

Data File : VV011378.D
Acq On : 11 Jun 2019 06:28
Operator : SY/MD
Sample : K3229-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P33

Quant Time: Jun 11 08:05:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	141271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132110	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	50988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38289	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.55	69	35046	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.12	63	62061	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.94	46	143077	59.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.74%
24) Chloroform-d	4.40	84	84169	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	50343	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.09	84	165723	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	52894	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	141839	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.66	79	14181	3.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.20%
46) 2-Hexanone-d5	8.13	63	106812	54.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41021	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	46495	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

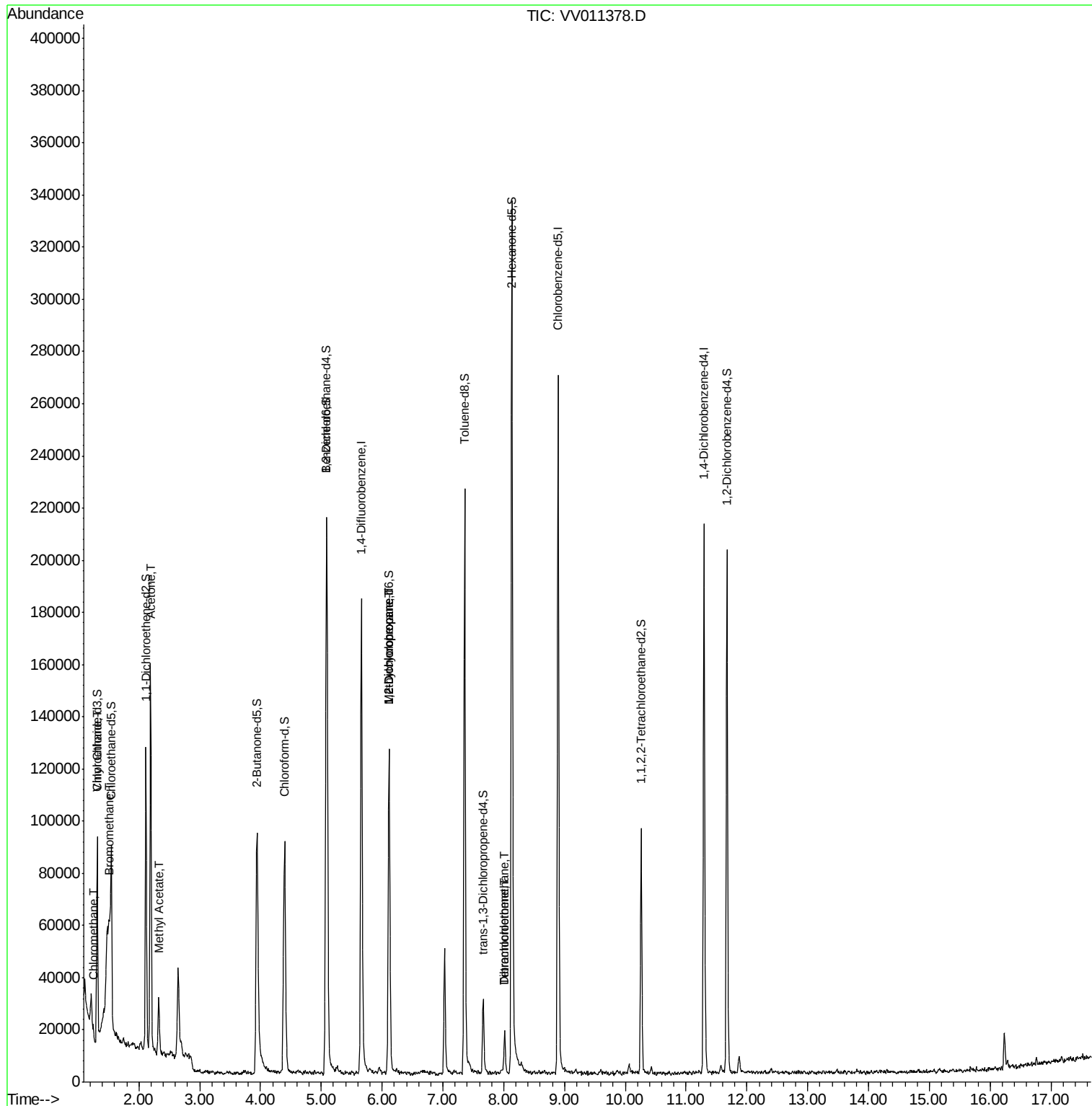
					Qvalue
3) Chloromethane	1.25	50	2741	0.203 ug/L	100
6) Bromomethane	1.51	94	1799	0.266 ug/L	98
8) Chloroethane	1.32	64	5228	0.629 ug/L	96
13) Acetone	2.19	43	125521	77.681 ug/L	100
15) Methyl Acetate	2.32	43	5480	1.277 ug/L #	57
35) Methylcyclohexane	6.11	83	12822	0.714 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6746	0.645 ug/L #	88
47) Tetrachloroethene	8.02	164	3062	0.390 ug/L	92
49) Dibromochloromethane	8.01	129	3026	0.398 ug/L #	11

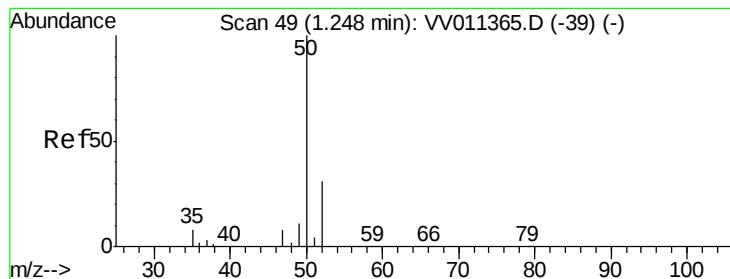
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.203 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 11 Jun 2019 06:28

Instrument :

MSVOA_V

ClientSampleId :

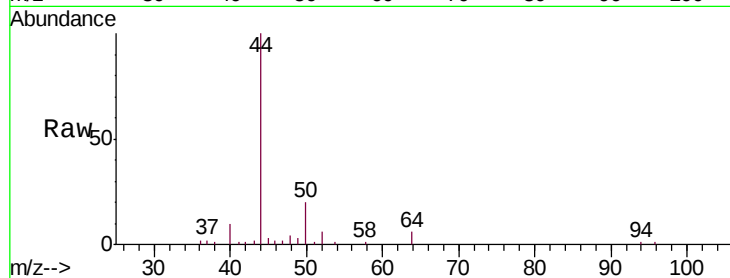
F9P33

Tgt Ion: 50 Resp: 2741

Ion Ratio Lower Upper

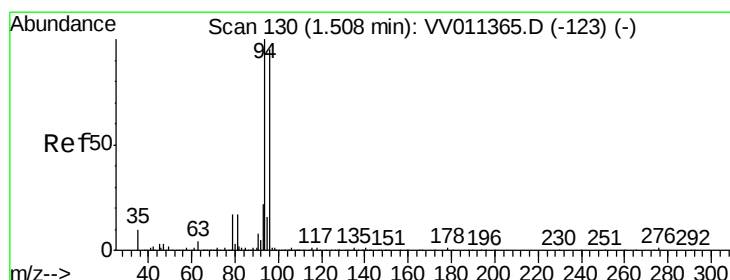
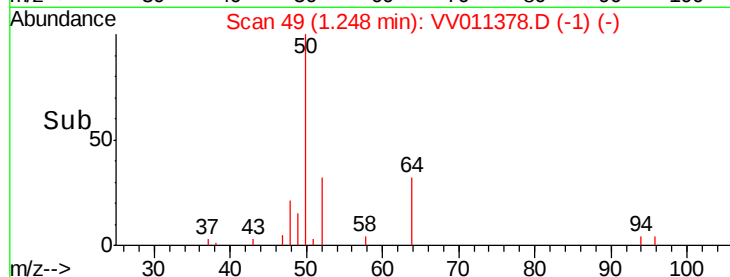
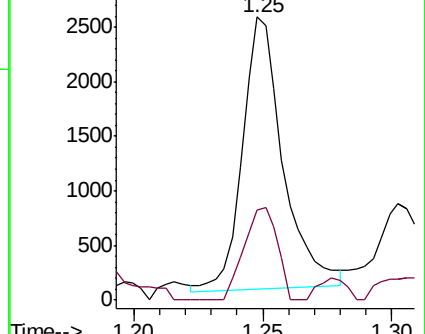
50 100

52 31.9 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.266 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.00 min

Lab File: VV011378.D

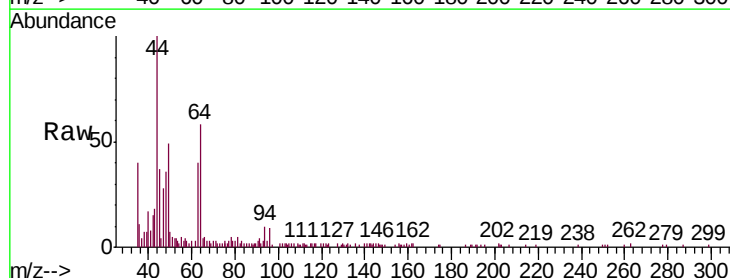
Acq: 11 Jun 2019 06:28

Tgt Ion: 94 Resp: 1799

Ion Ratio Lower Upper

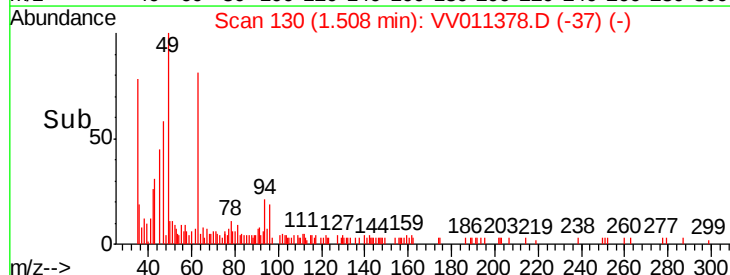
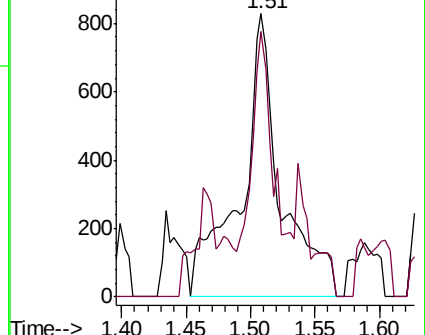
94 100

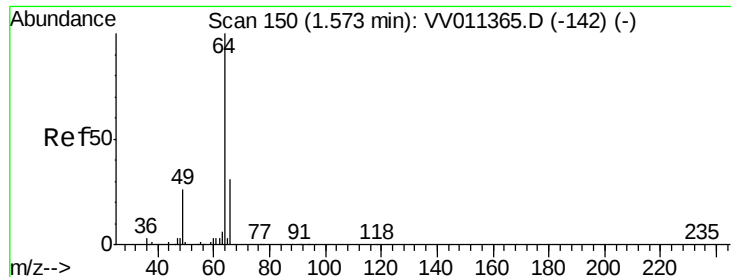
96 93.7 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.629 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.25 min

Lab File: VV011378.D

Acq: 11 Jun 2019 06:28

Instrument :

MSVOA_V

ClientSampleId :

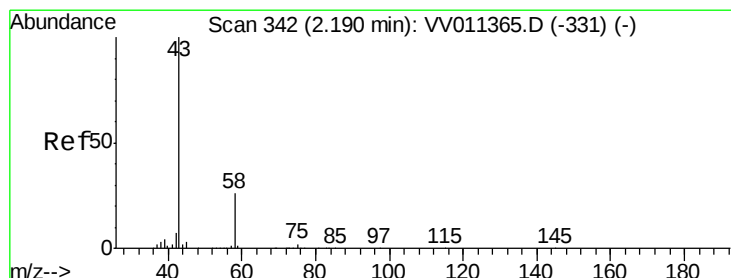
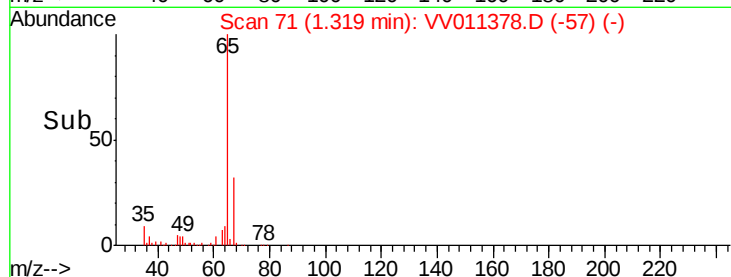
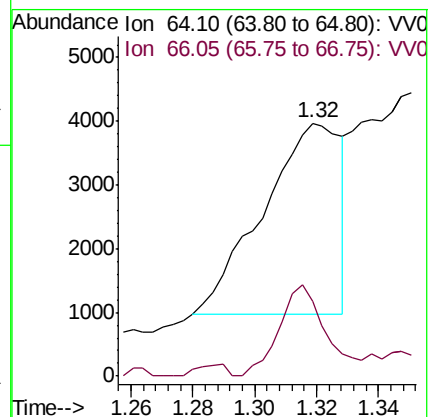
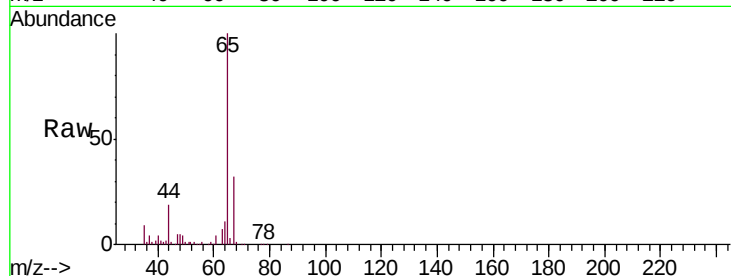
F9P33

Tgt Ion: 64 Resp: 5228

Ion Ratio Lower Upper

64 100

66 29.7 19.4 36.0



#13

Acetone

Concen: 77.681 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011378.D

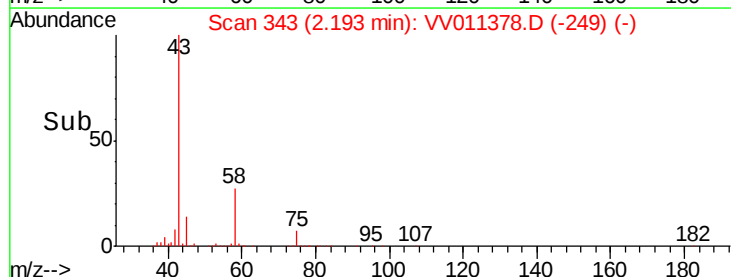
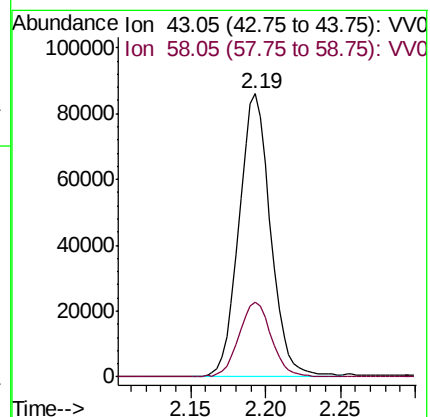
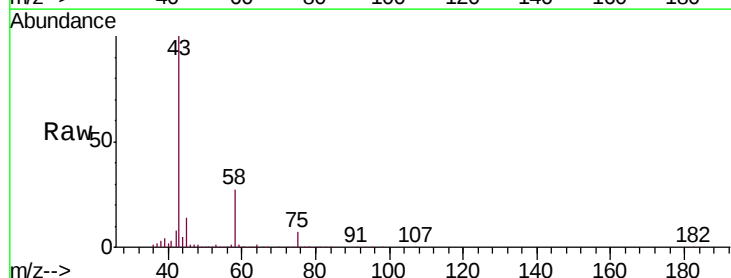
Acq: 11 Jun 2019 06:28

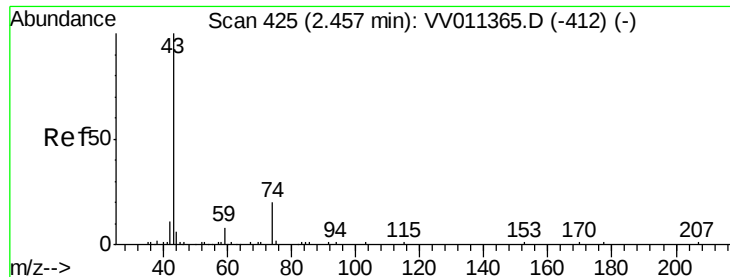
Tgt Ion: 43 Resp: 125521

Ion Ratio Lower Upper

43 100

58 27.4 0.0 55.2

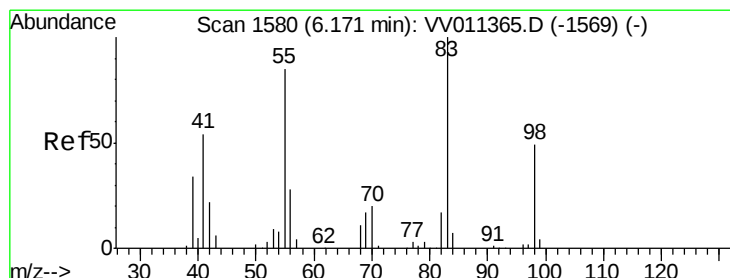
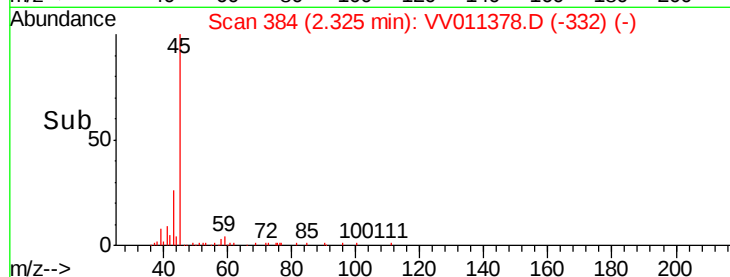
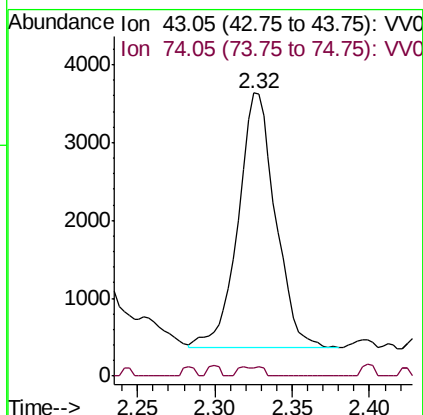
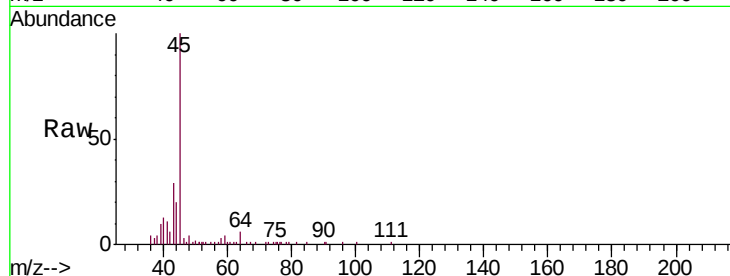




#15
Methyl Acetate
Concen: 1.277 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.13 min
Lab File: VV011378.D
Acq: 11 Jun 2019 06:28

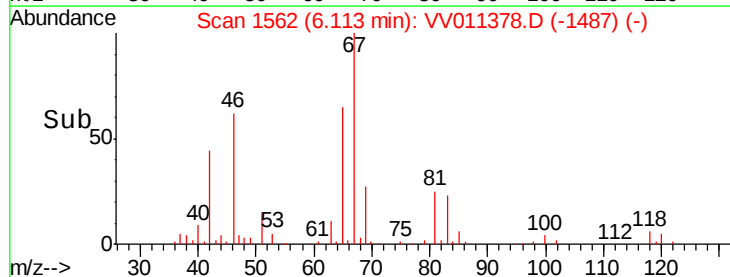
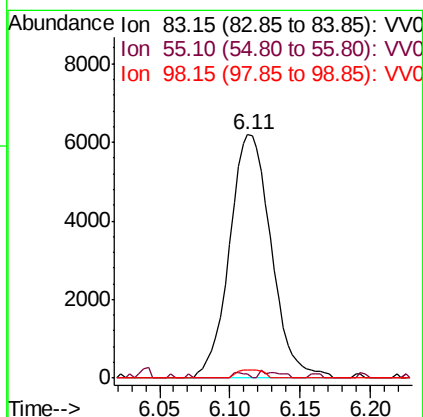
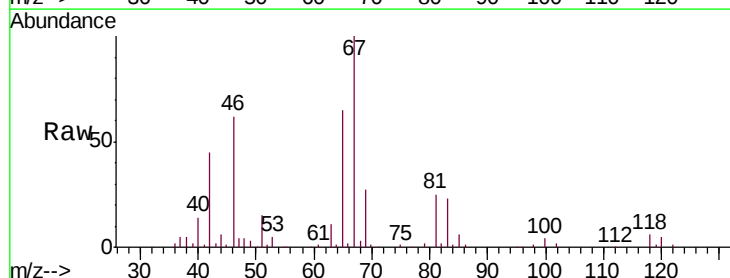
Instrument :
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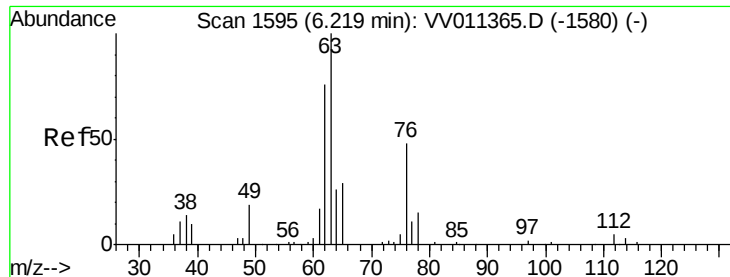
Tgt Ion: 43 Resp: 5480
Ion Ratio Lower Upper
43 100
74 2.3 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011378.D
Acq: 11 Jun 2019 06:28

Tgt Ion: 83 Resp: 12822
Ion Ratio Lower Upper
83 100
55 1.4 67.0 100.6#
98 2.1 40.0 60.0#

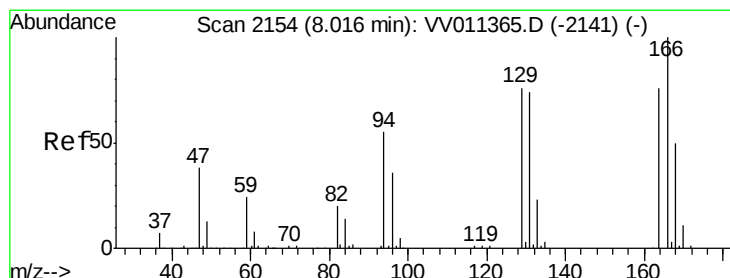
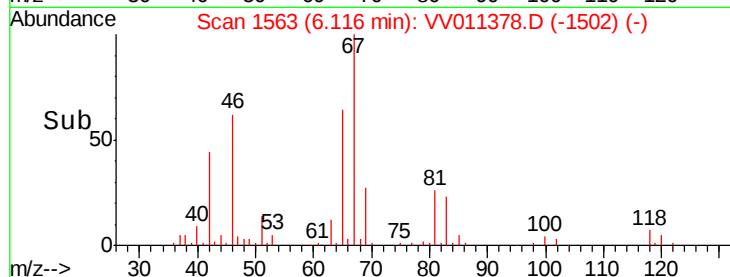
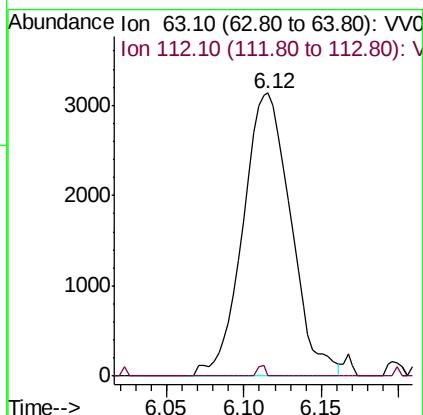
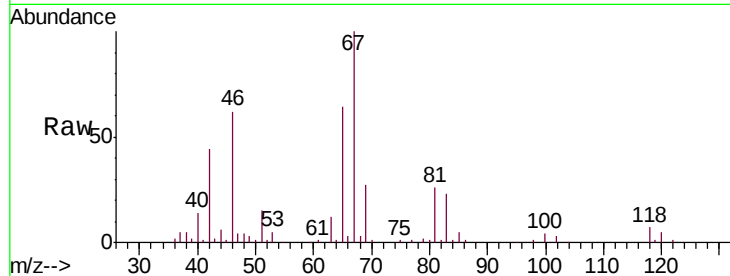




#37
 1,2-Dichloropropane
 Concen: 0.645 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011378.D
 Acq: 11 Jun 2019 06:28

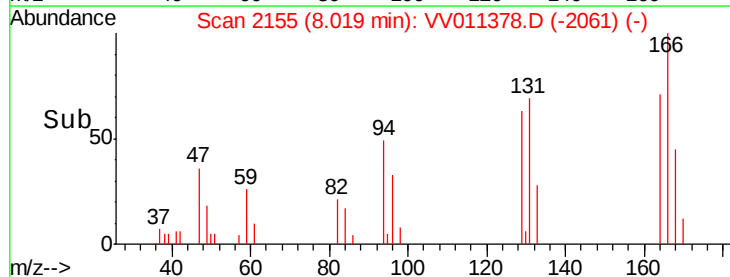
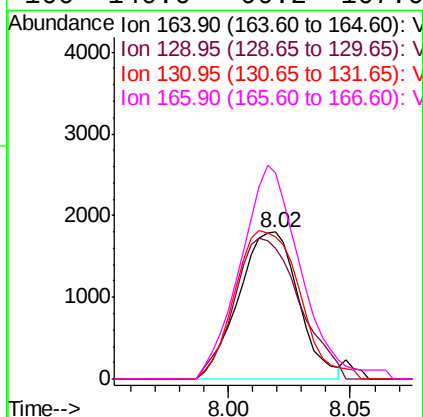
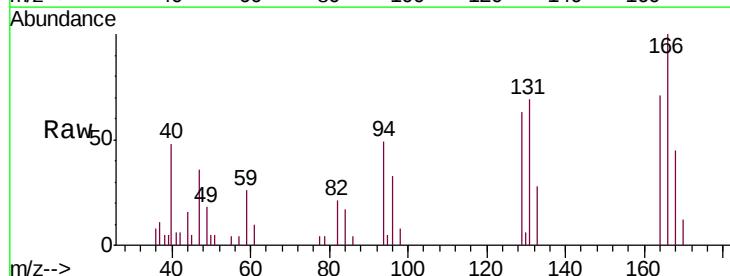
Instrument :
 MSVOA_V
 ClientSampleId :
 F9P33

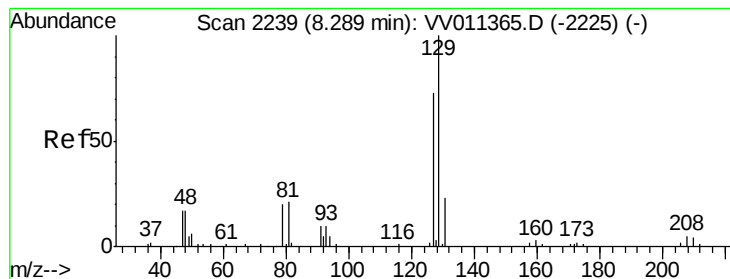
Tgt Ion: 63 Resp: 6746
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.6 5.4#



#47
 Tetrachloroethene
 Concen: 0.390 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV011378.D
 Acq: 11 Jun 2019 06:28

Tgt Ion: 164 Resp: 3062
 Ion Ratio Lower Upper
 164 100
 129 88.8 69.9 129.9
 131 96.4 66.8 124.2
 166 140.6 90.2 167.6





#49

Dibromochloromethane

Concen: 0.398 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.28 min

Lab File: VV011378.D

Acq: 11 Jun 2019 06:28

Instrument :

MSVOA_V

ClientSampleId :

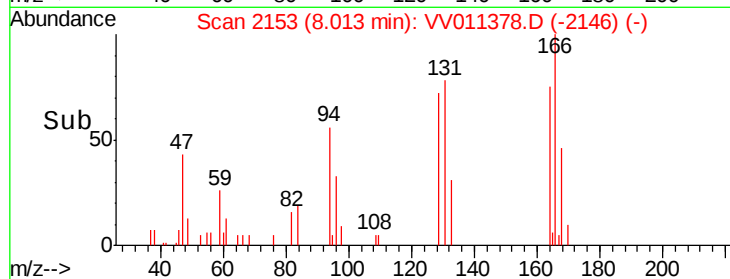
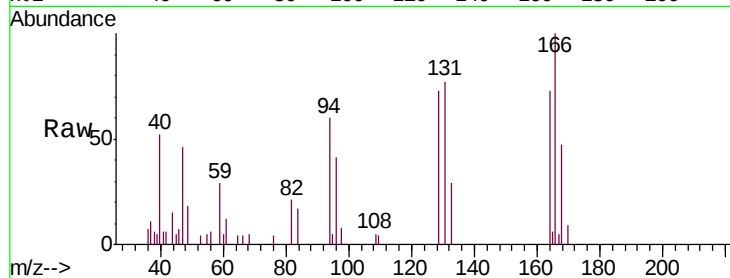
F9P33

Tgt Ion:129 Resp: 3026

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



Abundance Ion 128.95 (128.65 to 129.65): V

2000 Ion 126.90 (126.60 to 127.60): V

