

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071718\
 Data File : VV006624.D
 Acq On : 17 Jul 2018 18:38
 Operator : SY/MD
 Sample : J3983-21
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB1A2

Quant Time: Jul 18 03:07:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 15:32:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243953	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100534	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105217	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.57	69	76092	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	136599	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.96	46	205874	63.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.08%
24) Chloroform-d	4.41	84	166617	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.09	65	84890	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	357749	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	112891	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.37	98	313174	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	36250	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	214049	47.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85679	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	115092	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

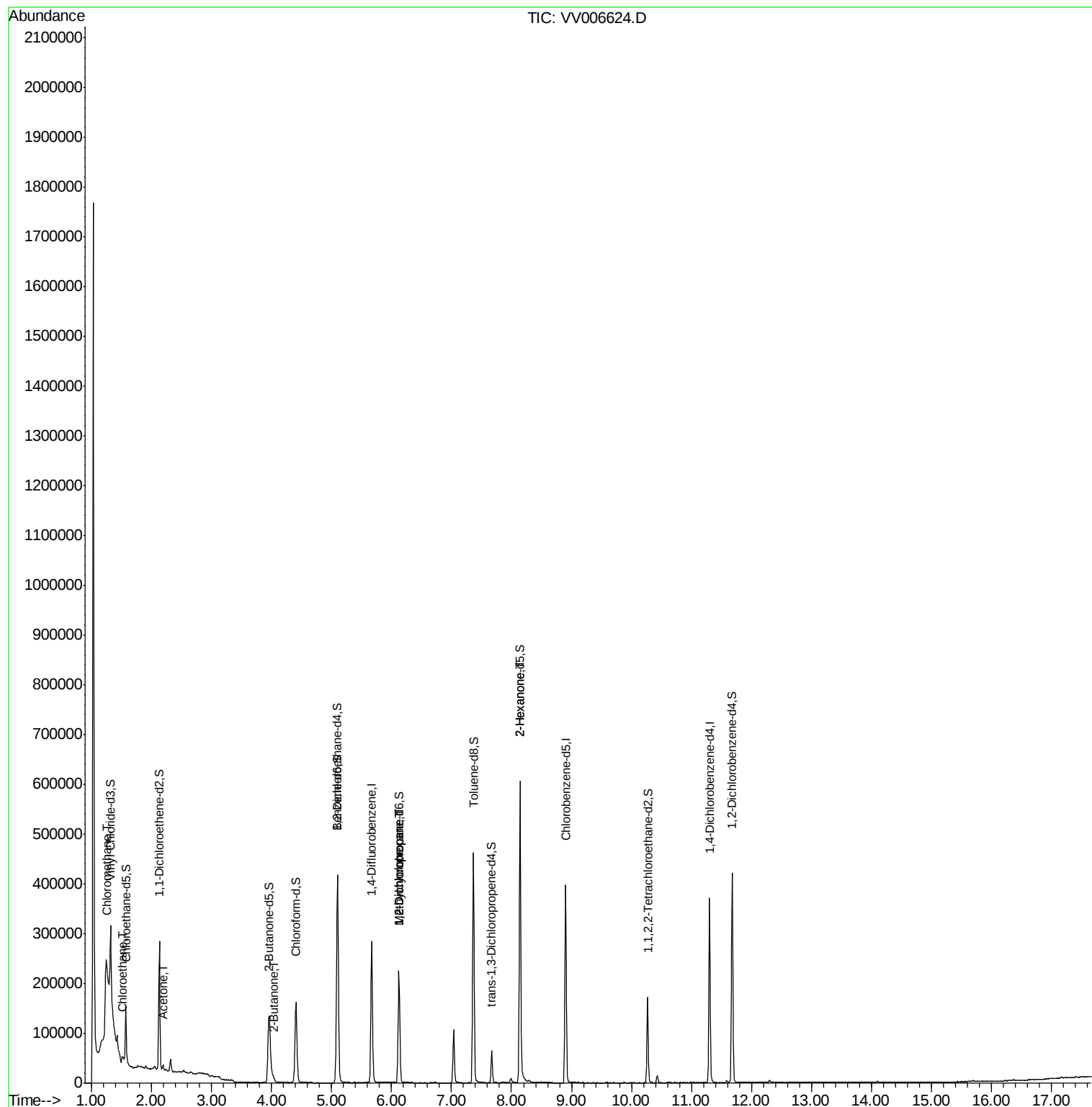
					Qvalue
3) Chloromethane	1.26	50	8467	0.308 ug/L #	56
8) Chloroethane	1.52	64	8733	0.530 ug/L #	51
13) Acetone	2.19	43	8950	2.746 ug/L	100
21) 2-Butanone	4.04	43	1310	0.229 ug/L	87
35) Methylcyclohexane	6.12	83	26679	0.804 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	11308	0.524 ug/L #	86
48) 2-Hexanone	8.14	43	22676	2.557 ug/L #	66

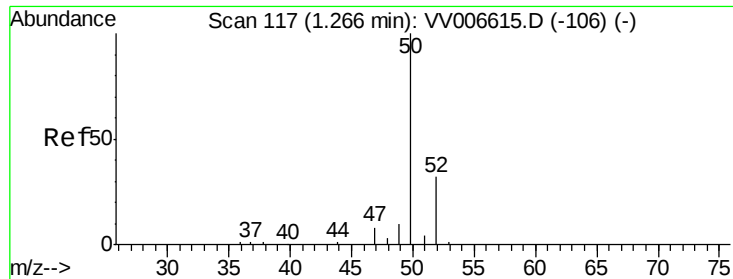
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.308 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.01 min

Lab File: VV006624.D

Acq: 17 Jul 2018 18:38

Instrument :

MSVOA_V

ClientSampleId :

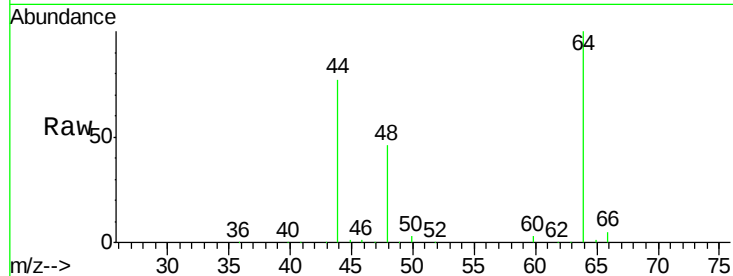
DB1A2

Tgt Ion: 50 Resp: 8467

Ion Ratio Lower Upper

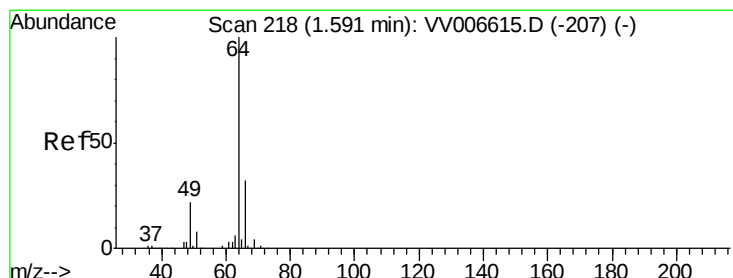
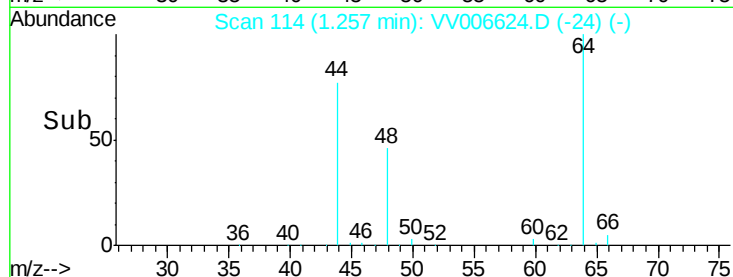
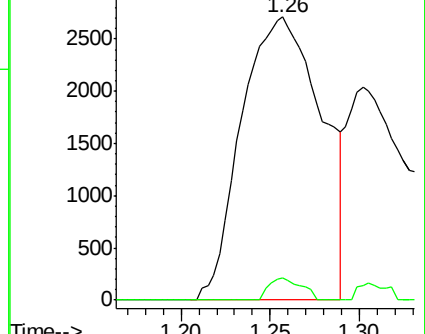
50 100

52 7.8 22.6 42.0#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.530 ug/L

RT: 1.52 min Scan# 195

Delta R.T. -0.07 min

Lab File: VV006624.D

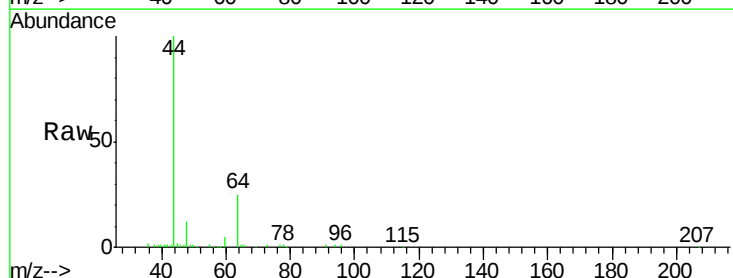
Acq: 17 Jul 2018 18:38

Tgt Ion: 64 Resp: 8733

Ion Ratio Lower Upper

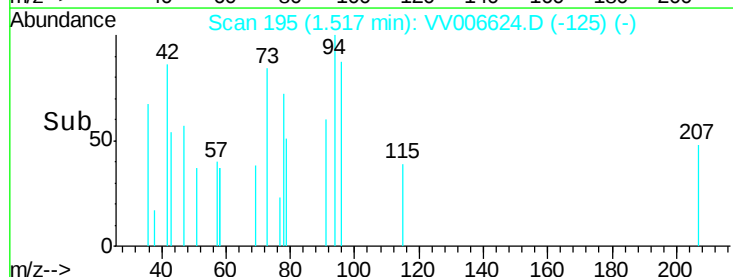
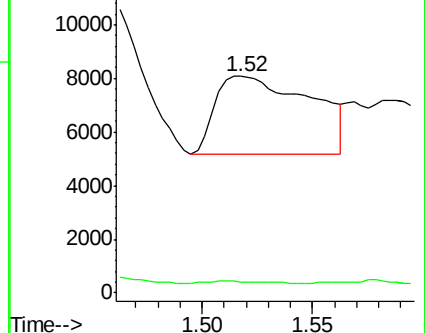
64 100

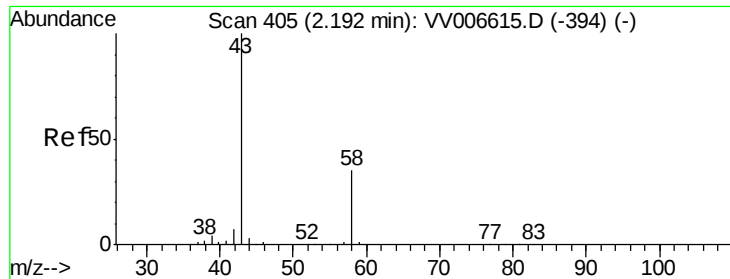
66 5.0 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 2.746 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006624.D

Acq: 17 Jul 2018 18:38

Instrument :

MSVOA_V

ClientSampleId :

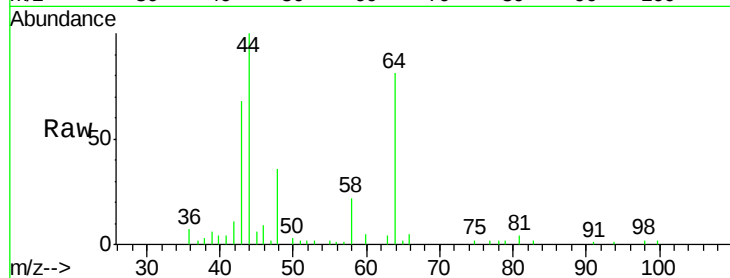
DB1A2

Tgt Ion: 43 Resp: 8950

Ion Ratio Lower Upper

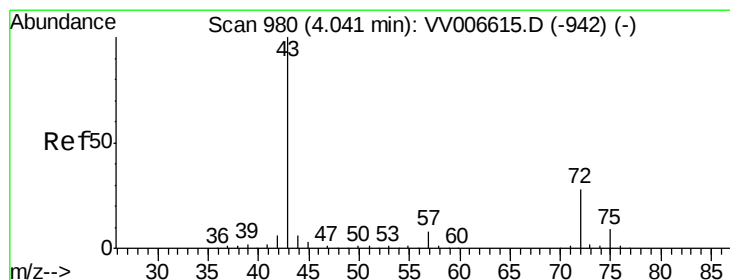
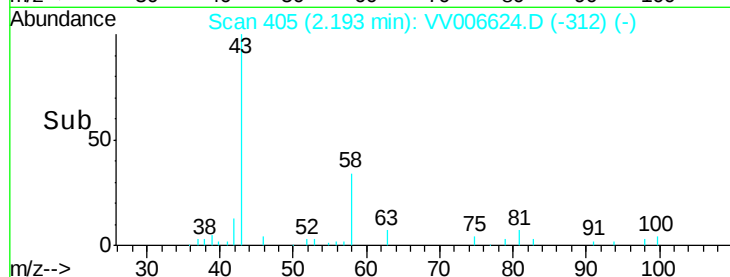
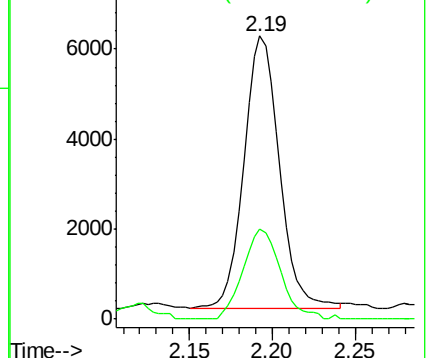
43 100

58 35.1 0.0 70.8



Abundance Ion 43.05 (42.75 to 43.75): VV006624.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VV006624.D (-312) (-)



#21

2-Butanone

Concen: 0.229 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.00 min

Lab File: VV006624.D

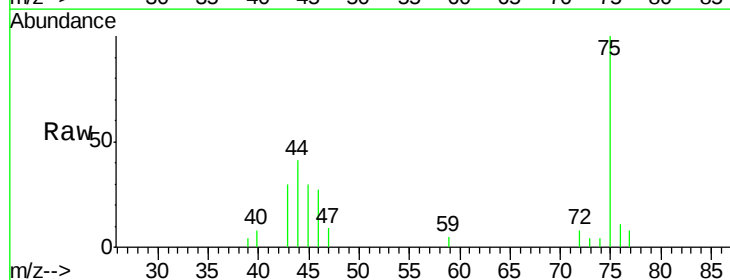
Acq: 17 Jul 2018 18:38

Tgt Ion: 43 Resp: 1310

Ion Ratio Lower Upper

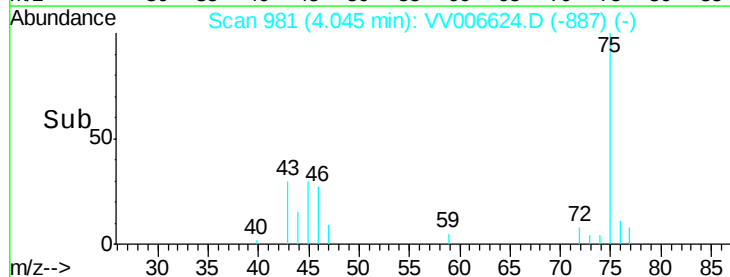
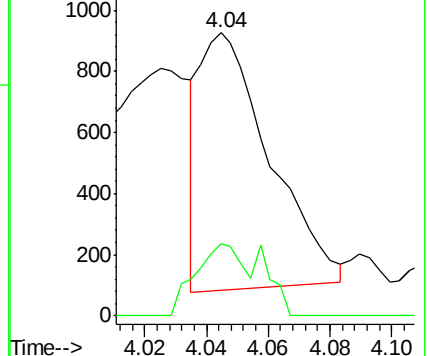
43 100

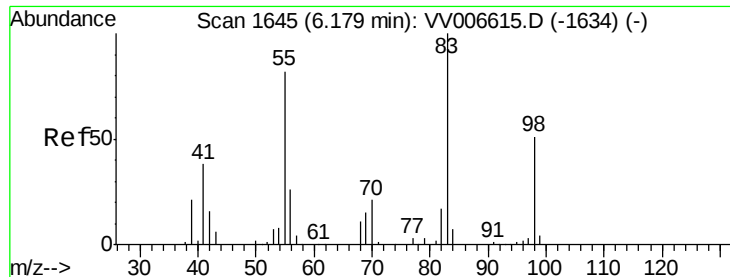
72 19.8 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VV006624.D (-887) (-)

Ion 72.10 (71.80 to 72.80): VV006624.D (-887) (-)

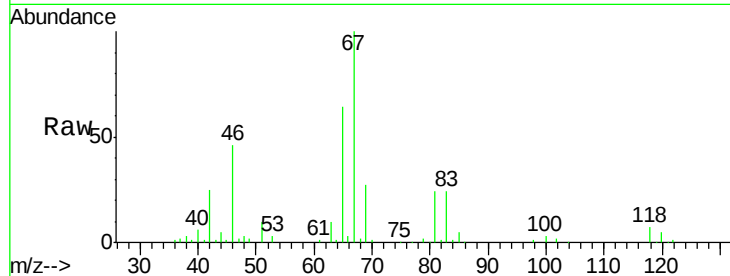




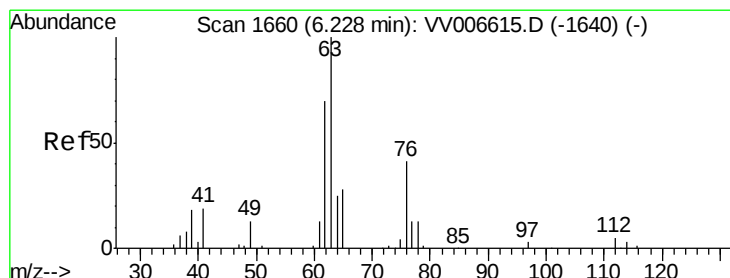
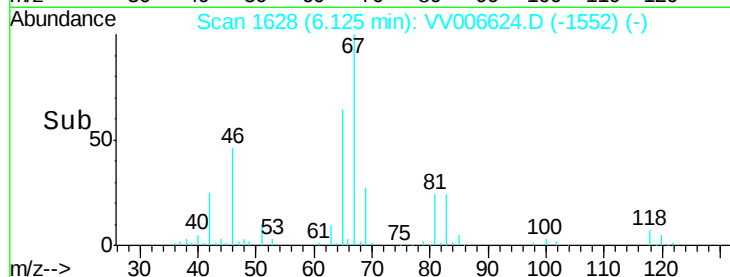
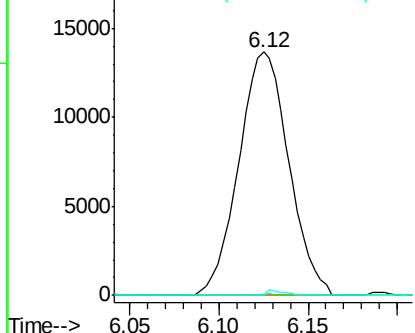
#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006624.D
Acq: 17 Jul 2018 18:38

Instrument :
MSVOA_V
ClientSampleId :
DB1A2

Tgt Ion: 83 Resp: 26679
Ion Ratio Lower Upper
83 100
55 0.1 60.7 91.1#
98 0.7 39.1 58.7#

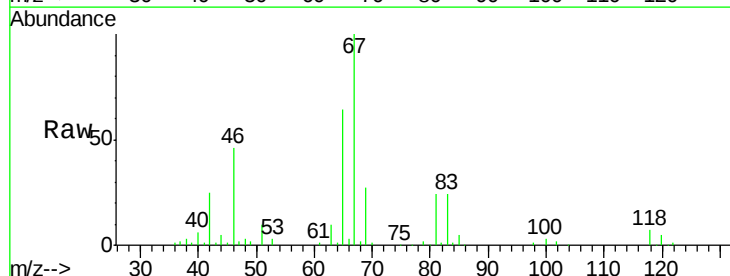


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

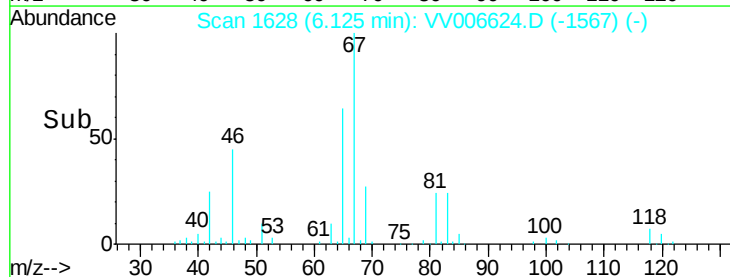
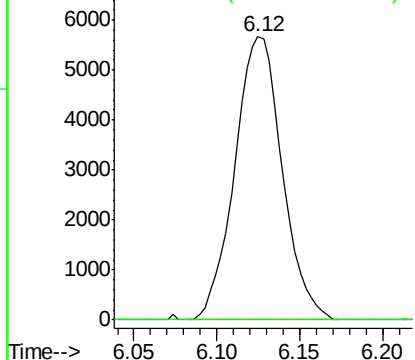


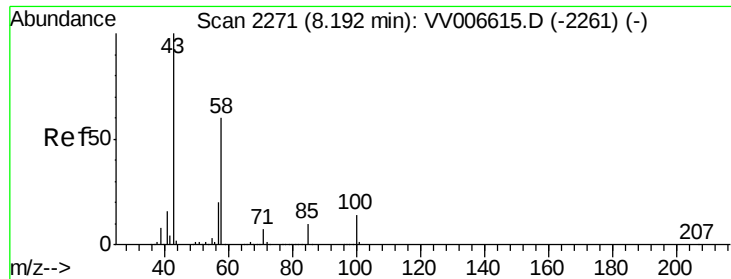
#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006624.D
Acq: 17 Jul 2018 18:38

Tgt Ion: 63 Resp: 11308
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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





#48
 2-Hexanone
 Concen: 2.557 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006624.D
 Acq: 17 Jul 2018 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 DB1A2

Tgt Ion:	43	Resp:	22676
Ion	Ratio	Lower	Upper
43	100		
58	31.0	48.2	72.4#
57	30.3	16.2	24.4#
100	1.6	11.0	16.4#

