

Data File : VV007039.D
Acq On : 16 Aug 2018 13:20
Operator : SY/MD
Sample : J4487-11DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C02Z7DL

Quant Time: Aug 17 01:15:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 17 01:13:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	222394	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67296	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	58857	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	94309	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.97	46	170390	41.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.54%
24) Chloroform-d	4.41	84	132275	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.09	65	67909	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.10	84	260178	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.12	67	86368	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	191028	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.67	79	26694	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.15	63	71946	27.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	54.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60033	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	66475	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

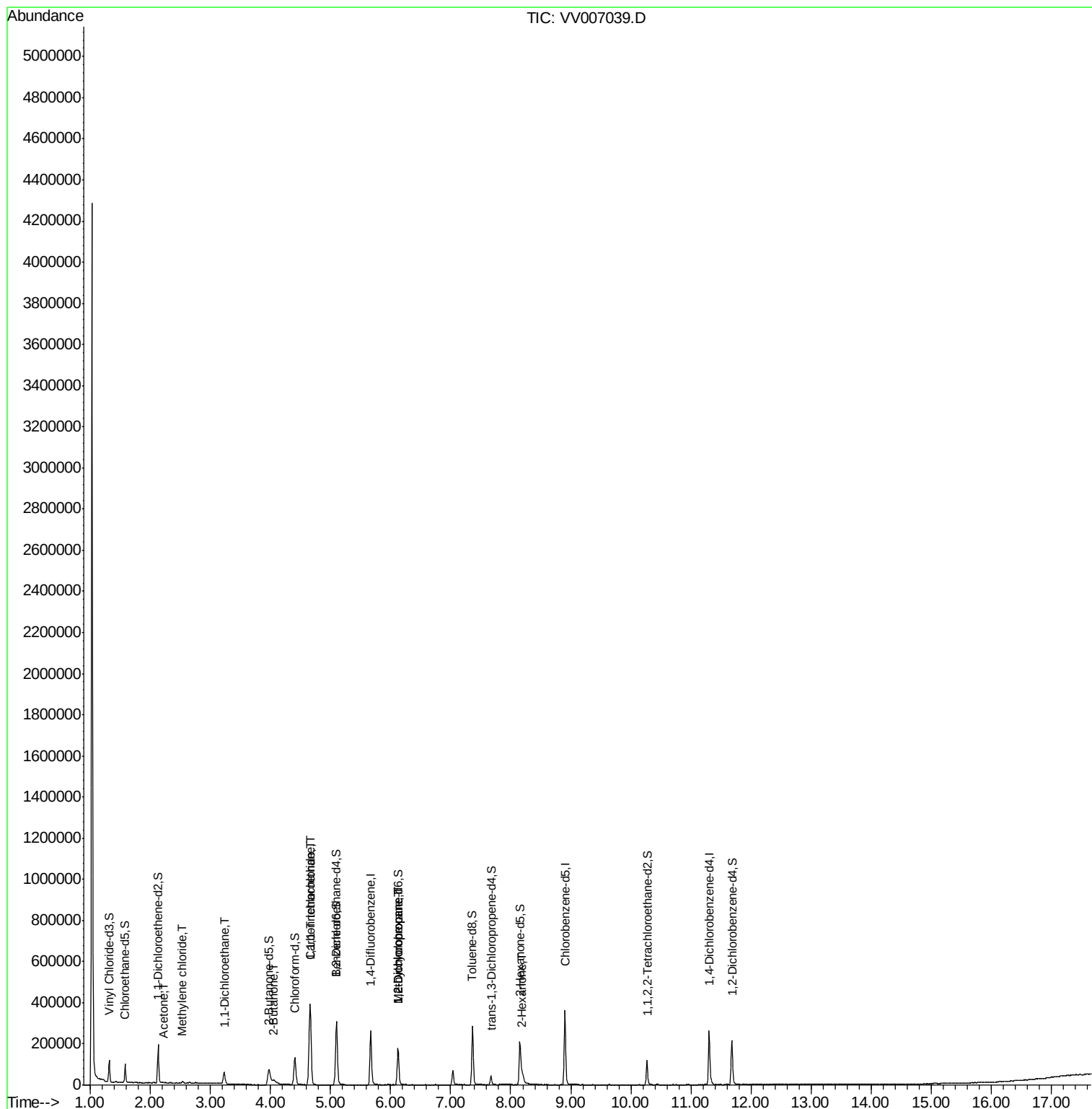
					Qvalue
13) Acetone	2.22	43	516	0.243 ug/L	70
16) Methylene chloride	2.54	84	3855	0.200 ug/L	93
19) 1,1-Dichloroethane	3.23	63	53974	1.748 ug/L	97
21) 2-Butanone	4.06	43	1990	0.431 ug/L #	50
29) 1,1,1-Trichloroethane	4.66	97	315536	11.165 ug/L	99
31) Carbon tetrachloride	4.66	117	42166	1.779 ug/L	98
35) Methylcyclohexane	6.12	83	20567	0.728 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9151	0.455 ug/L #	87
48) 2-Hexanone	8.20	43	19275	2.517 ug/L	92

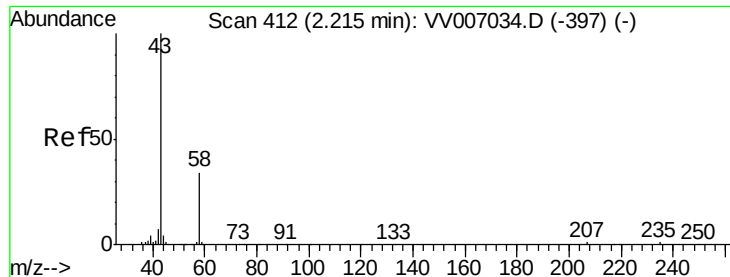
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.243 ug/L

RT: 2.22 min Scan# 413

Delta R.T. 0.01 min

Lab File: VV007039.D

Acq: 16 Aug 2018 13:20

Instrument :

MSVOA_V

ClientSampleId :

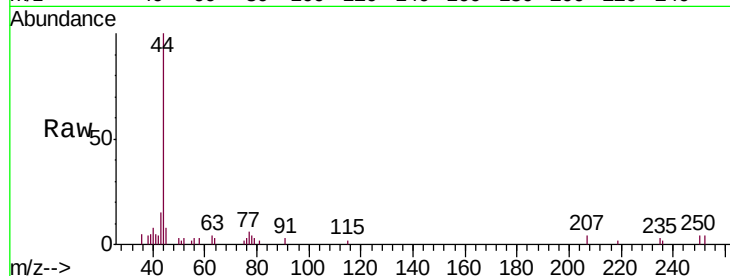
C02Z7DL

Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

58 53.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007034.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007034.D (-397) (-)

2.22

800

600

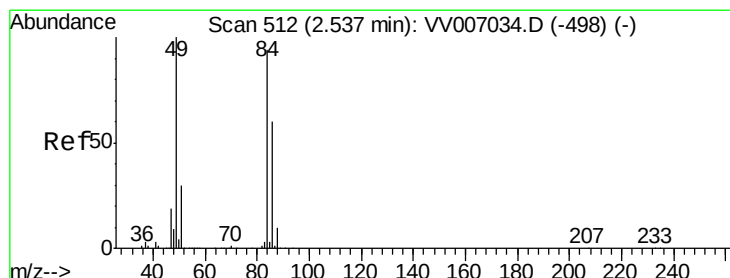
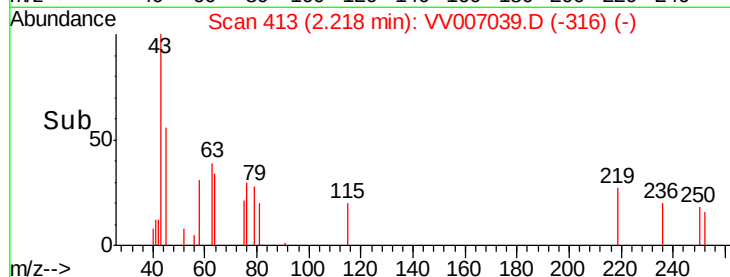
400

200

0

2.20 2.21 2.22 2.23

Time-->



#16

Methylene chloride

Concen: 0.200 ug/L

RT: 2.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: VV007039.D

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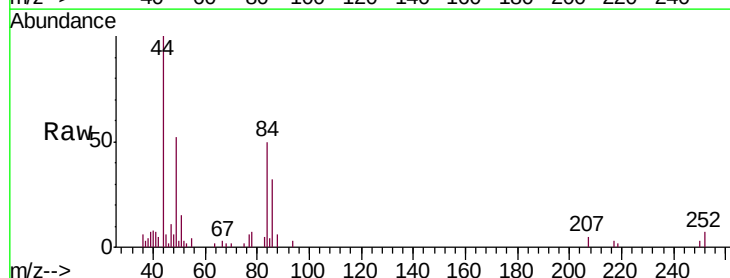
Tgt Ion: 84 Resp: 3855

Ion Ratio Lower Upper

84 100

86 62.7 45.7 84.9

49 102.9 78.8 146.4



Abundance Ion 84.05 (83.75 to 84.75): VV007034.D (-498) (-)

Ion 86.00 (85.70 to 86.70): VV007034.D (-498) (-)

Ion 49.10 (48.80 to 49.80): VV007034.D (-498) (-)

3000

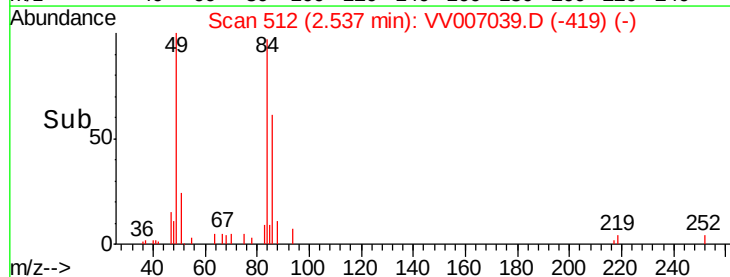
2000

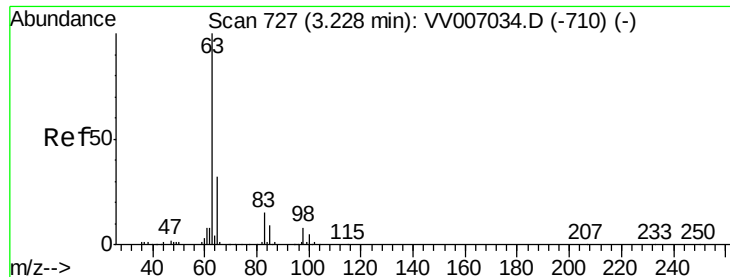
1000

0

2.50 2.55

Time-->





#19

1,1-Dichloroethane

Concen: 1.748 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007039.D

Acq: 16 Aug 2018 13:20

Instrument :

MSVOA_V

ClientSampleId :

C02Z7DL

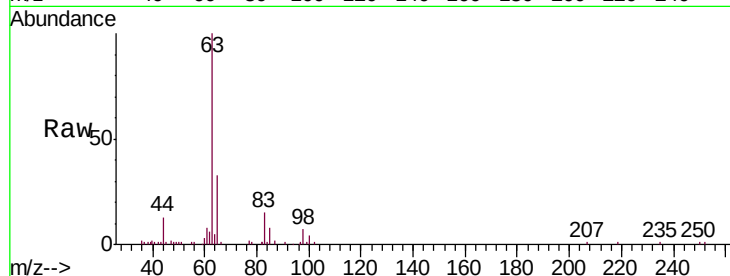
Tgt Ion: 63 Resp: 53974

Ion Ratio Lower Upper

63 100

65 33.1 21.7 40.3

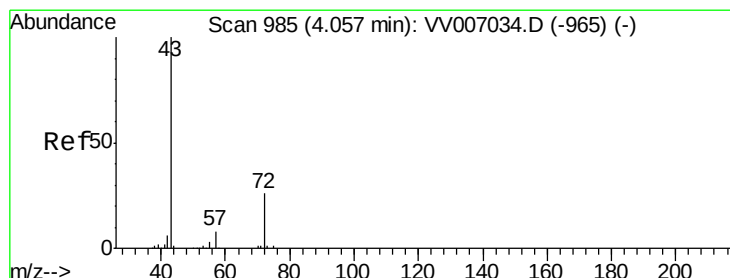
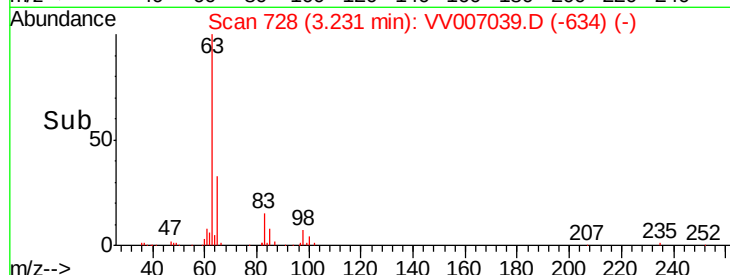
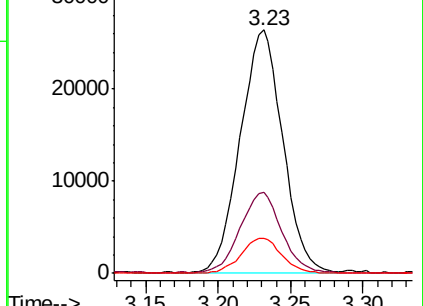
83 14.6 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV007039.D (-634) (-)

Ion 65.10 (64.80 to 65.80): VV007039.D (-634) (-)

Ion 83.05 (82.75 to 83.75): VV007039.D (-634) (-)



#21

2-Butanone

Concen: 0.431 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.01 min

Lab File: VV007039.D

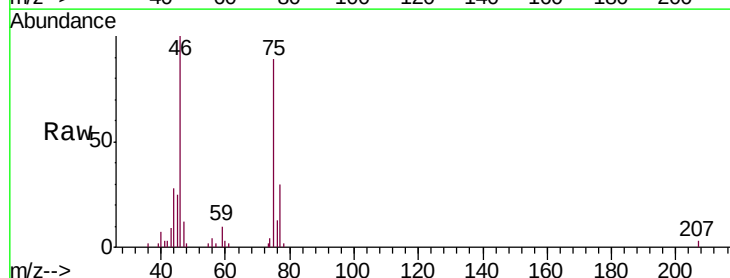
Acq: 16 Aug 2018 13:20

Tgt Ion: 43 Resp: 1990

Ion Ratio Lower Upper

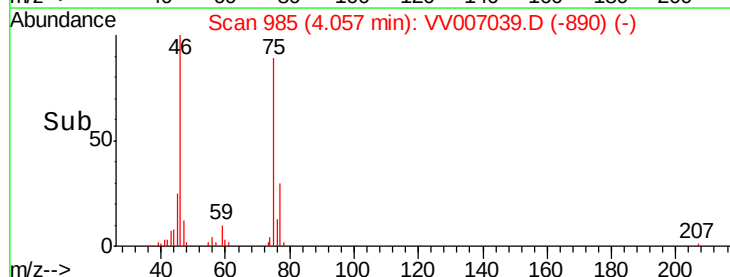
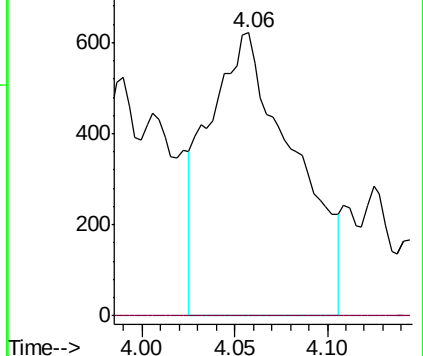
43 100

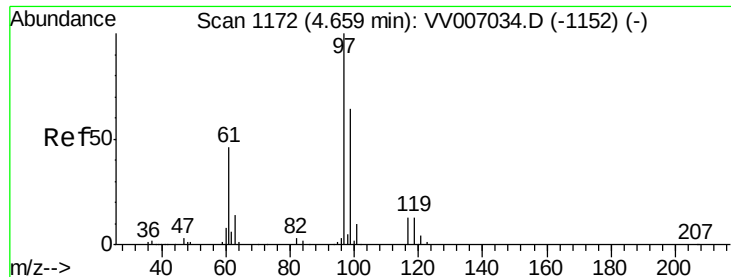
72 0.0 12.4 37.2#



Abundance Ion 43.05 (42.75 to 43.75): VV007039.D (-890) (-)

Ion 72.10 (71.80 to 72.80): VV007039.D (-890) (-)

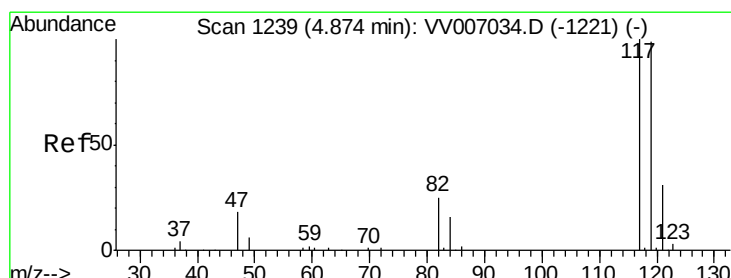
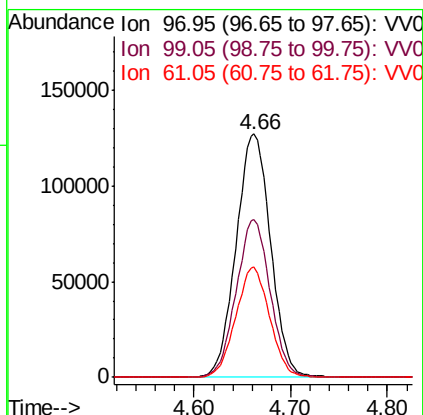
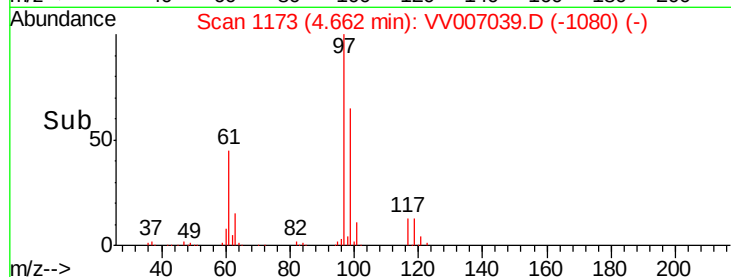
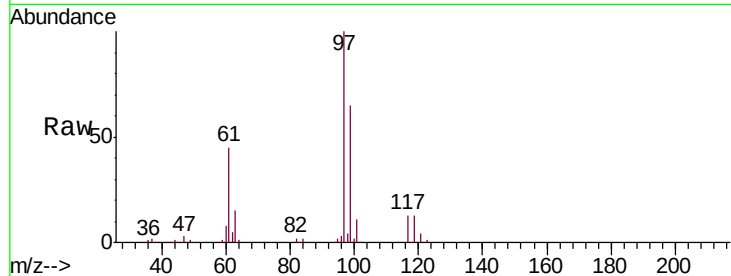




#29
 1,1,1-Trichloroethane
 Concen: 11.165 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007039.D
 Acq: 16 Aug 2018 13:20

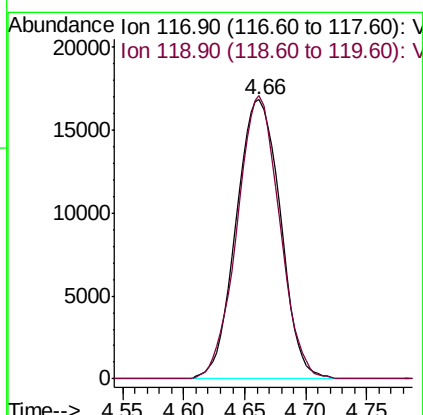
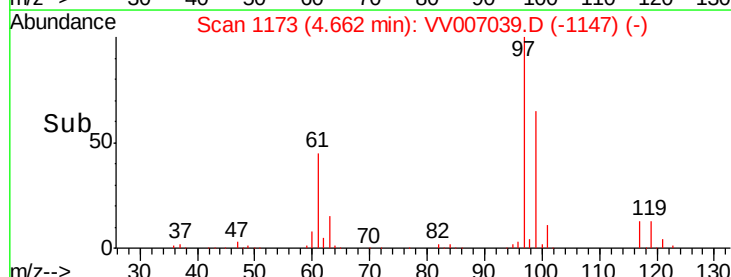
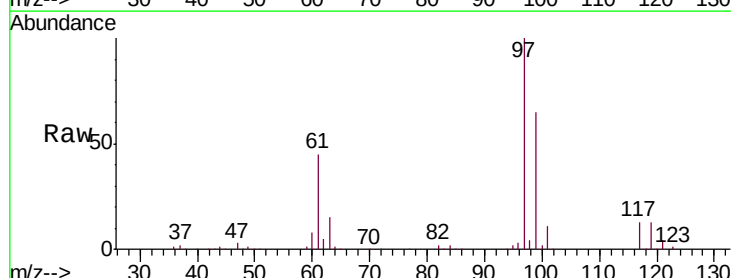
Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z7DL

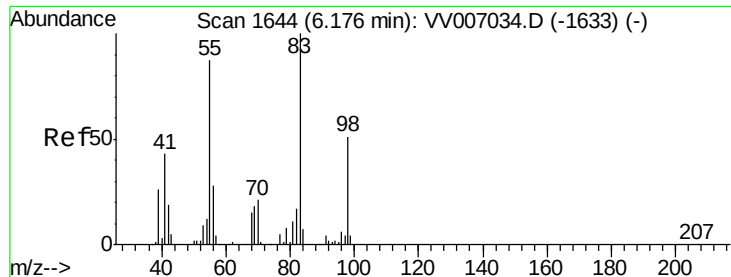
Tgt Ion: 97 Resp: 315536
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.0 76.6
 61 44.4 36.6 54.8



#31
 Carbon tetrachloride
 Concen: 1.779 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007039.D
 Acq: 16 Aug 2018 13:20

Tgt Ion: 117 Resp: 42166
 Ion Ratio Lower Upper
 117 100
 119 97.6 76.2 114.4

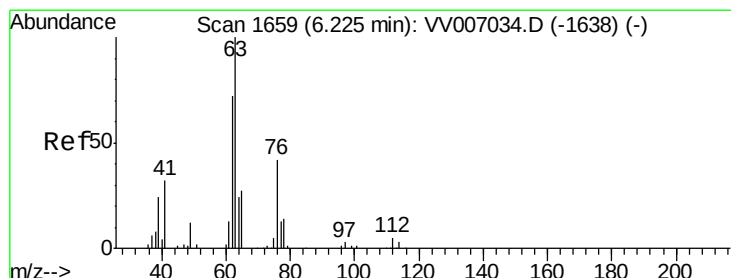
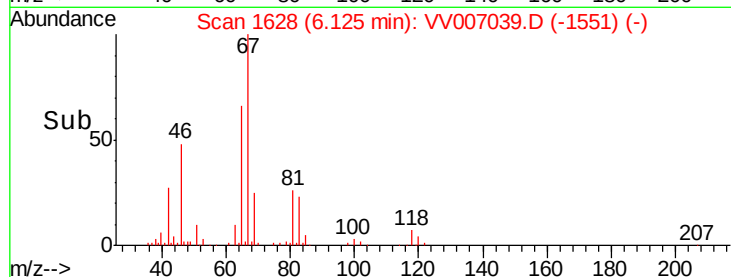
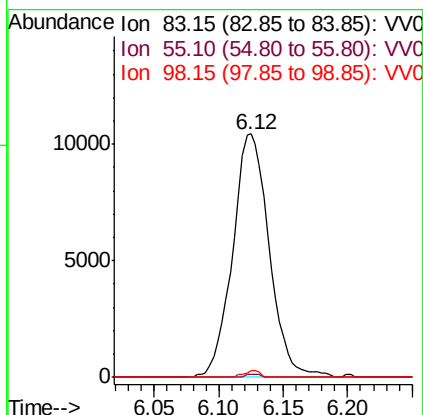
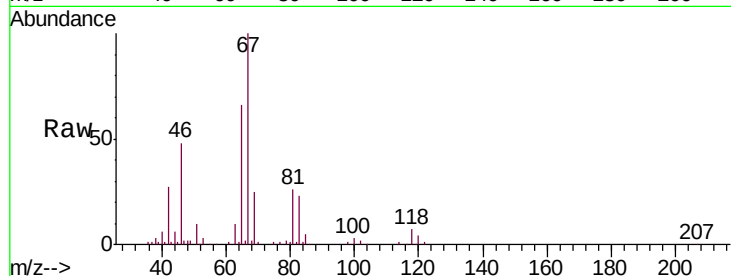




#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007039.D
Acq: 16 Aug 2018 13:20

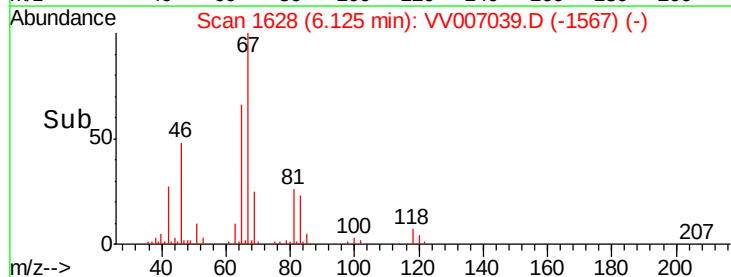
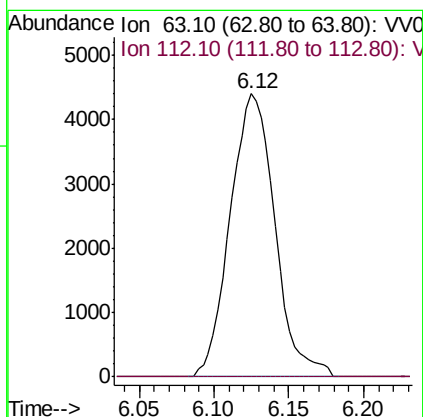
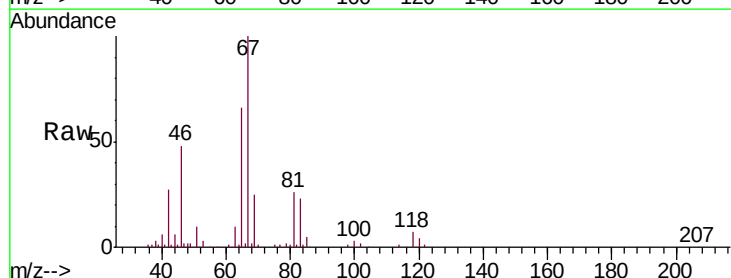
Instrument :
MSVOA_V
ClientSampled :
C02Z7DL

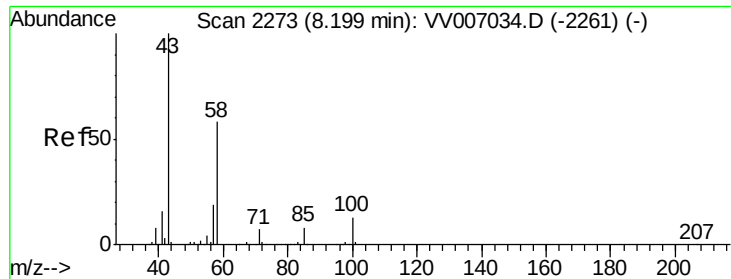
Tgt Ion: 83 Resp: 20567
Ion Ratio Lower Upper
83 100
55 0.5 68.1 102.1#
98 1.1 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.455 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007039.D
Acq: 16 Aug 2018 13:20

Tgt Ion: 63 Resp: 9151
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#48
 2-Hexanone
 Concen: 2.517 ug/L
 RT: 8.20 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: VV007039.D
 Acq: 16 Aug 2018 13:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z7DL

Tgt Ion:	43	Resp:	19275
Ion	Ratio	Lower	Upper
43	100		
58	47.9	44.2	66.2
57	19.6	14.8	22.2
100	9.7	8.8	13.2

