

Data File : VV008237.D
Acq On : 10 Oct 2018 17:00
Operator : SY/MD
Sample : J5315-02DL 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J93DL

Quant Time: Oct 11 02:02:23 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	78194	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75189	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31287	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19235	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	16169	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.13	63	28339	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.97	46	66556	57.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.28%
24) Chloroform-d	4.41	84	47542	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	23829	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	89583	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.13	67	29697	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	72350	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.67	79	9320	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	36480	43.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20435	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	29213	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	17596	3.537 ug/L	99
8) Chloroethane	1.32	64	5842	1.757 ug/L #	56
15) Methyl Acetate	2.47	43	554	0.298 ug/L #	53
16) Methylene chloride	2.54	84	2261	0.440 ug/L	91
18) trans-1,2-Dichloroethene	2.79	96	738	0.160 ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	60564	11.614 ug/L	97
25) Chloroform	4.43	83	772	0.081 ug/L	97
34) Trichloroethene	5.96	95	8910	1.609 ug/L	95
35) Methylcyclohexane	6.12	83	6842	0.885 ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3291	0.643 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	601	0.092 ug/L #	56
47) Tetrachloroethene	8.02	164	13404	2.711 ug/L	96
48) 2-Hexanone	8.20	43	7134	3.622 ug/L #	82
49) Dibromochloromethane	8.02	129	11554	2.579 ug/L #	10
52) Ethylbenzene	9.06	91	2037	0.093 ug/L	96
53) m,p-xylene	9.19	106	1020	0.122 ug/L	98
54) o-xylene	9.59	106	1084	0.136 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

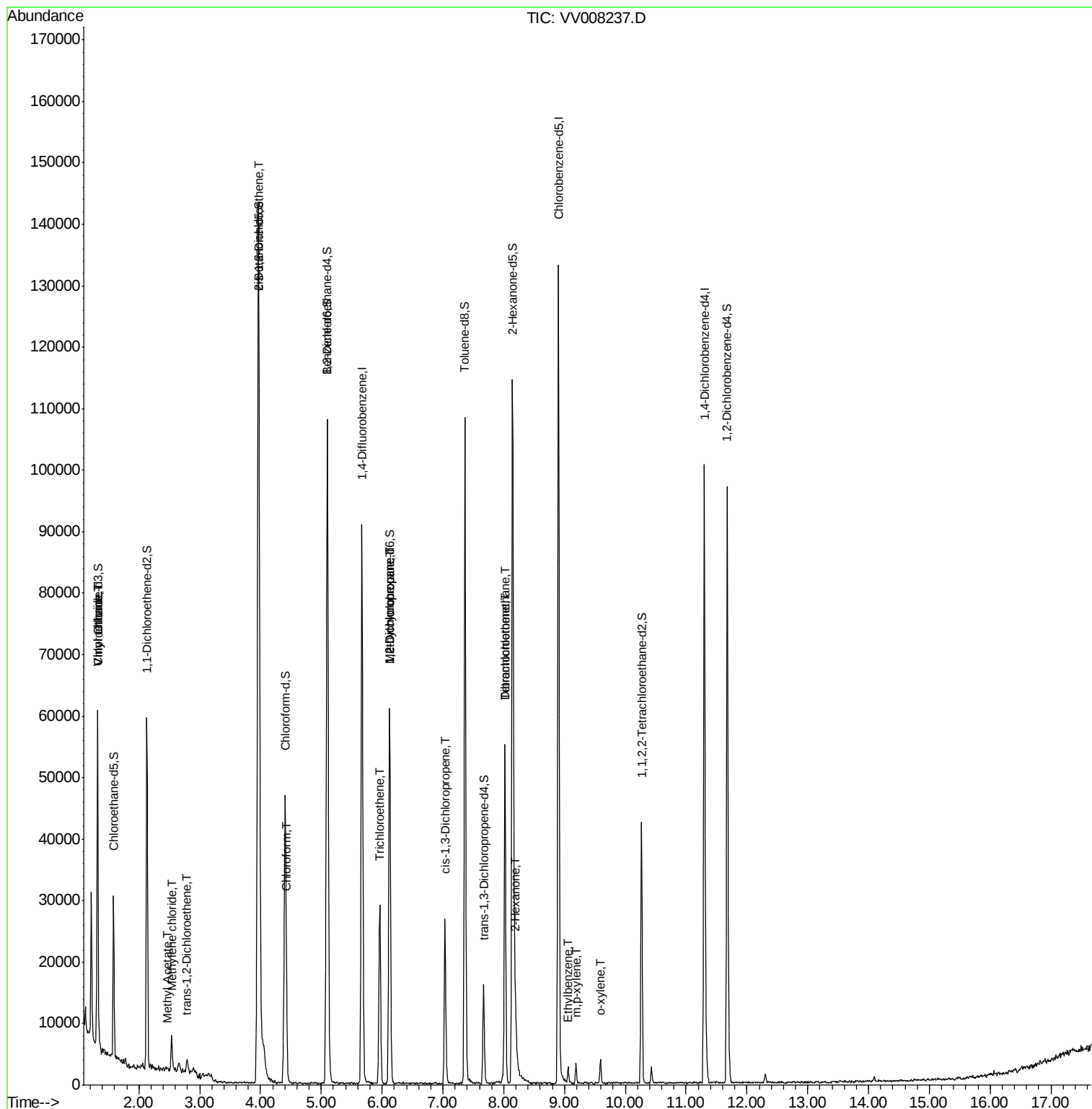
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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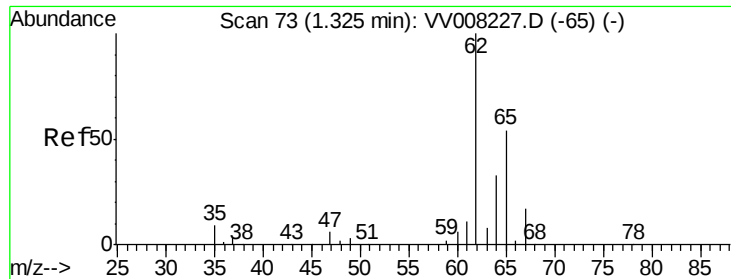
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.537 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008237.D

Acq: 10 Oct 2018 17:00

Instrument :

MSVOA_V

ClientSampleId :

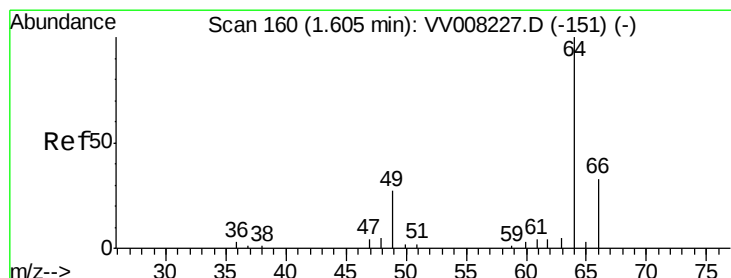
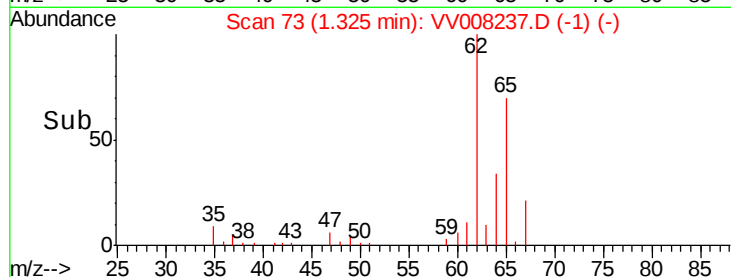
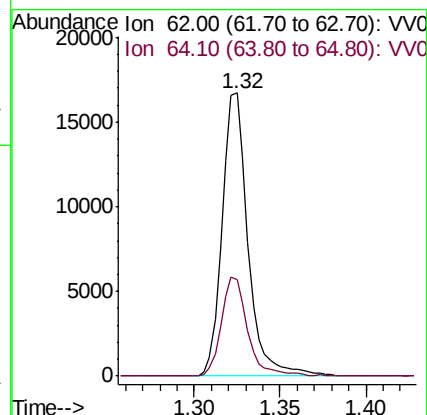
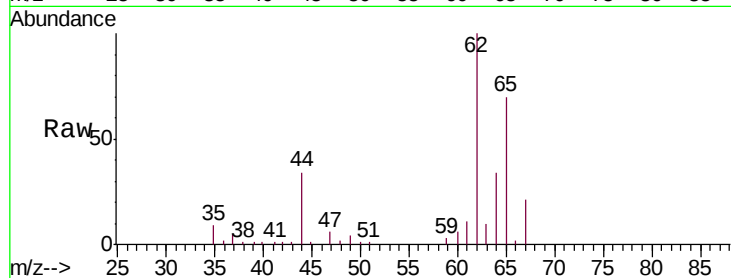
C0J93DL

Tgt Ion: 62 Resp: 17596

Ion Ratio Lower Upper

62 100

64 33.9 23.4 43.4



#8

Chloroethane

Concen: 1.757 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008237.D

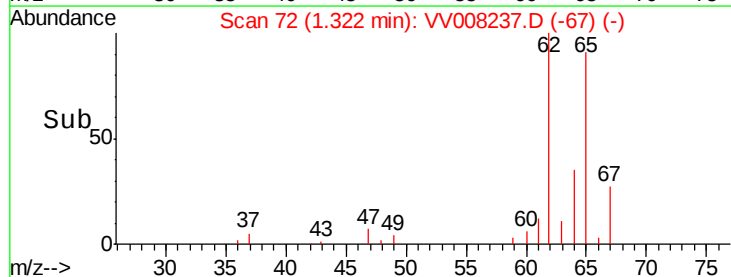
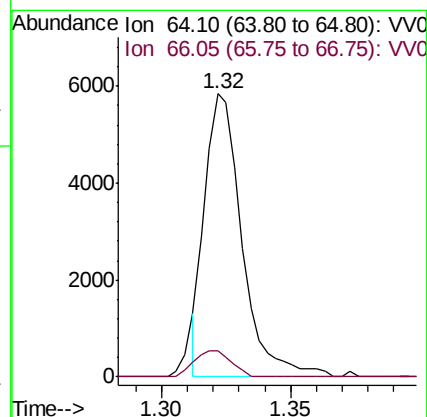
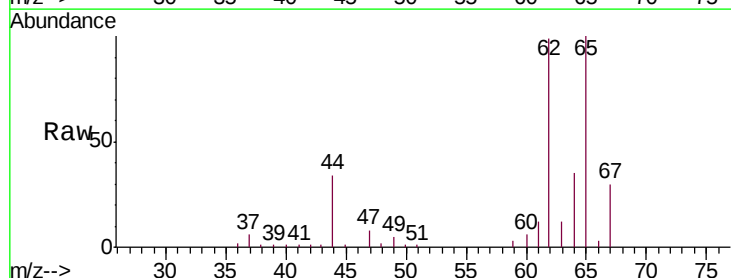
Acq: 10 Oct 2018 17:00

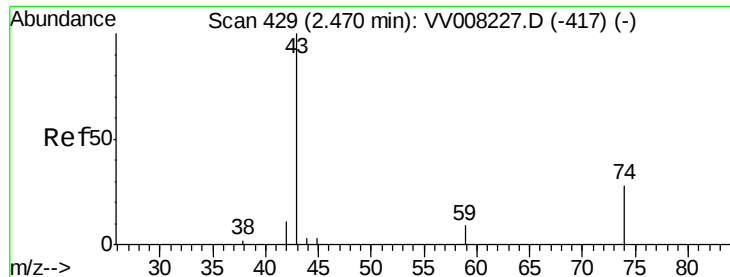
Tgt Ion: 64 Resp: 5842

Ion Ratio Lower Upper

64 100

66 9.0 24.1 44.8#

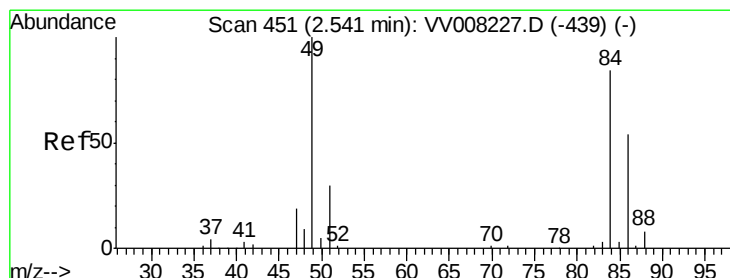
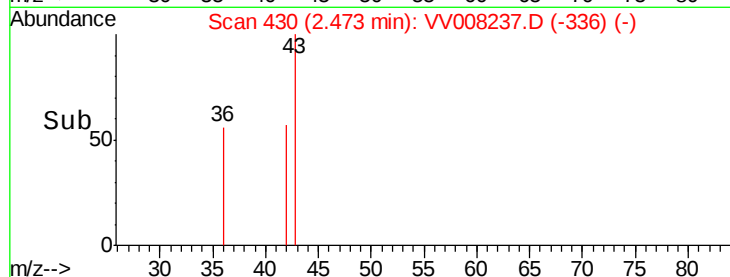
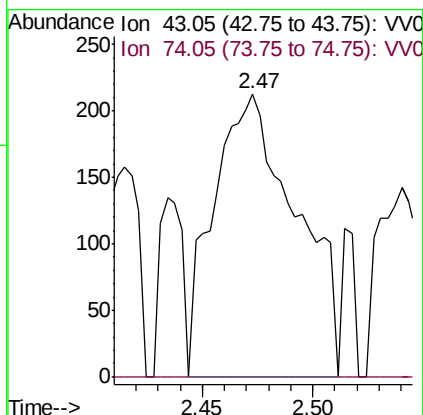
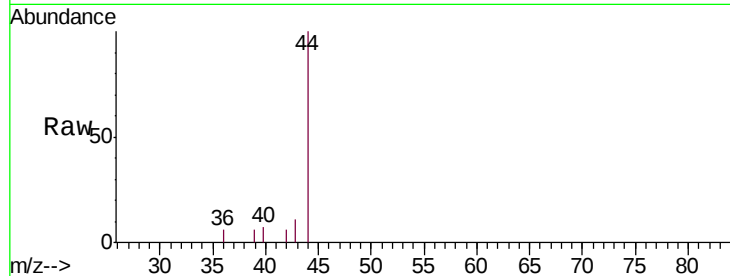




#15
Methyl Acetate
Concen: 0.298 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VV008237.D
Acq: 10 Oct 2018 17:00

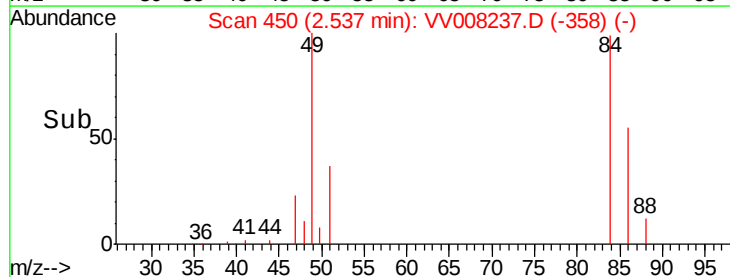
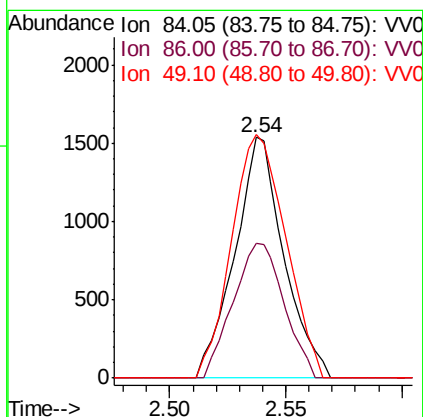
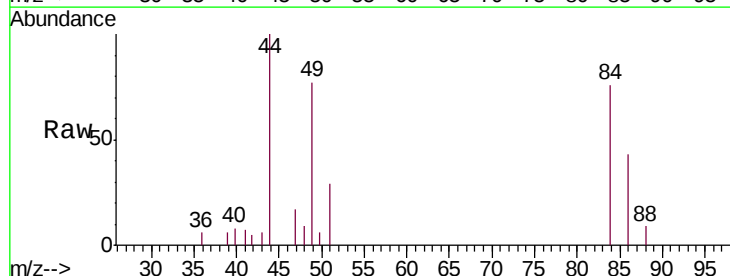
Instrument :
MSVOA_V
ClientSampleId :
C0J93DL

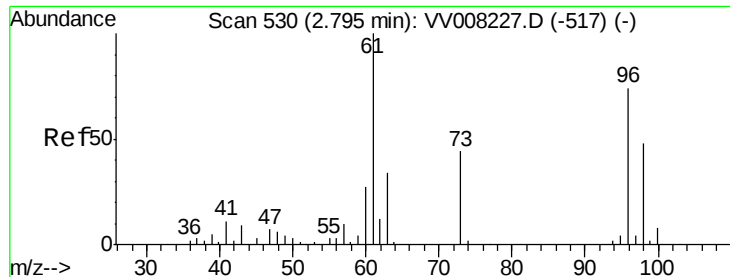
Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#16
Methylene chloride
Concen: 0.440 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008237.D
Acq: 10 Oct 2018 17:00

Tgt Ion: 84 Resp: 2261
Ion Ratio Lower Upper
84 100
86 56.1 45.3 84.1
49 109.4 83.0 154.1





#18

trans-1,2-Dichloroethene

Concen: 0.160 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV008237.D

Acq: 10 Oct 2018 17:00

Instrument :

MSVOA_V

ClientSampleId :

C0J93DL

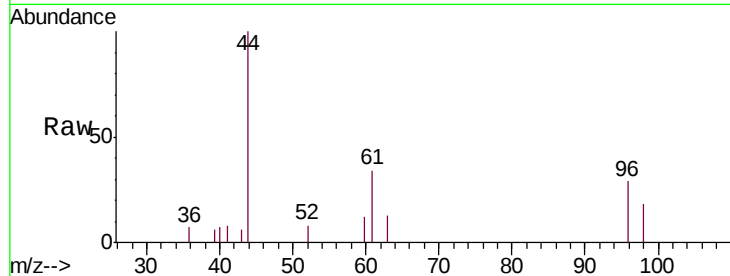
Tgt Ion: 96 Resp: 738

Ion Ratio Lower Upper

96 100

61 117.0 91.6 170.2

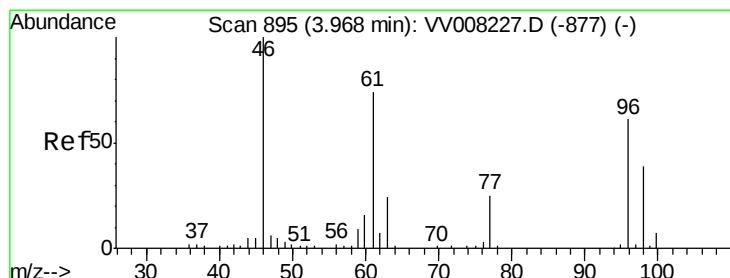
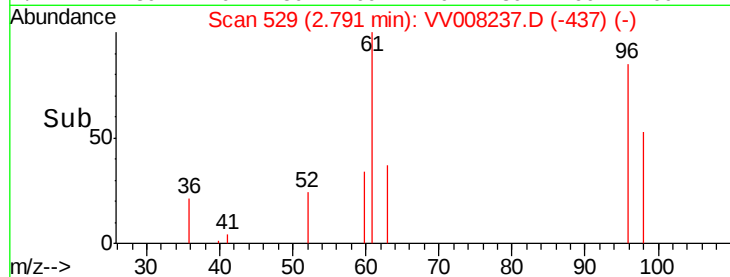
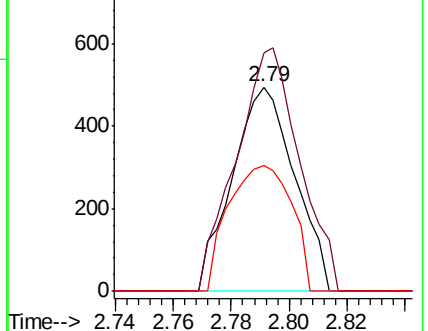
98 61.6 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 11.614 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV008237.D

Acq: 10 Oct 2018 17:00

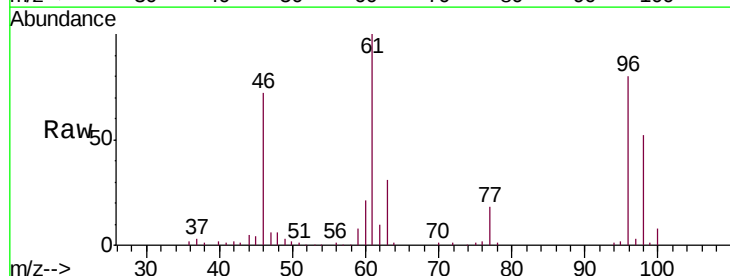
Tgt Ion: 96 Resp: 60564

Ion Ratio Lower Upper

96 100

61 124.5 85.1 158.1

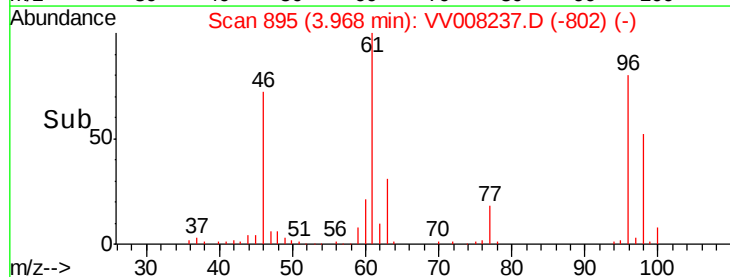
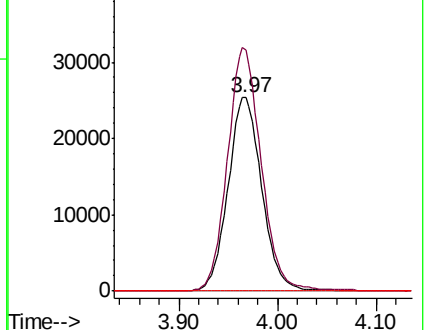
68 0.0 0.0 0.0

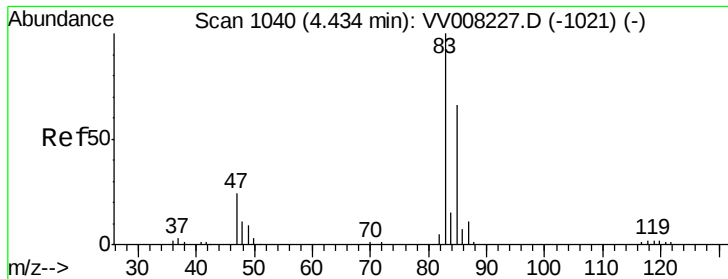


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

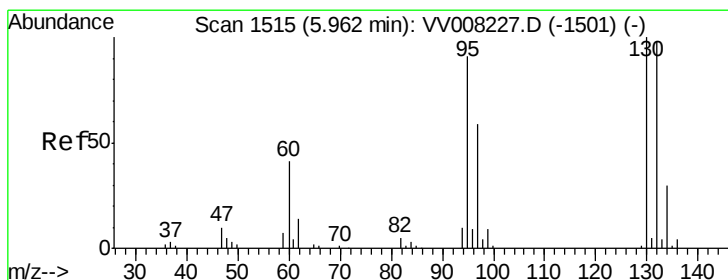
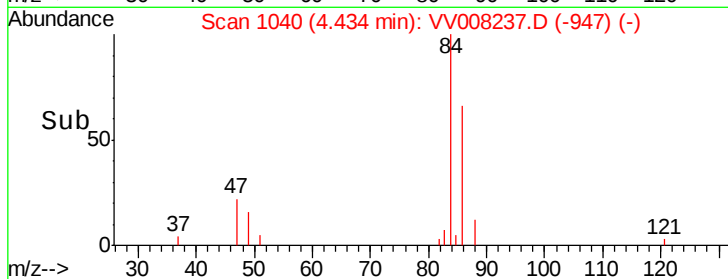
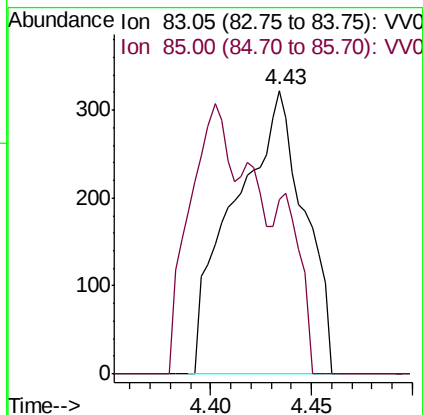
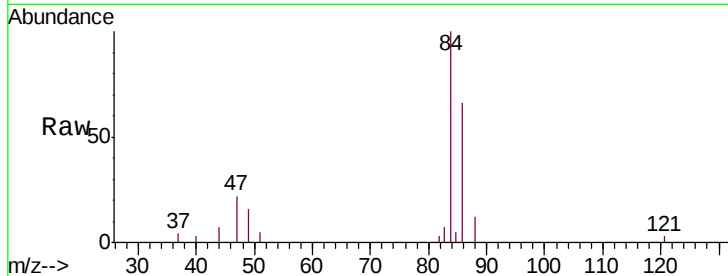




#25
Chloroform
Concen: 0.081 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV008237.D
Acq: 10 Oct 2018 17:00

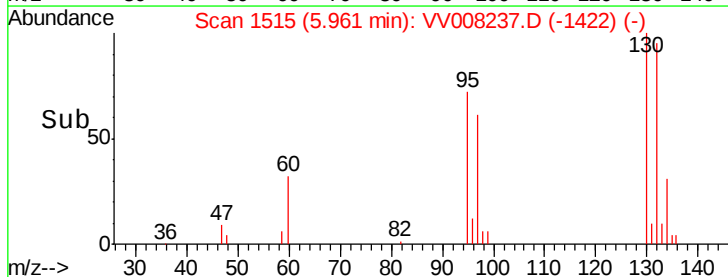
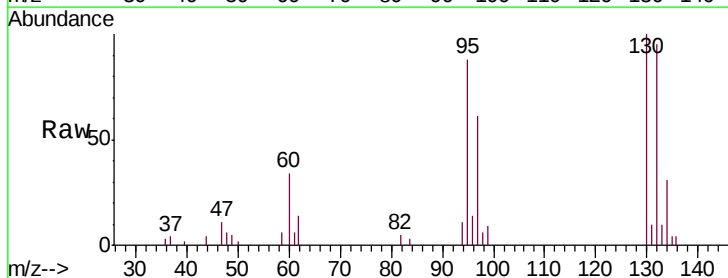
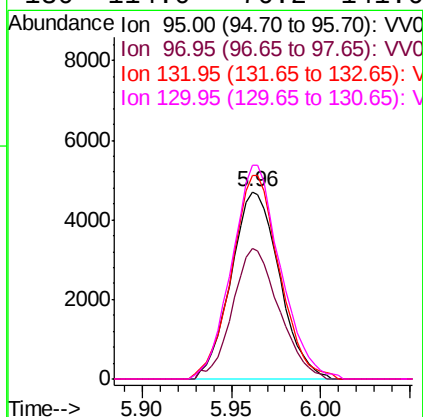
Instrument :
MSVOA_V
ClientSampleId :
C0J93DL

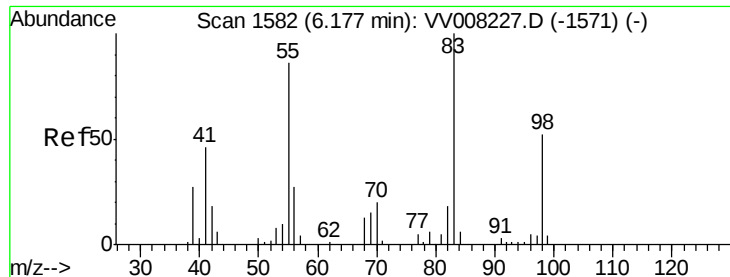
Tgt Ion: 83 Resp: 772
Ion Ratio Lower Upper
83 100
85 61.5 44.6 82.8



#34
Trichloroethene
Concen: 1.609 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008237.D
Acq: 10 Oct 2018 17:00

Tgt Ion: 95 Resp: 8910
Ion Ratio Lower Upper
95 100
97 69.9 44.9 83.5
132 108.6 73.6 136.6
130 114.0 76.2 141.6





#35

Methylcyclohexane

Concen: 0.885 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008237.D

Acq: 10 Oct 2018 17:00

Instrument :

MSVOA_V

ClientSampleId :

C0J93DL

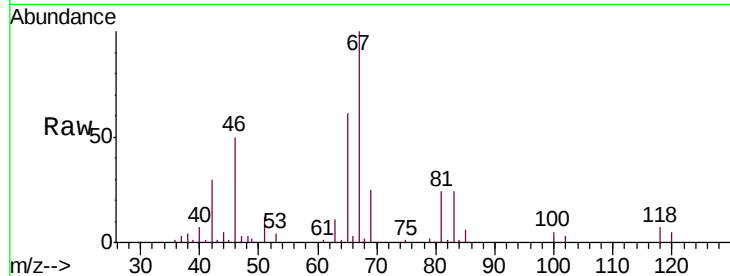
Tgt Ion: 83 Resp: 6842

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

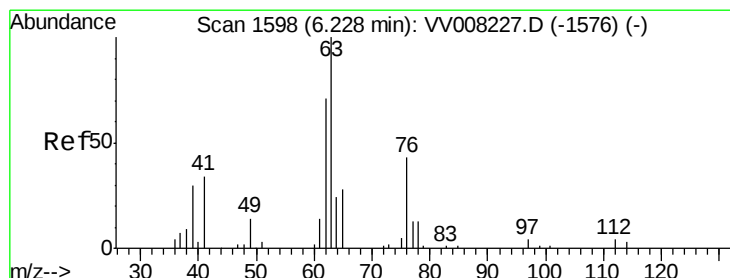
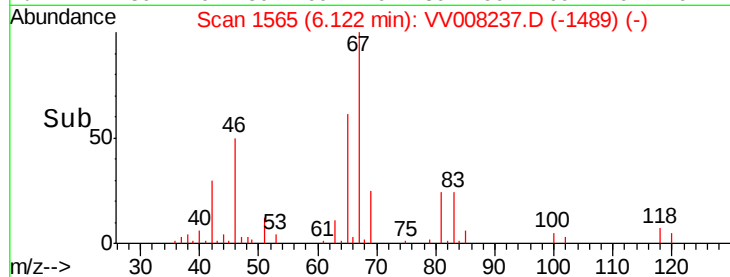
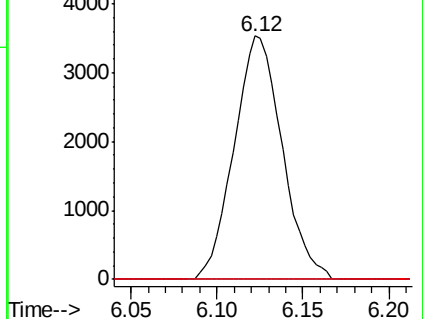
98 8.2 38.3 57.5#



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: 0.643 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008237.D

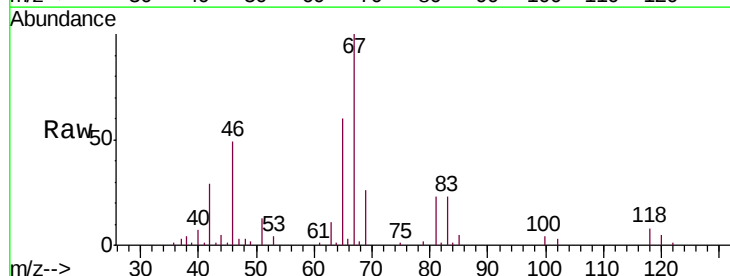
Acq: 10 Oct 2018 17:00

Tgt Ion: 63 Resp: 3291

Ion Ratio Lower Upper

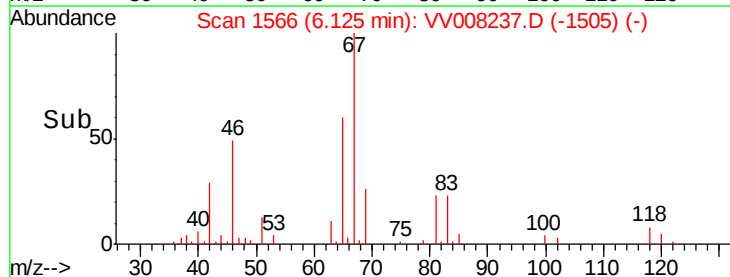
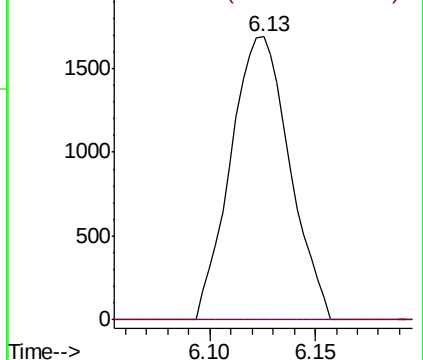
63 100

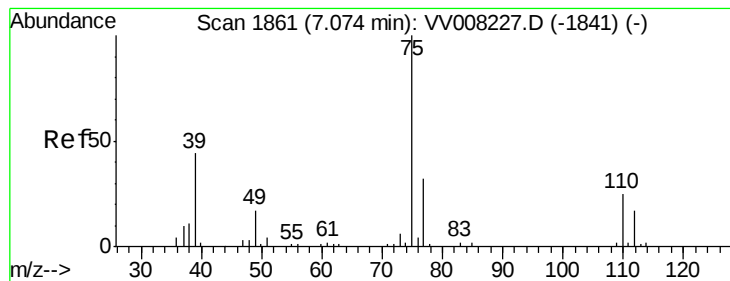
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



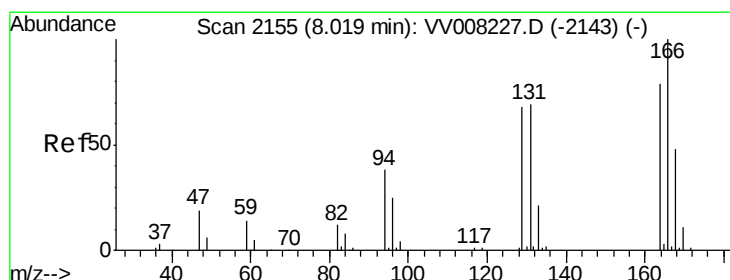
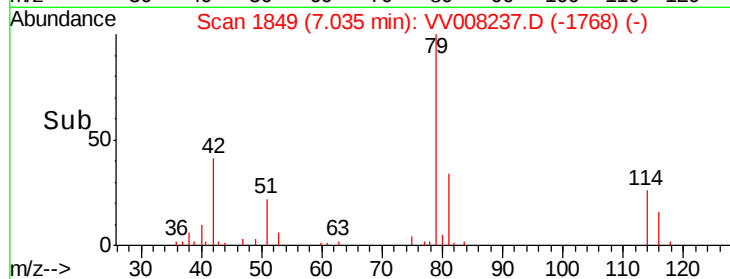
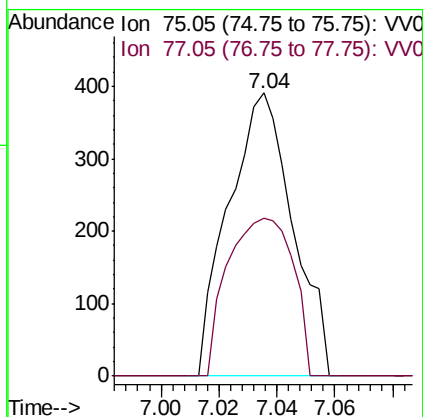
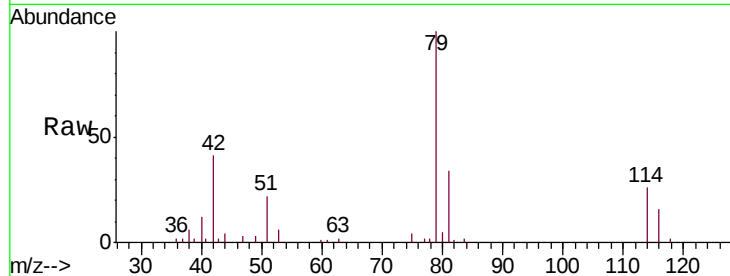


#39

cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008237.D
 Acq: 10 Oct 2018 17:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J93DL

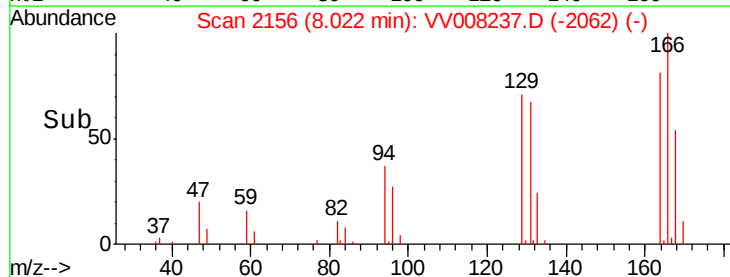
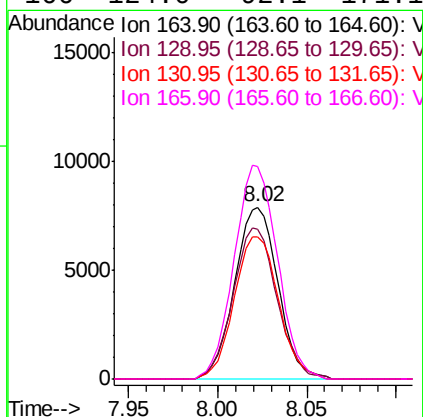
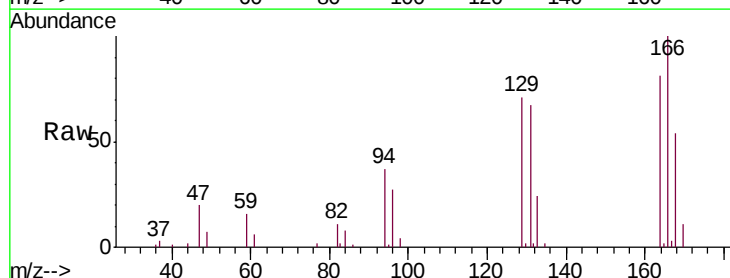
Tgt Ion: 75 Resp: 601
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.1 41.1#

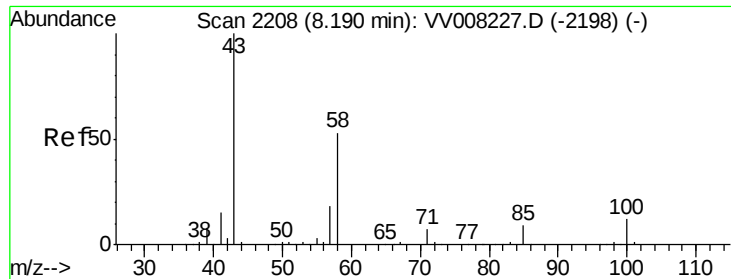


#47

Tetrachloroethene
 Concen: 2.711 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008237.D
 Acq: 10 Oct 2018 17:00

Tgt Ion: 164 Resp: 13404
 Ion Ratio Lower Upper
 164 100
 129 87.5 62.2 115.4
 131 83.1 60.5 112.5
 166 124.0 92.1 171.1

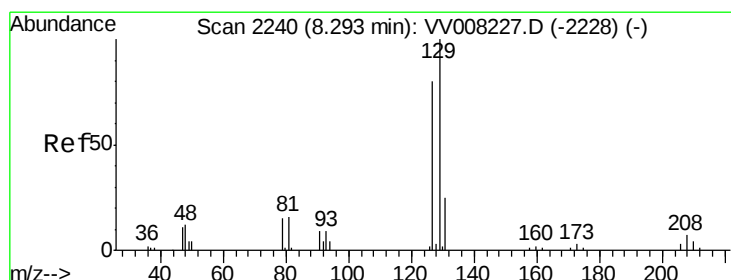
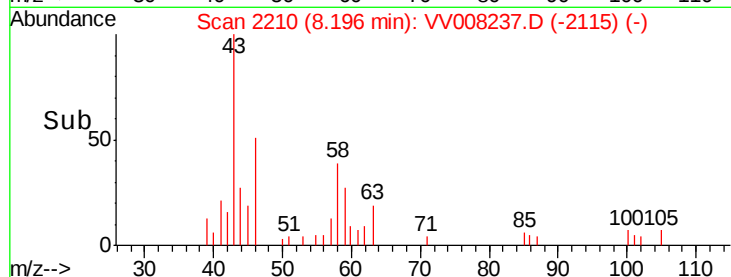
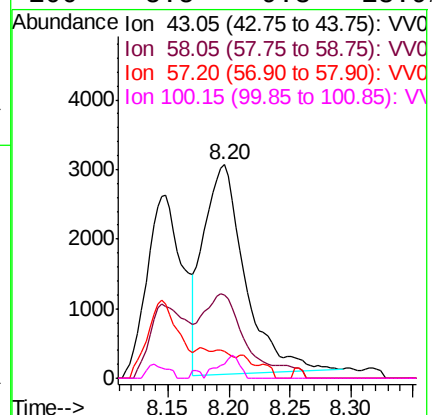
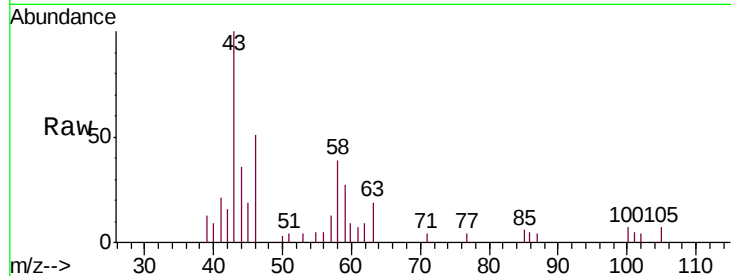




#48
2-Hexanone
Concen: 3.622 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV008237.D
Acq: 10 Oct 2018 17:00

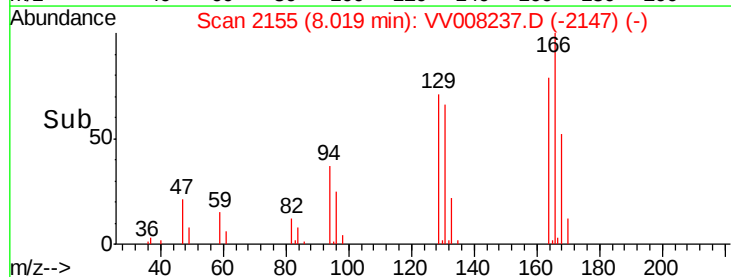
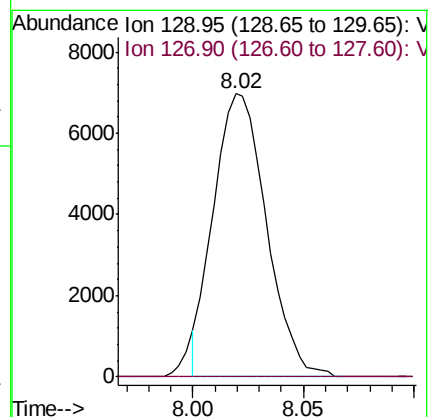
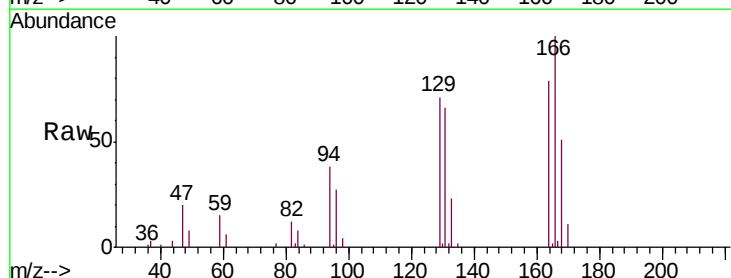
Instrument :
MSVOA_V
ClientSampleId :
C0J93DL

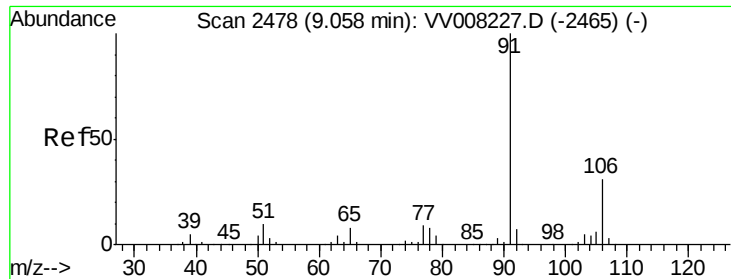
Tgt Ion: 43 Resp: 7134
Ion Ratio Lower Upper
43 100
58 43.1 40.5 60.7
57 1.1 14.6 22.0#
100 5.5 9.3 13.9#



#49
Dibromochloromethane
Concen: 2.579 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008237.D
Acq: 10 Oct 2018 17:00

Tgt Ion: 129 Resp: 11554
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#





#52

Ethylbenzene

Concen: 0.093 ug/L

RT: 9.06 min Scan# 2479

Delta R.T. 0.00 min

Lab File: VV008237.D

Acq: 10 Oct 2018 17:00

Instrument :

MSVOA_V

ClientSampleID :

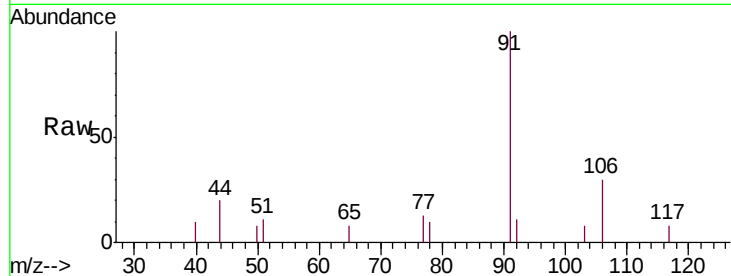
C0J93DL

Tgt Ion: 91 Resp: 2037

Ion Ratio Lower Upper

91 100

106 29.8 22.3 41.5



Abundance Ion 91.15 (90.85 to 91.85): VV008227.D (-2465) (-)

Ion 106.15 (105.85 to 106.85): VV008227.D (-2465) (-)

9.06

1500

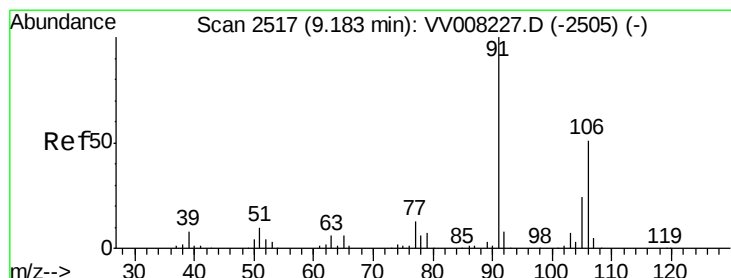
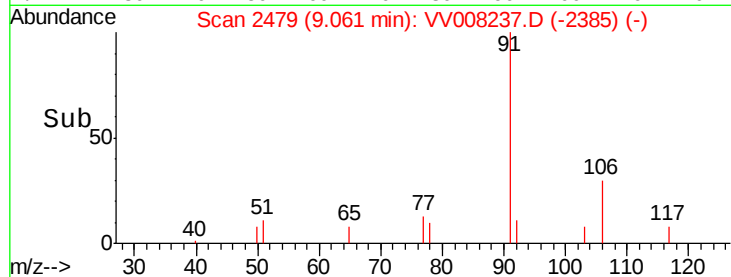
1000

500

0

9.05 9.10

Time-->



#53

m,p-xylene

Concen: 0.122 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV008237.D

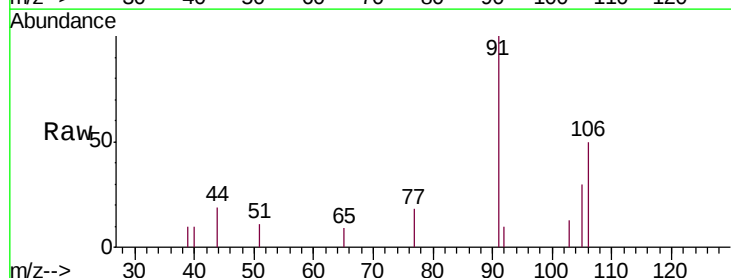
Acq: 10 Oct 2018 17:00

Tgt Ion: 106 Resp: 1020

Ion Ratio Lower Upper

106 100

91 198.5 140.8 261.4



Abundance Ion 106.15 (105.85 to 106.85): VV008227.D (-2505) (-)

Ion 91.15 (90.85 to 91.85): VV008227.D (-2505) (-)

9.19

1500

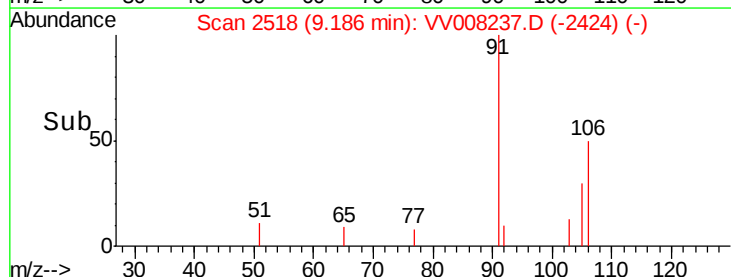
1000

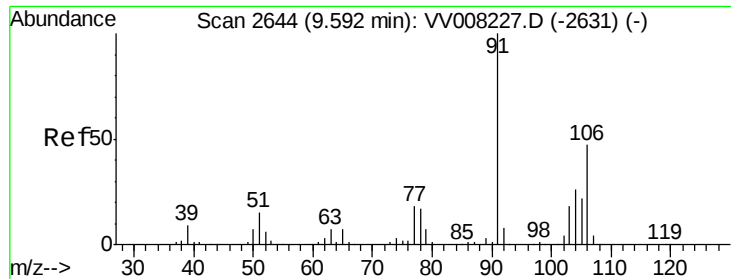
500

0

9.15 9.20

Time-->





#54
 o-xylene
 Concen: 0.136 ug/L
 RT: 9.59 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VV008237.D
 Acq: 10 Oct 2018 17:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J93DL

Tgt Ion:106 Resp: 1084
 Ion Ratio Lower Upper
 106 100
 91 222.5 149.1 276.9

