

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008780.D
 Acq On : 29 Nov 2018 22:34
 Operator : SY/MD
 Sample : J6076-19
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALTO

Quant Time: Nov 30 06:27:14 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	142904	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47207	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.59	69	32591	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.14	63	63029	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.96	46	108949	49.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.41	84	92156	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.09	65	45972	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	196819	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	57459	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	172996	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	18569	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	77327	45.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33766	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	59823	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

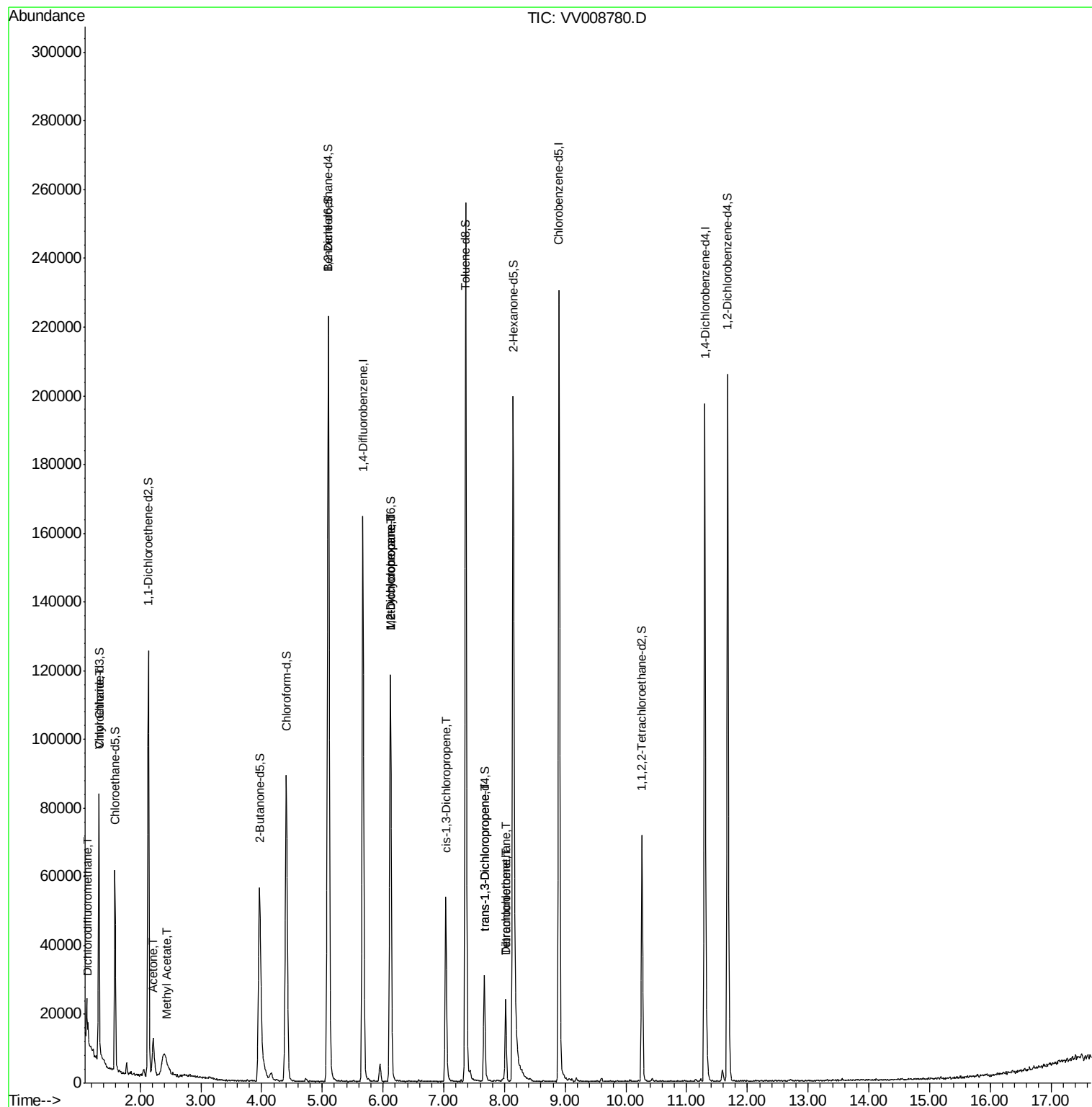
					Qvalue
2) Dichlorodifluoromethane	1.14	85	3167	0.250 ug/L	98
8) Chloroethane	1.32	64	788	0.146 ug/L #	1
13) Acetone	2.22	43	16545	14.992 ug/L	97
15) Methyl Acetate	2.45	43	1527	0.517 ug/L #	50
35) Methylcyclohexane	6.12	83	13595	0.782 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6595	0.673 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1369	0.106 ug/L #	73
44) trans-1,3-Dichloropropene	7.67	75	839	0.083 ug/L	93
47) Tetrachloroethene	8.02	164	5376	0.634 ug/L	91
49) Dibromochloromethane	8.02	129	5010	0.708 ug/L #	10

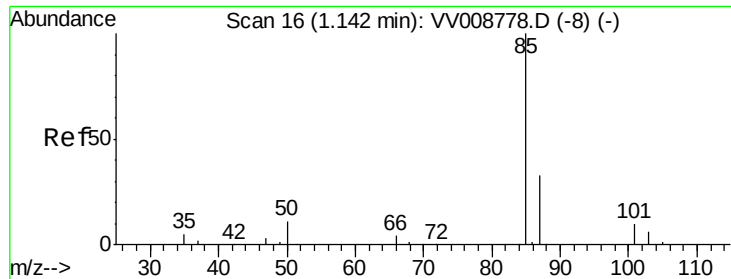
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#2

Dichlorodifluoromethane

Concen: 0.250 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008780.D

Acq: 29 Nov 2018 22:34

Instrument :

MSVOA_V

ClientSampleId :

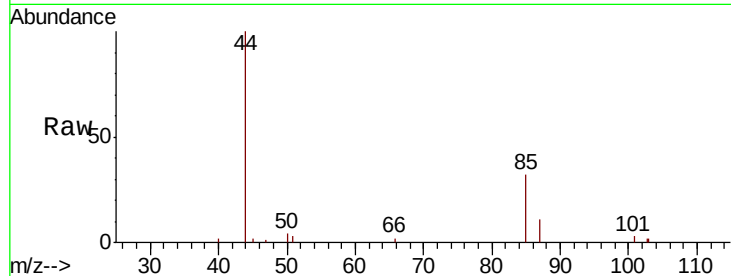
YALTO

Tgt Ion: 85 Resp: 3167

Ion Ratio Lower Upper

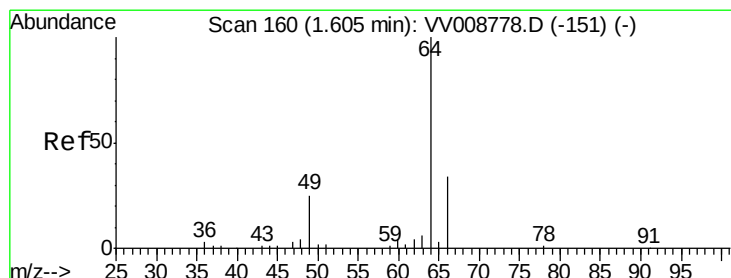
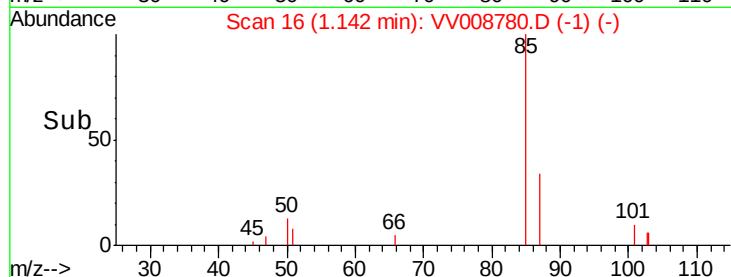
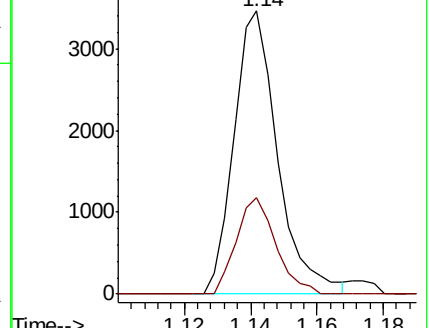
85 100

87 30.8 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: 0.146 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008780.D

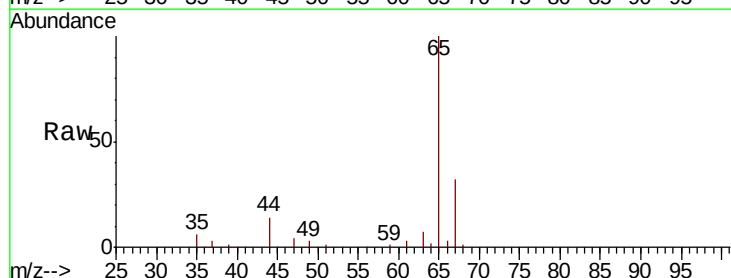
Acq: 29 Nov 2018 22:34

Tgt Ion: 64 Resp: 788

Ion Ratio Lower Upper

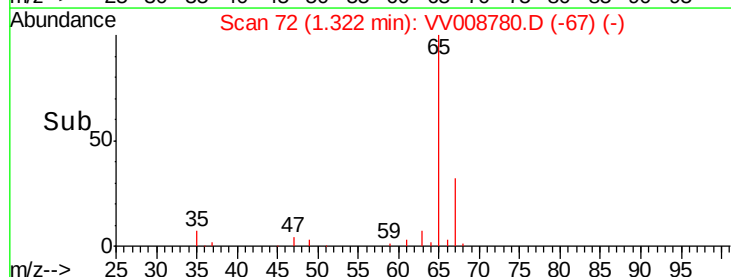
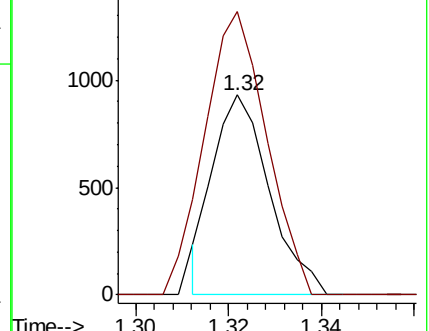
64 100

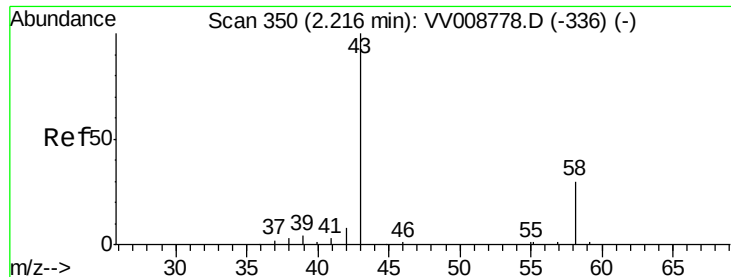
66 141.7 21.8 40.6#



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

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





#13

Acetone

Concen: 14.992 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV008780.D

Acq: 29 Nov 2018 22:34

Instrument :

MSVOA_V

ClientSampleId :

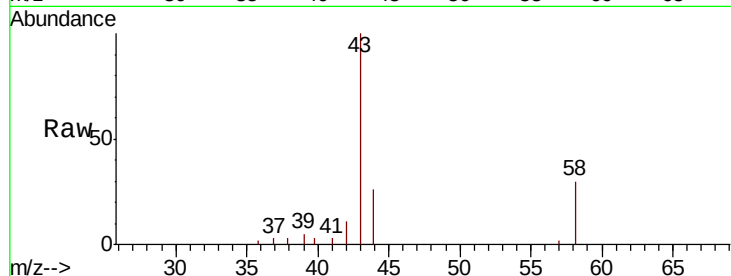
YALTO

Tgt Ion: 43 Resp: 16545

Ion Ratio Lower Upper

43 100

58 28.2 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008778.D (-336) (-)

8000

6000

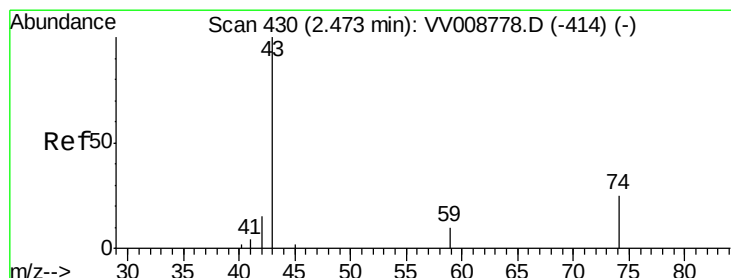
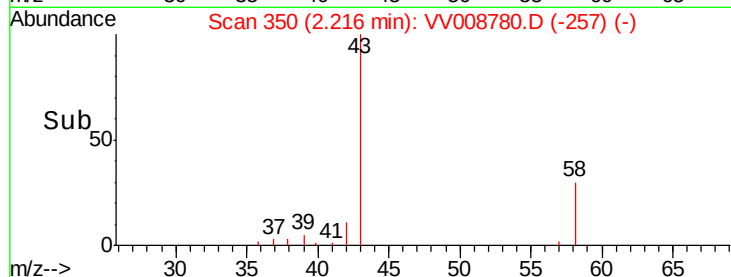
4000

2000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 0.517 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.02 min

Lab File: VV008780.D

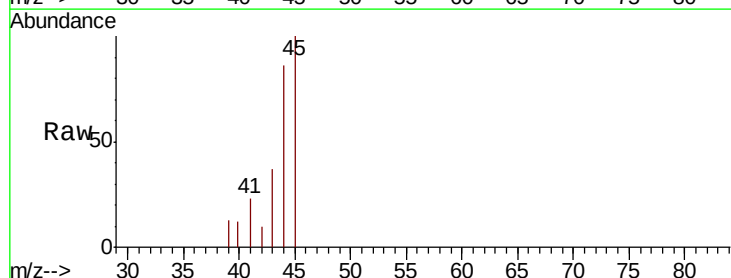
Acq: 29 Nov 2018 22:34

Tgt Ion: 43 Resp: 1527

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VV008778.D (-414) (-)

1200

1000

800

600

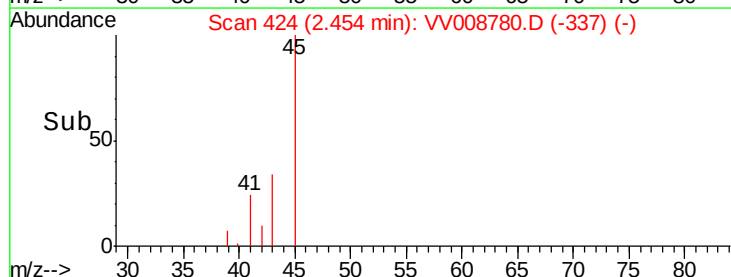
400

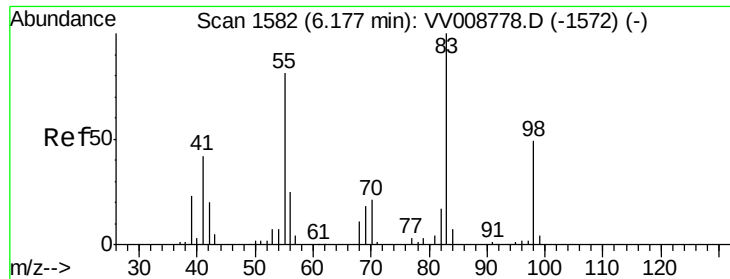
200

0

Time-->

2.45 2.50

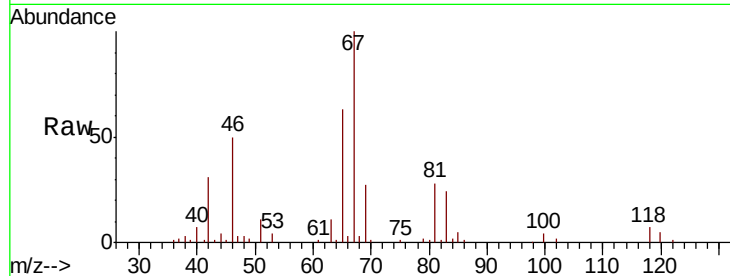




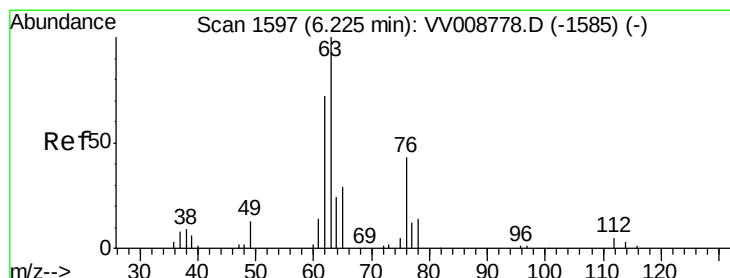
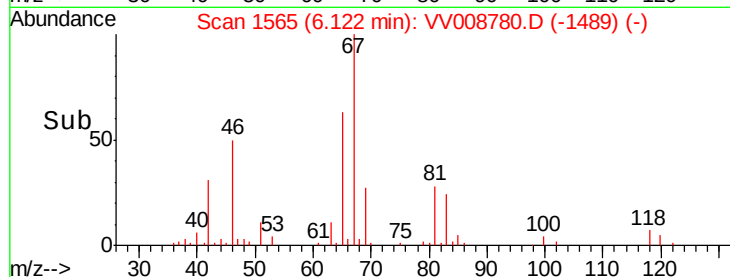
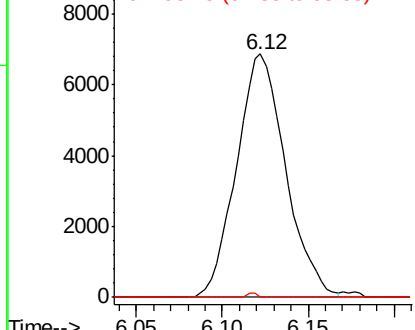
#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008780.D
Acq: 29 Nov 2018 22:34

Instrument :
MSVOA_V
ClientSampled :
YALTO

Tgt Ion: 83 Resp: 13595
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.3 37.4 56.2#

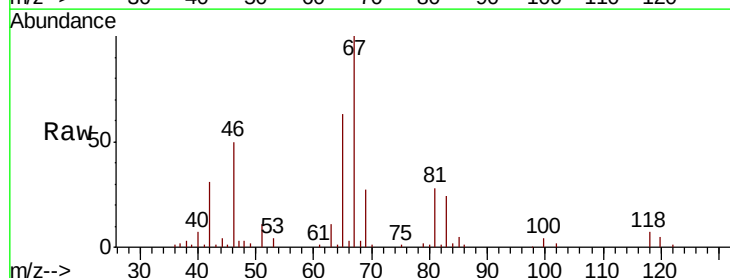


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

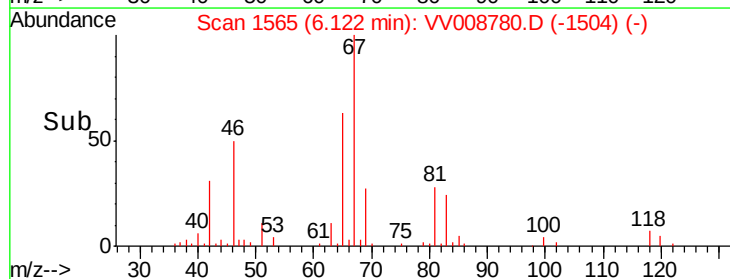
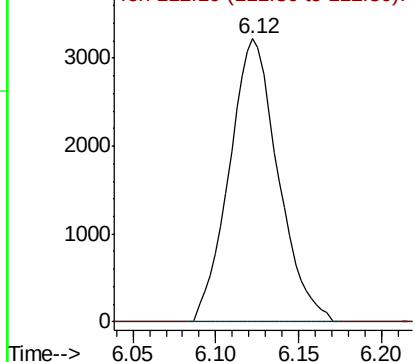


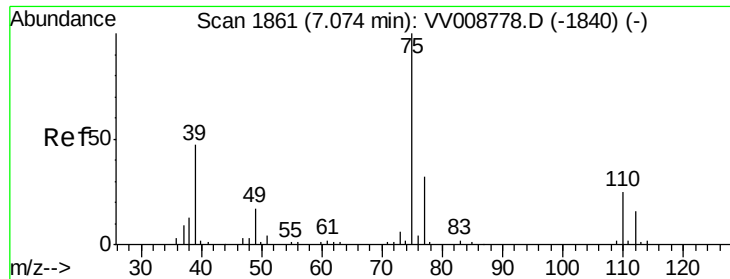
#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008780.D
Acq: 29 Nov 2018 22:34

Tgt Ion: 63 Resp: 6595
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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



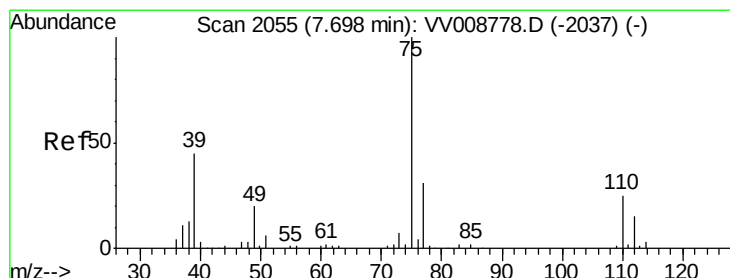
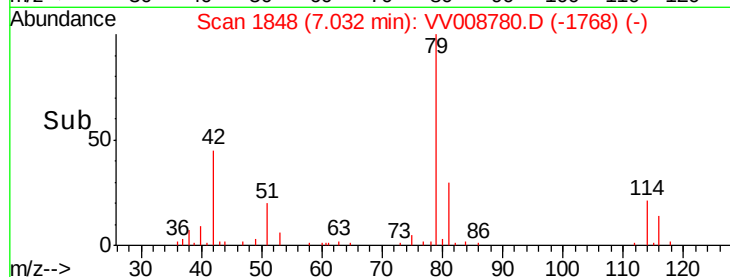
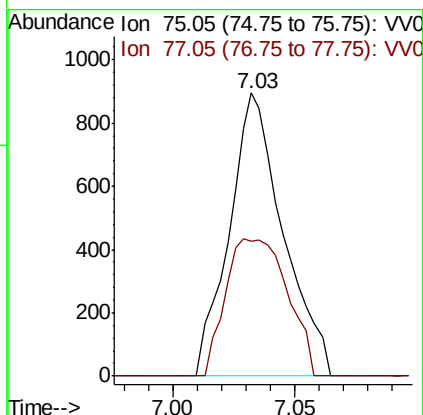
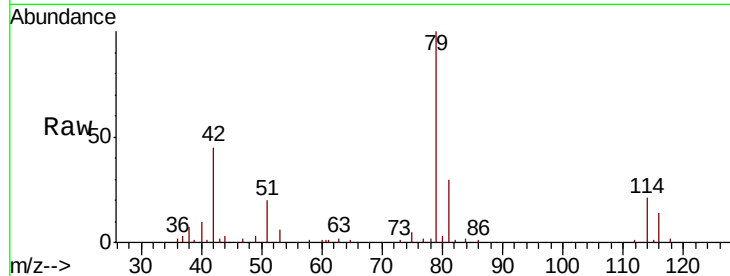


#39

cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008780.D
 Acq: 29 Nov 2018 22:34

Instrument :
 MSVOA_V
 ClientSampleId :
 YALT0

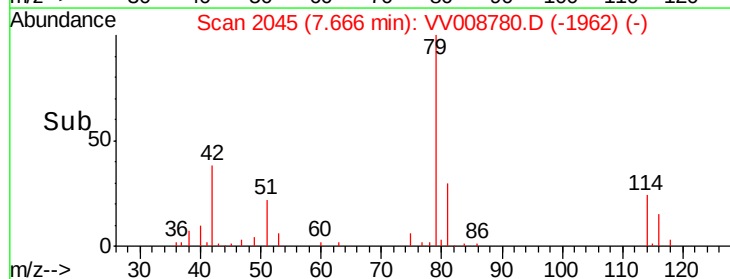
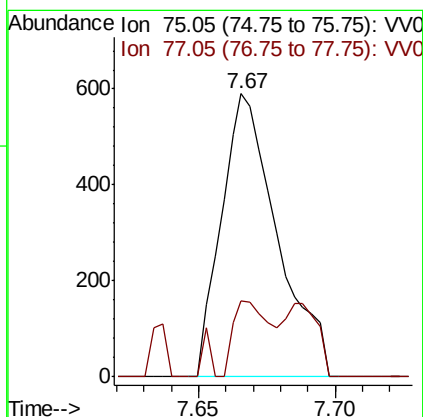
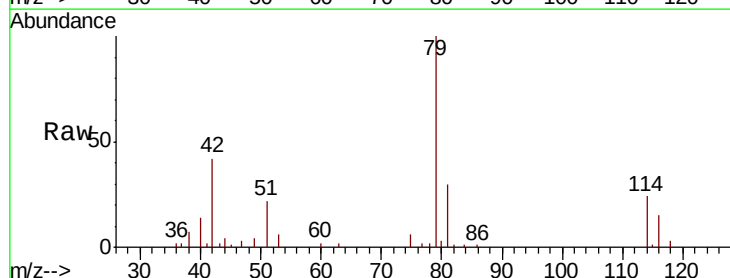
Tgt Ion: 75 Resp: 1369
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.8 42.4#

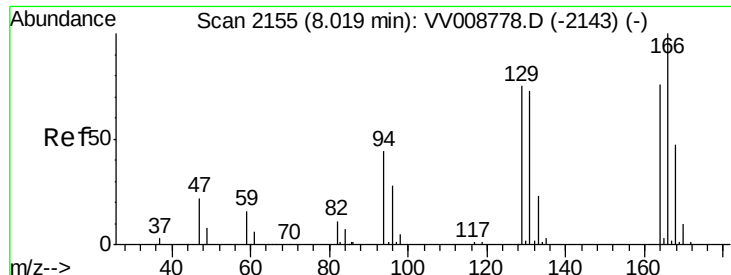


#44

trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008780.D
 Acq: 29 Nov 2018 22:34

Tgt Ion: 75 Resp: 839
 Ion Ratio Lower Upper
 75 100
 77 26.8 21.3 39.5





#47

Tetrachloroethene

Concen: 0.634 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008780.D

Acq: 29 Nov 2018 22:34

Instrument :
MSVOA_V
ClientSampleId :
YALT0

Tgt Ion:164 Resp: 5376

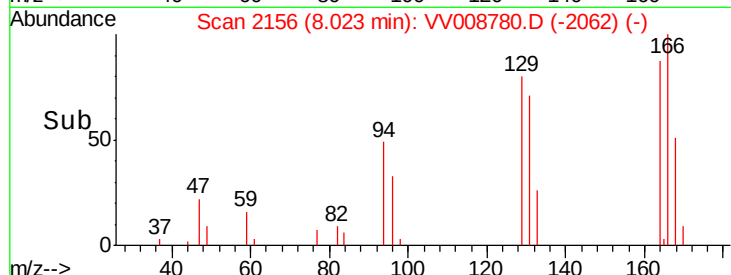
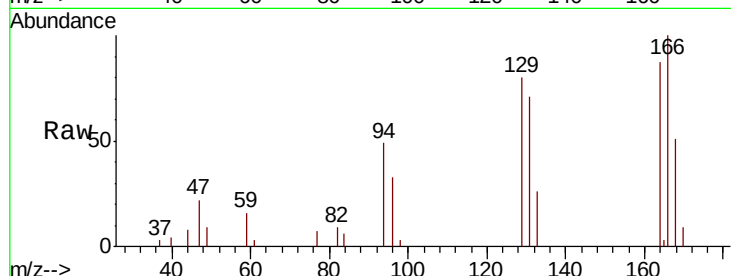
Ion Ratio Lower Upper

164 100

129 91.7 67.5 125.3

131 82.0 65.9 122.5

166 115.3 89.2 165.6

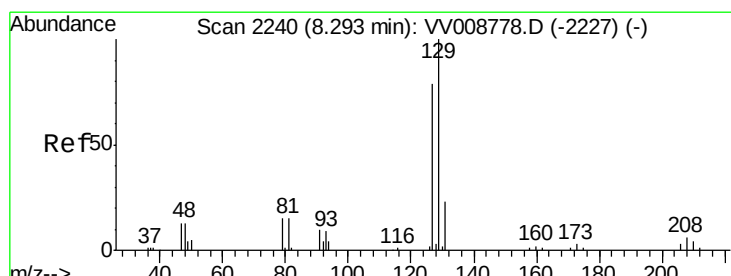
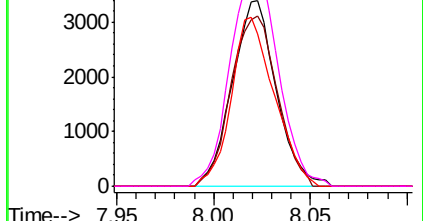


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.708 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008780.D

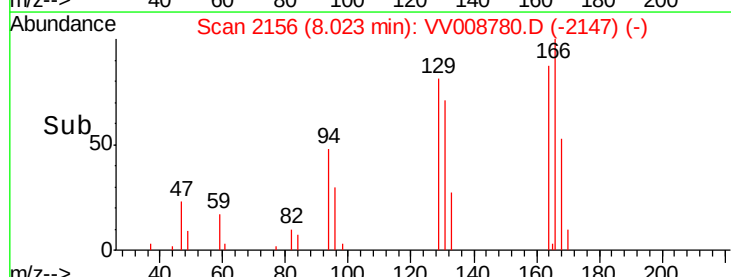
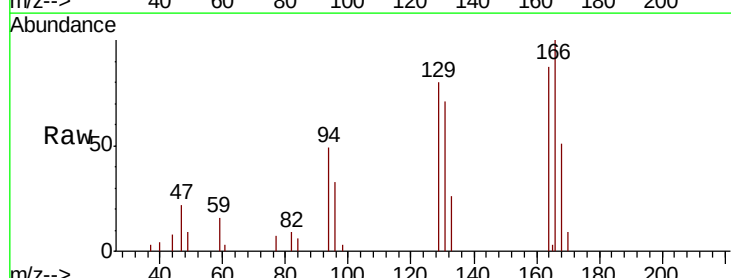
Acq: 29 Nov 2018 22:34

Tgt Ion:129 Resp: 5010

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

