

Data File : VV011431.D
Acq On : 12 Jun 2019 20:18
Operator : SY/MD
Sample : K3310-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLZ9

Quant Time: Jun 13 02:37:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 02:32:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143843	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48799	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35327	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.58	69	31388	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.20%
11) 1,1-Dichloroethene-d2	2.12	63	63190	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.96	46	120899	49.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.54%
24) Chloroform-d	4.40	84	84557	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	49796	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.09	84	164653	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.12	67	52301	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.36	98	141173	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.66	79	13855	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	8.14	63	89041	45.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35608	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	45208	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

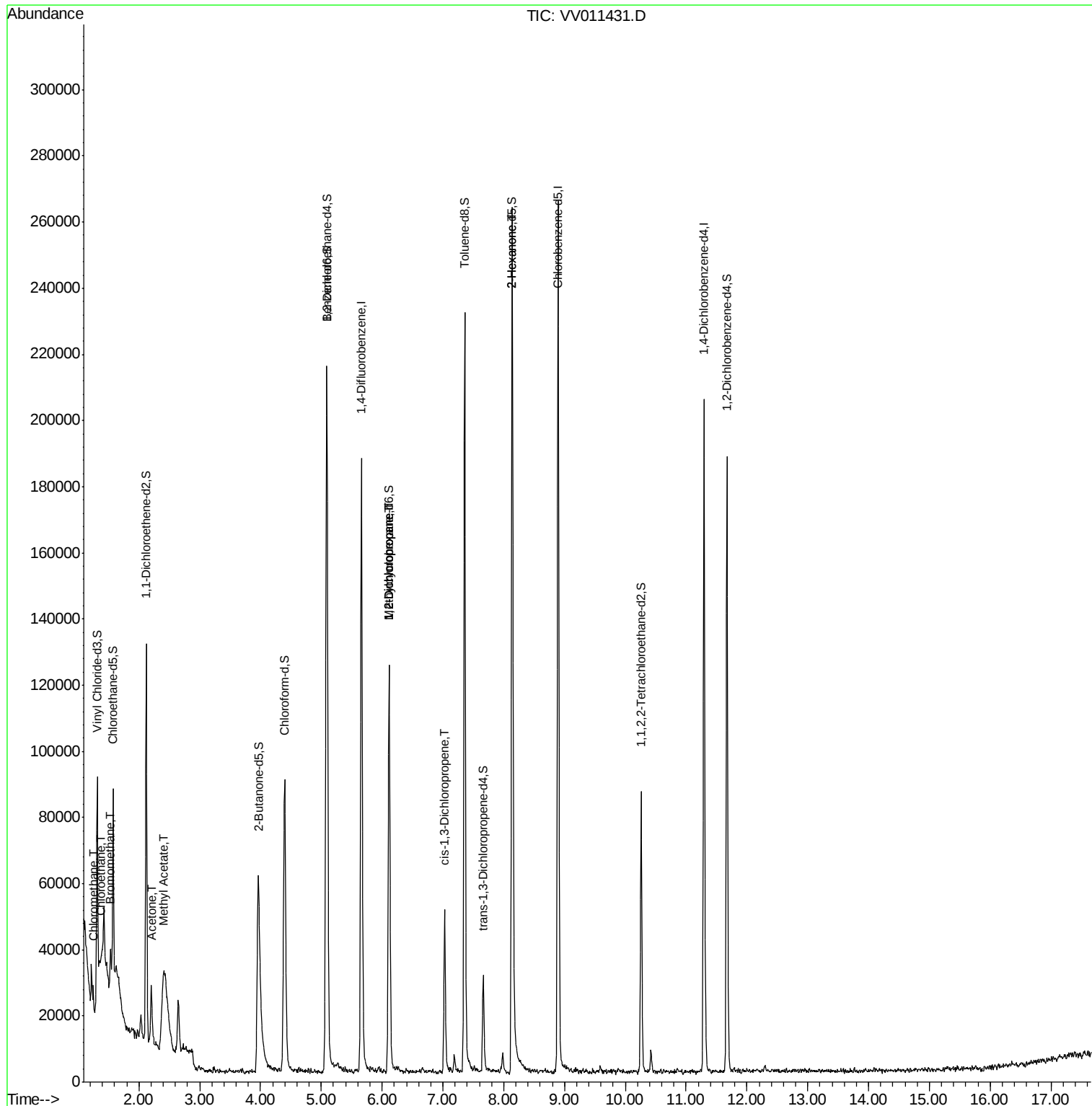
						Qvalue
3) Chloromethane	1.25	50	5388	0.393	ug/L	97
6) Bromomethane	1.53	94	4265	0.619	ug/L	92
8) Chloroethane	1.36	64	21617	2.556	ug/L #	57
13) Acetone	2.21	43	5859	3.561	ug/L	94
15) Methyl Acetate	2.42	43	12160	2.783	ug/L #	53
35) Methylcyclohexane	6.12	83	13085	0.727	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7002	0.668	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1385	0.090	ug/L #	51
48) 2-Hexanone	8.14	43	12766	2.741	ug/L #	73

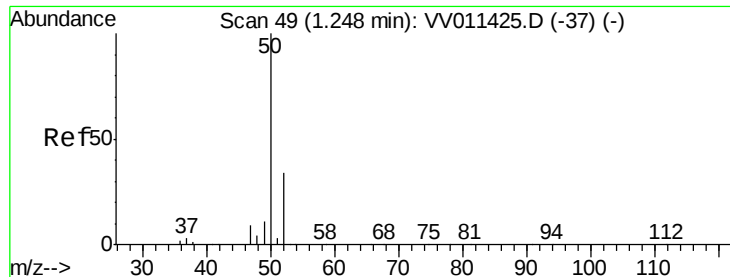
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.393 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011431.D

Acq: 12 Jun 2019 20:18

Instrument :

MSVOA_V

ClientSampleId :

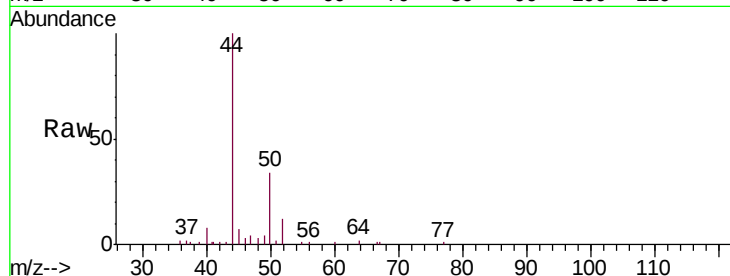
C0LZ9

Tgt Ion: 50 Resp: 5388

Ion Ratio Lower Upper

50 100

52 33.6 22.3 41.5

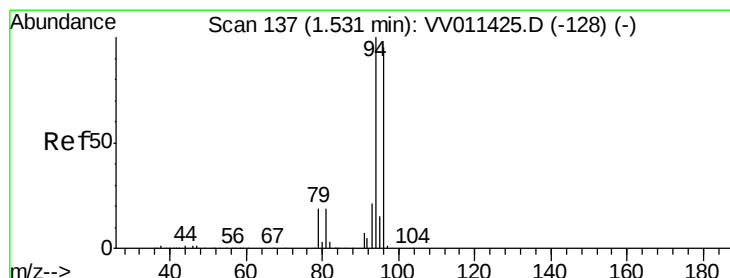
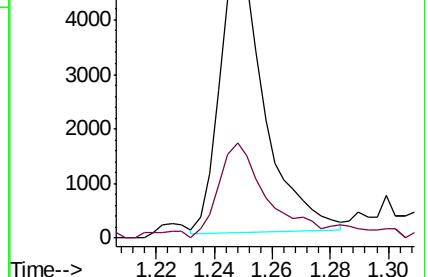
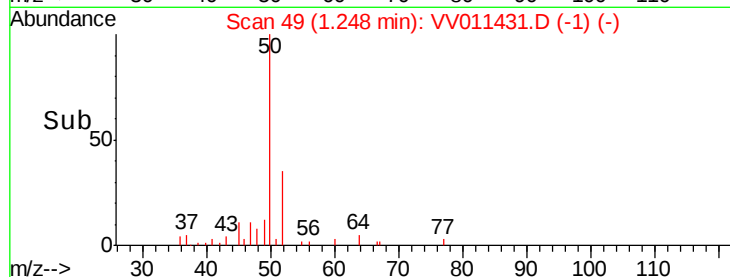


Abundance Ion 50.05 (49.75 to 50.75): VV011425.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011425.D (-37) (-)

1.25

Time-->



#6

Bromomethane

Concen: 0.619 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV011431.D

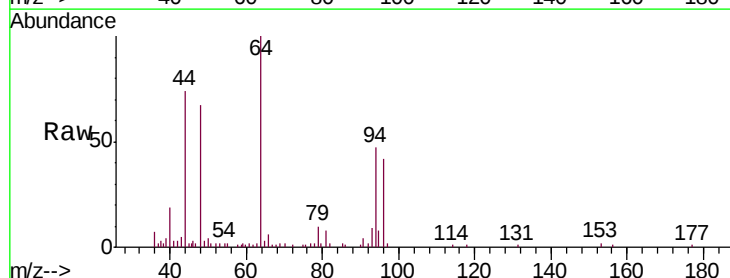
Acq: 12 Jun 2019 20:18

Tgt Ion: 94 Resp: 4265

Ion Ratio Lower Upper

94 100

96 88.4 67.0 124.4

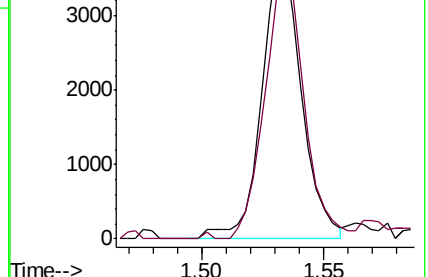
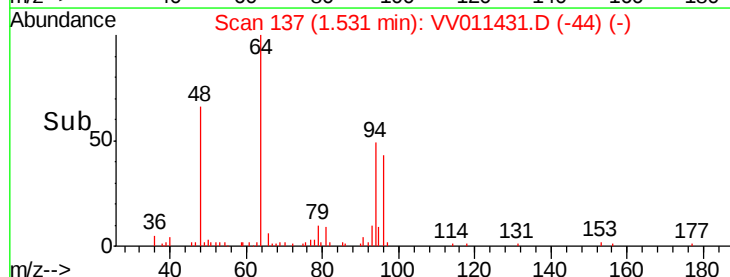


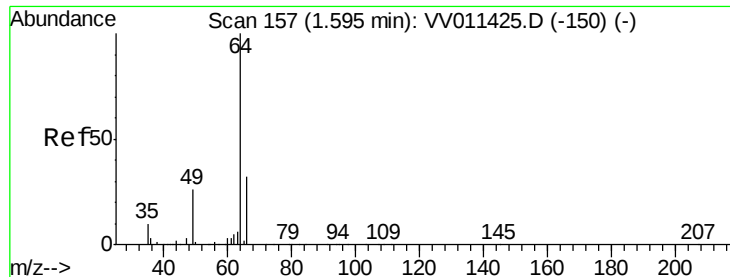
Abundance Ion 94.00 (93.70 to 94.70): VV011425.D (-128) (-)

Ion 96.00 (95.70 to 96.70): VV011425.D (-128) (-)

1.53

Time-->

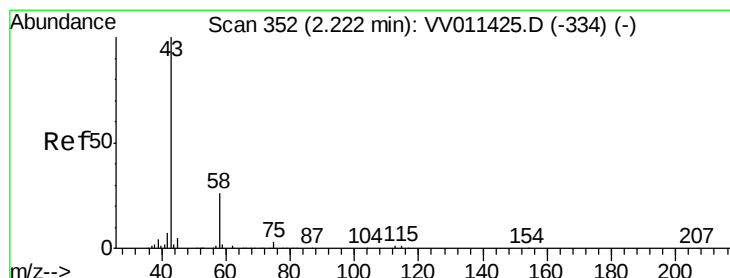
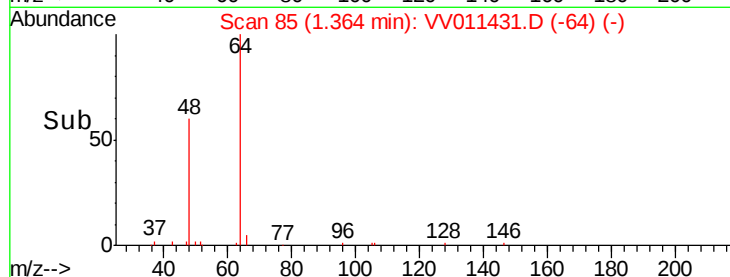
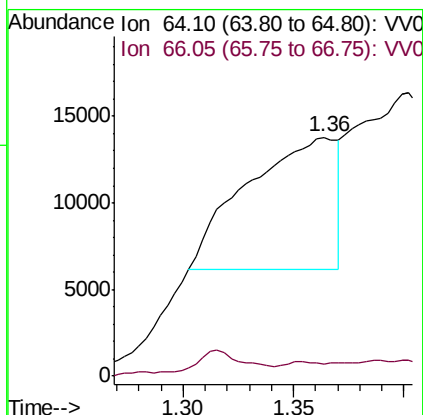
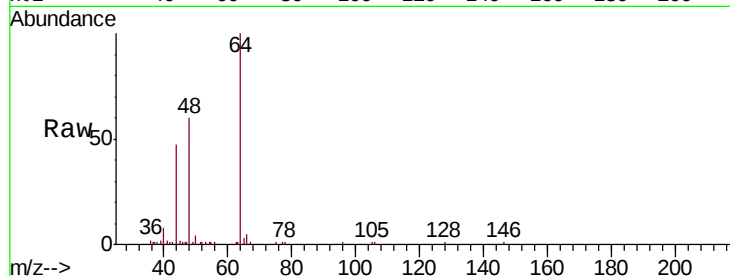




#8
Chloroethane
Concen: 2.556 ug/L
RT: 1.36 min Scan# 85
Delta R.T. -0.23 min
Lab File: VV011431.D
Acq: 12 Jun 2019 20:18

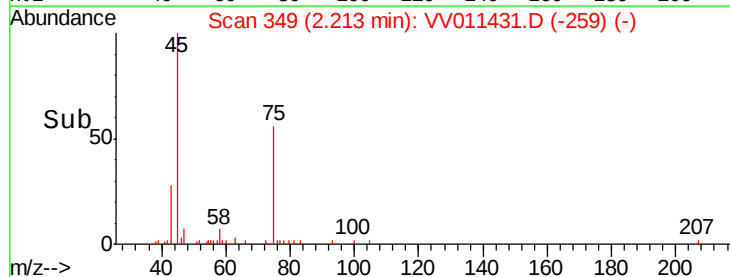
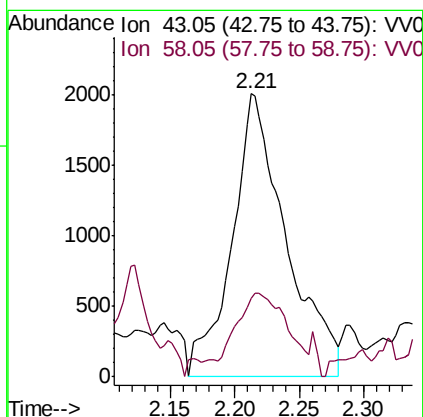
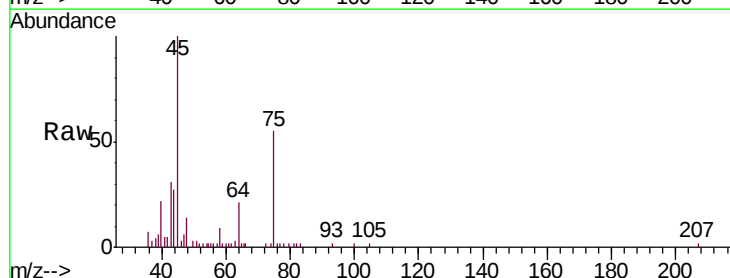
Instrument :
MSVOA_V
ClientSampled :
COLZ9

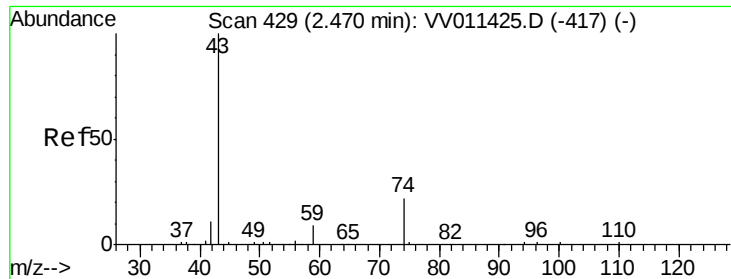
Tgt Ion: 64 Resp: 21617
Ion Ratio Lower Upper
64 100
66 5.2 19.4 36.0#



#13
Acetone
Concen: 3.561 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.01 min
Lab File: VV011431.D
Acq: 12 Jun 2019 20:18

Tgt Ion: 43 Resp: 5859
Ion Ratio Lower Upper
43 100
58 24.6 0.0 55.2

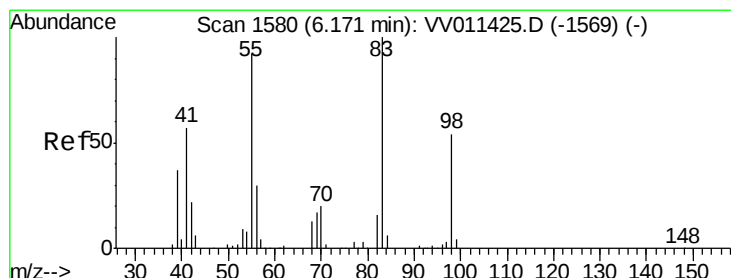
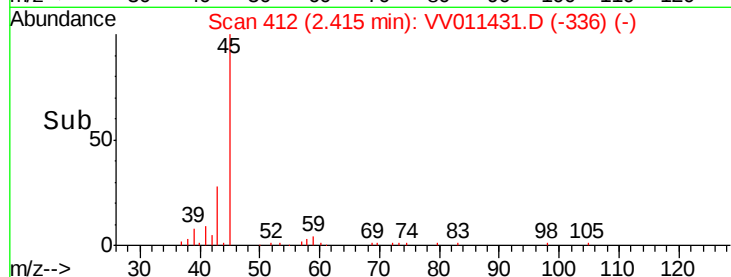
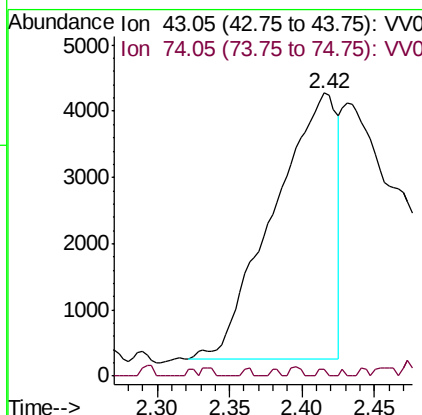
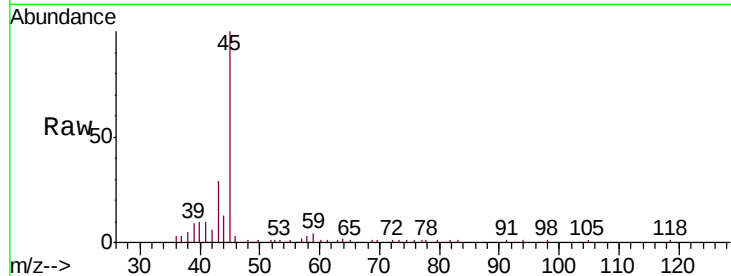




#15
Methyl Acetate
Concen: 2.783 ug/L
RT: 2.42 min Scan# 412
Delta R.T. -0.05 min
Lab File: VV011431.D
Acq: 12 Jun 2019 20:18

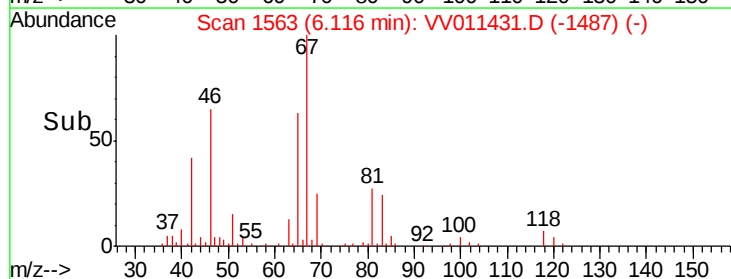
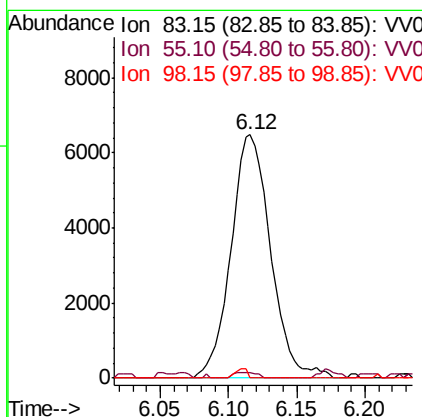
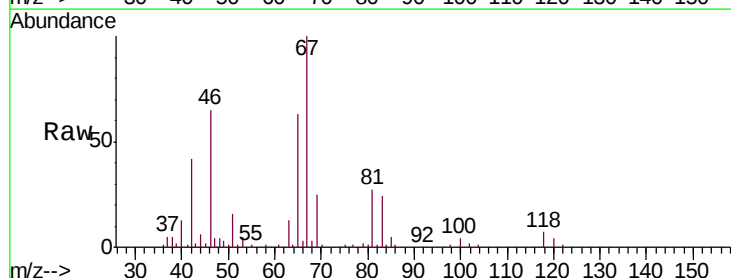
Instrument :
MSVOA_V
ClientSampleId :
COLZ9

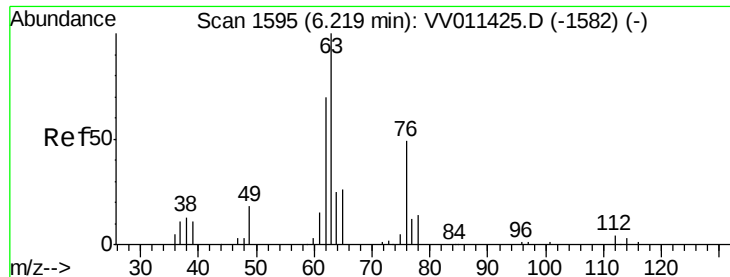
Tgt Ion: 43 Resp: 12160
Ion Ratio Lower Upper
43 100
74 0.3 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011431.D
Acq: 12 Jun 2019 20:18

Tgt Ion: 83 Resp: 13085
Ion Ratio Lower Upper
83 100
55 1.4 67.0 100.6#
98 1.2 40.0 60.0#

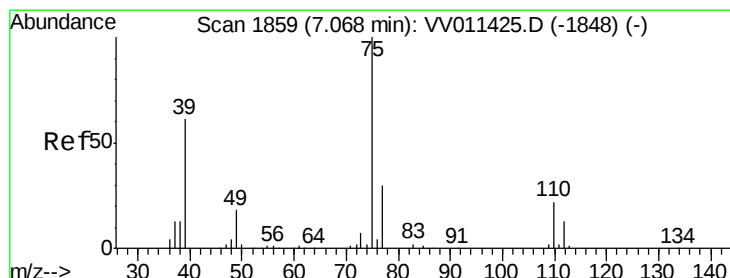
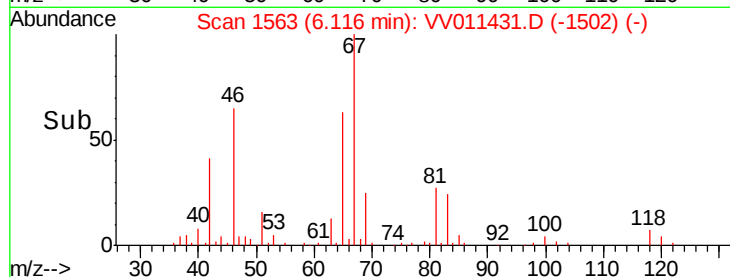
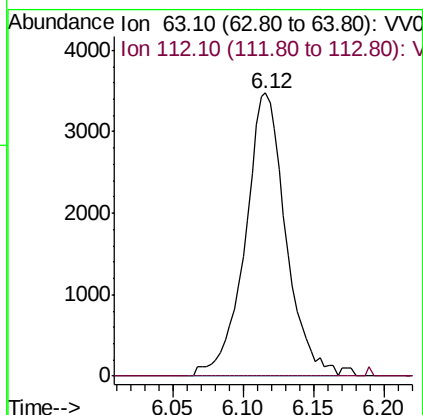
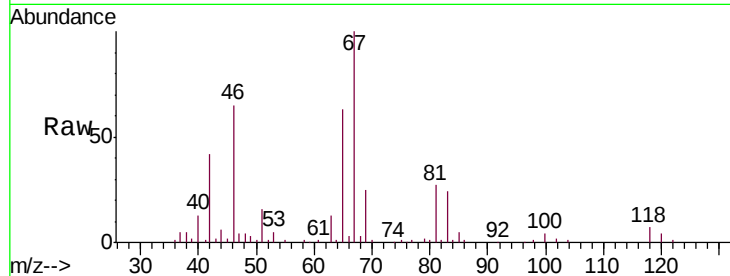




#37
 1,2-Dichloropropane
 Concen: 0.668 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011431.D
 Acq: 12 Jun 2019 20:18

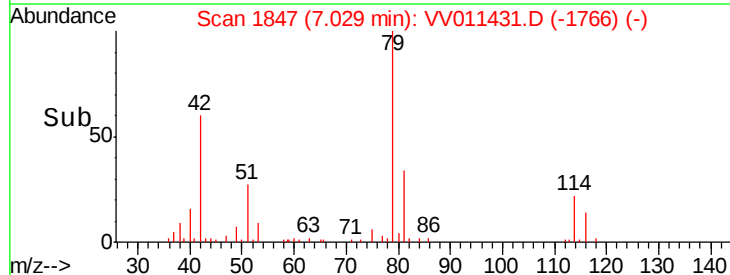
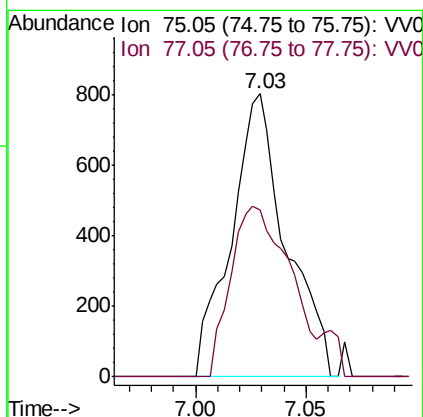
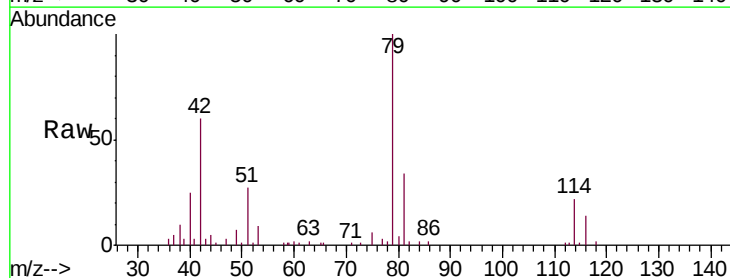
Instrument :
 MSVOA_V
 ClientSampleId :
 COLZ9

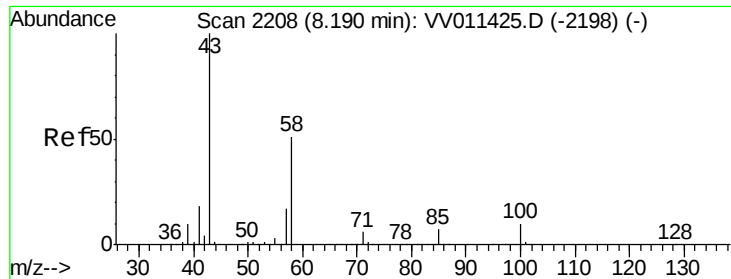
Tgt Ion: 63 Resp: 7002
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011431.D
 Acq: 12 Jun 2019 20:18

Tgt Ion: 75 Resp: 1385
 Ion Ratio Lower Upper
 75 100
 77 58.7 22.2 41.2#





#48

2-Hexanone

Concen: 2.741 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011431.D

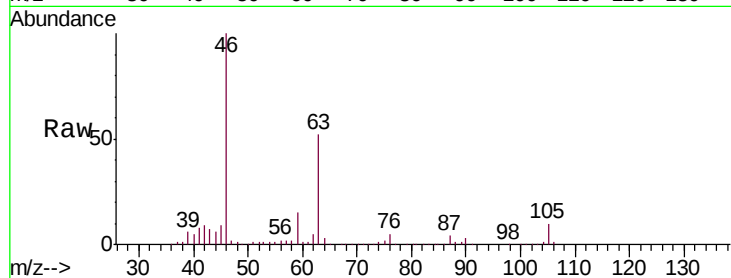
Acq: 12 Jun 2019 20:18

Instrument :

MSVOA_V

ClientSampleId :

C0LZ9



Tgt Ion:	43	Resp:	12766
Ion	Ratio	Lower	Upper
43	100		
58	30.6	41.4	62.0#
57	26.8	15.0	22.4#
100	1.1	9.0	13.4#

