

Data File : VV011215.D
Acq On : 04 Jun 2019 19:38
Operator : SY/MD
Sample : K2889-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BQ0

Quant Time: Jun 05 01:45:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	175053	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162351	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64437	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.56	69	50267	4.56	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.12	63	95471	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.94	46	170566	57.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.24%
24) Chloroform-d	4.40	84	110876	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	63495	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	235980	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	72404	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	214205	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.66	79	25417	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.13	63	137960	57.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52816	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	68842	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1587	0.092 ug/L	100
3) Chloromethane	1.25	50	1408	0.084 ug/L	99
8) Chloroethane	1.56	64	1157	0.112 ug/L #	63
13) Acetone	2.19	43	78965	39.438 ug/L	98
15) Methyl Acetate	2.32	43	5062	0.952 ug/L #	56
21) 2-Butanone	4.04	43	4874	1.581 ug/L	97
25) Chloroform	4.42	83	2847	0.113 ug/L	92
35) Methylcyclohexane	6.12	83	17232	0.781 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8903	0.692 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2538	0.135 ug/L #	53
44) trans-1,3-Dichloropropene	7.66	75	1479	0.103 ug/L #	44
48) 2-Hexanone	8.13	43	17524	3.069 ug/L #	70

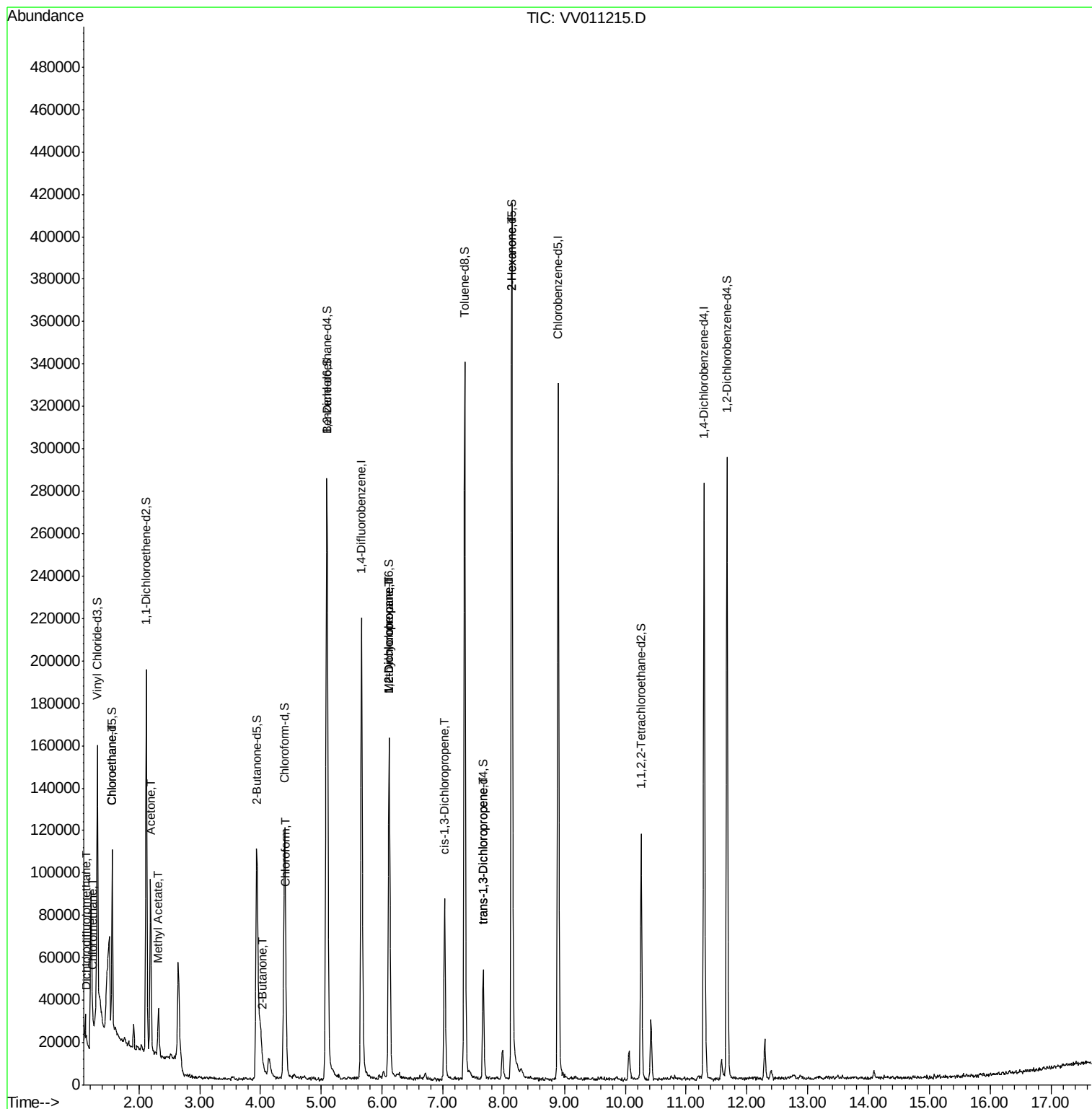
(#) = qualifier out of range (m) = manual integration (+) = signals summed

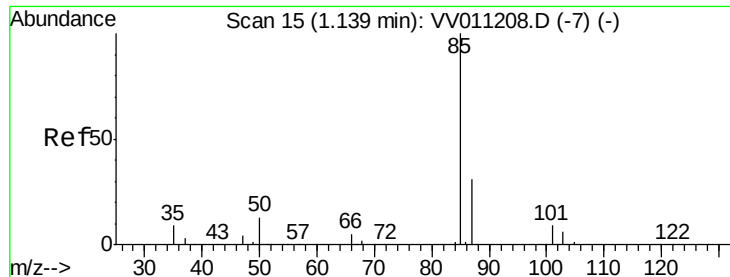
Data File : VV011215.D

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Acq On       : 04 Jun 2019   19:38
Operator    : SY/MD
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Misc       : 25ML/MSV0A_V/WATER
ALS Vial    : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
C0BQ0

Quant Time: Jun 05 01:45:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.092 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV011215.D

Acq: 04 Jun 2019 19:38

Instrument :

MSVOA_V

ClientSampleId :

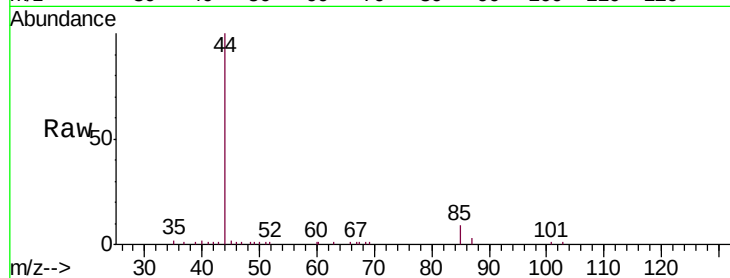
C0BQ0

Tgt Ion: 85 Resp: 1587

Ion Ratio Lower Upper

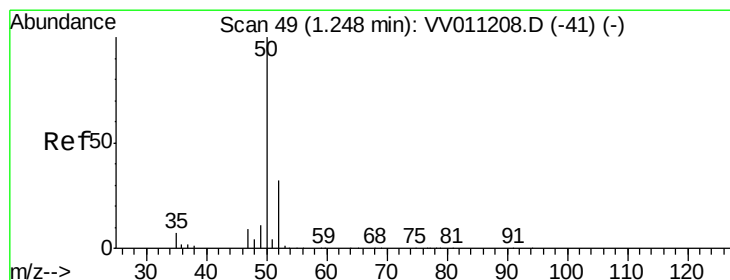
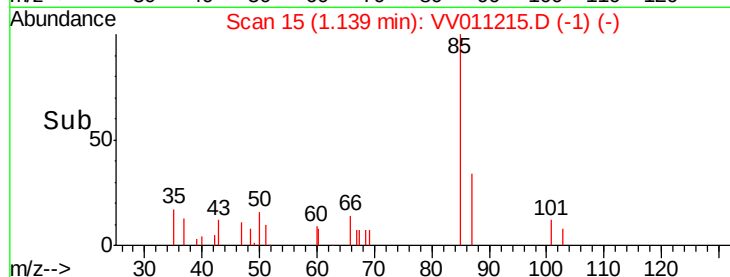
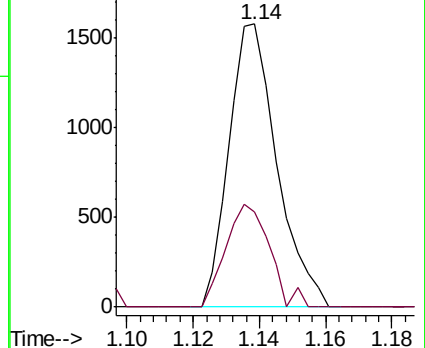
85 100

87 33.0 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.084 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011215.D

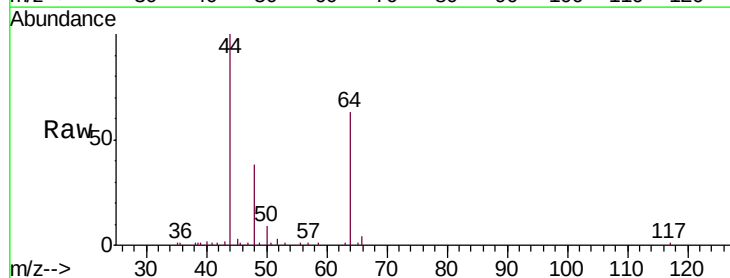
Acq: 04 Jun 2019 19:38

Tgt Ion: 50 Resp: 1408

Ion Ratio Lower Upper

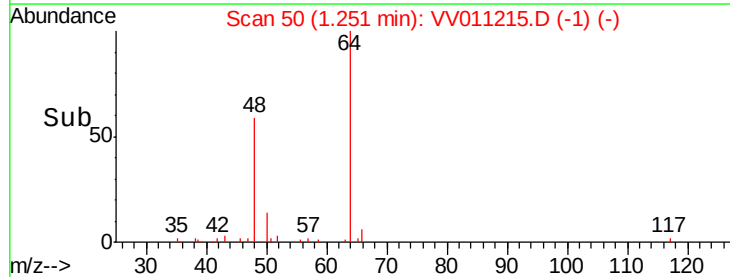
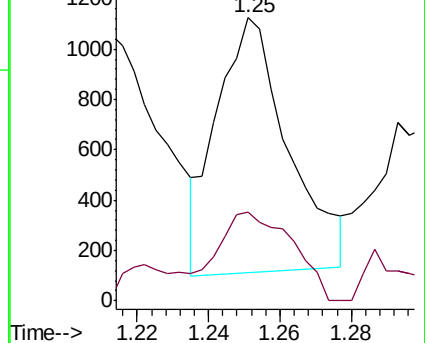
50 100

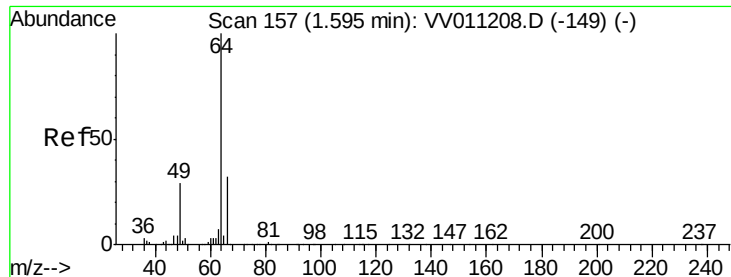
52 31.2 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

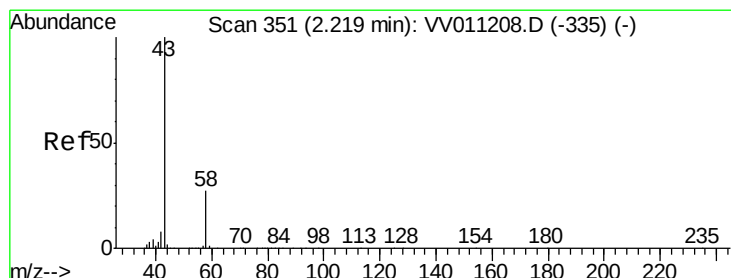
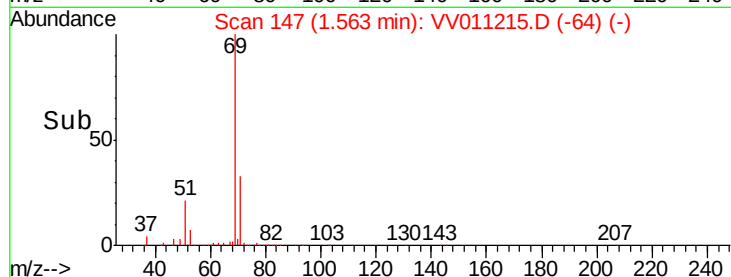
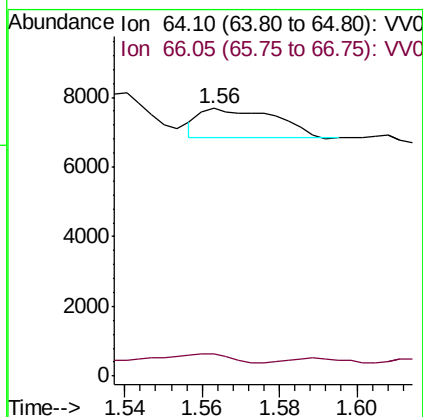
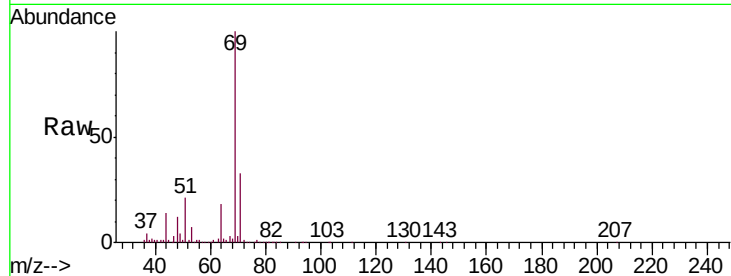




#8
Chloroethane
Concen: 0.112 ug/L
RT: 1.56 min Scan# 147
Delta R.T. -0.03 min
Lab File: VV011215.D
Acq: 04 Jun 2019 19:38

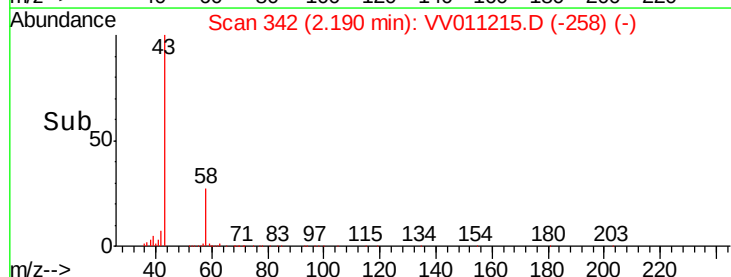
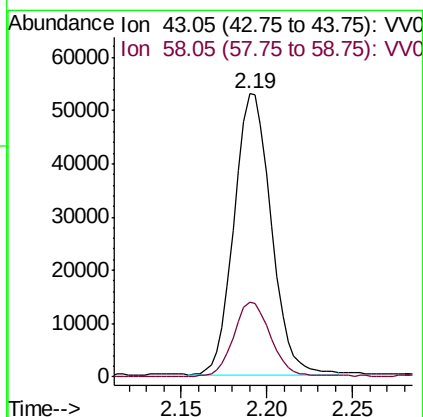
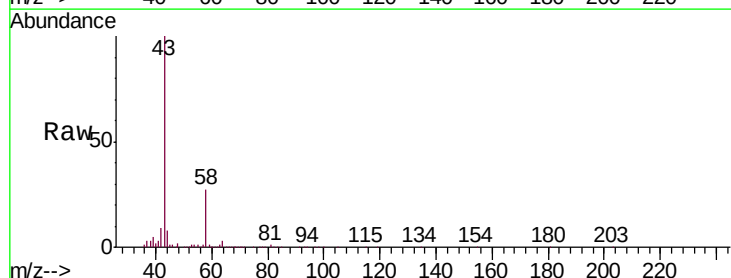
Instrument :
MSVOA_V
ClientSampleId :
C0BQ0

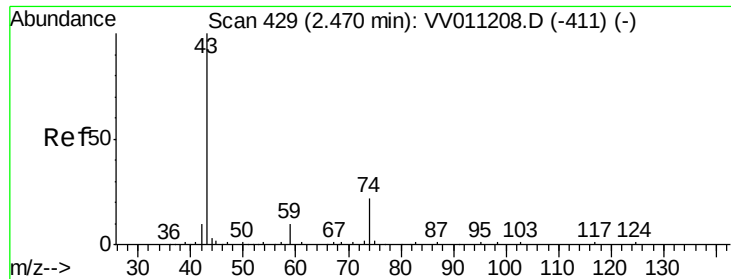
Tgt Ion: 64 Resp: 1157
Ion Ratio Lower Upper
64 100
66 8.4 19.4 36.0#



#13
Acetone
Concen: 39.438 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.03 min
Lab File: VV011215.D
Acq: 04 Jun 2019 19:38

Tgt Ion: 43 Resp: 78965
Ion Ratio Lower Upper
43 100
58 26.3 0.0 55.2

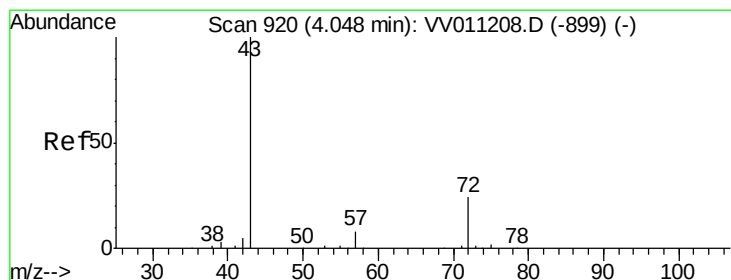
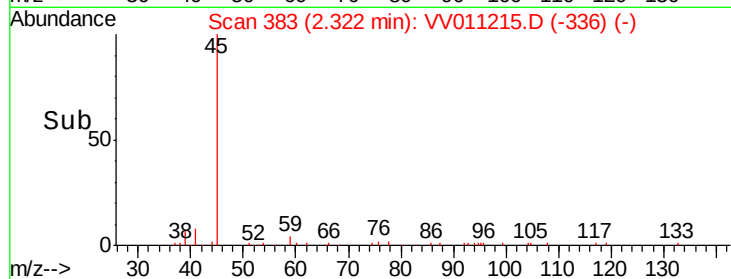
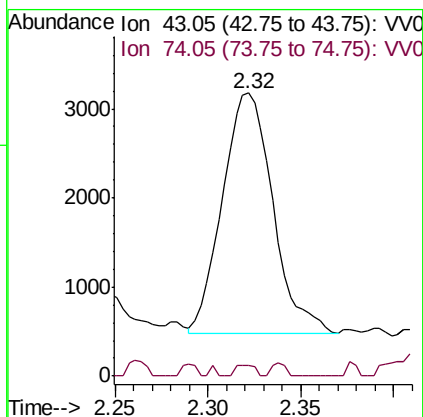
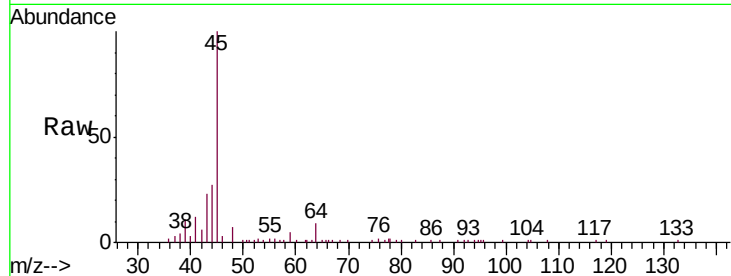




#15
Methyl Acetate
Concen: 0.952 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.15 min
Lab File: VV011215.D
Acq: 04 Jun 2019 19:38

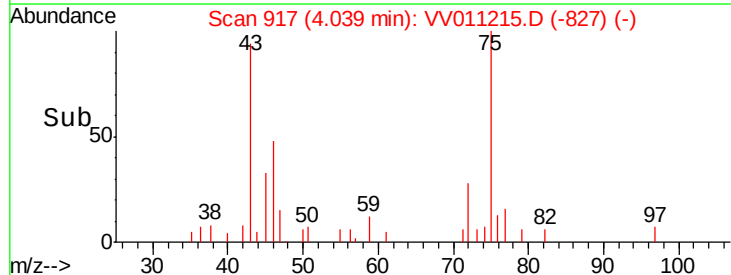
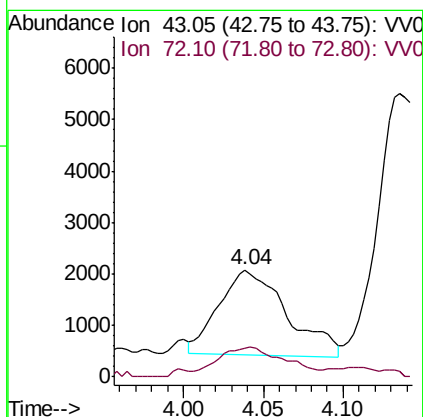
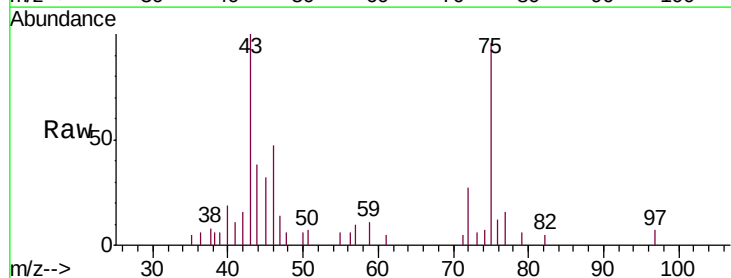
Instrument :
MSVOA_V
ClientSampleId :
C0BQ0

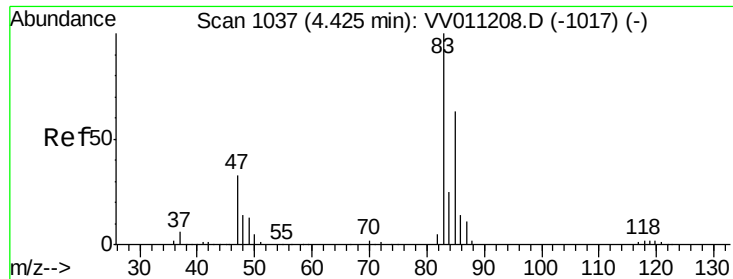
Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
74 1.8 18.5 27.7#



#21
2-Butanone
Concen: 1.581 ug/L
RT: 4.04 min Scan# 917
Delta R.T. -0.01 min
Lab File: VV011215.D
Acq: 04 Jun 2019 19:38

Tgt Ion: 43 Resp: 4874
Ion Ratio Lower Upper
43 100
72 27.0 12.7 38.1

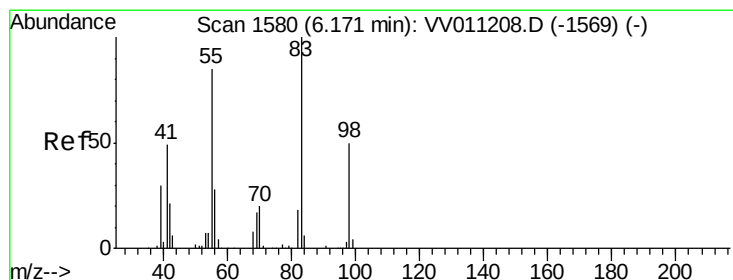
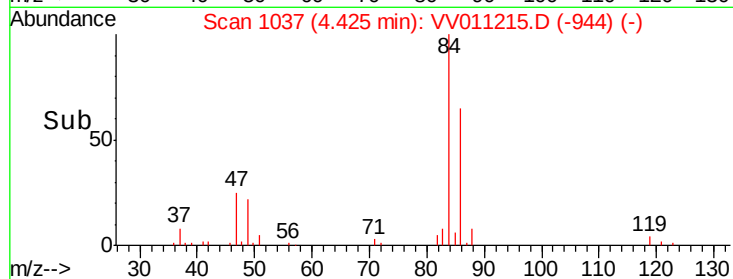
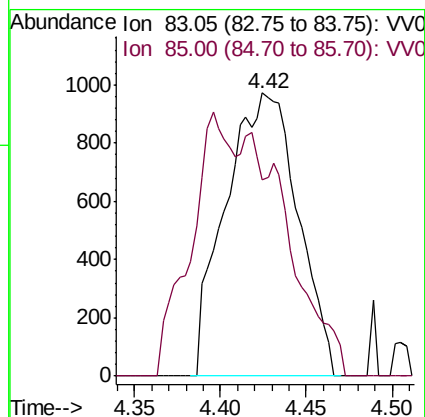
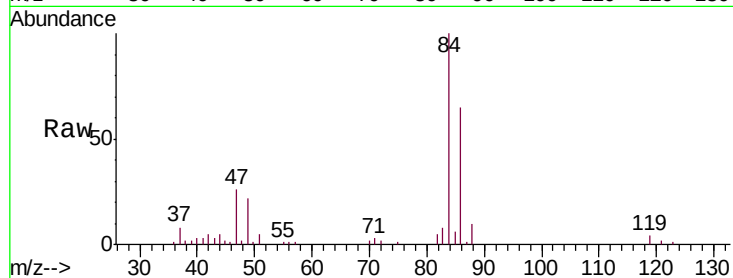




#25
Chloroform
Concen: 0.113 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011215.D
Acq: 04 Jun 2019 19:38

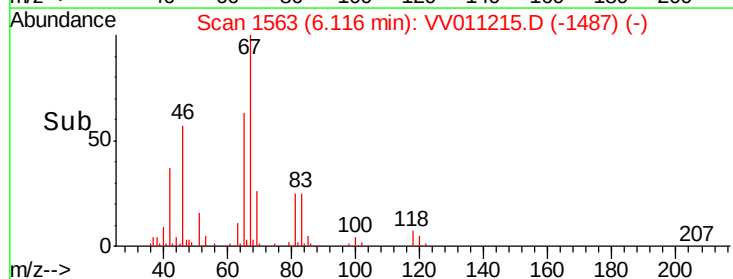
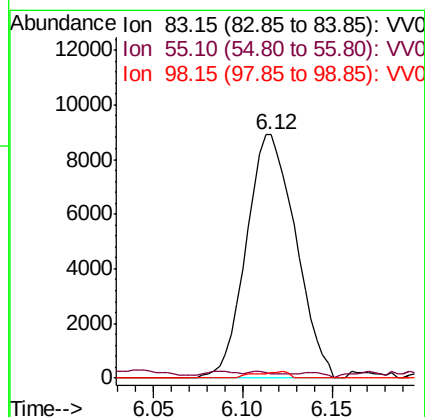
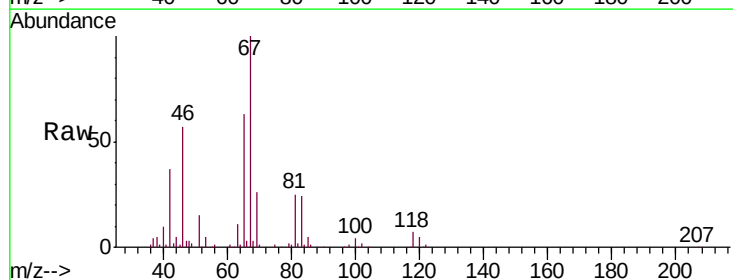
Instrument :
MSVOA_V
ClientSampled :
C0BQ0

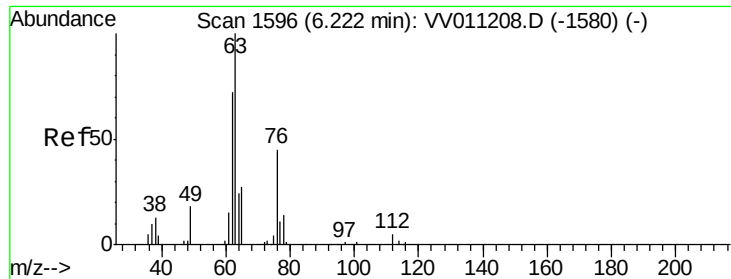
Tgt Ion: 83 Resp: 2847
Ion Ratio Lower Upper
83 100
85 69.3 44.1 81.9



#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011215.D
Acq: 04 Jun 2019 19:38

Tgt Ion: 83 Resp: 17232
Ion Ratio Lower Upper
83 100
55 1.4 67.0 100.6#
98 1.8 40.0 60.0#

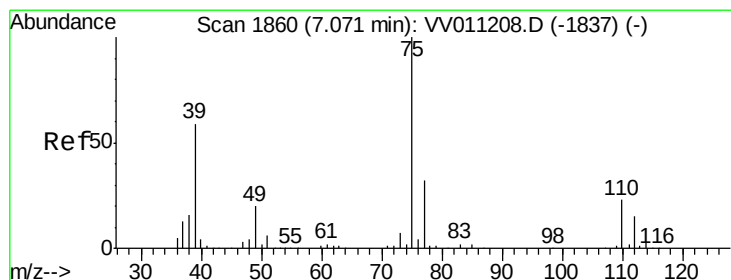
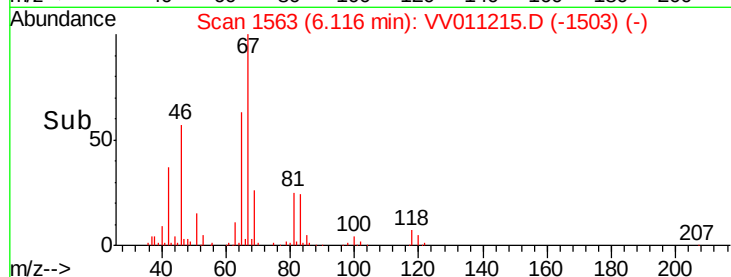
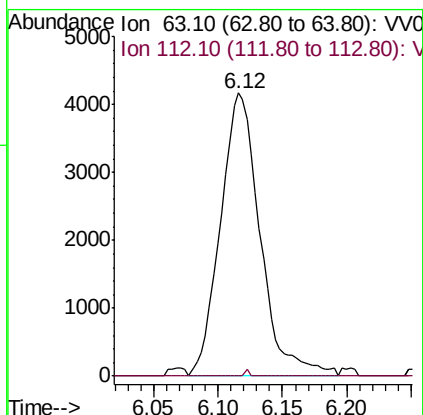
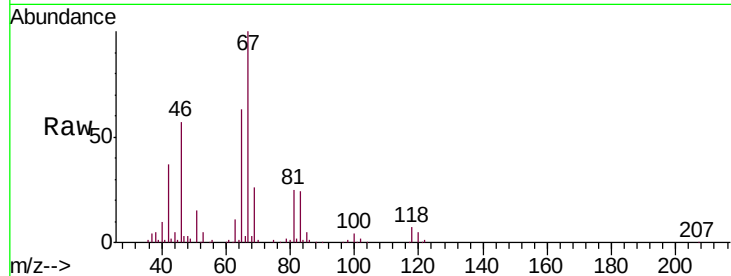




#37
 1,2-Dichloropropane
 Concen: 0.692 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV011215.D
 Acq: 04 Jun 2019 19:38

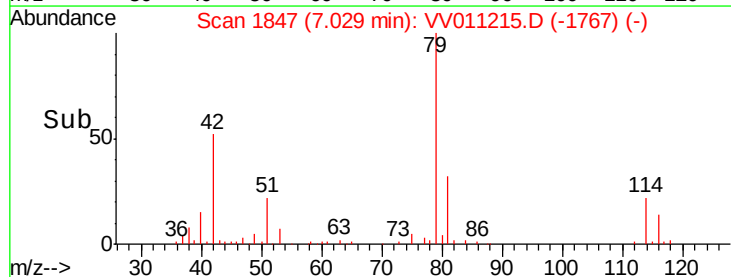
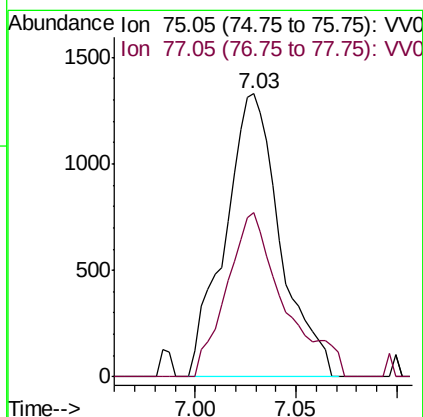
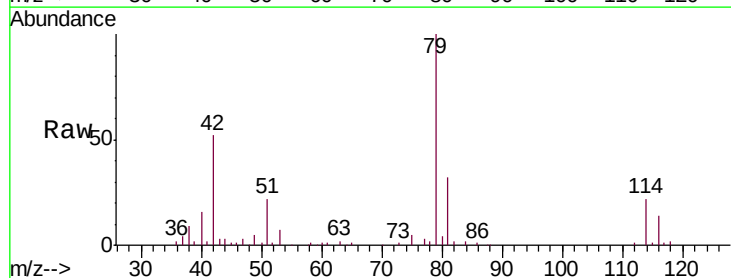
Instrument :
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 ClientSampleId :
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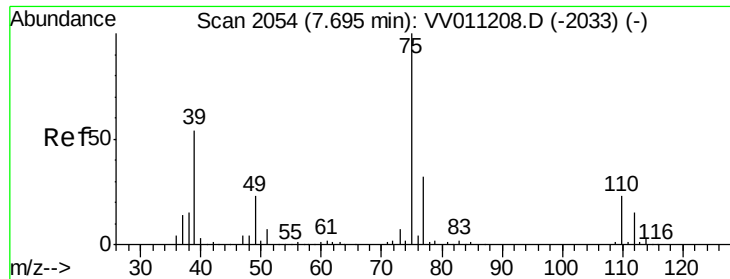
Tgt Ion: 63 Resp: 8903
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.135 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011215.D
 Acq: 04 Jun 2019 19:38

Tgt Ion: 75 Resp: 2538
 Ion Ratio Lower Upper
 75 100
 77 57.9 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV011215.D

Acq: 04 Jun 2019 19:38

Instrument :

MSVOA_V

ClientSampleId :

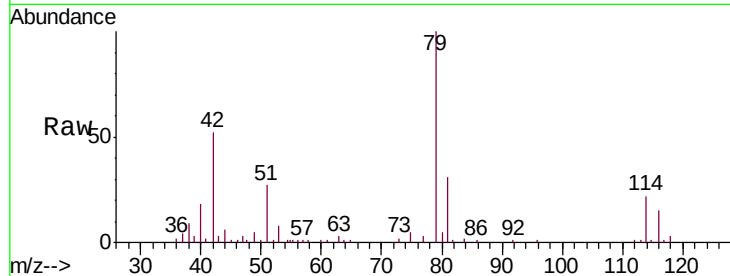
C0BQ0

Tgt Ion: 75 Resp: 1479

Ion Ratio Lower Upper

75 100

77 64.7 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV011208.D (-2033) (-)

Ion 77.05 (76.75 to 77.75): VV011208.D (-2033) (-)

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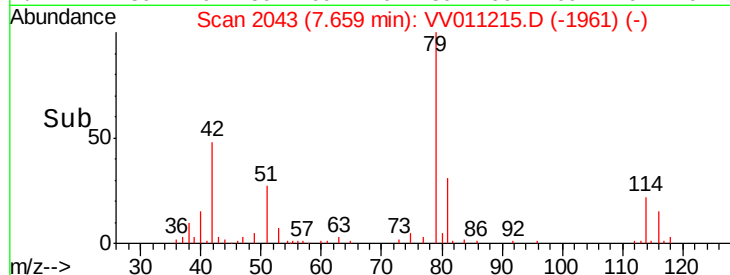
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Abundance Ion 75.05 (74.75 to 75.75): VV011215.D (-1961) (-)

Ion 77.05 (76.75 to 77.75): VV011215.D (-1961) (-)

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