

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008782.D
 Acq On : 29 Nov 2018 23:24
 Operator : SY/MD
 Sample : J6076-21
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALT2

Quant Time: Nov 30 06:27:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	143042	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57999	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46377	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.59	69	31330	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.14	63	63794	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.96	46	108971	49.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.32%
24) Chloroform-d	4.41	84	91584	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.09	65	45691	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	195945	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	57327	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	170868	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.67	79	18004	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.14	63	75201	44.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33763	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	58066	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

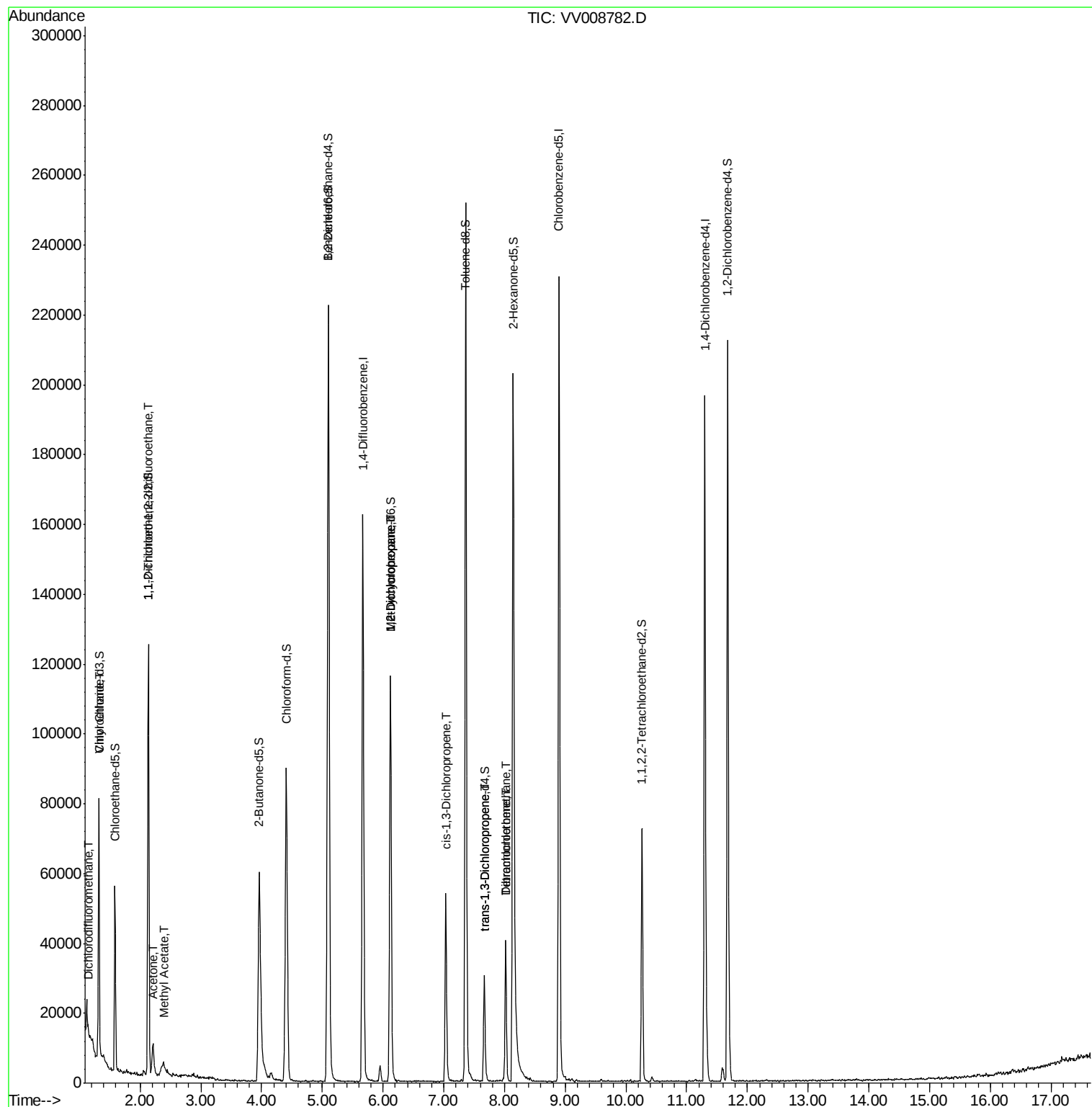
					Qvalue
2) Dichlorodifluoromethane	1.14	85	1317	0.104 ug/L #	82
8) Chloroethane	1.32	64	597	0.111 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	661	0.082 ug/L #	18
13) Acetone	2.21	43	11522	10.430 ug/L	99
15) Methyl Acetate	2.38	43	563	0.190 ug/L #	50
35) Methylcyclohexane	6.12	83	13897	0.791 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	5717	0.577 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1374	0.106 ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	881	0.086 ug/L	100
47) Tetrachloroethene	8.02	164	9129	1.065 ug/L	93
49) Dibromochloromethane	8.02	129	8556	1.195 ug/L #	10

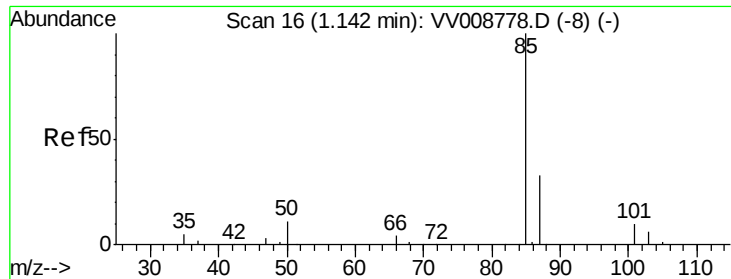
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 30 06:23:09 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.104 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008782.D

Acq: 29 Nov 2018 23:24

Instrument :

MSVOA_V

ClientSampleId :

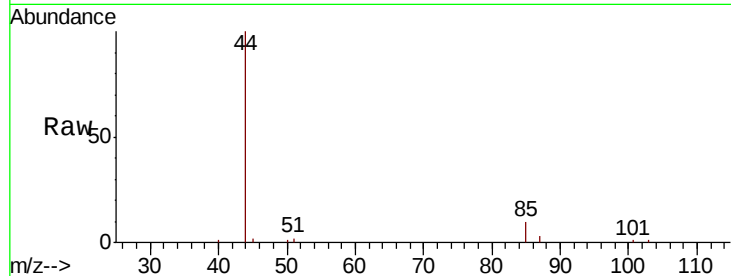
YALT2

Tgt Ion: 85 Resp: 1317

Ion Ratio Lower Upper

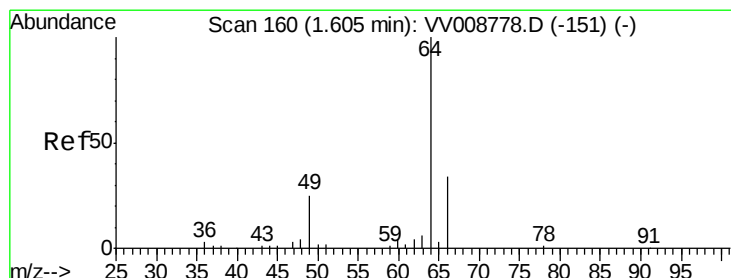
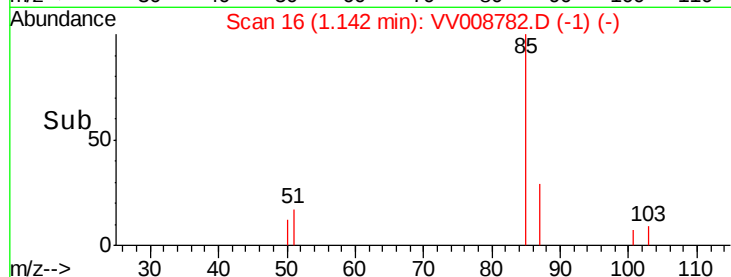
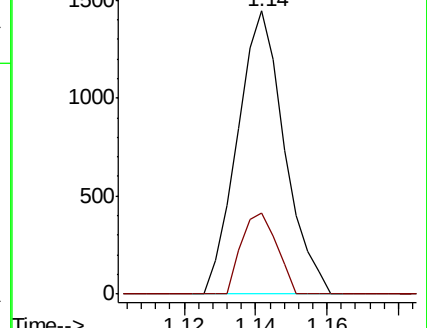
85 100

87 21.5 25.4 38.0#



Abundance Ion 85.00 (84.70 to 85.70): VV008778.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008778.D (-8) (-)



#8

Chloroethane

Concen: 0.111 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008782.D

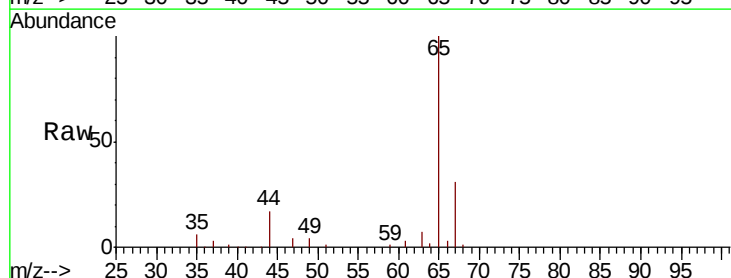
Acq: 29 Nov 2018 23:24

Tgt Ion: 64 Resp: 597

Ion Ratio Lower Upper

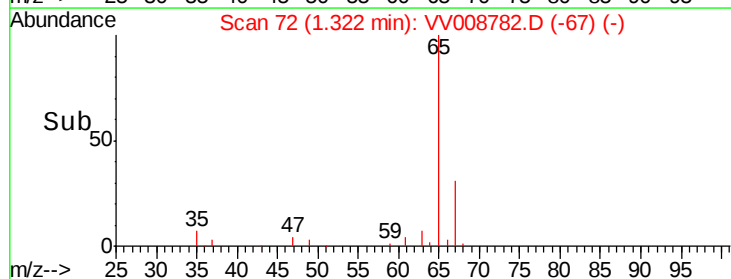
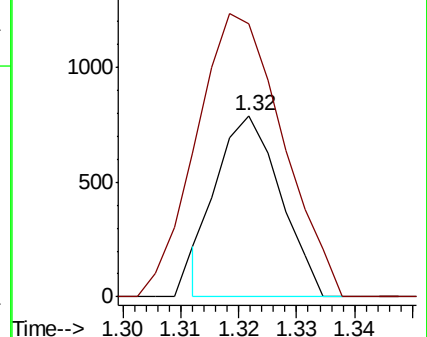
64 100

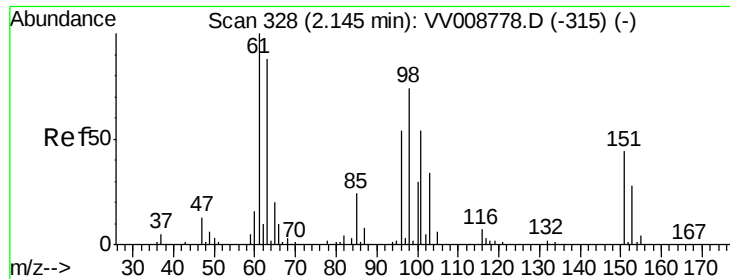
66 150.3 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VV008778.D (-151) (-)

Ion 66.05 (65.75 to 66.75): VV008778.D (-151) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.082 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008782.D

Acq: 29 Nov 2018 23:24

Instrument :

MSVOA_V

ClientSampleId :

YALT2

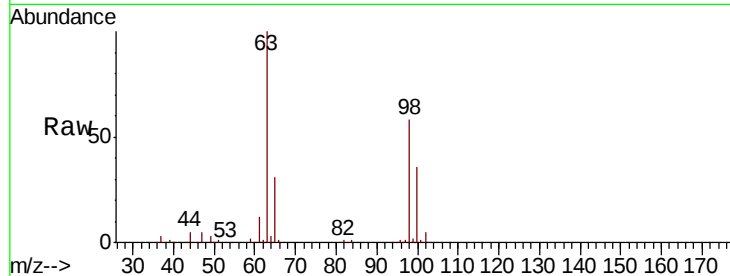
Tgt Ion: 101 Resp: 661

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

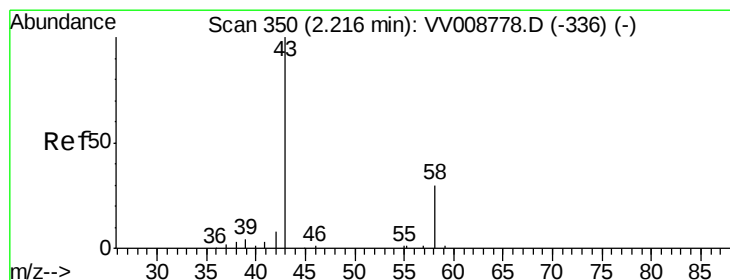
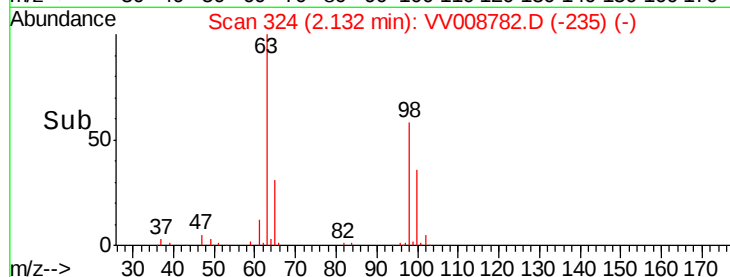
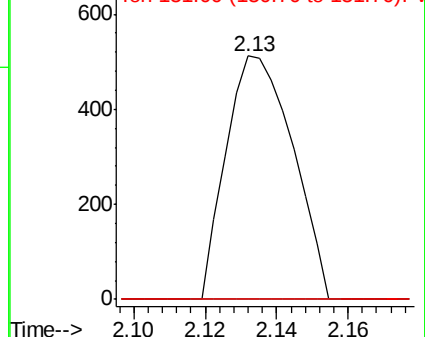
151 0.0 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 10.430 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008782.D

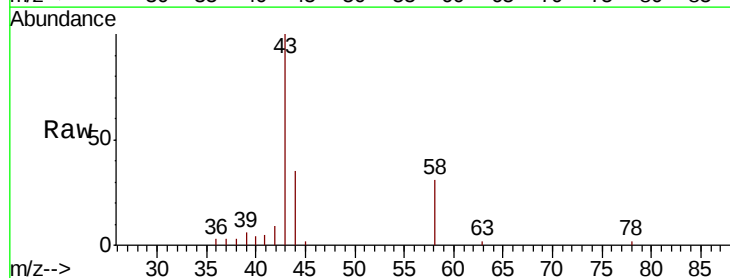
Acq: 29 Nov 2018 23:24

Tgt Ion: 43 Resp: 11522

Ion Ratio Lower Upper

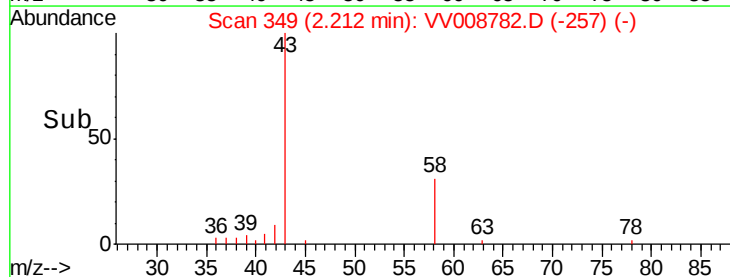
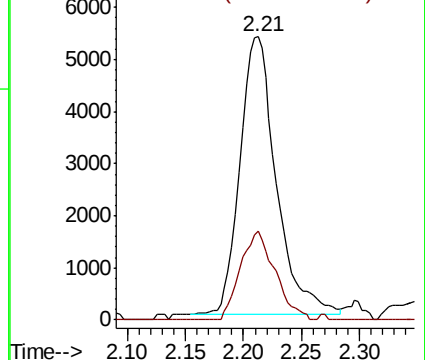
43 100

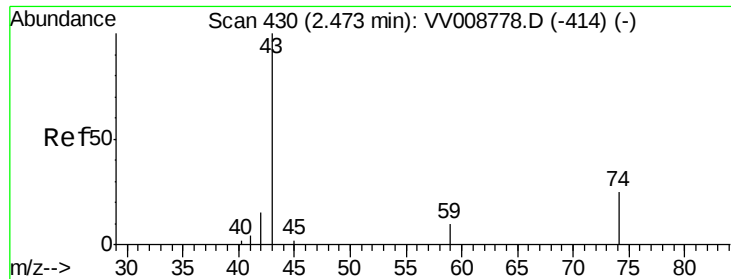
58 30.7 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#15

Methyl Acetate

Concen: 0.190 ug/L

RT: 2.38 min Scan# 400

Delta R.T. -0.10 min

Lab File: VV008782.D

Acq: 29 Nov 2018 23:24

Instrument :

MSVOA_V

ClientSampleId :

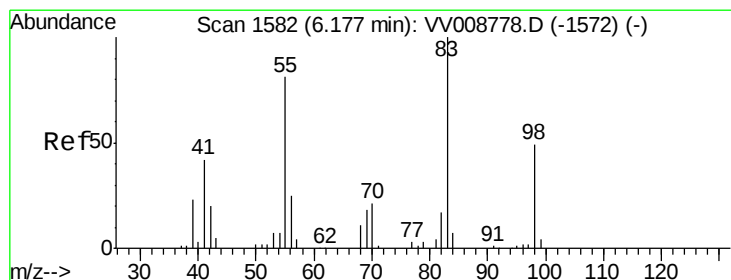
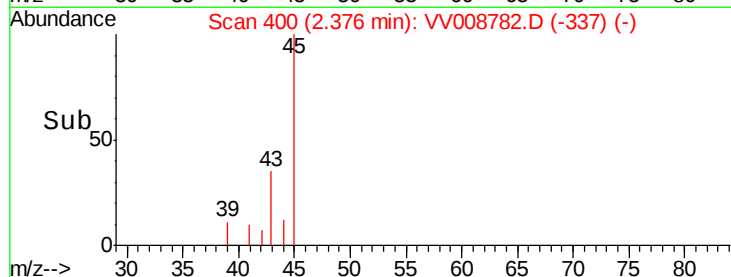
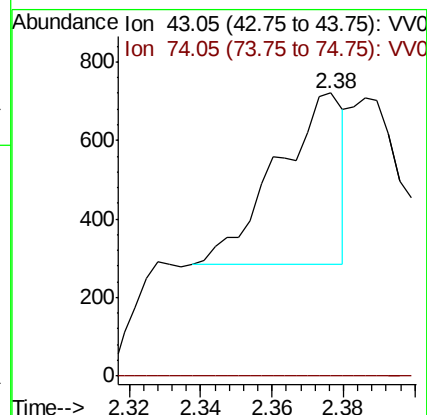
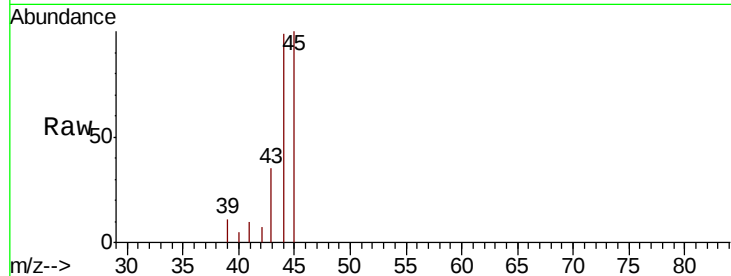
YALT2

Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008782.D

Acq: 29 Nov 2018 23:24

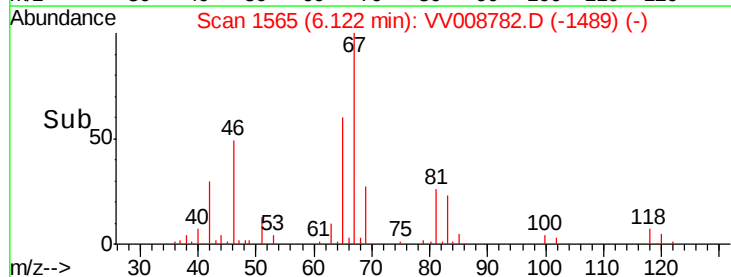
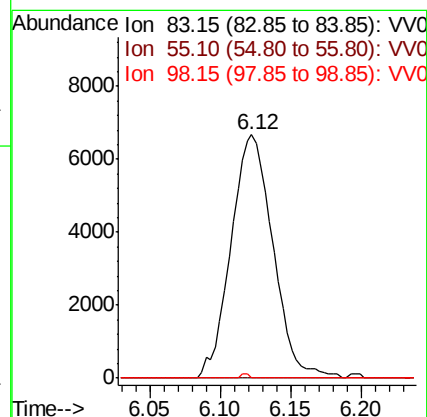
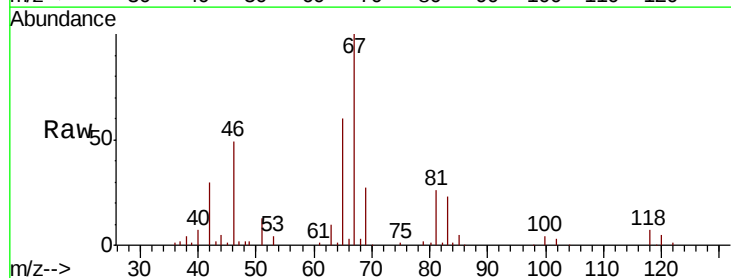
Tgt Ion: 83 Resp: 13897

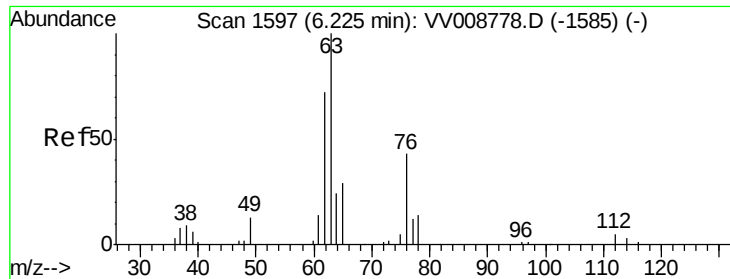
Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

98 0.3 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008782.D

Acq: 29 Nov 2018 23:24

Instrument :

MSVOA_V

ClientSampleId :

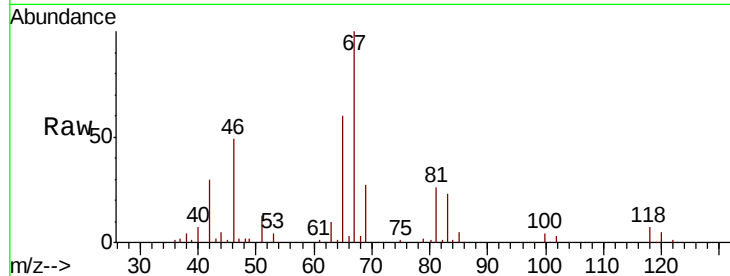
YALT2

Tgt Ion: 63 Resp: 5717

Ion Ratio Lower Upper

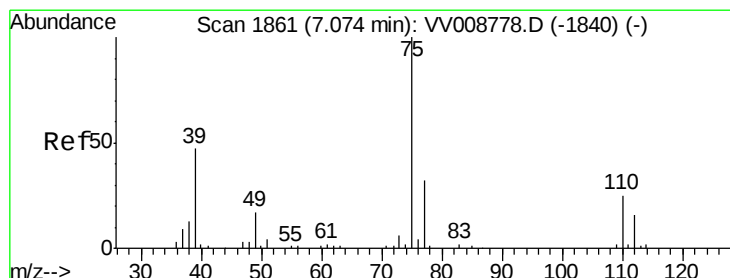
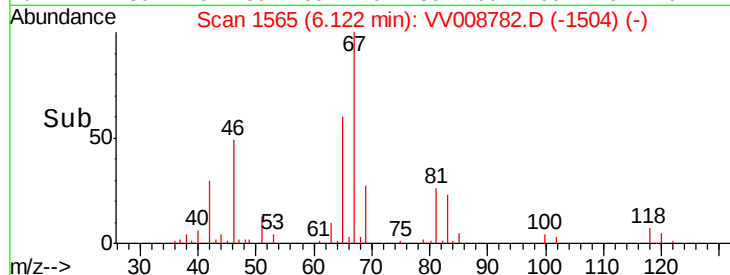
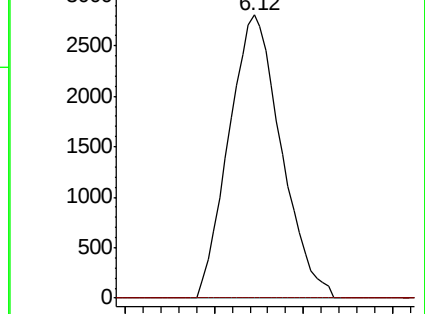
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV008778.D (-1585) (-)

Ion 112.10 (111.80 to 112.80): VV008778.D (-1585) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008782.D

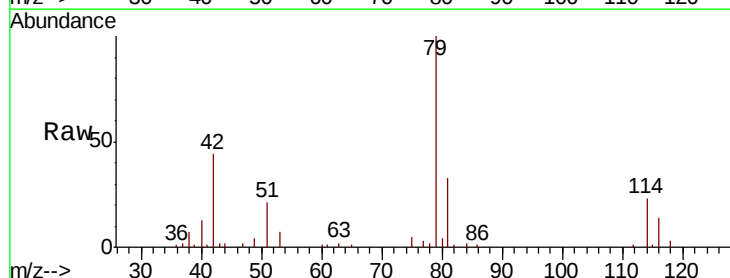
Acq: 29 Nov 2018 23:24

Tgt Ion: 75 Resp: 1374

Ion Ratio Lower Upper

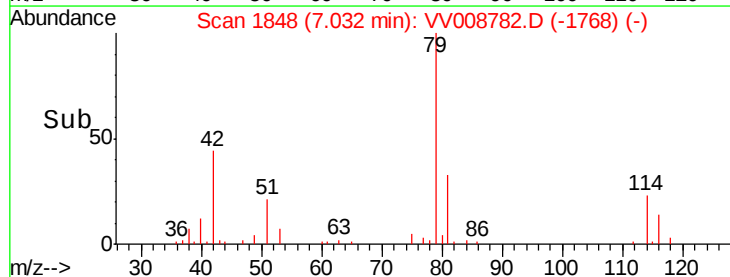
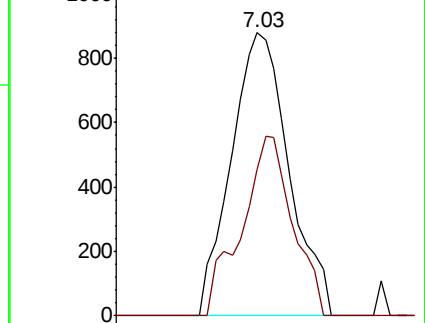
75 100

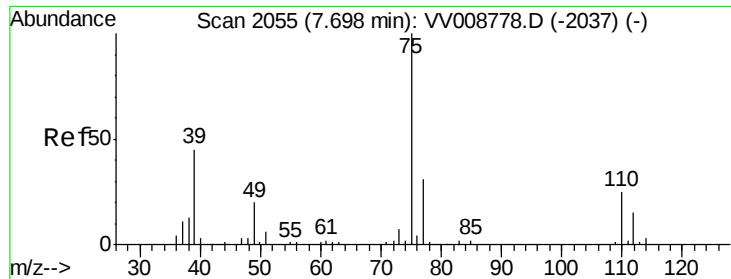
77 51.9 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV008778.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV008778.D (-1840) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008782.D

Acq: 29 Nov 2018 23:24

Instrument :

MSVOA_V

ClientSampleId :

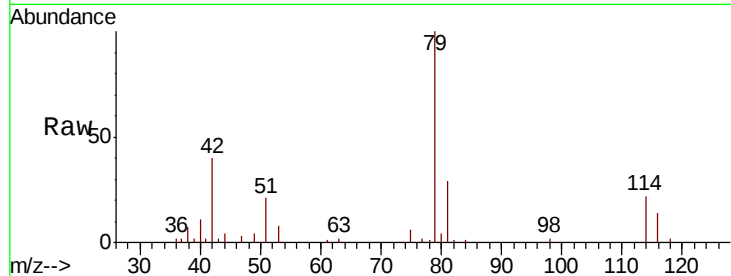
YALT2

Tgt Ion: 75 Resp: 881

Ion Ratio Lower Upper

75 100

77 30.7 21.3 39.5



Abundance Ion 75.05 (74.75 to 75.75): VV008778.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV008778.D (-2037) (-)

600

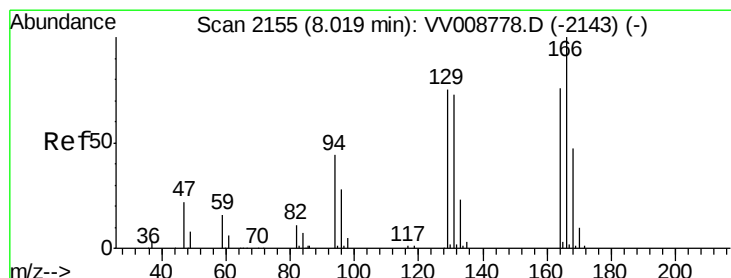
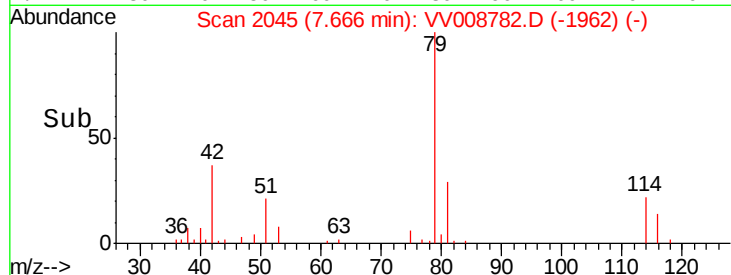
400

200

0

7.64 7.66 7.68 7.70

Time-->



#47

Tetrachloroethene

Concen: 1.065 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008782.D

Acq: 29 Nov 2018 23:24

Tgt Ion: 164 Resp: 9129

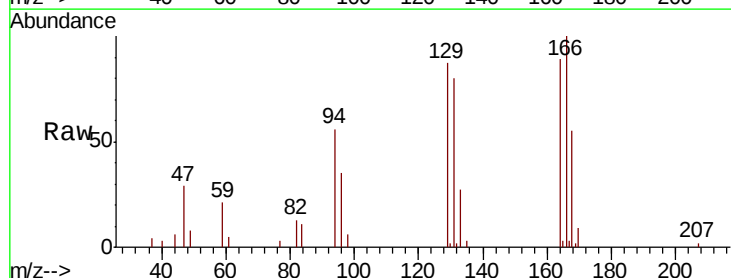
Ion Ratio Lower Upper

164 100

129 97.5 67.5 125.3

131 89.9 65.9 122.5

166 112.2 89.2 165.6



Abundance Ion 163.90 (163.60 to 164.60): VV008778.D (-2143) (-)

Ion 128.95 (128.65 to 129.65): VV008778.D (-2143) (-)

Ion 130.95 (130.65 to 131.65): VV008778.D (-2143) (-)

Ion 165.90 (165.60 to 166.60): VV008778.D (-2143) (-)

10000

8000

6000

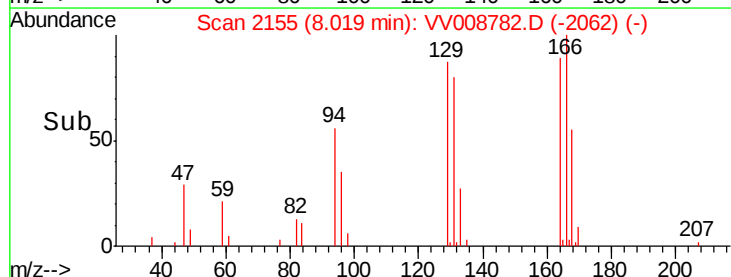
4000

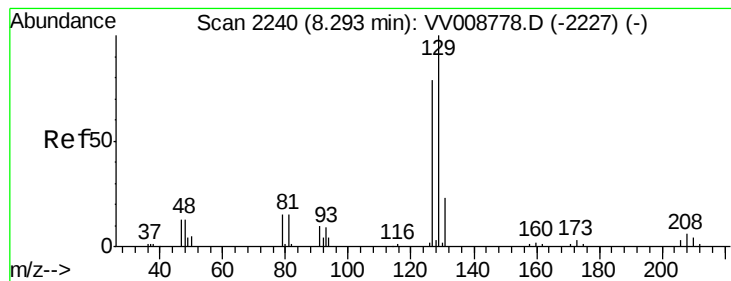
2000

0

7.95 8.00 8.05

Time-->





#49

Dibromochloromethane

Concen: 1.195 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008782.D

Acq: 29 Nov 2018 23:24

Instrument :
MSVOA_V
ClientSampleId :
YALT2

Tgt Ion:129 Resp: 8556

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#

