

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008796.D
 Acq On : 30 Nov 2018 05:19
 Operator : SY/MD
 Sample : J6136-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR9

Quant Time: Nov 30 06:29:08 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	131305	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	122045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54618	5.00	ug/L	0.00

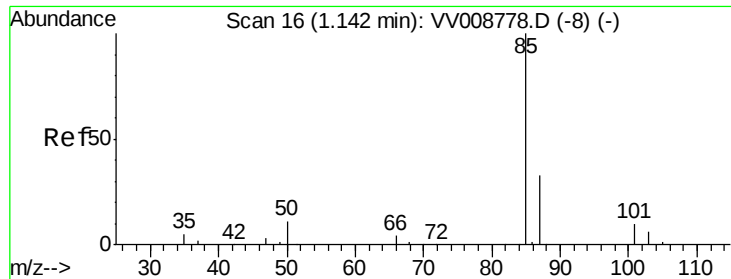
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44082	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.59	69	32290	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.14	63	62030	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.96	46	110034	54.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.16%
24) Chloroform-d	4.41	84	93474	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.09	65	47333	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	197241	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.12	67	57427	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	173552	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.67	79	17352	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	75134	48.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35201	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	60837	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1956	0.168 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1417	0.192 ug/L #	60
13) Acetone	2.21	43	103024	101.600 ug/L	99
15) Methyl Acetate	2.21	43	97311	35.858 ug/L #	51
21) 2-Butanone	4.05	43	8975	4.415 ug/L	90
27) 1,2-Dichloroethane	5.10	62	1095	0.111 ug/L #	74
35) Methylcyclohexane	6.12	83	14368	0.890 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6493	0.714 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	850	0.090 ug/L	90
47) Tetrachloroethene	8.02	164	2015	0.256 ug/L	89
48) 2-Hexanone	8.19	43	5250	1.588 ug/L #	38
49) Dibromochloromethane	8.02	129	1962	0.299 ug/L #	10

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



#2

Dichlorodifluoromethane

Concen: 0.168 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008796.D

Acq: 30 Nov 2018 05:19

Instrument :

MSVOA_V

ClientSampleId :

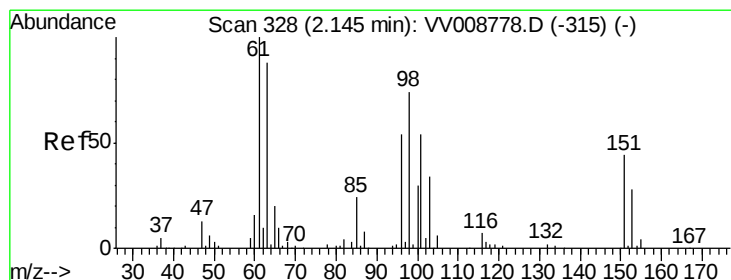
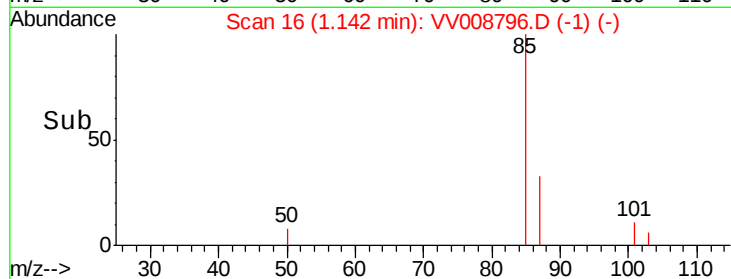
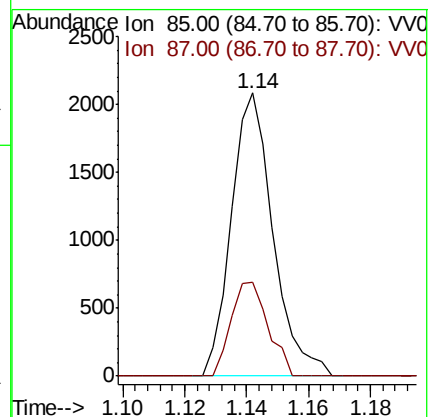
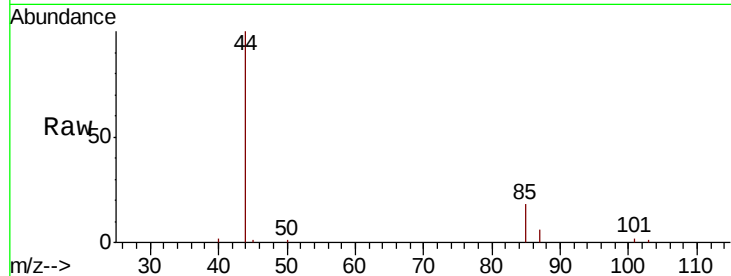
YALR9

Tgt Ion: 85 Resp: 1956

Ion Ratio Lower Upper

85 100

87 29.2 25.4 38.0



#10

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

Concen: 0.192 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008796.D

Acq: 30 Nov 2018 05:19

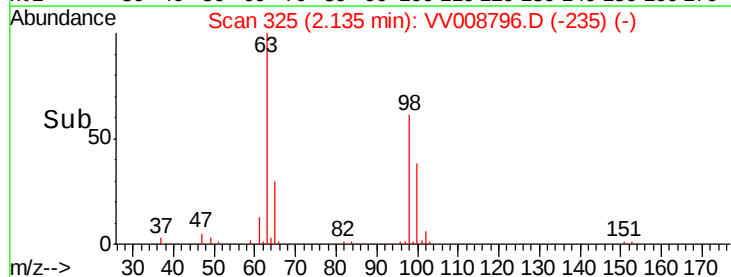
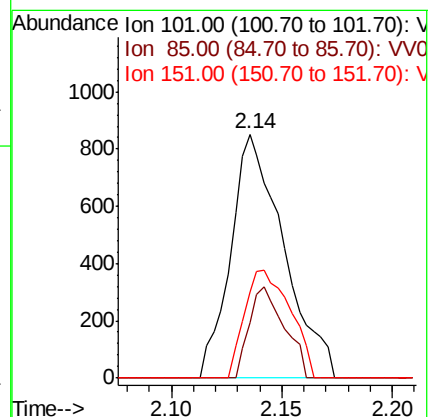
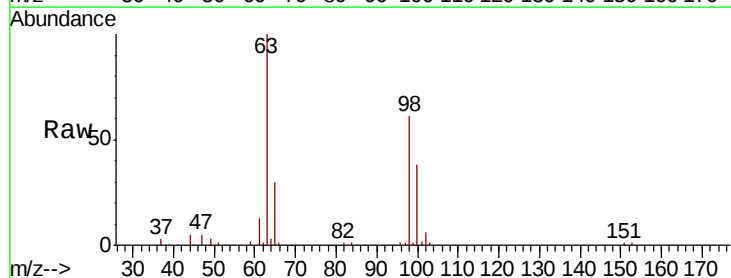
Tgt Ion: 101 Resp: 1417

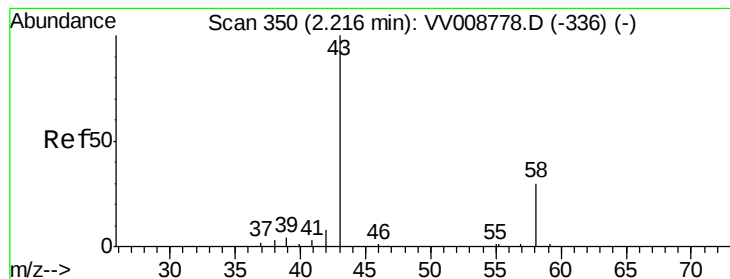
Ion Ratio Lower Upper

101 100

85 24.8 33.1 49.7#

151 38.2 63.8 95.8#





#13

Acetone

Concen: 101.600 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV008796.D

Acq: 30 Nov 2018 05:19

Instrument :

MSVOA_V

ClientSampleId :

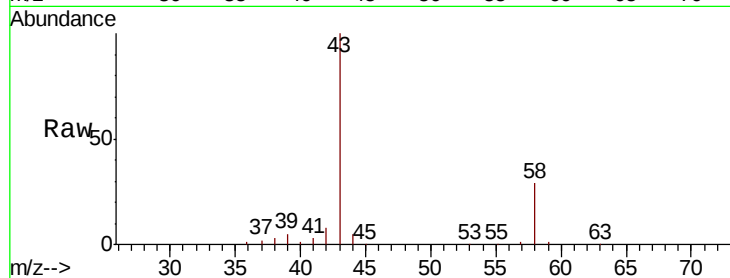
YALR9

Tgt Ion: 43 Resp: 103024

Ion Ratio Lower Upper

43 100

58 29.2 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) (-)

2.21

50000

40000

30000

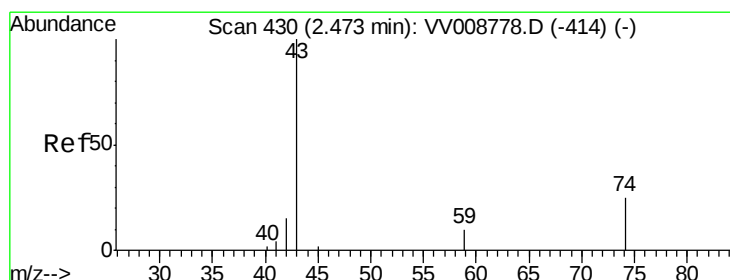
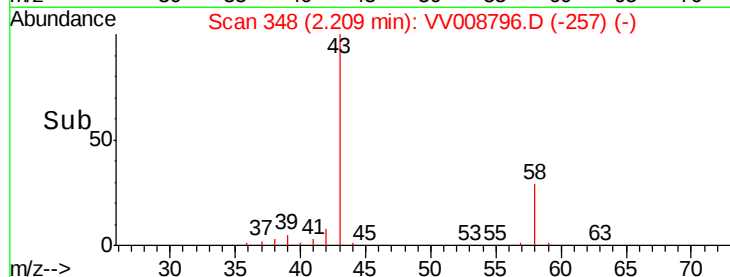
20000

10000

0

Time-->

2.10 2.20 2.30



#15

Methyl Acetate

Concen: 35.858 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.26 min

Lab File: VV008796.D

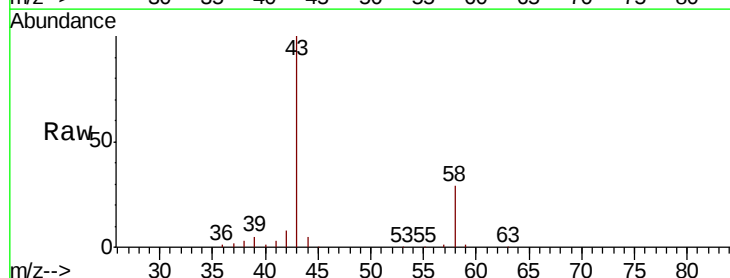
Acq: 30 Nov 2018 05:19

Tgt Ion: 43 Resp: 97311

Ion Ratio Lower Upper

43 100

74 0.2 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) (-)

2.21

60000

50000

40000

30000

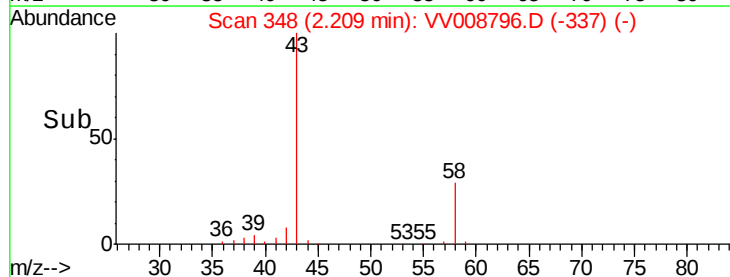
20000

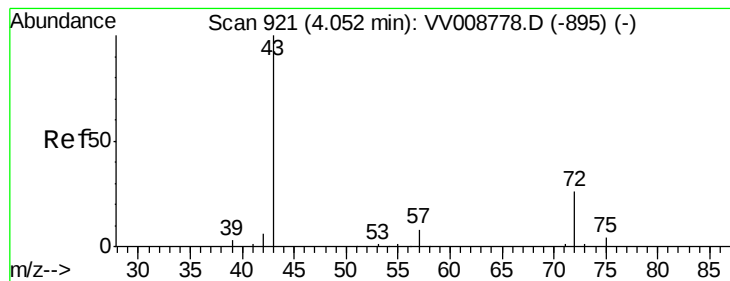
10000

0

Time-->

2.15 2.20 2.25 2.30





#21

2-Butanone

Concen: 4.415 ug/L

RT: 4.05 min Scan# 921

Delta R.T. 0.00 min

Lab File: VV008796.D

Acq: 30 Nov 2018 05:19

Instrument :

MSVOA_V

ClientSampled :

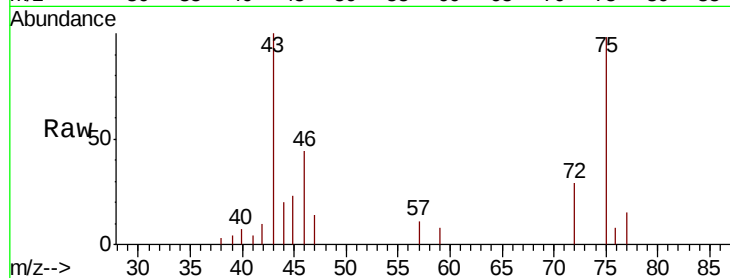
YALR9

Tgt Ion: 43 Resp: 8975

Ion Ratio Lower Upper

43 100

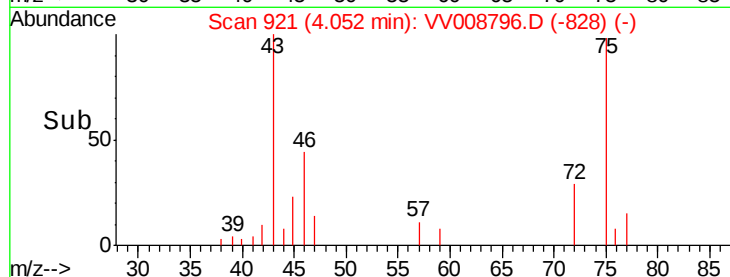
72 32.2 13.6 40.8



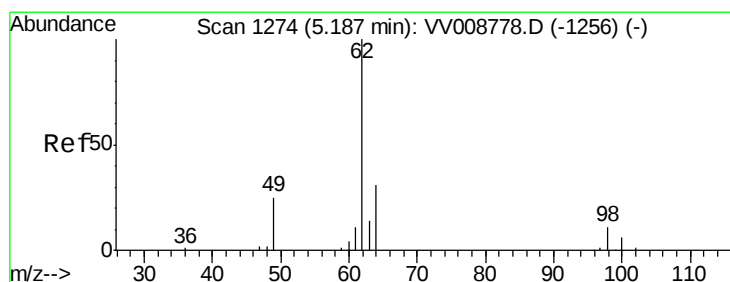
Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-895) (-)

Ion 72.10 (71.80 to 72.80): VV008778.D (-895) (-)

Time-->



Time-->



#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.09 min

Lab File: VV008796.D

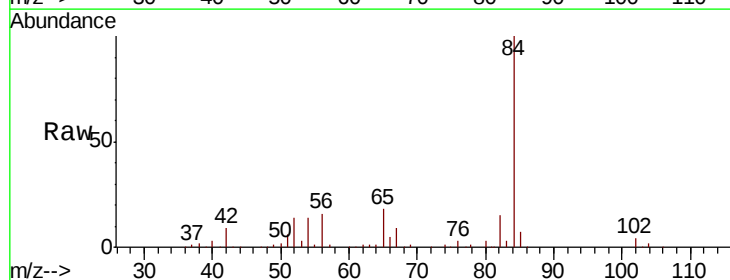
Acq: 30 Nov 2018 05:19

Tgt Ion: 62 Resp: 1095

Ion Ratio Lower Upper

62 100

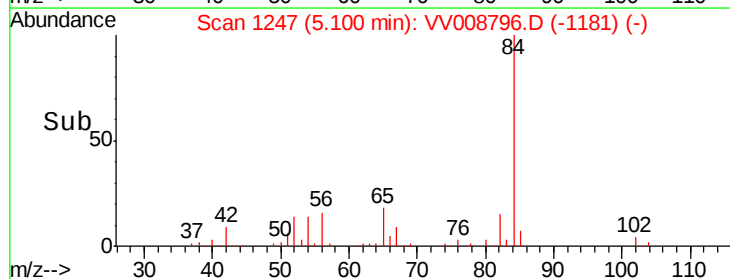
98 0.0 7.7 11.5#



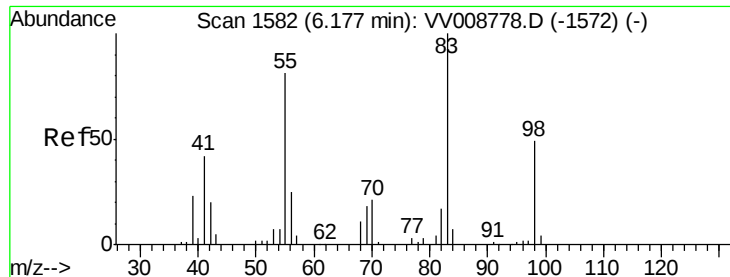
Abundance Ion 62.00 (61.70 to 62.70): VV008778.D (-1256) (-)

Ion 98.05 (97.75 to 98.75): VV008778.D (-1256) (-)

Time-->



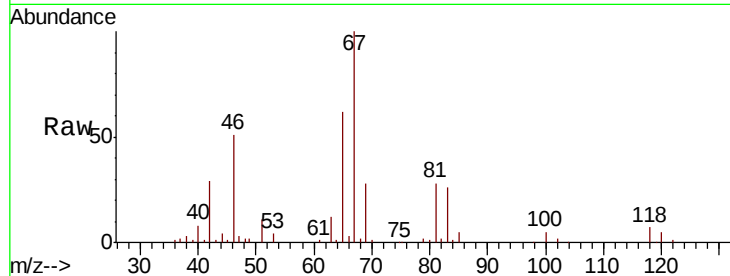
Time-->



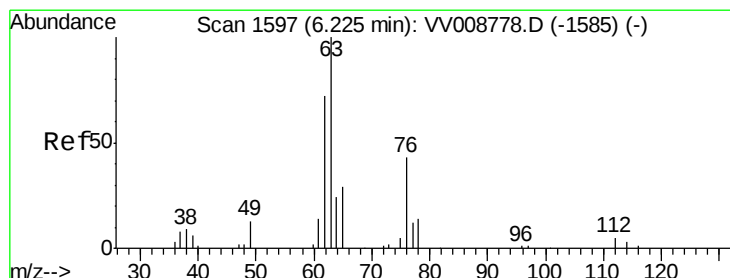
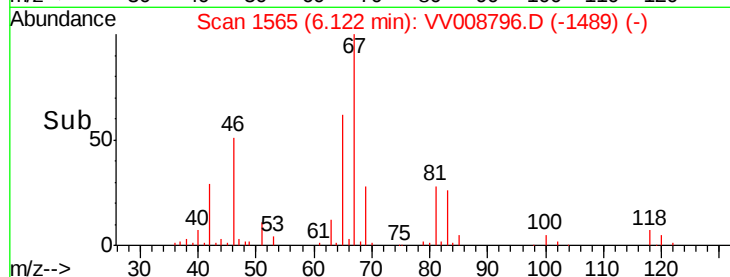
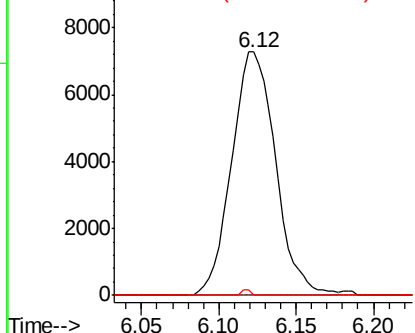
#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008796.D
Acq: 30 Nov 2018 05:19

Instrument :
MSVOA_V
ClientSampleId :
YALR9

Tgt Ion: 83 Resp: 14368
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.4 37.4 56.2#

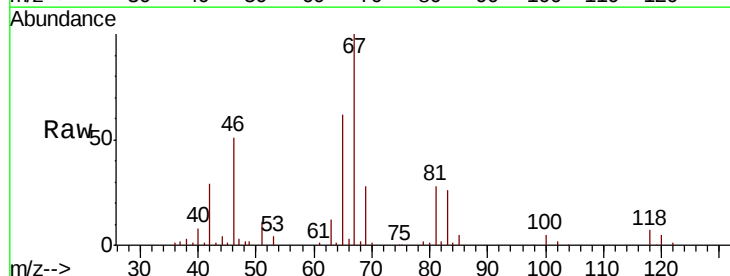


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

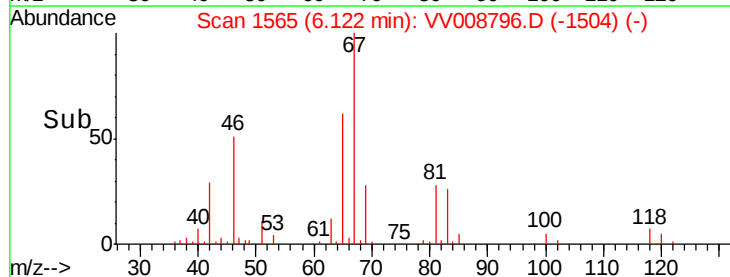
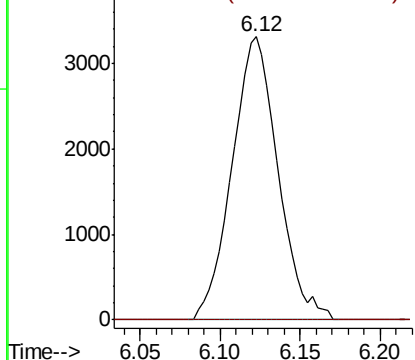


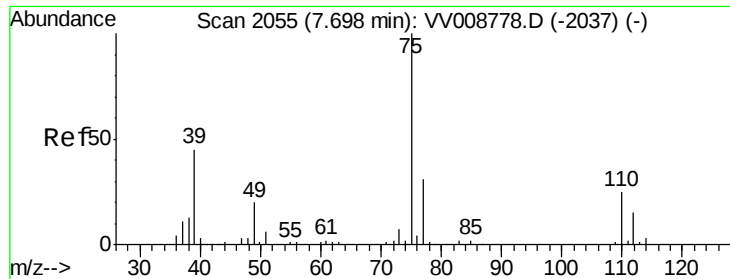
#37
1,2-Dichloropropane
Concen: 0.714 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008796.D
Acq: 30 Nov 2018 05:19

Tgt Ion: 63 Resp: 6493
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





#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008796.D

Acq: 30 Nov 2018 05:19

Instrument :

MSVOA_V

ClientSampled :

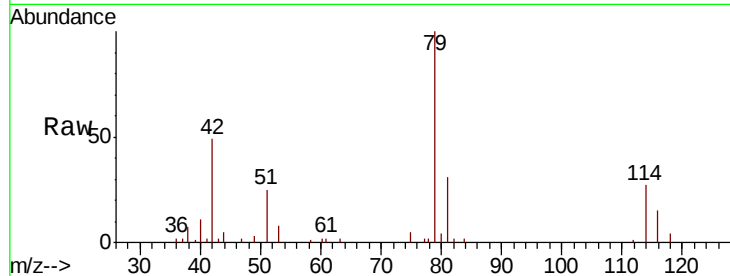
YALR9

Tgt Ion: 75 Resp: 850

Ion Ratio Lower Upper

75 100

77 35.8 21.3 39.5

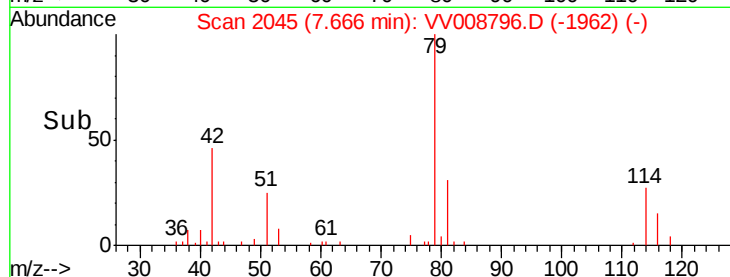


Abundance Ion 75.05 (74.75 to 75.75): VV008778.D (-2037) (-)

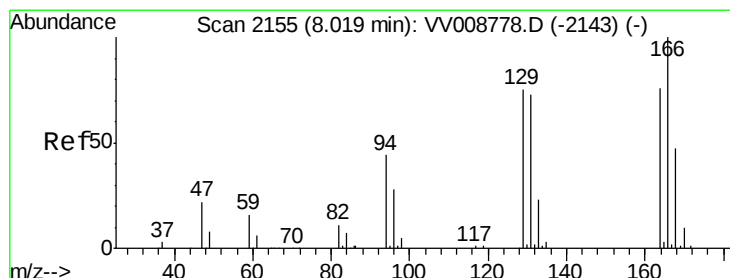
Ion 77.05 (76.75 to 77.75): VV008778.D (-2037) (-)

7.67

Time-->



Time-->



#47

Tetrachloroethene

Concen: 0.256 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008796.D

Acq: 30 Nov 2018 05:19

Tgt Ion: 164 Resp: 2015

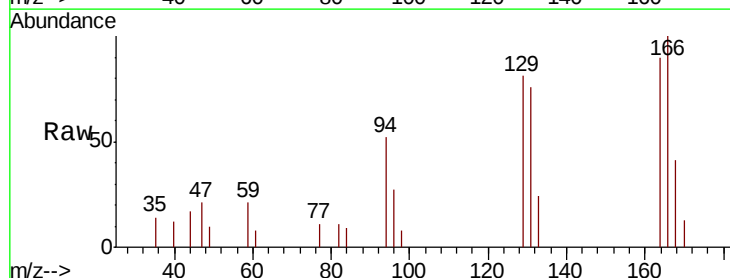
Ion Ratio Lower Upper

164 100

129 89.1 67.5 125.3

131 84.3 65.9 122.5

166 110.6 89.2 165.6



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

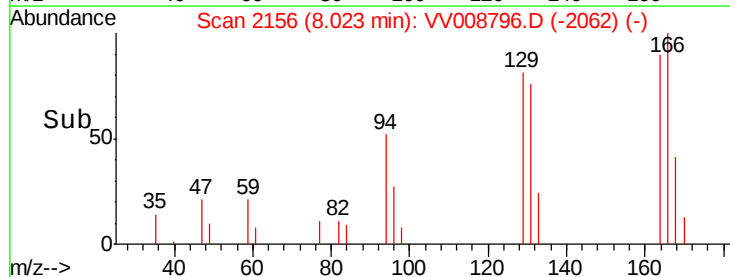
Ion 128.95 (128.65 to 129.65): VV008778.D (-2143) (-)

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

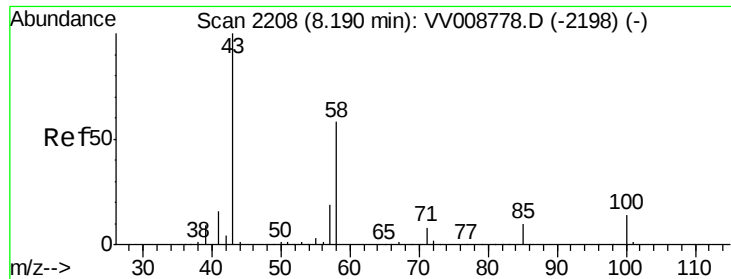
Ion 165.90 (165.60 to 166.60): VV008778.D (-2143) (-)

8.02

Time-->



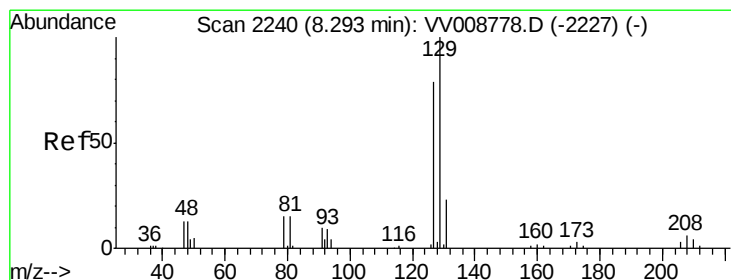
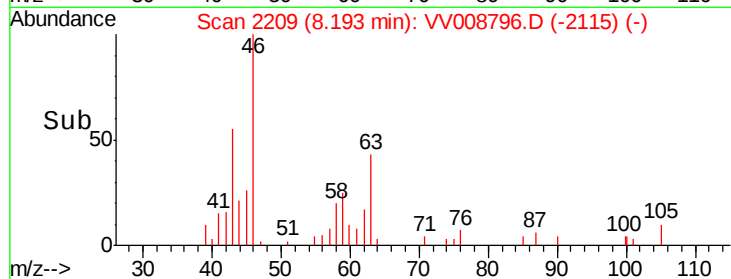
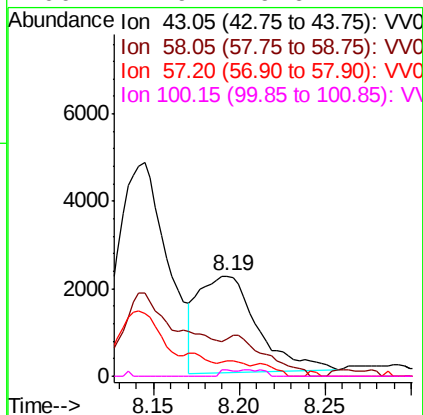
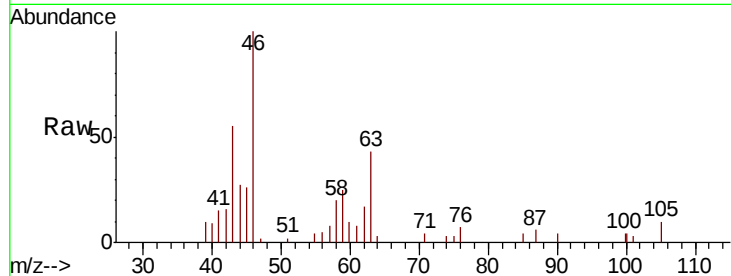
Time-->



#48
2-Hexanone
Concen: 1.588 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008796.D
Acq: 30 Nov 2018 05:19

Instrument :
MSVOA_V
ClientSampleId :
YALR9

Tgt Ion: 43 Resp: 5250
Ion Ratio Lower Upper
43 100
58 0.0 44.5 66.7#
57 0.0 15.2 22.8#
100 1.9 9.6 14.4#



#49
Dibromochloromethane
Concen: 0.299 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008796.D
Acq: 30 Nov 2018 05:19

Tgt Ion: 129 Resp: 1962
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#

