

Data File : VV008231.D
Acq On : 10 Oct 2018 13:37
Operator : SY/MD
Sample : J5315-20
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JB1

Quant Time: Oct 11 02:01:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	83795	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20432	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.59	69	17890	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.14	63	30597	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.96	46	65343	52.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.60%
24) Chloroform-d	4.41	84	48600	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.09	65	25208	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	91667	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	30542	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	77391	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.67	79	9386	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.14	63	35918	39.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19844	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	33038	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

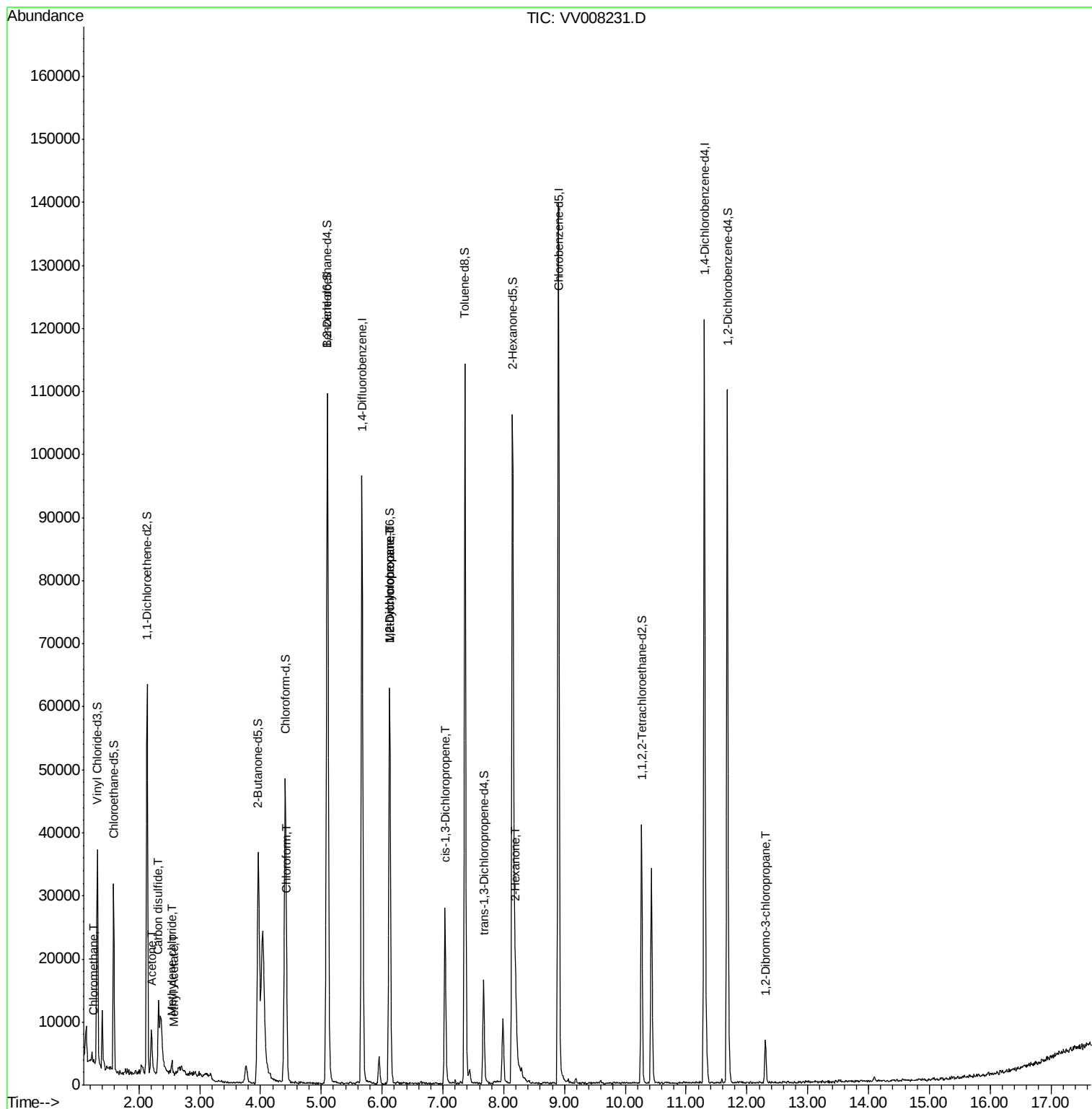
					Qvalue
3) Chloromethane	1.26	50	388	0.081 ug/L	92
13) Acetone	2.21	43	8388	10.004 ug/L	99
14) Carbon disulfide	2.32	76	11640	1.008 ug/L	99
15) Methyl Acetate	2.57	43	276	0.139 ug/L #	53
16) Methylene chloride	2.54	84	750	0.136 ug/L	88
25) Chloroform	4.44	83	1000	0.099 ug/L	85
35) Methylcyclohexane	6.12	83	6918	0.834 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3315	0.604 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	801	0.114 ug/L #	42
48) 2-Hexanone	8.20	43	9951	4.709 ug/L #	89
66) 1,2-Dibromo-3-chloropropan	12.31	75	116	0.205 ug/L #	1

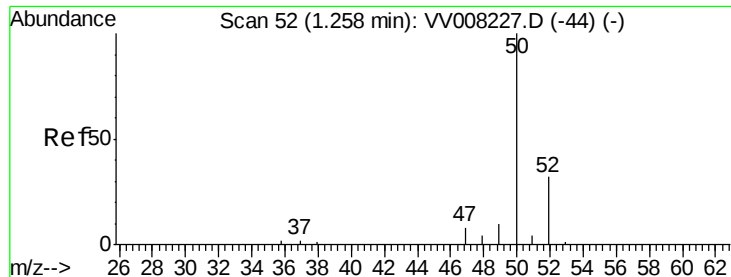
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

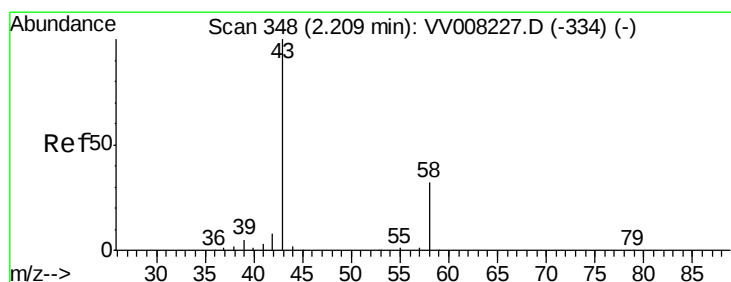
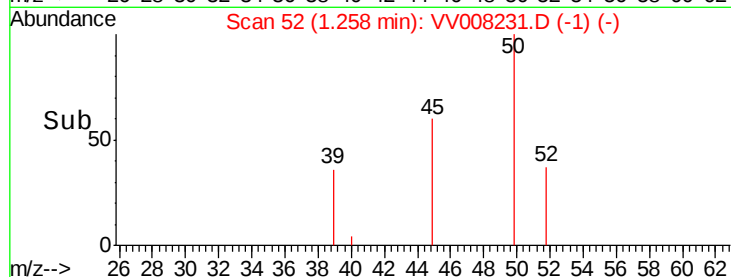
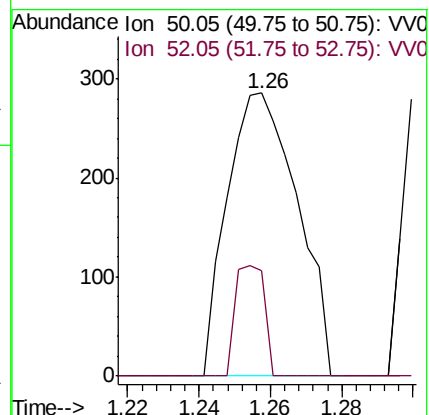
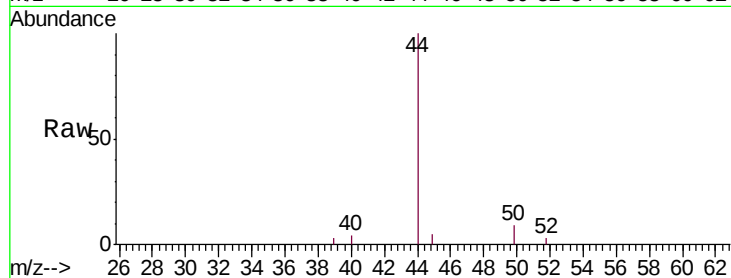
C0JB1

Tgt Ion: 50 Resp: 388

Ion Ratio Lower Upper

50 100

52 37.1 22.9 42.5



#13

Acetone

Concen: 10.004 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

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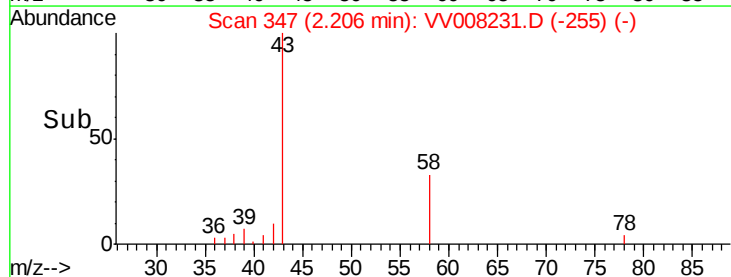
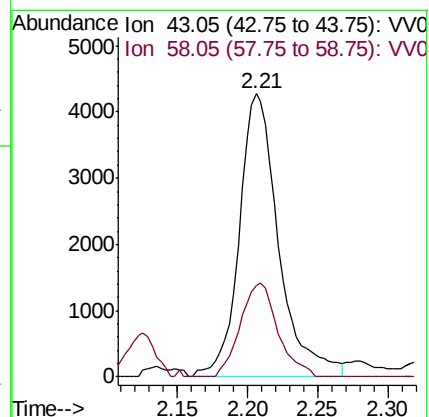
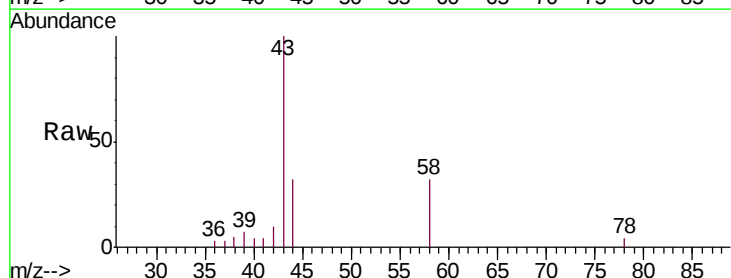
Acq: 10 Oct 2018 13:37

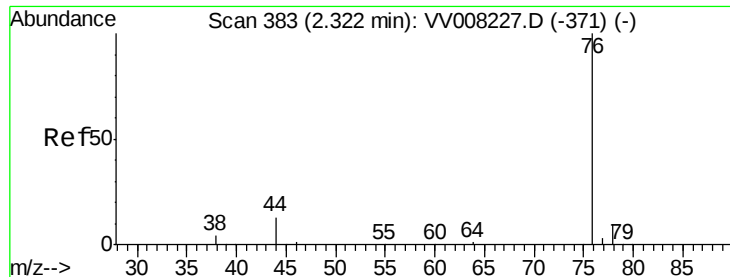
Tgt Ion: 43 Resp: 8388

Ion Ratio Lower Upper

43 100

58 31.6 0.0 62.2





#14

Carbon disulfide

Concen: 1.008 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008231.D

Acq: 10 Oct 2018 13:37

Instrument :

MSVOA_V

ClientSampleId :

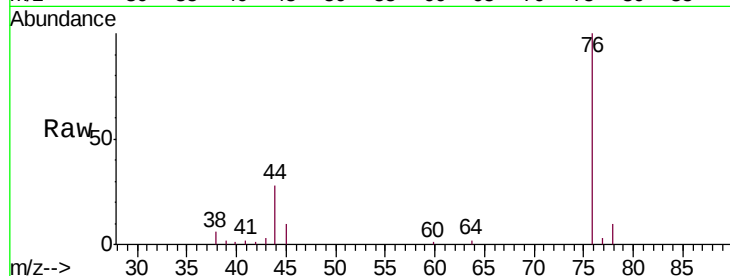
C0JB1

Tgt Ion: 76 Resp: 11640

Ion Ratio Lower Upper

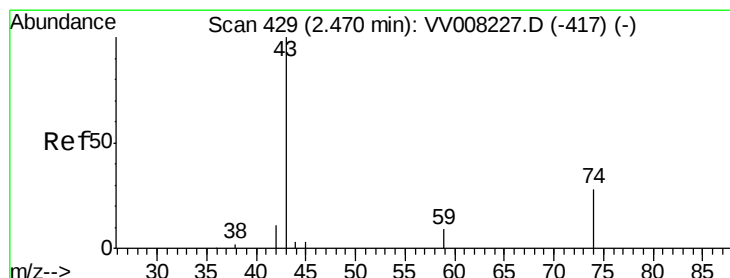
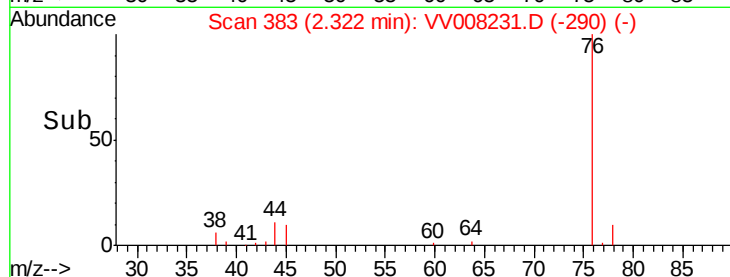
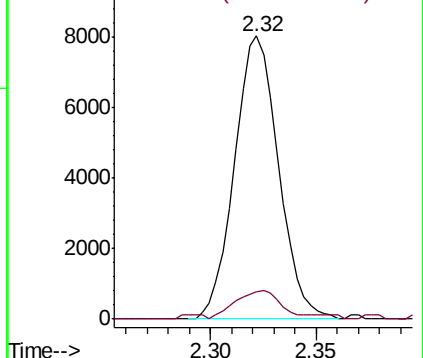
76 100

78 9.7 8.0 12.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.139 ug/L

RT: 2.57 min Scan# 461

Delta R.T. 0.10 min

Lab File: VV008231.D

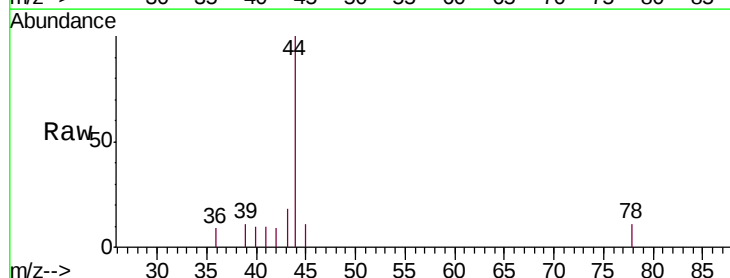
Acq: 10 Oct 2018 13:37

Tgt Ion: 43 Resp: 276

Ion Ratio Lower Upper

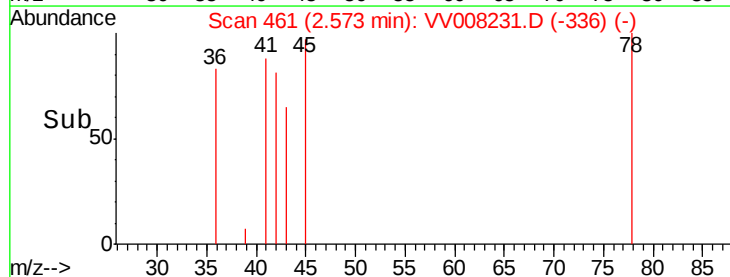
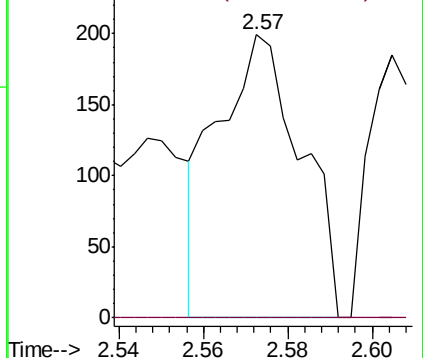
43 100

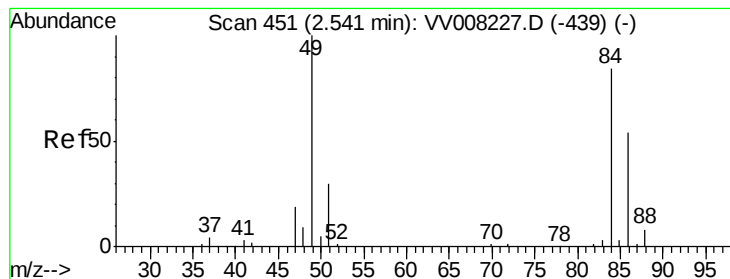
74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#16

Methylene chloride

Concen: 0.136 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008231.D

Acq: 10 Oct 2018 13:37

Instrument :

MSVOA_V

ClientSampleId :

C0JB1

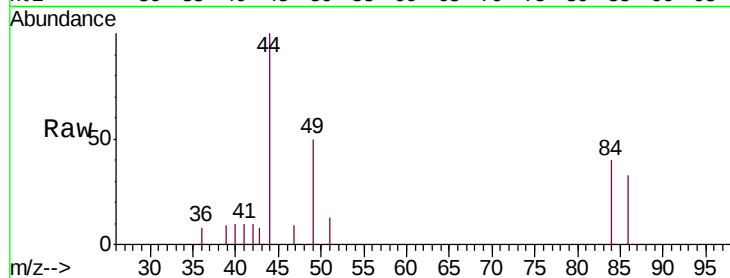
Tgt Ion: 84 Resp: 750

Ion Ratio Lower Upper

84 100

86 83.2 45.3 84.1

49 125.0 83.0 154.1

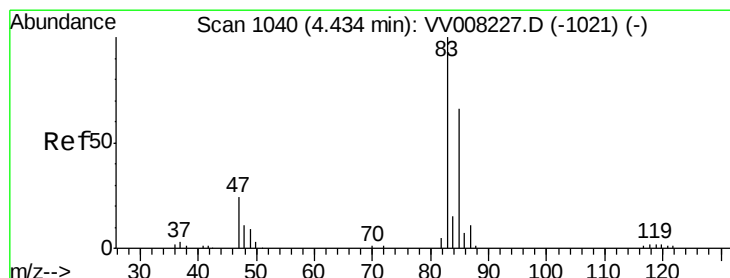
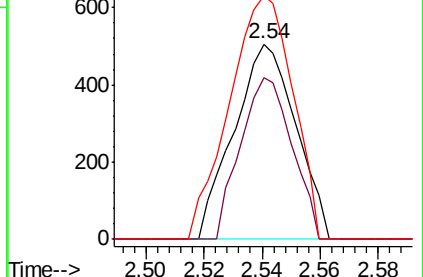
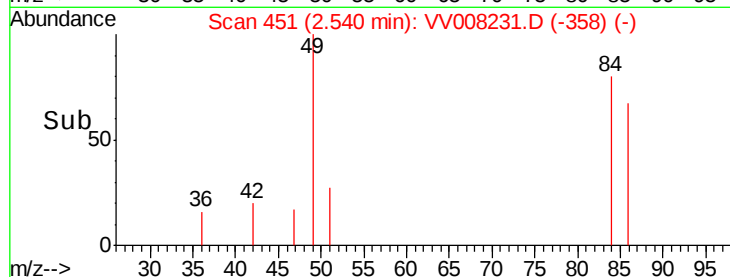


Abundance Ion 84.05 (83.75 to 84.75): VV008231.D (-358) (-)

Ion 86.00 (85.70 to 86.70): VV008231.D (-358) (-)

Ion 49.10 (48.80 to 49.80): VV008231.D (-358) (-)

Time-->



#25

Chloroform

Concen: 0.099 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV008231.D

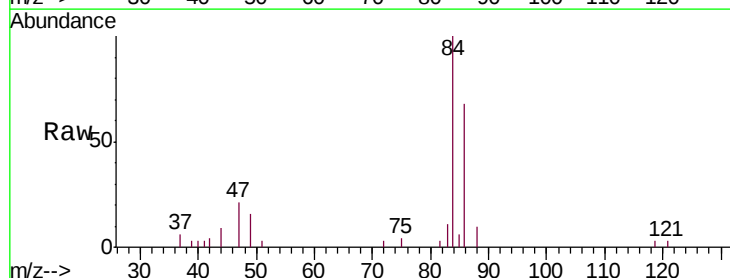
Acq: 10 Oct 2018 13:37

Tgt Ion: 83 Resp: 1000

Ion Ratio Lower Upper

83 100

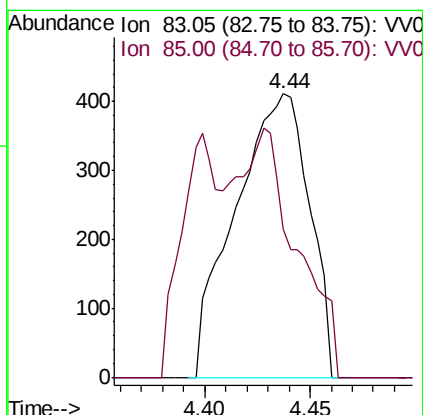
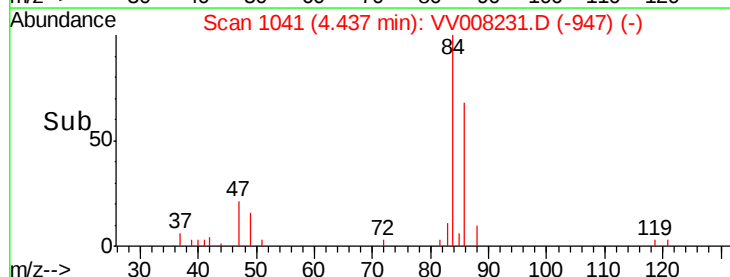
85 52.3 44.6 82.8

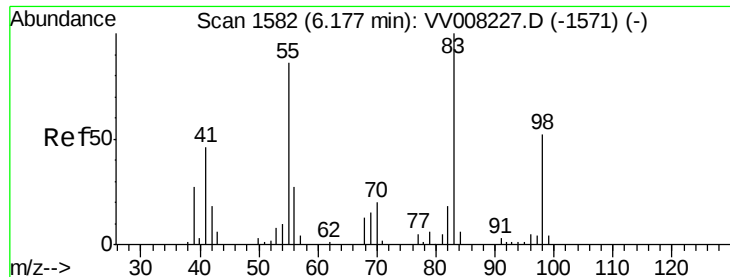


Abundance Ion 83.05 (82.75 to 83.75): VV008231.D (-947) (-)

Ion 85.00 (84.70 to 85.70): VV008231.D (-947) (-)

Time-->

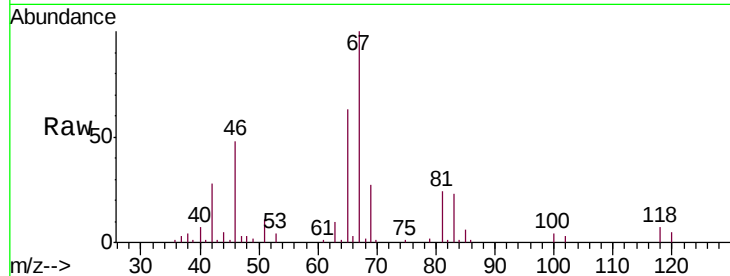




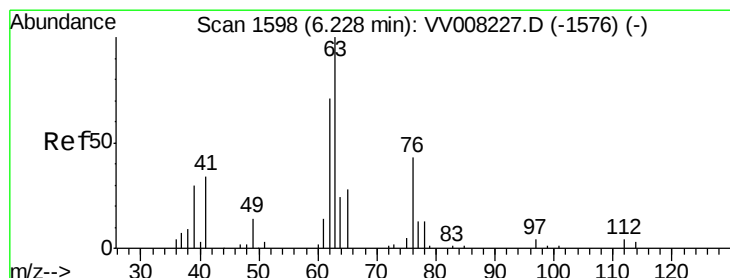
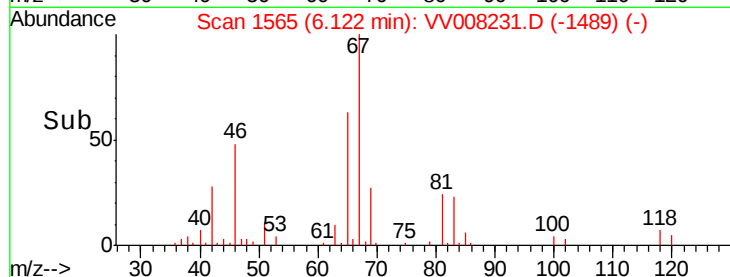
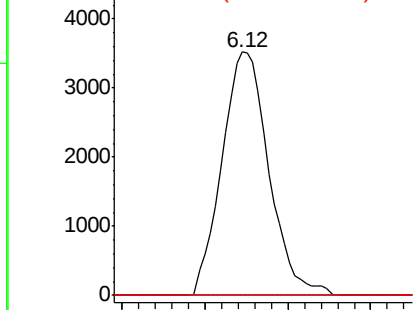
#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008231.D
Acq: 10 Oct 2018 13:37

Instrument :
MSVOA_V
ClientSampleId :
C0JB1

Tgt Ion: 83 Resp: 6918
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 5.2 38.3 57.5#

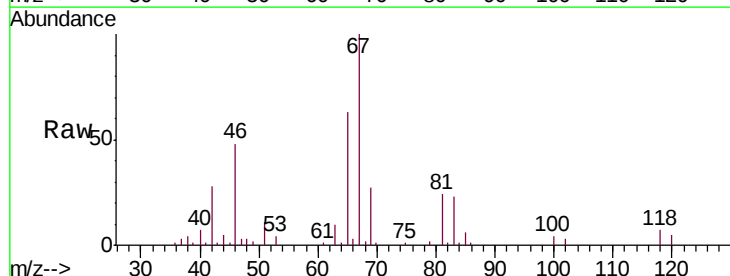


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

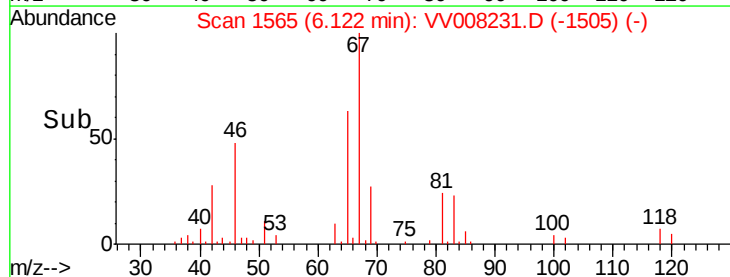
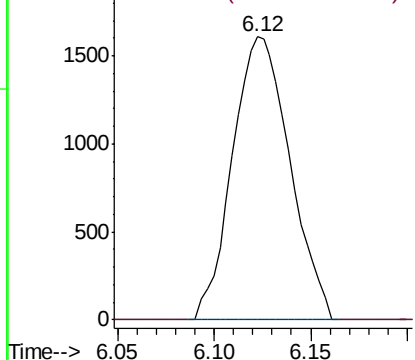


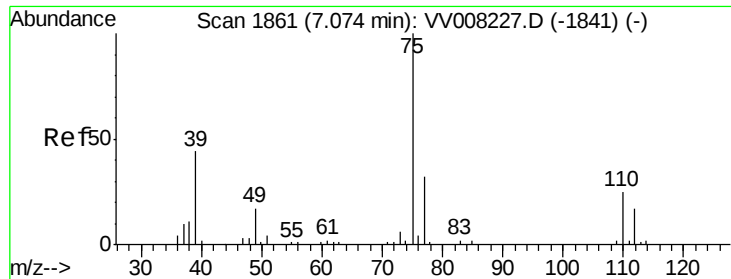
#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV008231.D
Acq: 10 Oct 2018 13:37

Tgt Ion: 63 Resp: 3315
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

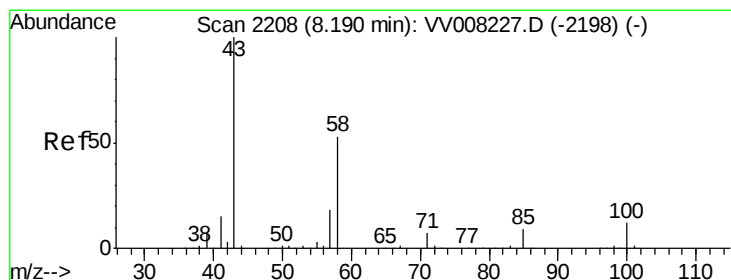
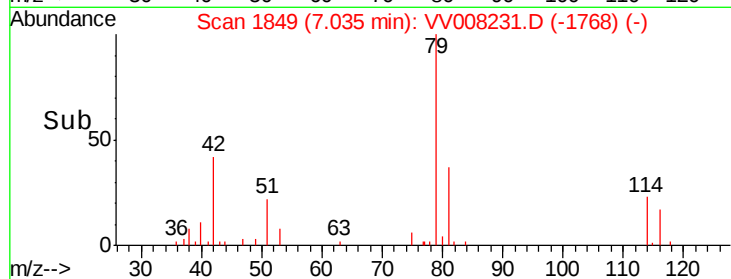
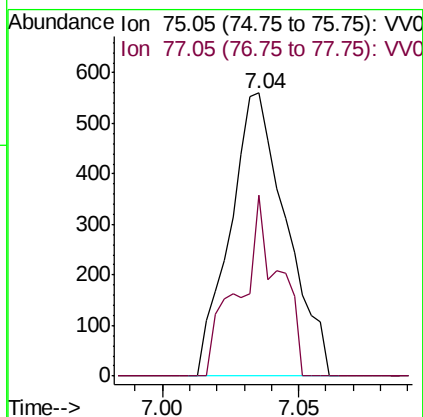
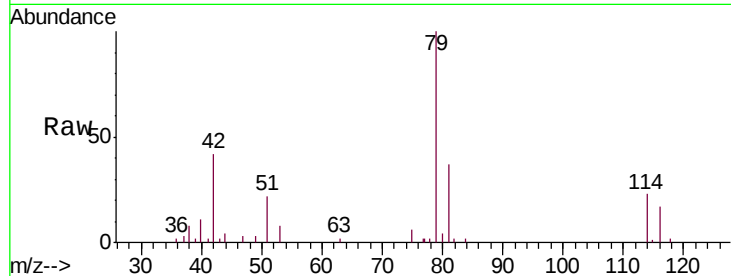




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008231.D
 Acq: 10 Oct 2018 13:37

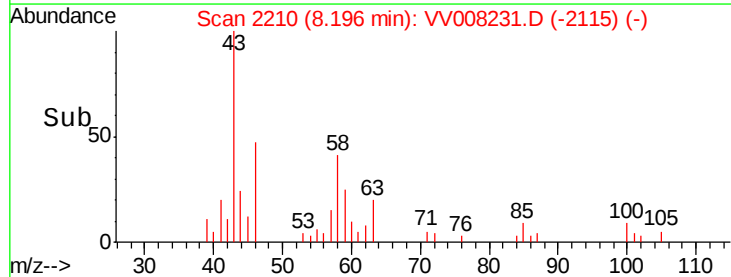
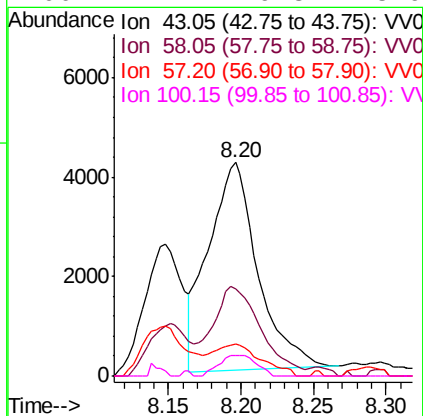
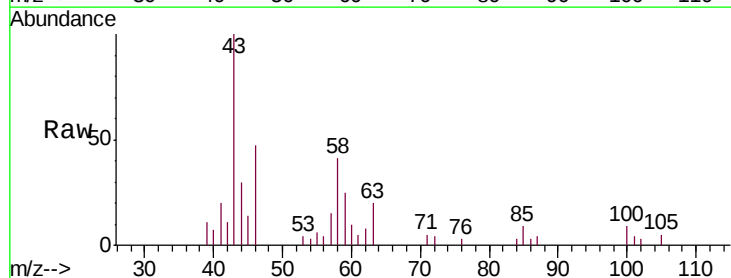
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 C0JB1

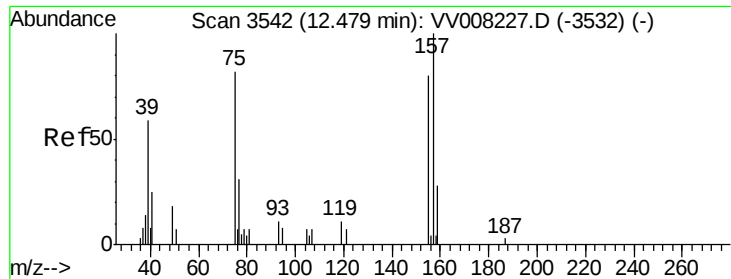
Tgt Ion: 75 Resp: 801
 Ion Ratio Lower Upper
 75 100
 77 63.7 22.1 41.1#



#48
 2-Hexanone
 Concen: 4.709 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VV008231.D
 Acq: 10 Oct 2018 13:37

Tgt Ion: 43 Resp: 9951
 Ion Ratio Lower Upper
 43 100
 58 42.5 40.5 60.7
 57 15.0 14.6 22.0
 100 7.4 9.3 13.9#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.205 ug/L

RT: 12.31 min Scan# 3489

Delta R.T. -0.17 min

Lab File: VV008231.D

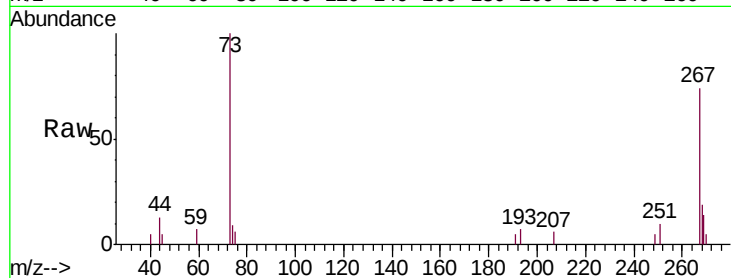
Acq: 10 Oct 2018 13:37

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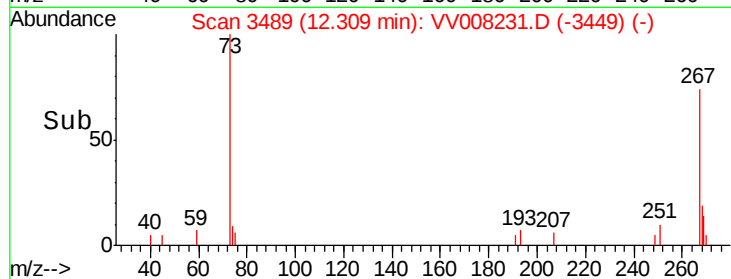
Tgt Ion: 75 Resp: 116

Ion Ratio Lower Upper

75 100

155 0.0 74.7 112.1#

157 0.0 93.1 139.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

