

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008792.D
 Acq On : 30 Nov 2018 03:37
 Operator : SY/MD
 Sample : J6136-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR4

Quant Time: Nov 30 06:28:43 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	138085	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127328	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42054	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.59	69	29798	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.14	63	60084	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.96	46	104588	48.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	4.41	84	87963	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.09	65	43540	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	187847	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	53804	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	165327	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	16447	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.14	63	75817	46.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34309	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	56609	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

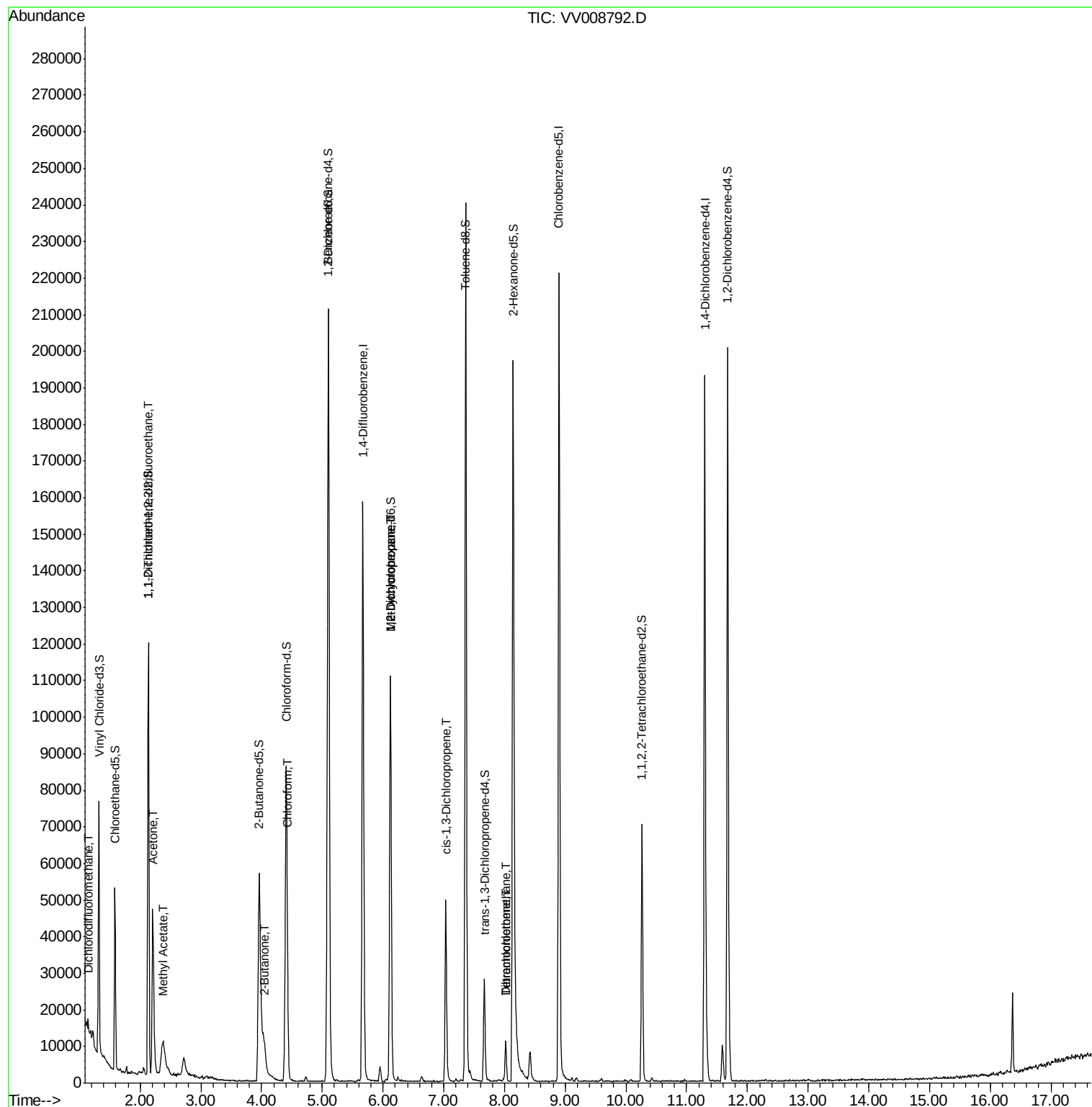
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.14	85	2150	0.176	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	637	0.082	ug/L #	29
13) Acetone	2.21	43	60506	56.740	ug/L	100
15) Methyl Acetate	2.37	43	2463	0.863	ug/L #	52
21) 2-Butanone	4.05	43	7717	3.610	ug/L	84
25) Chloroform	4.43	83	1475	0.082	ug/L	87
35) Methylcyclohexane	6.12	83	12977	0.771	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6272	0.661	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1051	0.084	ug/L #	57
47) Tetrachloroethene	8.02	164	2689	0.328	ug/L	94
49) Dibromochloromethane	8.02	129	2243	0.327	ug/L #	10

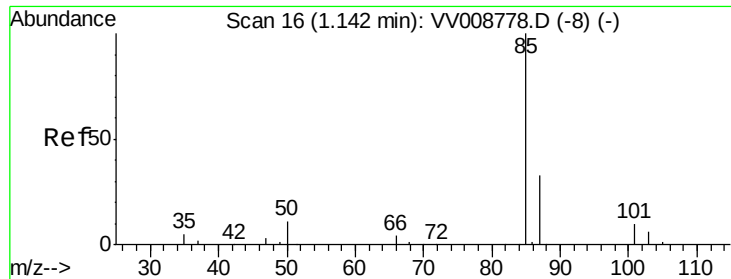
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#2

Dichlorodifluoromethane

Concen: 0.176 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008792.D

Acq: 30 Nov 2018 03:37

Instrument :

MSVOA_V

ClientSampleId :

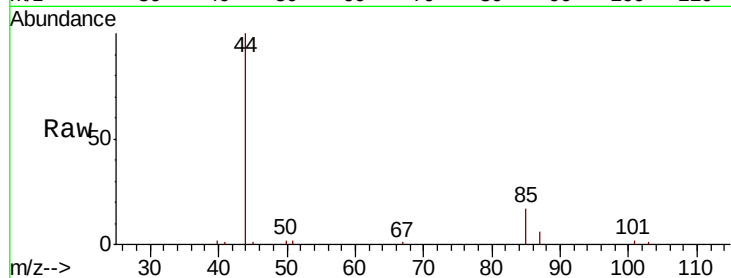
YALR4

Tgt Ion: 85 Resp: 2150

Ion Ratio Lower Upper

85 100

87 32.2 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) (-)

1.14

2500

2000

1500

1000

500

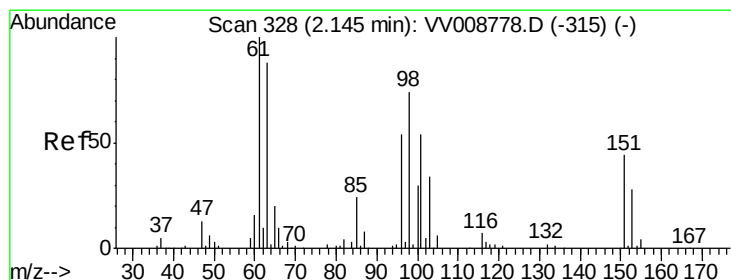
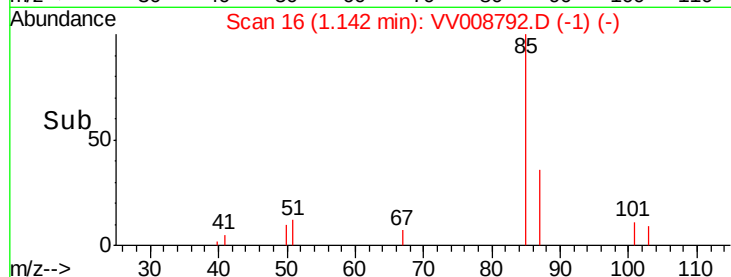
0

Time-->

1.10

1.15

1.20



#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: VV008792.D

Acq: 30 Nov 2018 03:37

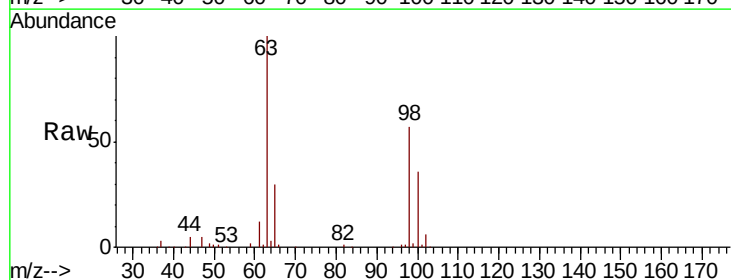
Tgt Ion: 101 Resp: 637

Ion Ratio Lower Upper

101 100

85 6.8 33.1 49.7#

151 10.5 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): VV008778.D (-315) (-)

Ion 85.00 (84.70 to 85.70): VV008778.D (-315) (-)

Ion 151.00 (150.70 to 151.70): VV008778.D (-315) (-)

2.13

600

500

400

300

200

100

0

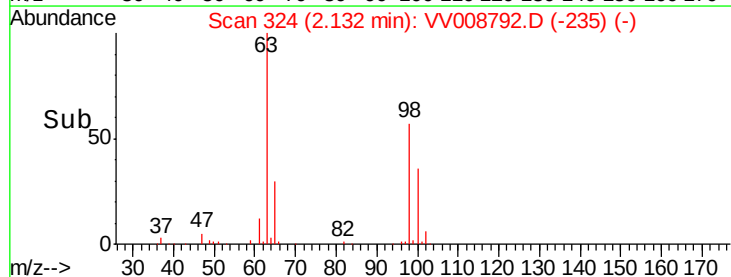
Time-->

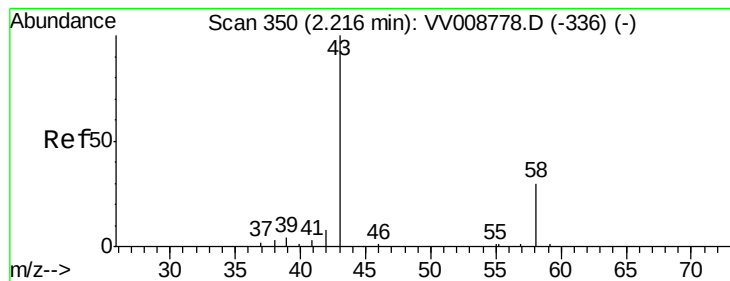
2.10

2.12

2.14

2.16





#13

Acetone

Concen: 56.740 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV008792.D

Acq: 30 Nov 2018 03:37

Instrument :

MSVOA_V

ClientSampleId :

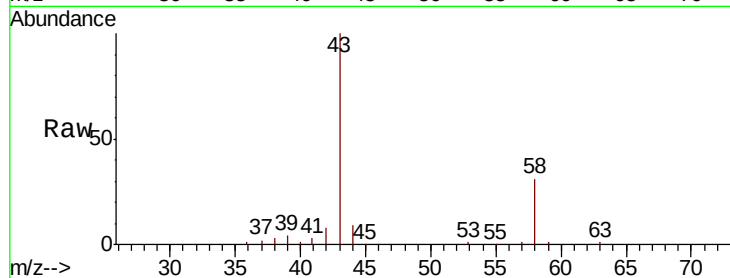
YALR4

Tgt Ion: 43 Resp: 60506

Ion Ratio Lower Upper

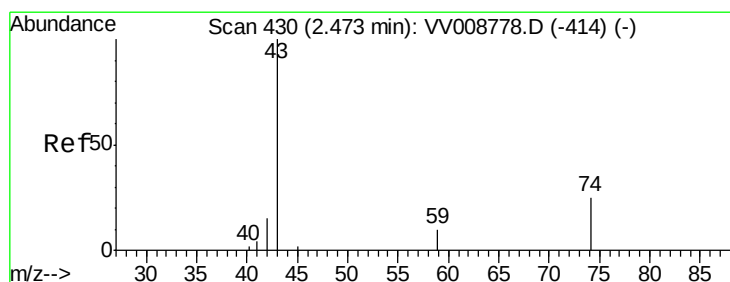
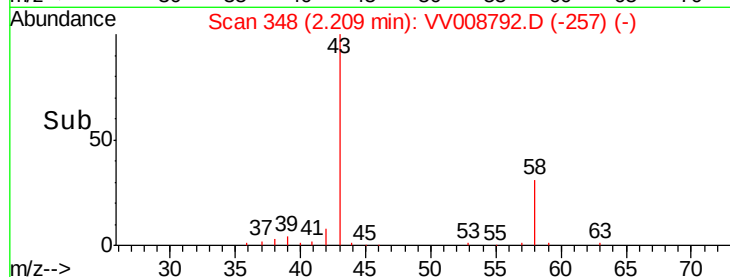
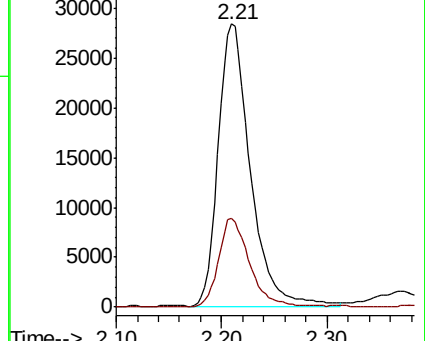
43 100

58 30.0 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) (-)



#15

Methyl Acetate

Concen: 0.863 ug/L

RT: 2.37 min Scan# 398

Delta R.T. -0.10 min

Lab File: VV008792.D

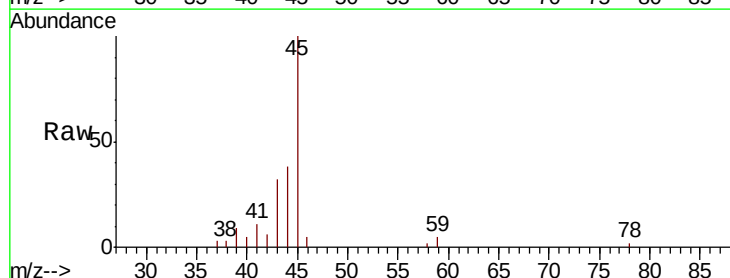
Acq: 30 Nov 2018 03:37

Tgt Ion: 43 Resp: 2463

Ion Ratio Lower Upper

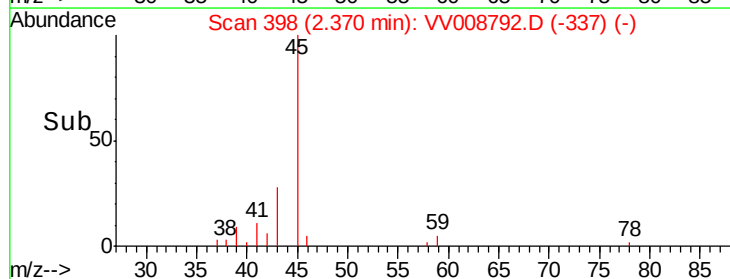
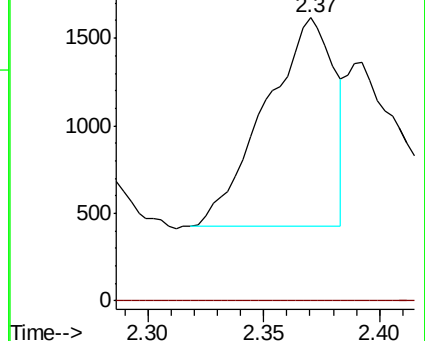
43 100

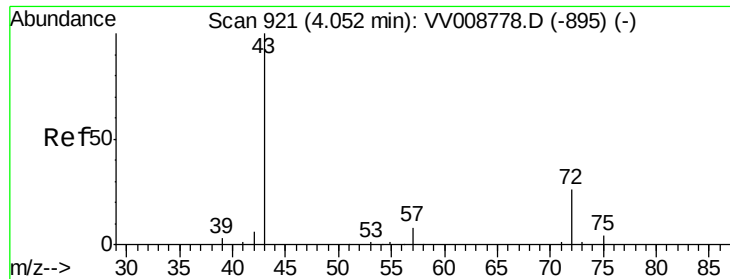
74 0.9 20.0 30.0#



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

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





#21

2-Butanone

Concen: 3.610 ug/L

RT: 4.05 min Scan# 921

Delta R.T. 0.00 min

Lab File: VV008792.D

Acq: 30 Nov 2018 03:37

Instrument :

MSVOA_V

ClientSampleId :

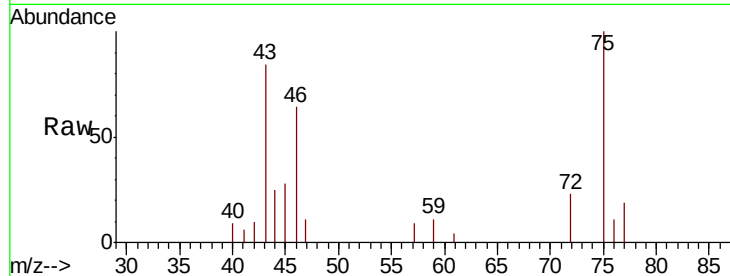
YALR4

Tgt Ion: 43 Resp: 7717

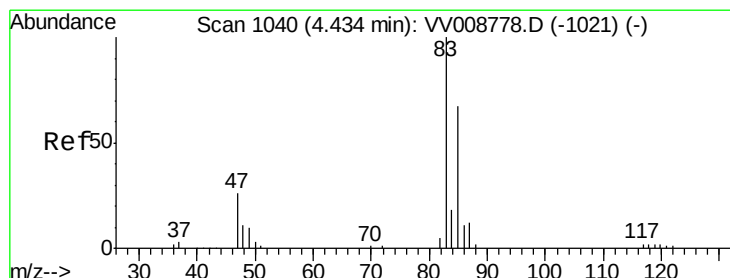
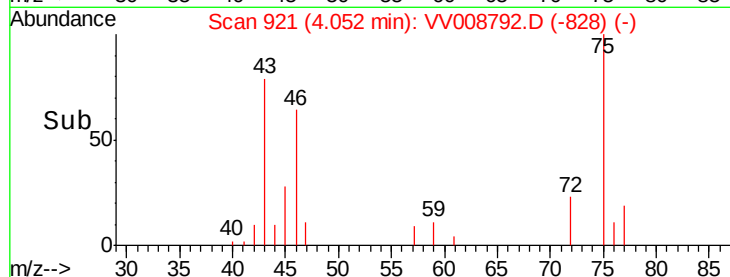
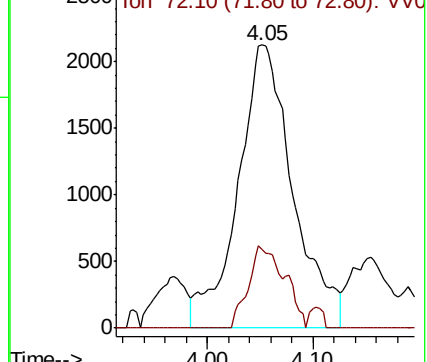
Ion Ratio Lower Upper

43 100

72 19.1 13.6 40.8



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-895) (-)



#25

Chloroform

Concen: 0.082 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV008792.D

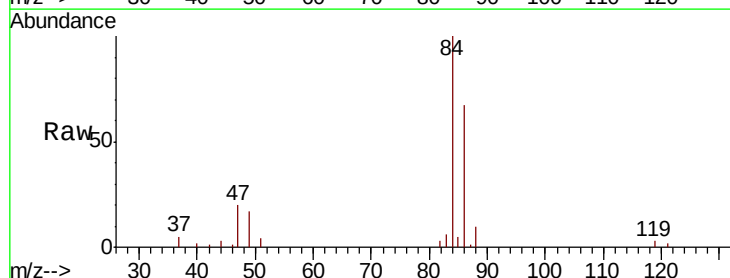
Acq: 30 Nov 2018 03:37

Tgt Ion: 83 Resp: 1475

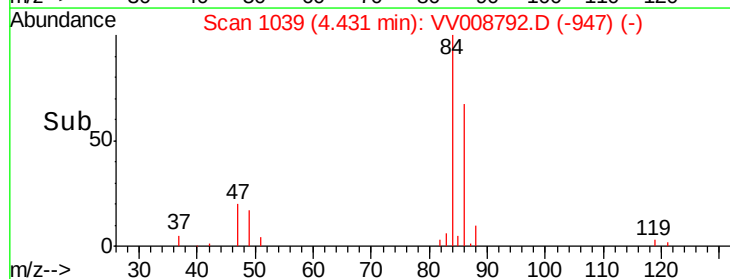
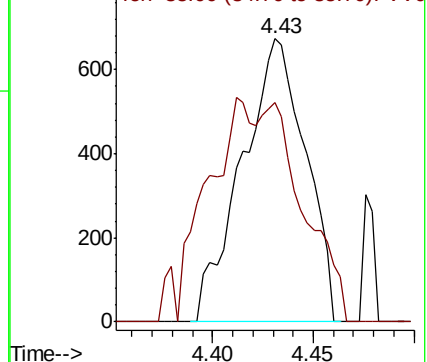
Ion Ratio Lower Upper

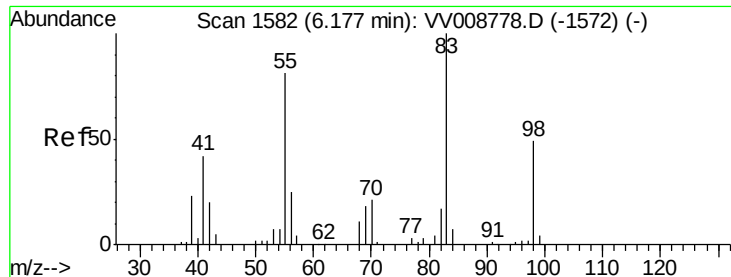
83 100

85 77.6 47.0 87.4



Abundance Ion 83.05 (82.75 to 83.75): VV008778.D (-1021) (-)

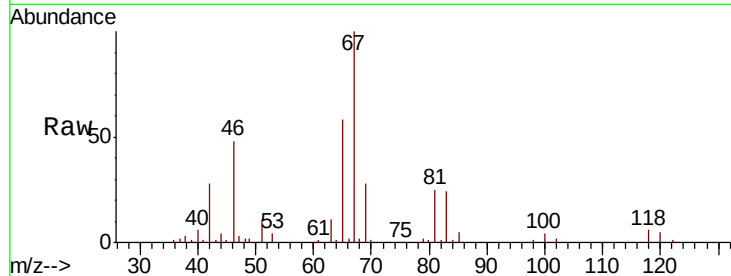




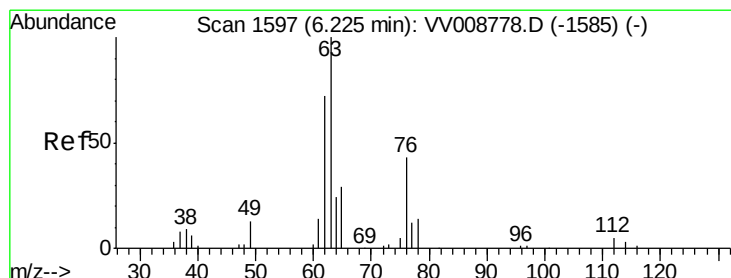
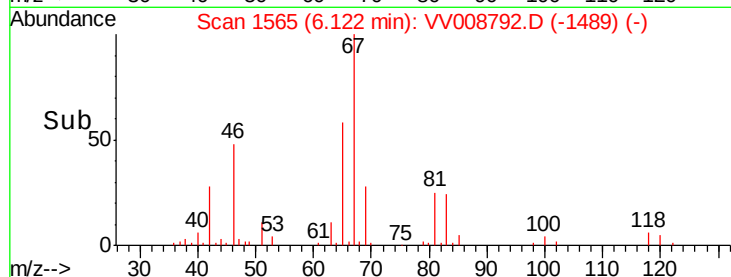
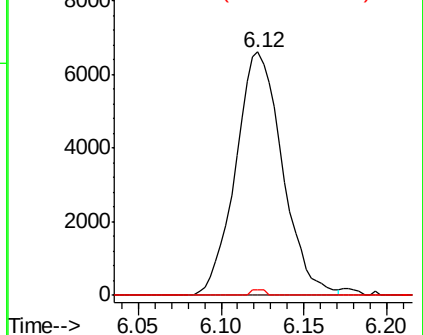
#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008792.D
Acq: 30 Nov 2018 03:37

Instrument :
MSVOA_V
ClientSampleId :
YALR4

Tgt Ion: 83 Resp: 12977
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.7 37.4 56.2#

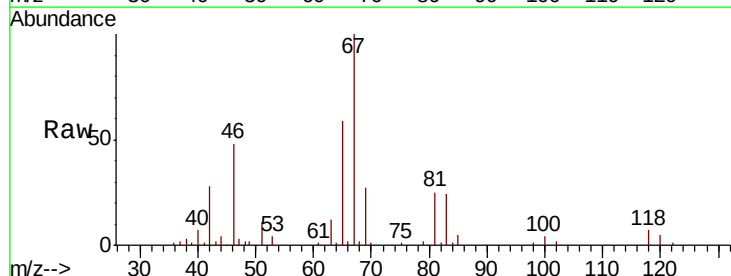


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

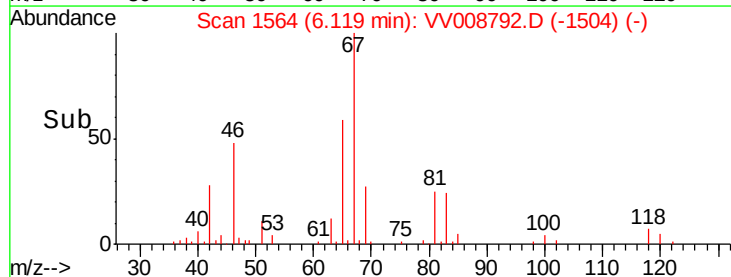
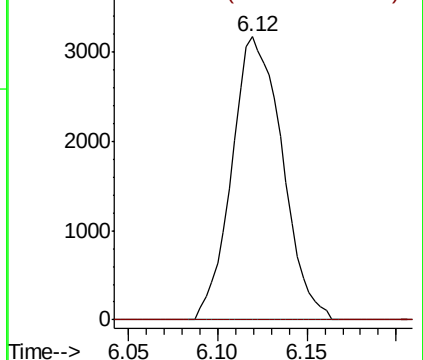


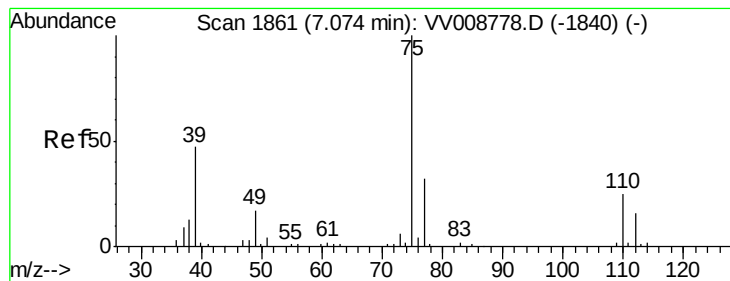
#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008792.D
Acq: 30 Nov 2018 03:37

Tgt Ion: 63 Resp: 6272
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: 0.084 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008792.D

Acq: 30 Nov 2018 03:37

Instrument :

MSVOA_V

ClientSampleId :

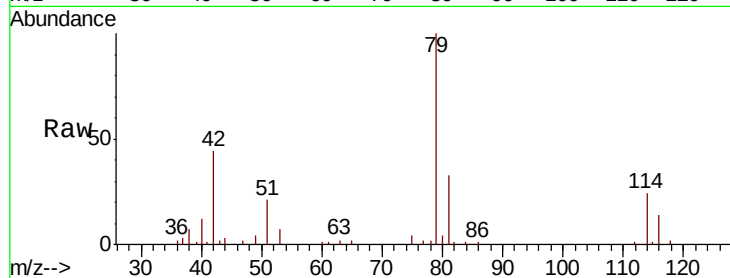
YALR4

Tgt Ion: 75 Resp: 1051

Ion Ratio Lower Upper

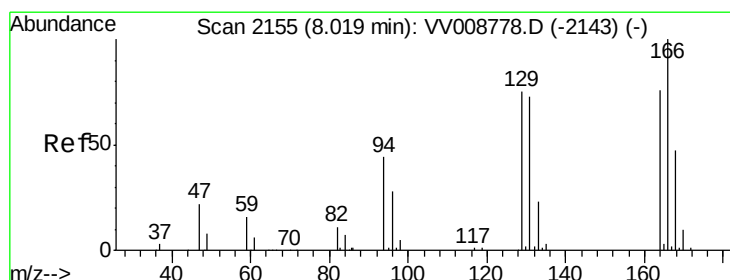
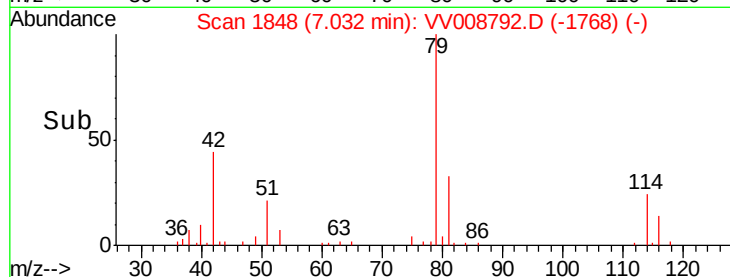
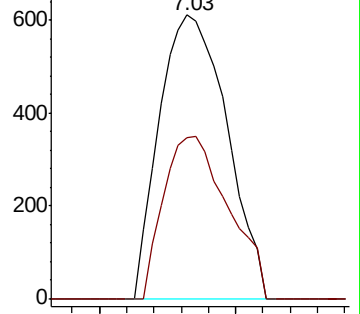
75 100

77 56.6 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) (-)



#47

Tetrachloroethene

Concen: 0.328 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008792.D

Acq: 30 Nov 2018 03:37

Tgt Ion: 164 Resp: 2689

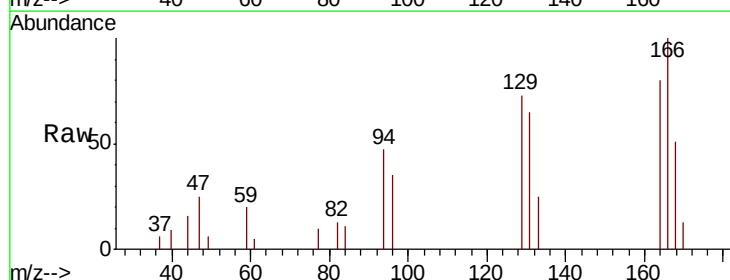
Ion Ratio Lower Upper

164 100

129 91.5 67.5 125.3

131 81.5 65.9 122.5

166 125.3 89.2 165.6

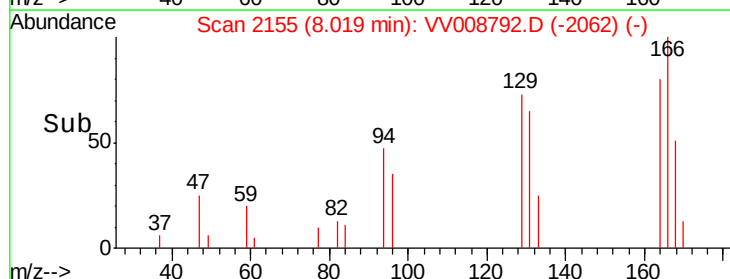
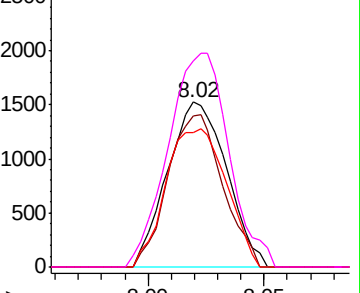


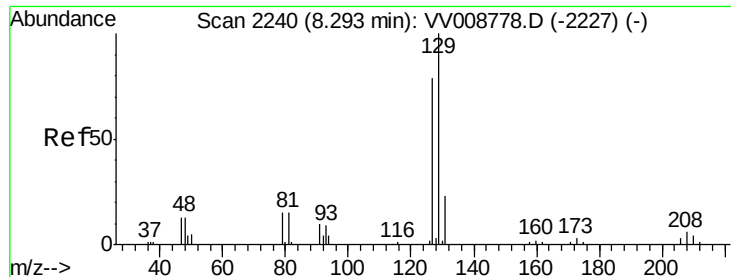
Abundance Ion 163.90 (163.60 to 164.60): VV008778.D (-2143) (-)

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) (-)





#49
 Dibromochloromethane
 Concen: 0.327 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.27 min
 Lab File: VV008792.D
 Acq: 30 Nov 2018 03:37

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR4

Tgt Ion:129 Resp: 2243
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.3 102.7#

