

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006791.D
 Acq On : 31 Jul 2018 17:38
 Operator : SY/MD
 Sample : J4225-22
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 01 01:46:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 01:43:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205937	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47280	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	43548	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	65605	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.95	46	171088	51.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.18%
24) Chloroform-d	4.40	84	106932	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.09	65	54340	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.10	84	208660	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	71501	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.36	98	170198	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.67	79	21535	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.14	63	136112	49.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	56529	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	68289	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

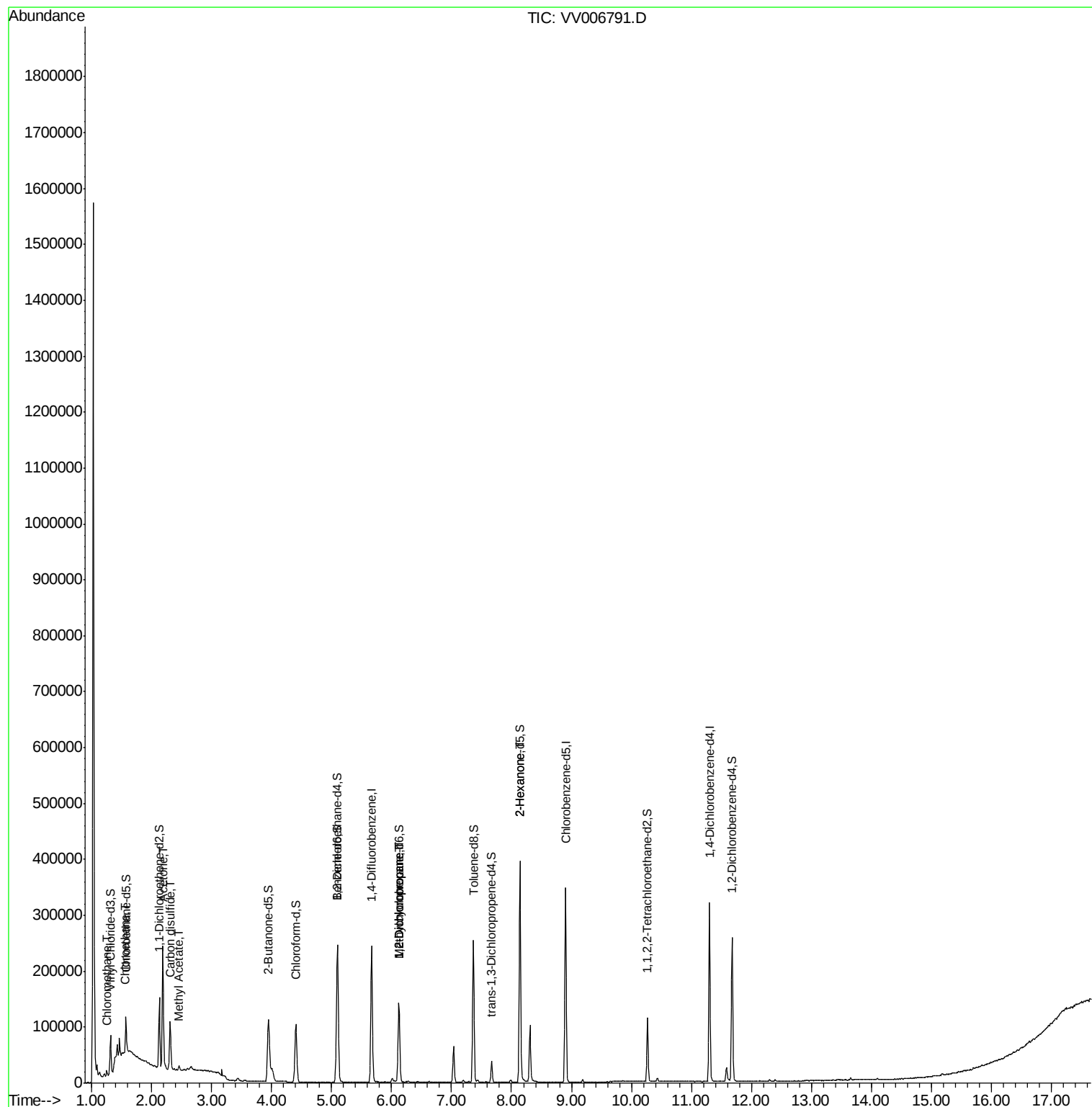
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	8359	0.531	ug/L	99
8) Chloroethane	1.56	64	40640	3.768	ug/L #	53
13) Acetone	2.19	43	206018	96.689	ug/L	99
14) Carbon disulfide	2.32	76	9539	0.210	ug/L #	77
15) Methyl Acetate	2.46	43	7513	1.189	ug/L	100
35) Methylcyclohexane	6.12	83	16943	0.695	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7525	0.507	ug/L #	86
48) 2-Hexanone	8.14	43	15572	2.735	ug/L #	65

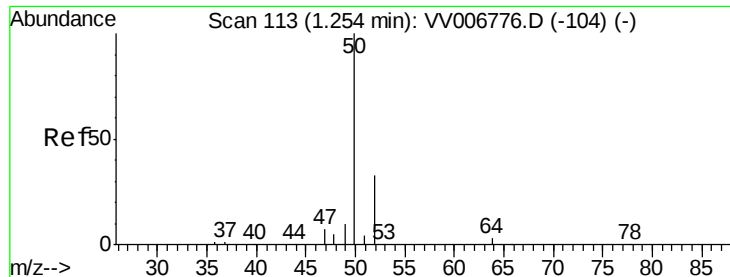
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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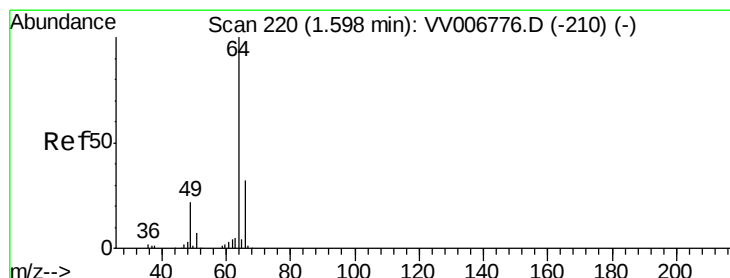
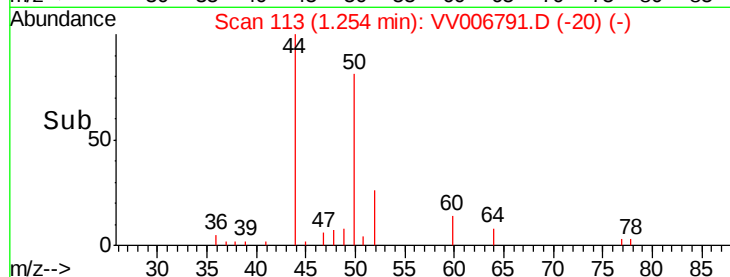
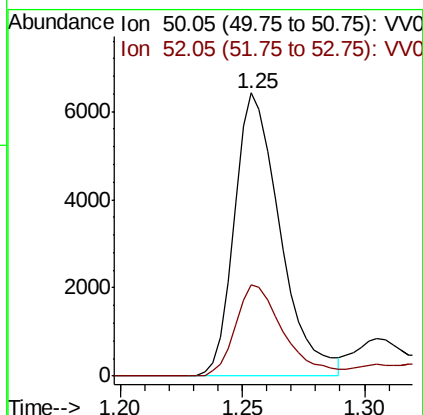
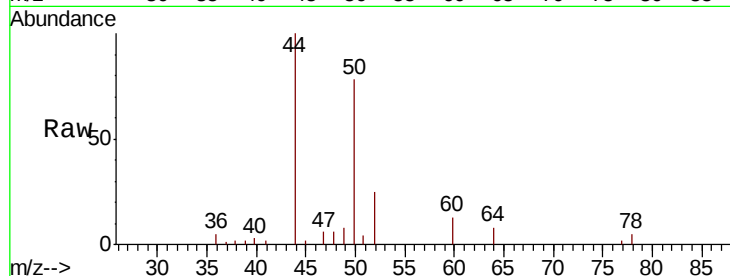




#3
Chloromethane
Concen: 0.531 ug/L
RT: 1.25 min Scan# 113
Delta R.T. -0.00 min
Lab File: VV006791.D
Acq: 31 Jul 2018 17:38

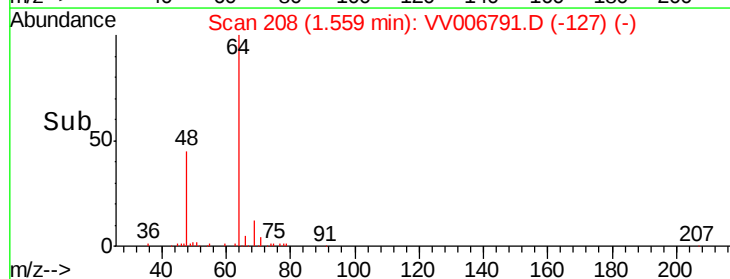
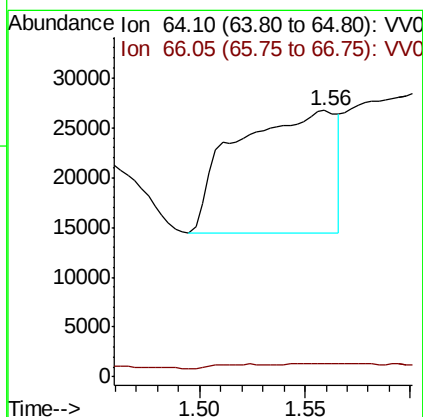
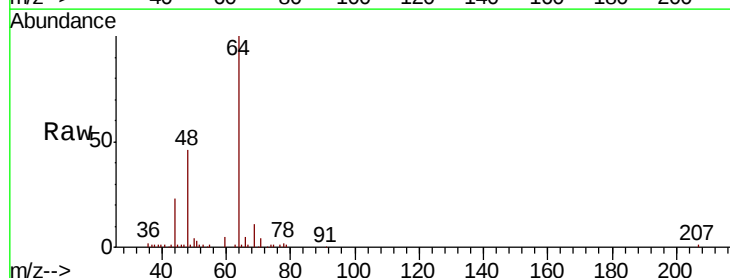
Instrument :
MSVOA_V
ClientSampleId :

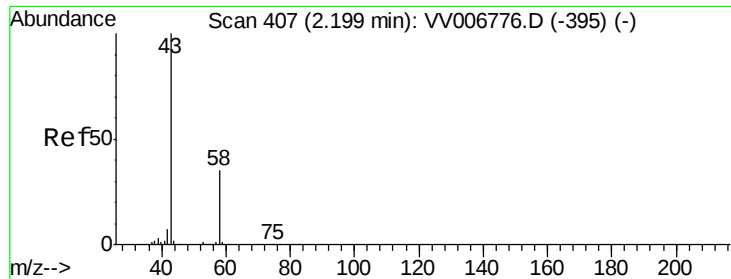
Tot Ion: 50 Resp: 8359
Ion Ratio Lower Upper
50 100
52 32.1 22.1 41.1



#8
Chloroethane
Concen: 3.768 ug/L
RT: 1.56 min Scan# 208
Delta R.T. -0.04 min
Lab File: VV006791.D
Acq: 31 Jul 2018 17:38

Tgt Ion: 64 Resp: 40640
Ion Ratio Lower Upper
64 100
66 5.1 21.8 40.4#





#13

Acetone

Concen: 96.689 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.01 min

Lab File: VV006791.D

Acq: 31 Jul 2018 17:38

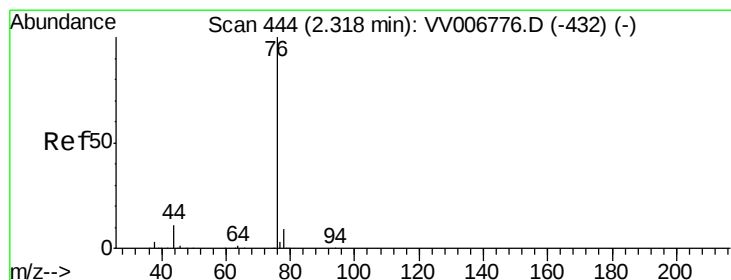
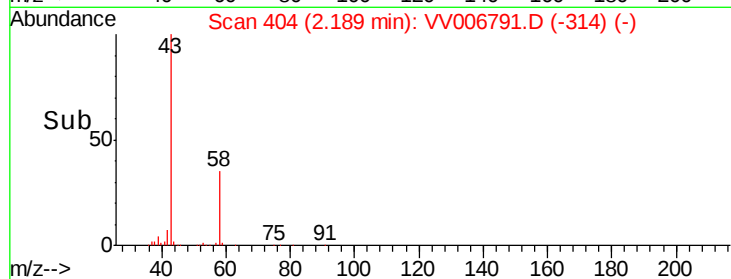
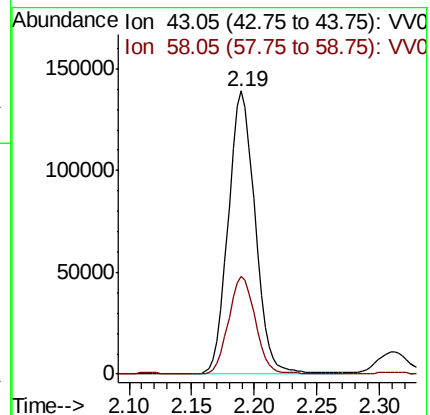
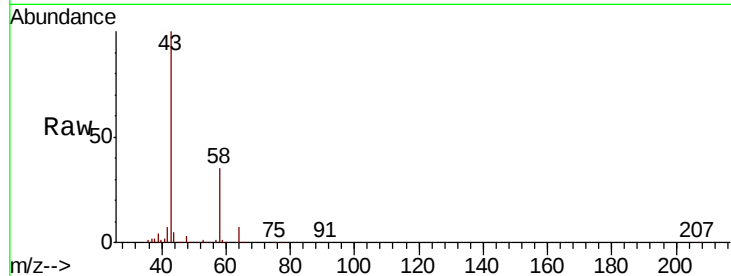
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 206018

Ion Ratio Lower Upper

43 100

58 34.8 0.0 71.4



#14

Carbon disulfide

Concen: 0.210 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006791.D

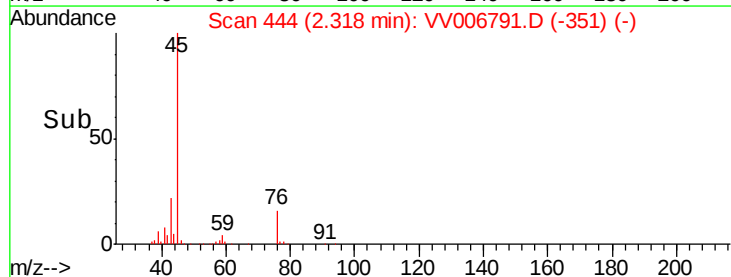
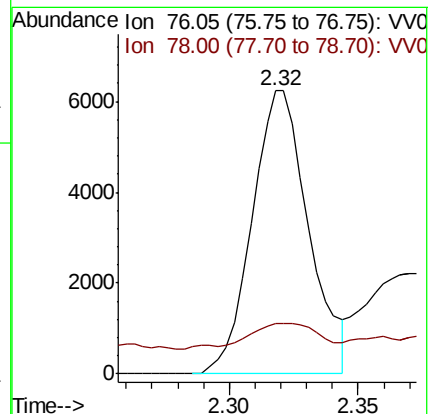
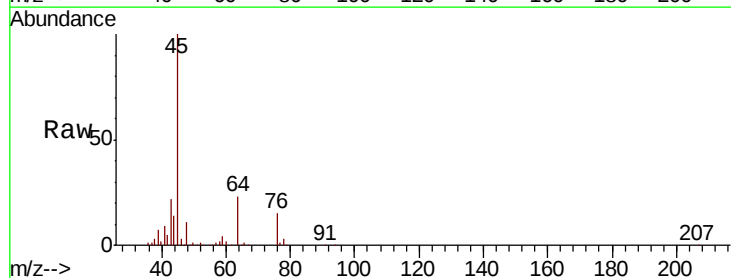
Acq: 31 Jul 2018 17:38

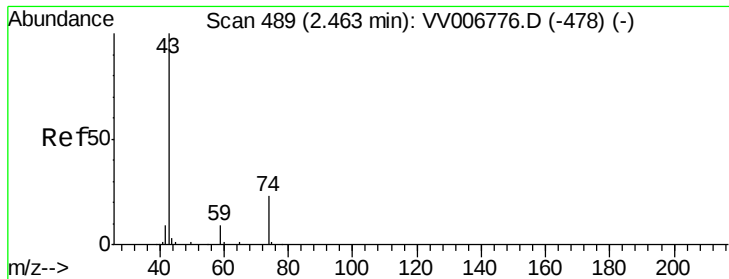
Tgt Ion: 76 Resp: 9539

Ion Ratio Lower Upper

76 100

78 17.7 7.4 11.2#





#15

Methvl Acetate

Concen: 1.189 ug/L

RT: 2.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: VV006791.D

Acq: 31 Jul 2018 17:38

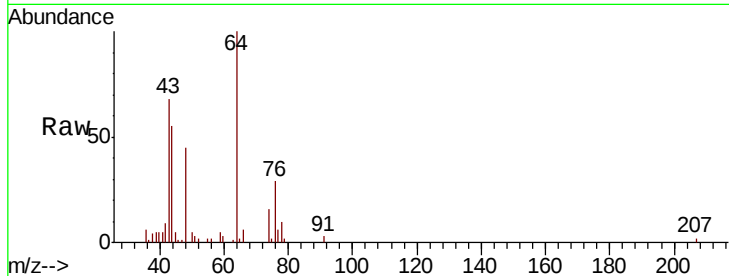
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7513

Ion Ratio Lower Upper

43 100

74 25.9 20.6 31.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.46

5000

4000

3000

2000

1000

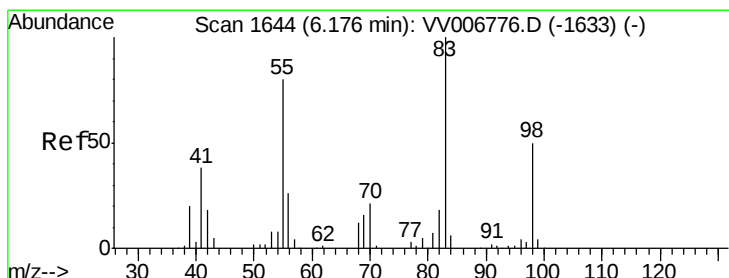
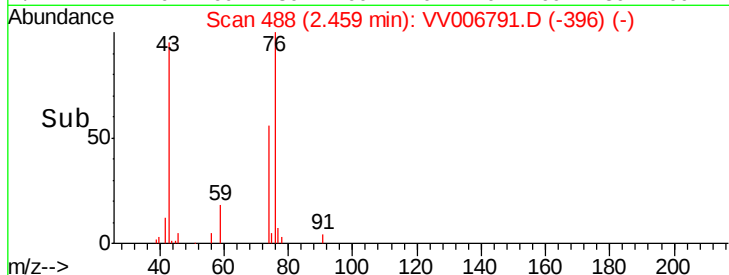
0

Time-->

2.40

2.45

2.50



#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006791.D

Acq: 31 Jul 2018 17:38

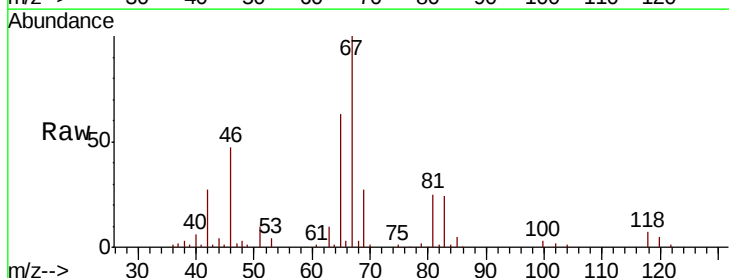
Tgt Ion: 83 Resp: 16943

Ion Ratio Lower Upper

83 100

55 0.4 61.9 92.9#

98 0.1 39.7 59.5#



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

12000

10000

8000

6000

4000

2000

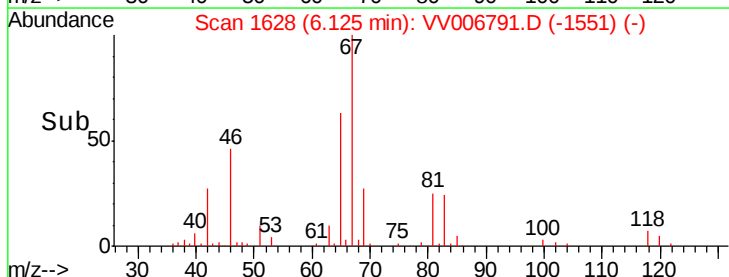
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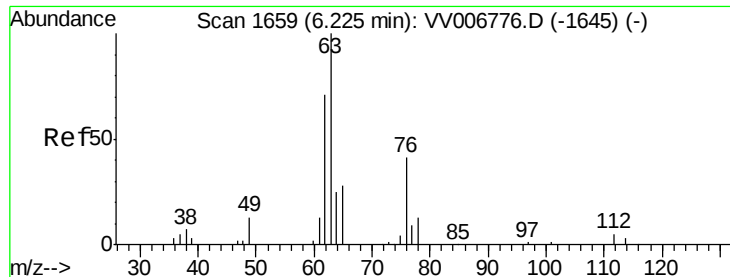
Time-->

6.05

6.10

6.15





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006791.D

Acq: 31 Jul 2018 17:38

Instrument :

MSVOA_V

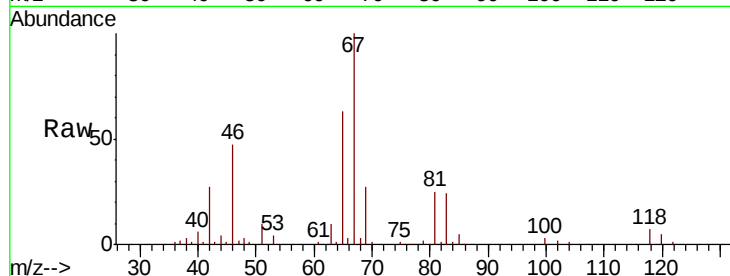
ClientSampleId :

Tot Ion: 63 Resp: 7525

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

6.12

4000

3000

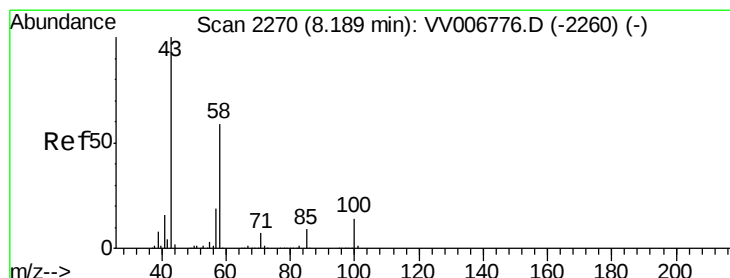
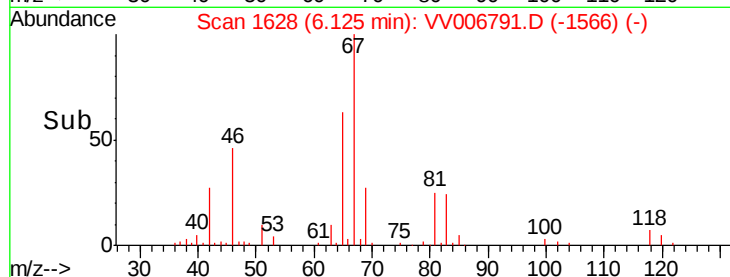
2000

1000

0

6.05 6.10 6.15

Time-->



#48

2-Hexanone

Concen: 2.735 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV006791.D

Acq: 31 Jul 2018 17:38

Tgt Ion: 43 Resp: 15572

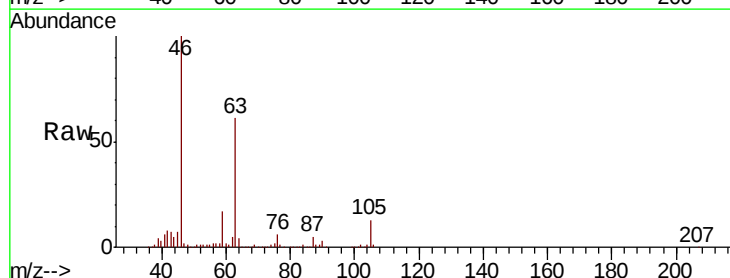
Ion Ratio Lower Upper

43 100

58 29.5 47.2 70.8#

57 32.2 16.1 24.1#

100 1.0 11.1 16.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8.14

10000

5000

0

8.10 8.15 8.20

Time-->

