

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008001.D
 Acq On : 01 Oct 2018 18:14
 Operator : SY/MD
 Sample : J5091-02DL 40X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S6DL

Quant Time: Oct 02 04:18:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88453	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84060	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42172	5.00	ug/L	0.00

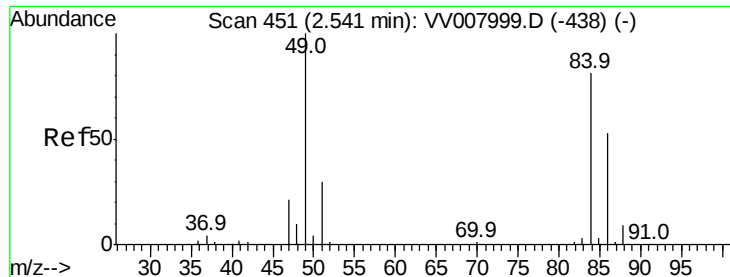
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16515	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.58	69	17266	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	29389	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	3.98	46	71958	50.45	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.90%
24) Chloroform-d	4.41	84	49046	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.09	65	26765	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	89798	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	29766	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	81372	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.67	79	9593	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.14	63	51279	47.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23473	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	37208	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

					Ovalue
16) Methylene chloride	2.54	84	2802	0.431 ug/L	89
22) cis-1,2-Dichloroethene	3.97	96	543	0.083 ug/L #	60
34) Trichloroethene	5.96	95	1275	0.185 ug/L	92
35) Methylcyclohexane	6.12	83	7618	0.737 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3406	0.554 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	681	0.083 ug/L #	38
48) 2-Hexanone	8.14	43	6939	2.585 ug/L #	74
51) Chlorobenzene	8.93	112	132945	7.343 ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	2000	0.144 ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	14290	0.987 ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	27108	2.065 ug/L	96

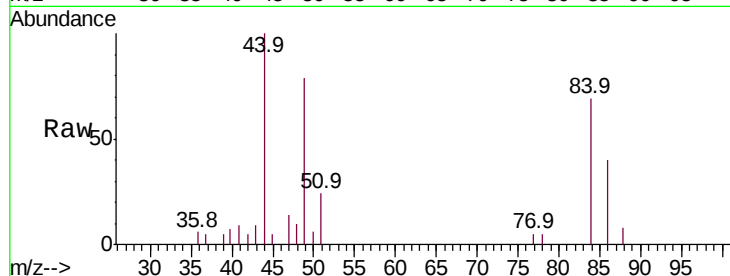
(#) = qualifier out of range (m) = manual integration (+) = signals summed



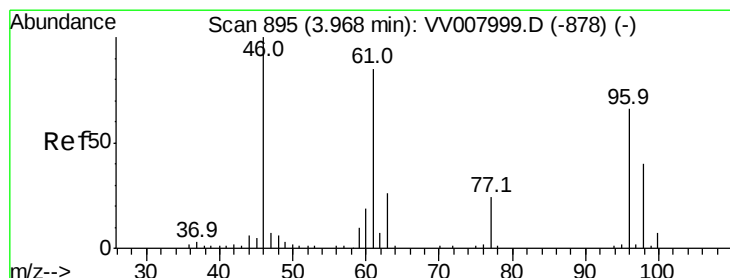
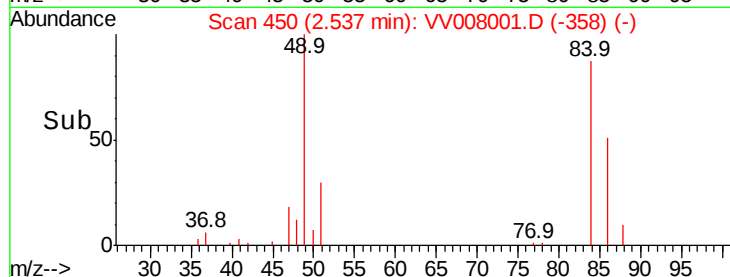
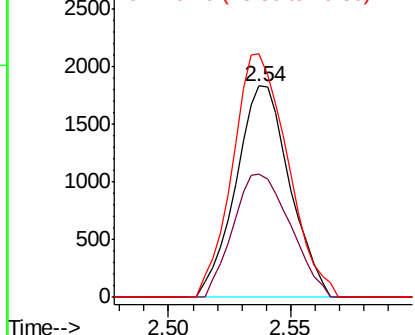
#16
Methylene chloride
Concen: 0.431 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008001.D
Acq: 01 Oct 2018 18:14

Instrument :
MSVOA_V
ClientSampleId :
E62S6DL

Tot Ion: 84 Resp: 2802
Ion Ratio Lower Upper
84 100
86 58.6 47.3 87.8
49 115.2 90.0 167.2

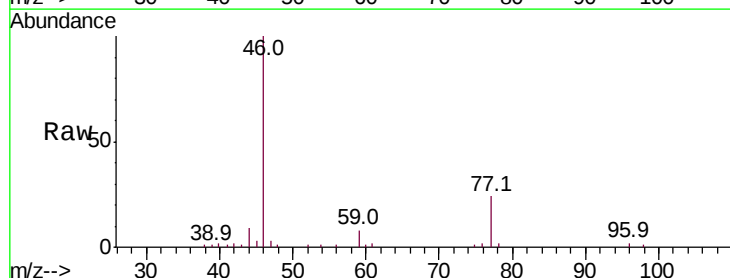


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

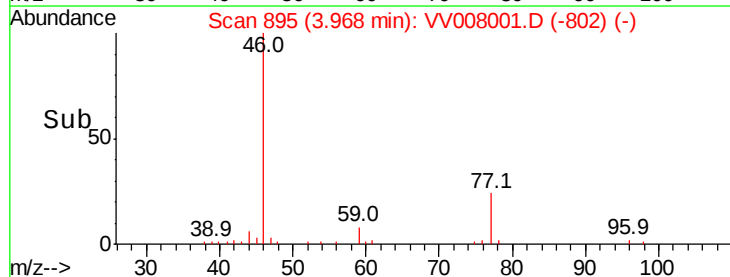
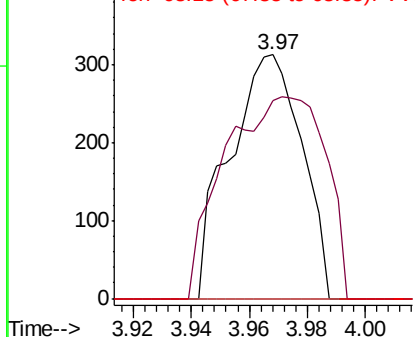


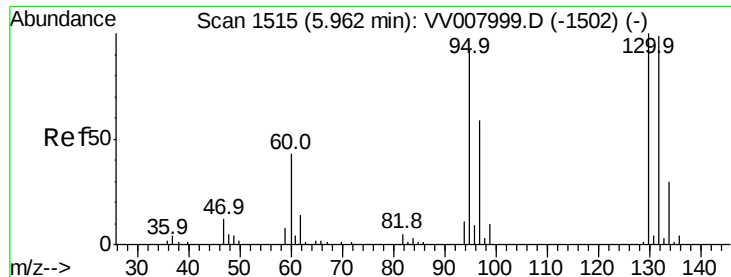
#22
cis-1,2-Dichloroethene
Concen: 0.083 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008001.D
Acq: 01 Oct 2018 18:14

Tgt Ion: 96 Resp: 543
Ion Ratio Lower Upper
96 100
61 81.2 89.5 166.1#
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





#34

Trichloroethene

Concen: 0.185 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008001.D

Acq: 01 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

E62S6DL

Tot Ion: 95 Resp: 1275

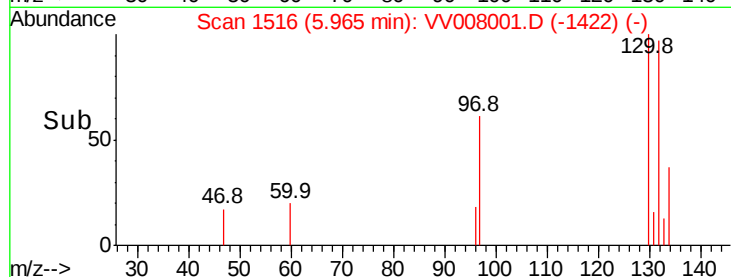
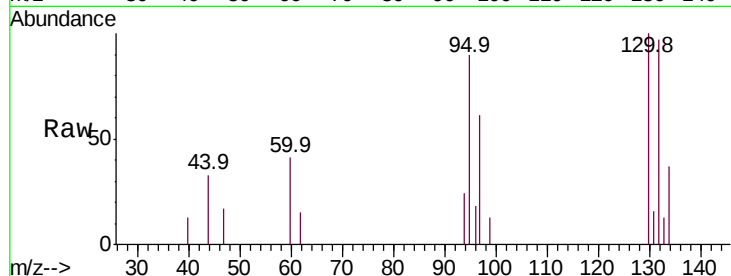
Ion Ratio Lower Upper

95 100

97 67.7 43.6 81.0

132 107.6 69.9 129.9

130 111.4 71.7 133.3

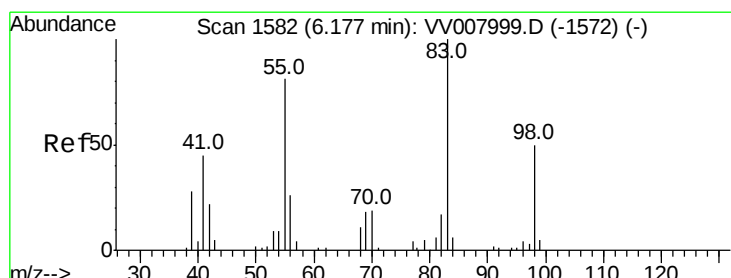
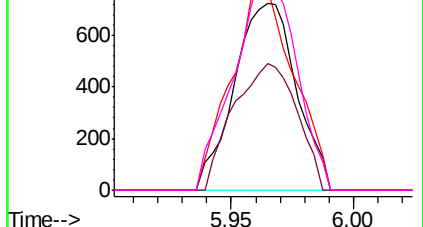


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008001.D

Acq: 01 Oct 2018 18:14

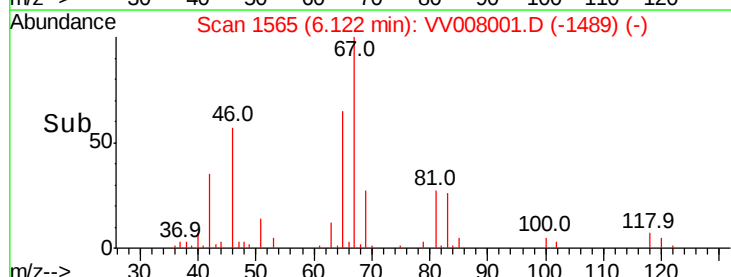
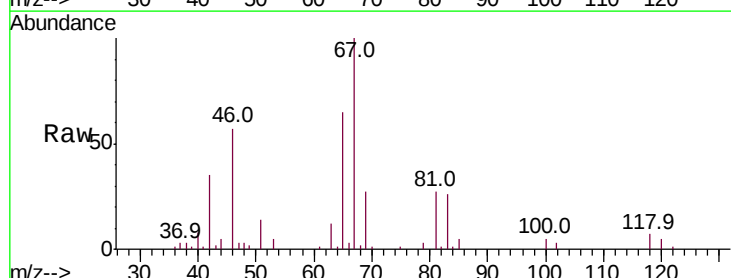
Tgt Ion: 83 Resp: 7618

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

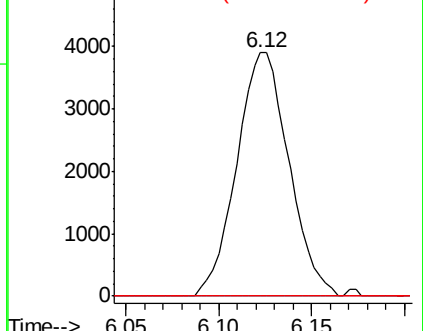
98 2.7 38.0 57.0#

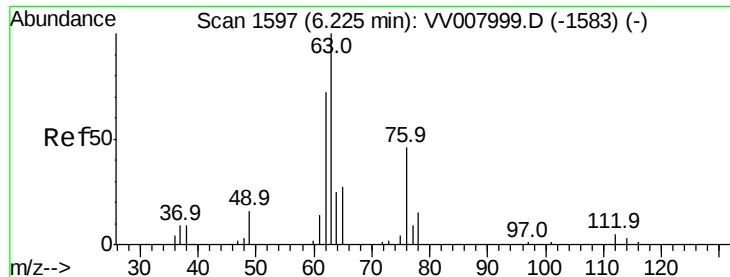


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008001.D

Acq: 01 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

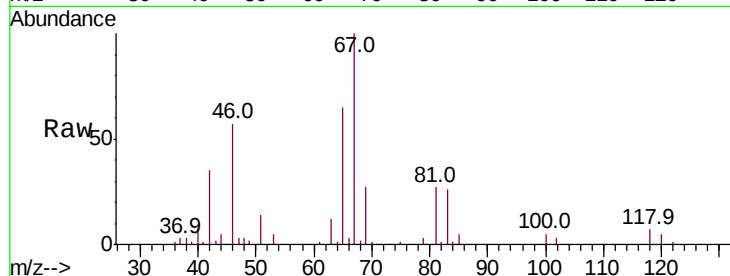
E62S6DL

Tot Ion: 63 Resp: 3406

Ion Ratio Lower Upper

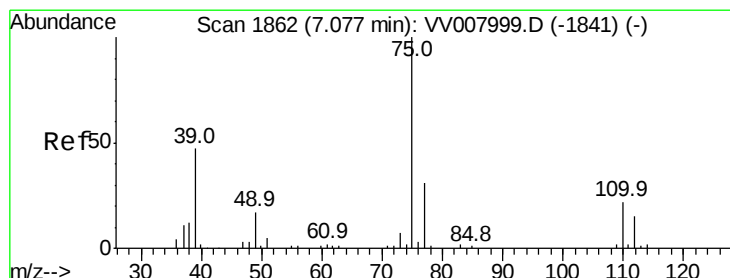
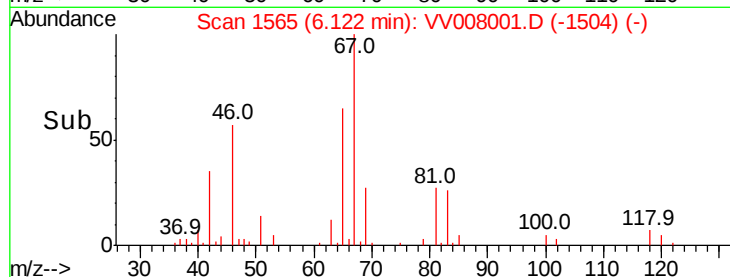
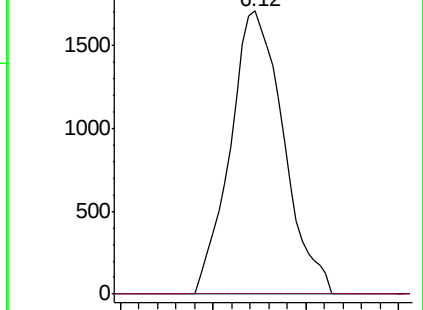
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007999.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV007999.D (-1583) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008001.D

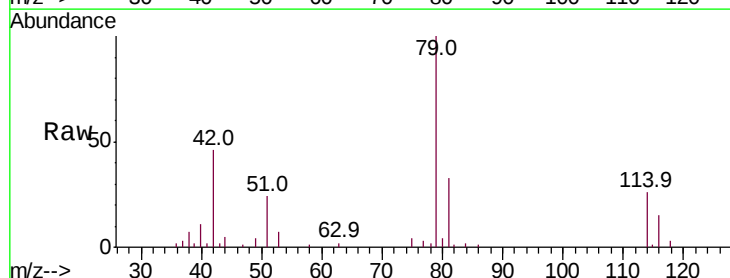
Acq: 01 Oct 2018 18:14

Tgt Ion: 75 Resp: 681

Ion Ratio Lower Upper

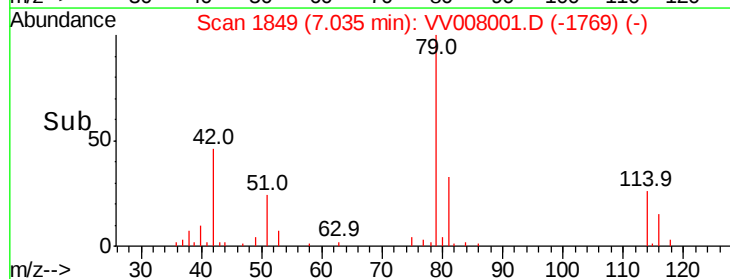
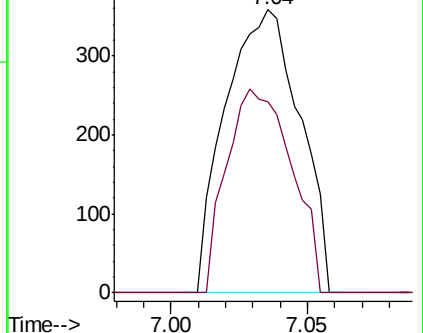
75 100

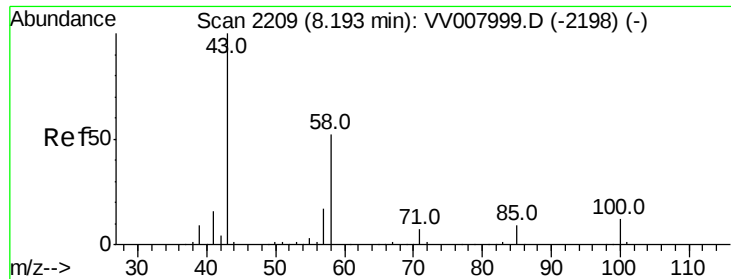
77 67.6 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007999.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV007999.D (-1841) (-)

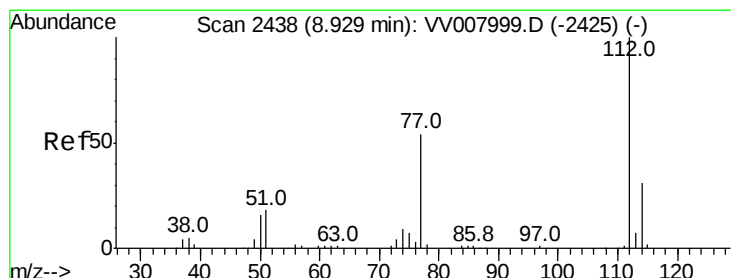
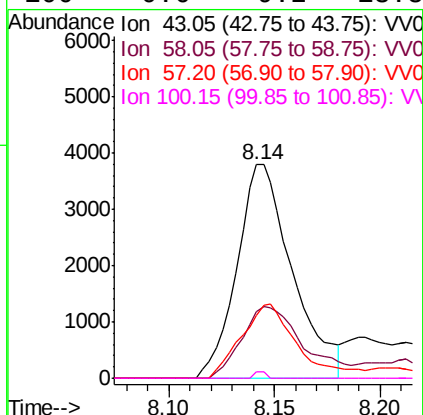
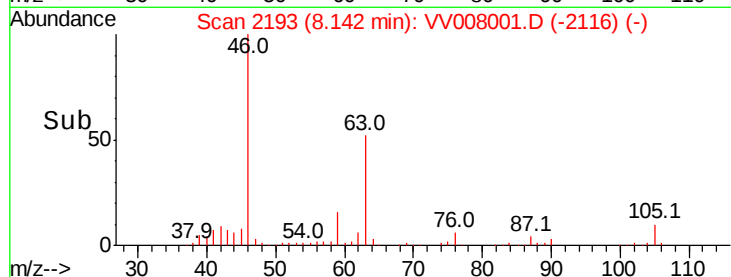
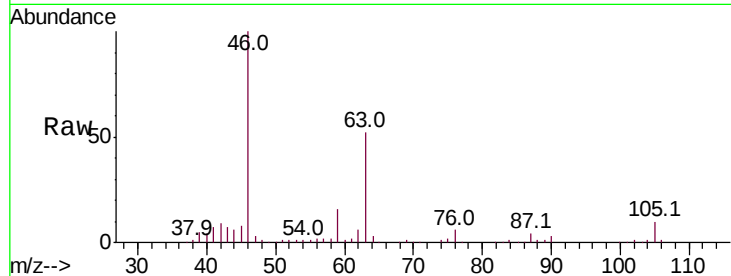




#48
2-Hexanone
Concen: 2.585 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008001.D
Acq: 01 Oct 2018 18:14

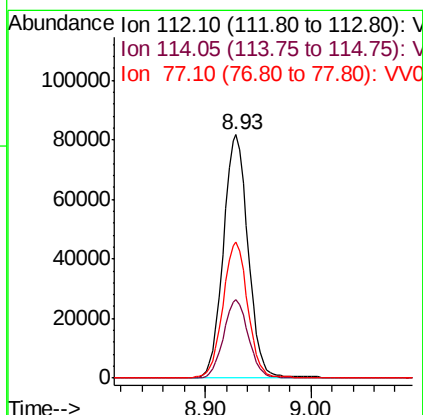
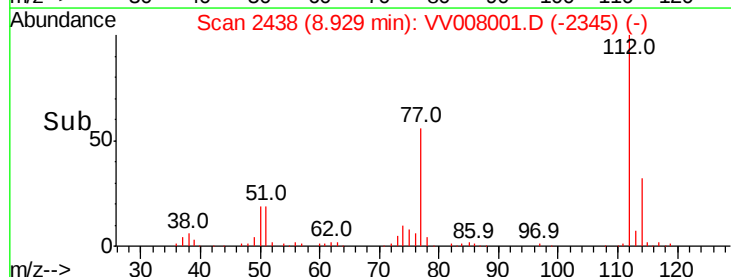
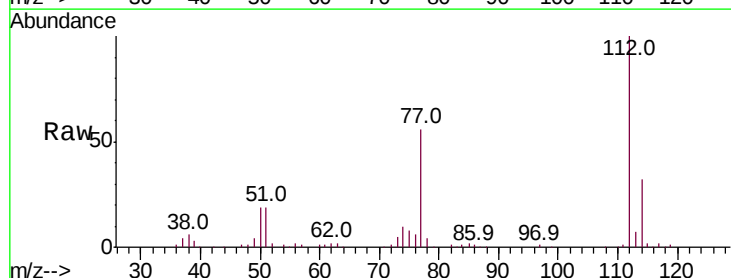
Instrument :
MSVOA_V
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E62S6DL

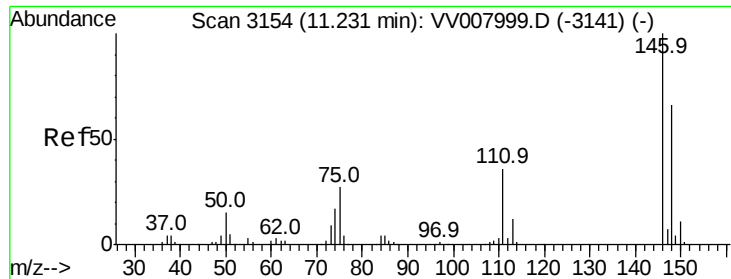
Tot Ion: 43 Resp: 6939
Ion Ratio Lower Upper
43 100
58 37.5 41.9 62.9#
57 35.2 14.3 21.5#
100 0.6 9.2 13.8#



#51
Chlorobenzene
Concen: 7.343 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV008001.D
Acq: 01 Oct 2018 18:14

Tgt Ion: 112 Resp: 132945
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 55.9 45.0 67.6





#62

1,3-Dichlorobenzene

Concen: 0.144 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV008001.D

Acq: 01 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

E62S6DL

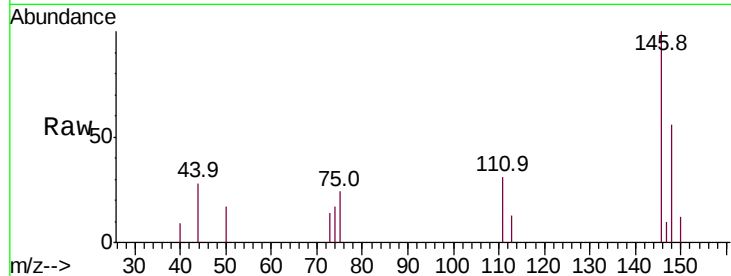
Tot Ion:146 Resp: 2000

Ion Ratio Lower Upper

146 100

111 30.6 25.8 48.0

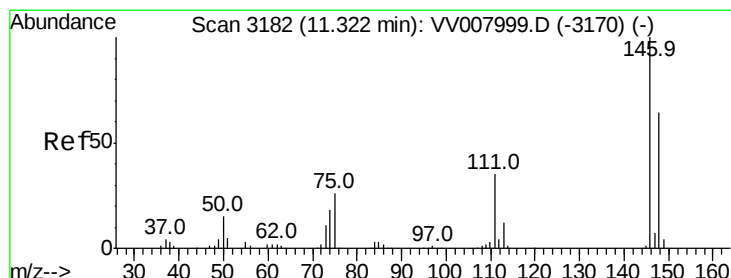
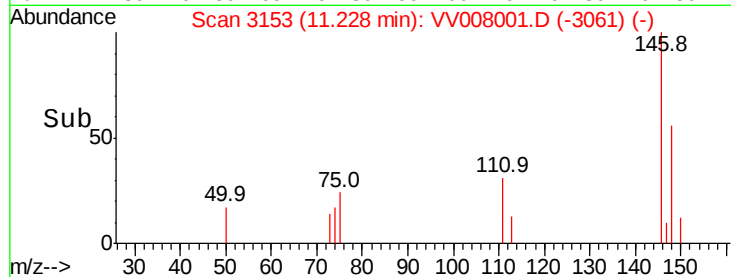
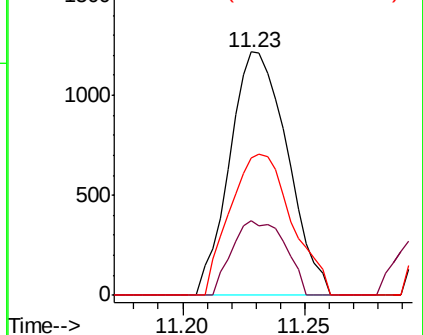
148 56.4 44.7 82.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.987 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV008001.D

Acq: 01 Oct 2018 18:14

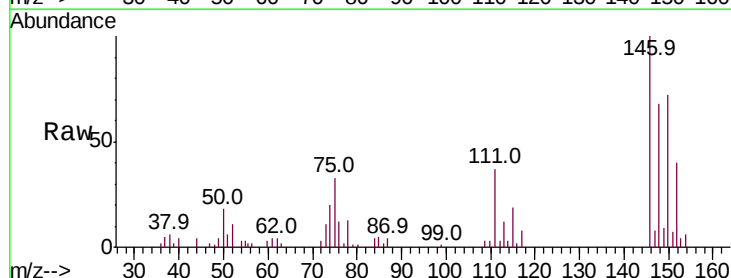
Tgt Ion:146 Resp: 14290

Ion Ratio Lower Upper

146 100

111 36.6 25.3 47.1

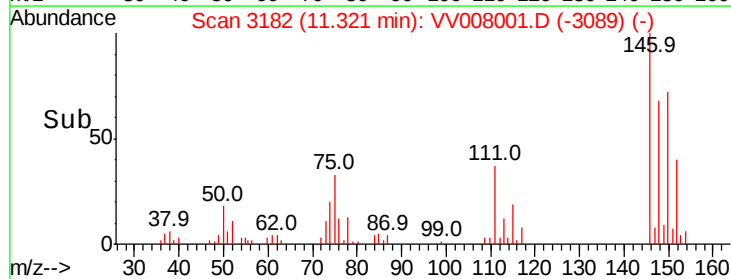
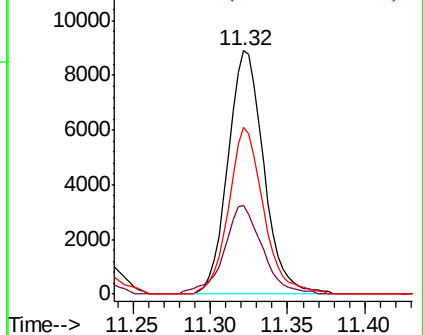
148 68.4 44.7 82.9

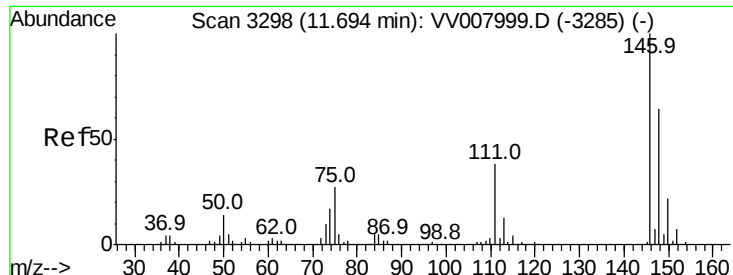


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 2.065 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV008001.D

Acq: 01 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

E62S6DL

Tot Ion:146 Resp: 27108

Ion Ratio Lower Upper

146 100

111 39.5 31.2 46.8

148 67.4 50.3 75.5

