Ion Ratio Lower Upper
83 100
55 1.1 67.0 100.6#
98 0.0 40.0 60.0#

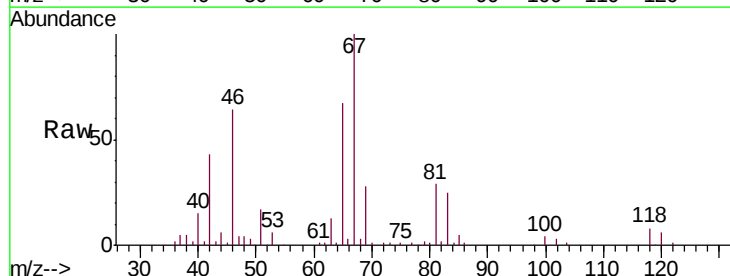


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

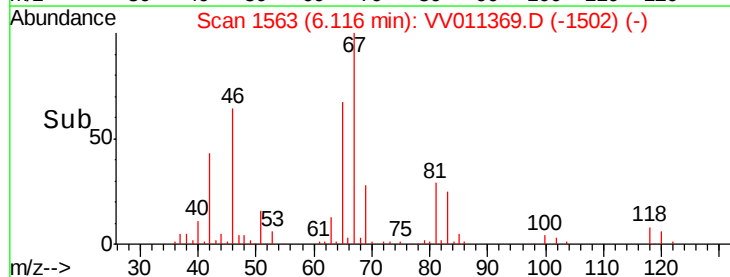
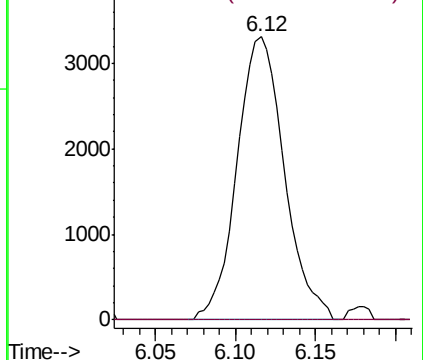


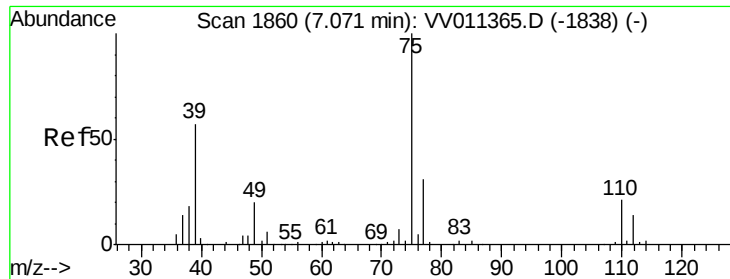
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011369.D
Acq: 11 Jun 2019 02:14

Tgt Ion: 63 Resp: 6677
Ion Ratio Lower Upper
63 100
112 0.6 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

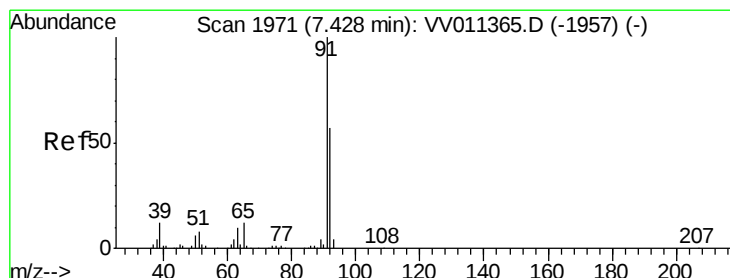
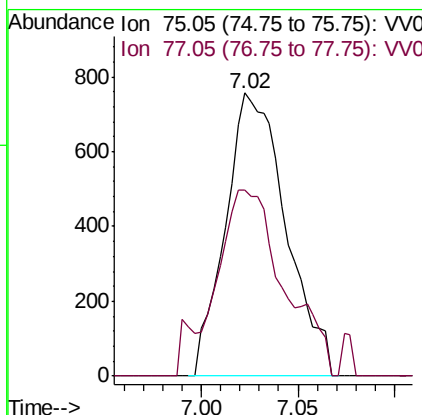
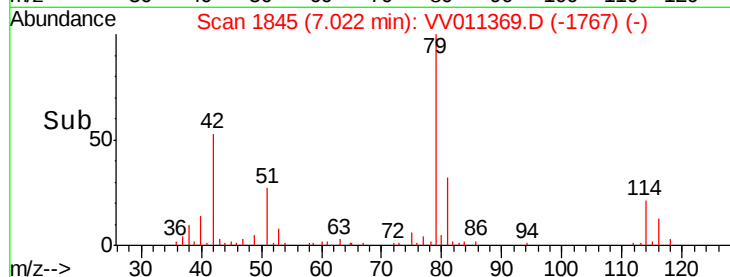
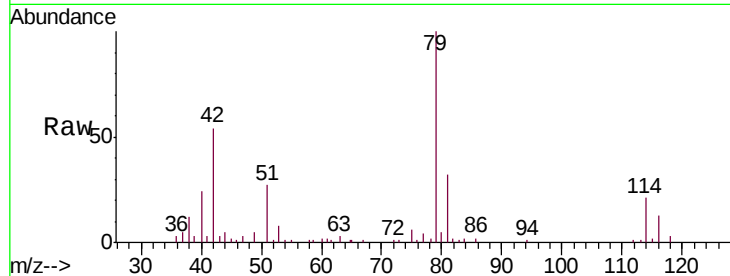




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV011369.D
 Acq: 11 Jun 2019 02:14

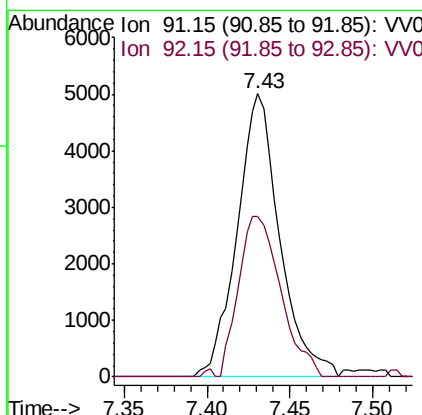
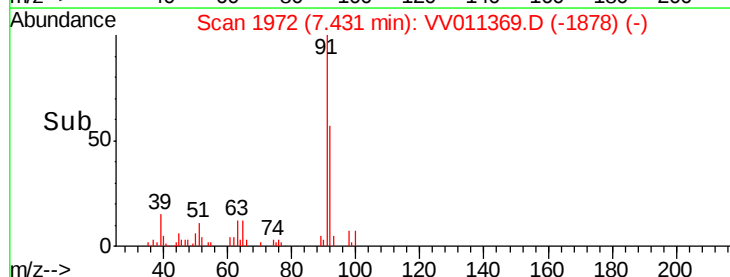
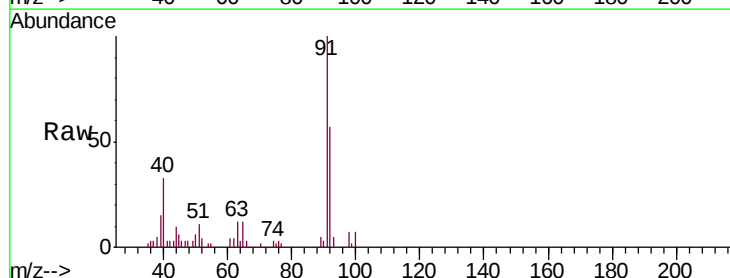
Instrument :
 MSVOA_V
 ClientSampleId :
 BFC4

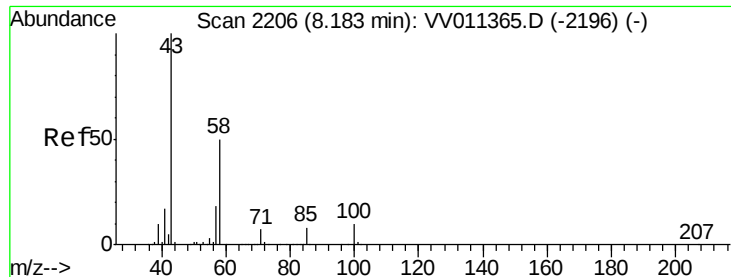
Tgt Ion: 75 Resp: 1643
 Ion Ratio Lower Upper
 75 100
 77 65.9 22.2 41.2#



#42
 Toluene
 Concen: 0.201 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011369.D
 Acq: 11 Jun 2019 02:14

Tgt Ion: 91 Resp: 8946
 Ion Ratio Lower Upper
 91 100
 92 56.9 39.9 74.1

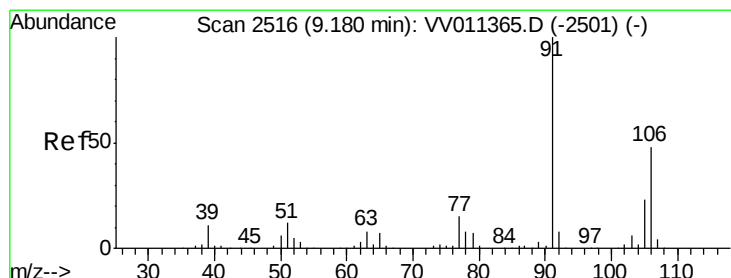
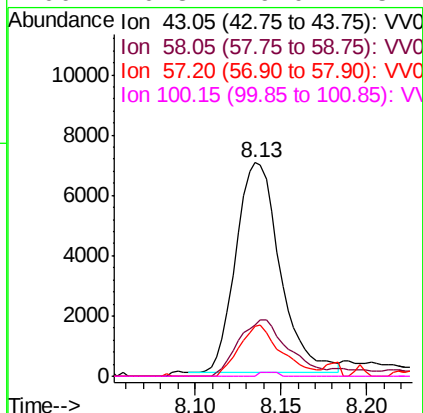
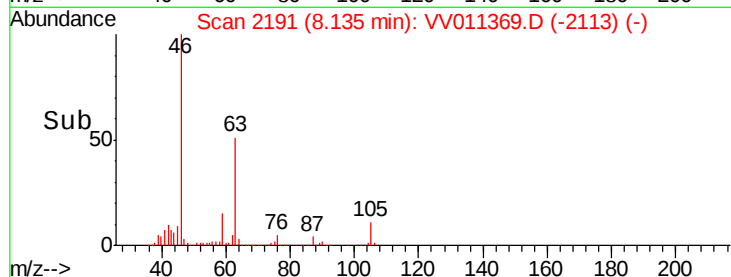
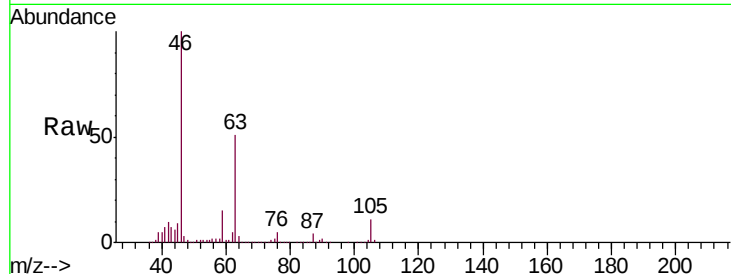




#48
2-Hexanone
Concen: 2.706 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011369.D
Acq: 11 Jun 2019 02:14

Instrument :
MSVOA_V
ClientSampleId :
BFCS4

Tgt Ion: 43 Resp: 12500
Ion Ratio Lower Upper
43 100
58 30.1 41.4 62.0#
57 23.1 15.0 22.4#
100 0.8 9.0 13.4#



#53
m,p-xylene
Concen: 0.090 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV011369.D
Acq: 11 Jun 2019 02:14

Tgt Ion: 106 Resp: 1653
Ion Ratio Lower Upper
106 100
91 189.7 145.5 270.3

