

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008793.D
 Acq On : 30 Nov 2018 04:03
 Operator : SY/MD
 Sample : J6136-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR5

Quant Time: Nov 30 06:28:50 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	136539	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54335	5.00	ug/L	0.00

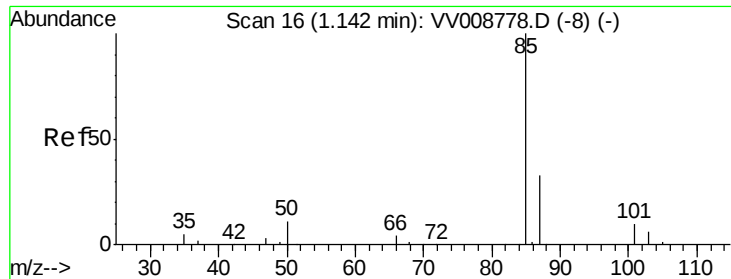
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43482	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.59	69	29978	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.14	63	60122	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	105336	49.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.58%
24) Chloroform-d	4.41	84	86011	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	44038	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	185590	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	54056	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	164977	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	16847	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	76154	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	33467	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	57995	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	2158	0.179 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	649	0.084 ug/L #	20
13) Acetone	2.21	43	71519	67.827 ug/L	98
15) Methyl Acetate	2.37	43	5373	1.904 ug/L #	54
21) 2-Butanone	4.04	43	7019	3.321 ug/L	95
25) Chloroform	4.44	83	1577	0.088 ug/L	97
35) Methylcyclohexane	6.12	83	13020	0.770 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	6208	0.651 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	980	0.078 ug/L #	58
47) Tetrachloroethene	8.02	164	2302	0.279 ug/L	94
49) Dibromochloromethane	8.02	129	2225	0.323 ug/L #	10

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



#2

Dichlorodifluoromethane

Concen: 0.179 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

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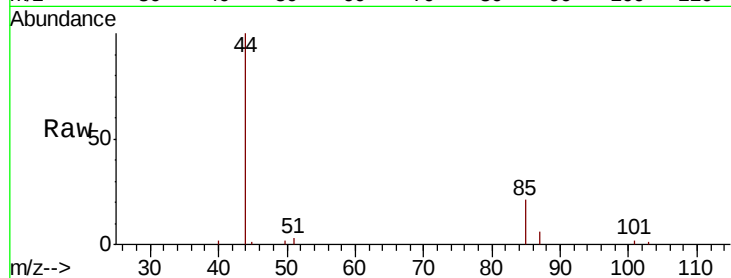
YALR5

Tgt Ion: 85 Resp: 2158

Ion Ratio Lower Upper

85 100

87 28.9 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

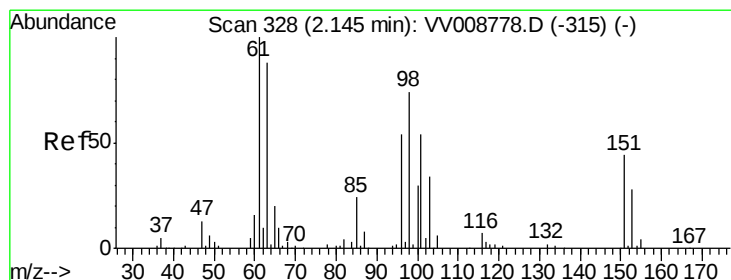
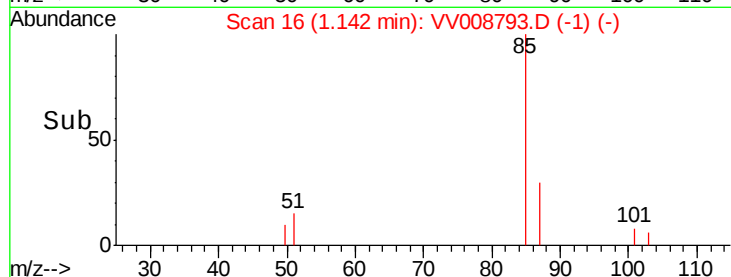
1500

1000

500

0

Time-->



#10

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

Concen: 0.084 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008793.D

Acq: 30 Nov 2018 04:03

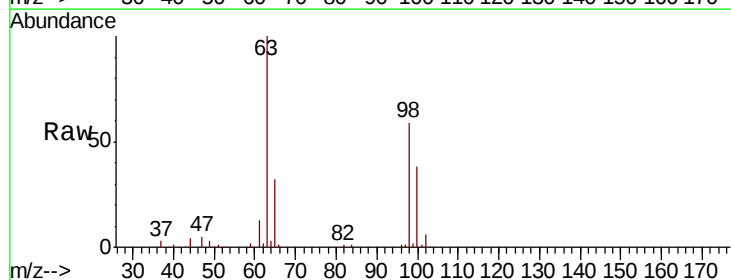
Tgt Ion: 101 Resp: 649

Ion Ratio Lower Upper

101 100

85 3.1 33.1 49.7#

151 0.0 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) (-)

2.14

600

500

400

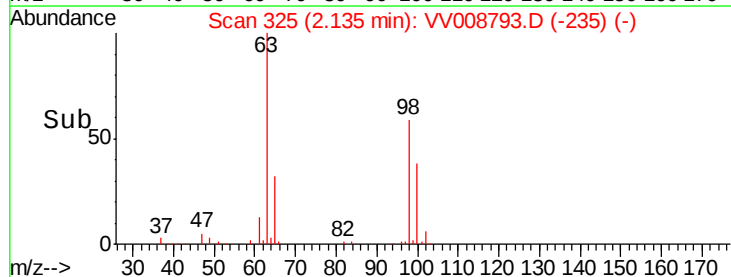
300

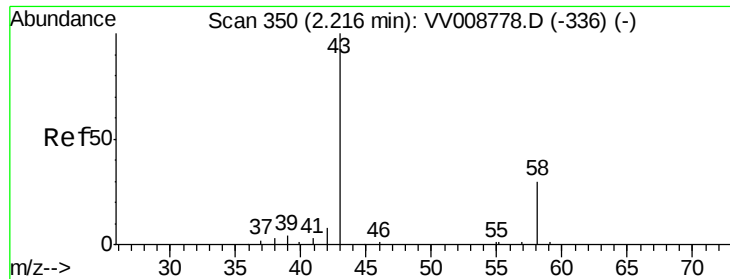
200

100

0

Time-->





#13

Acetone

Concen: 67.827 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV008793.D

Acq: 30 Nov 2018 04:03

Instrument :

MSVOA_V

ClientSampleId :

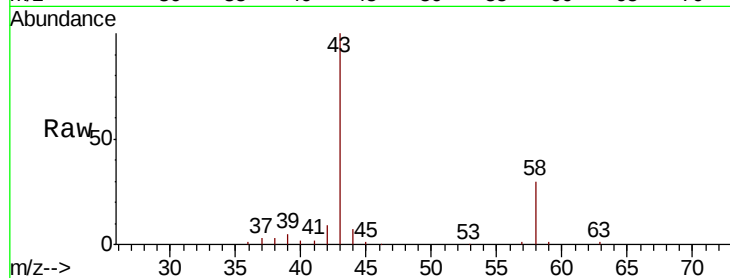
YALR5

Tgt Ion: 43 Resp: 71519

Ion Ratio Lower Upper

43 100

58 29.0 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) (-)

2.21

40000

30000

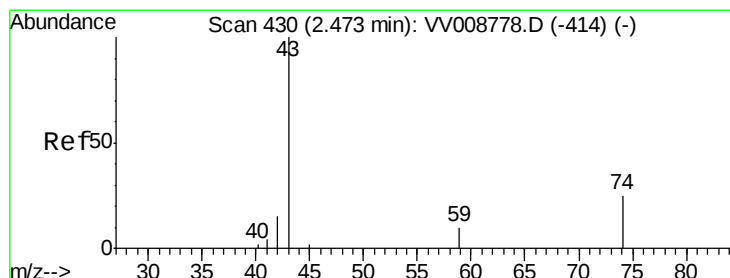
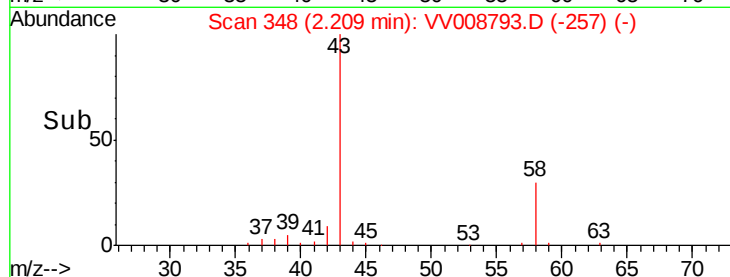
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 1.904 ug/L

RT: 2.37 min Scan# 398

Delta R.T. -0.10 min

Lab File: VV008793.D

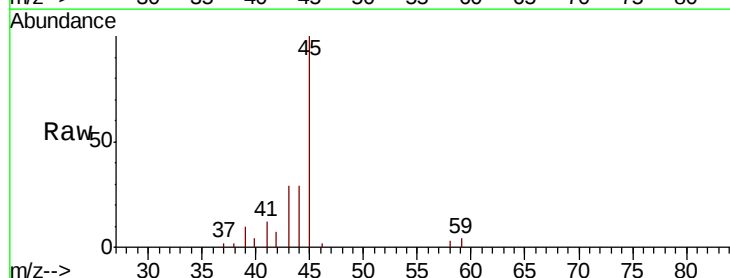
Acq: 30 Nov 2018 04:03

Tgt Ion: 43 Resp: 5373

Ion Ratio Lower Upper

43 100

74 1.7 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) (-)

2.37

2000

1500

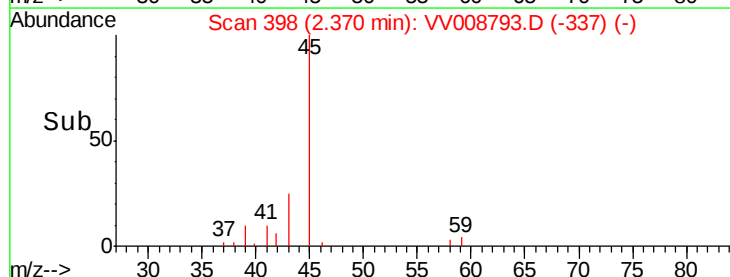
1000

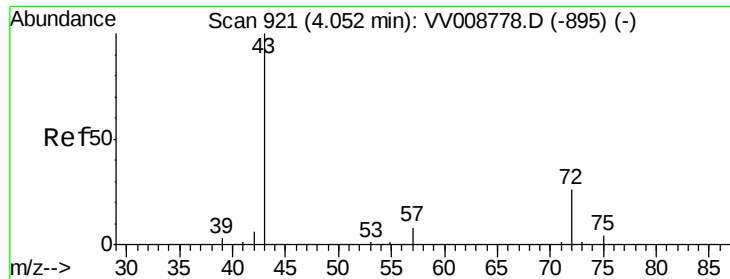
500

0

Time-->

2.30 2.35 2.40 2.45





#21

2-Butanone

Concen: 3.321 ug/L

RT: 4.04 min Scan# 918

Delta R.T. -0.01 min

Lab File: VV008793.D

Acq: 30 Nov 2018 04:03

Instrument :

MSVOA_V

ClientSampleId :

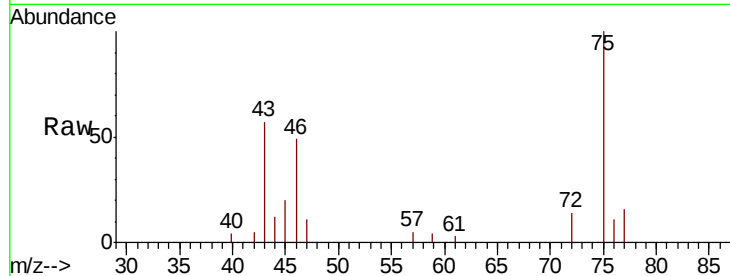
YALR5

Tgt Ion: 43 Resp: 7019

Ion Ratio Lower Upper

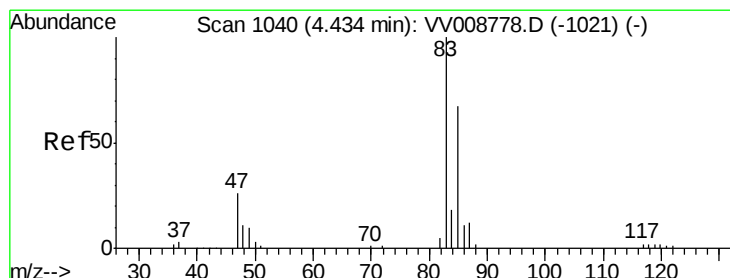
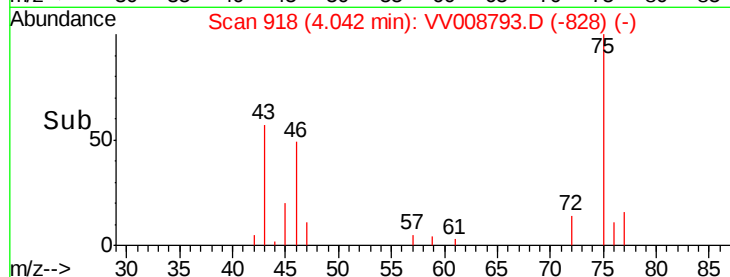
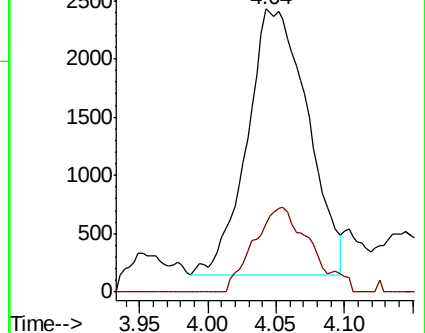
43 100

72 29.9 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) (-)



#25

Chloroform

Concen: 0.088 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV008793.D

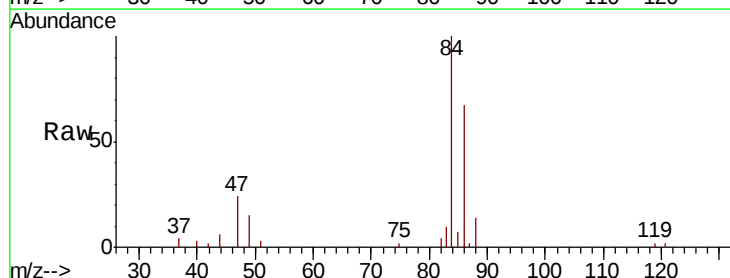
Acq: 30 Nov 2018 04:03

Tgt Ion: 83 Resp: 1577

Ion Ratio Lower Upper

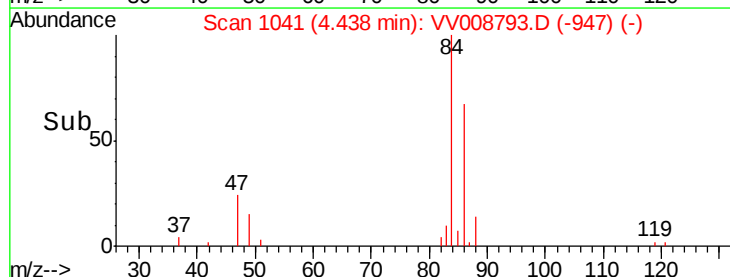
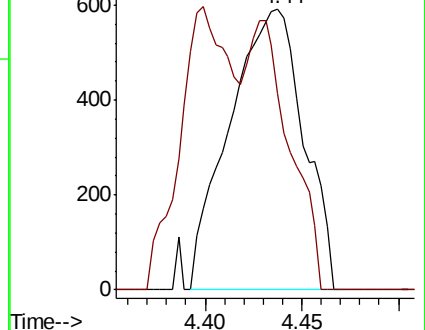
83 100

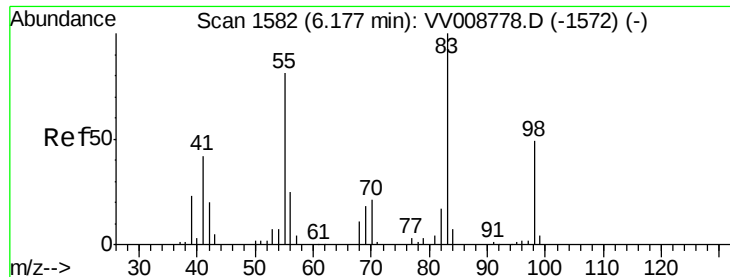
85 69.8 47.0 87.4



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

Ion 85.00 (84.70 to 85.70): VV008778.D (-1021) (-)

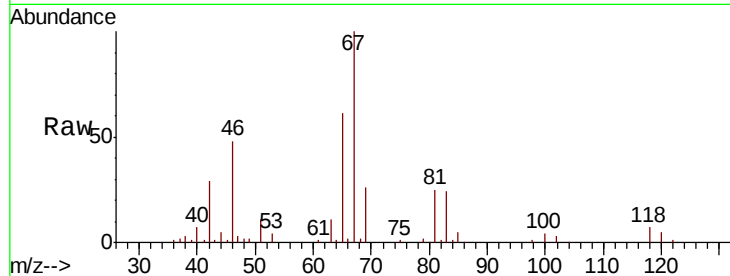




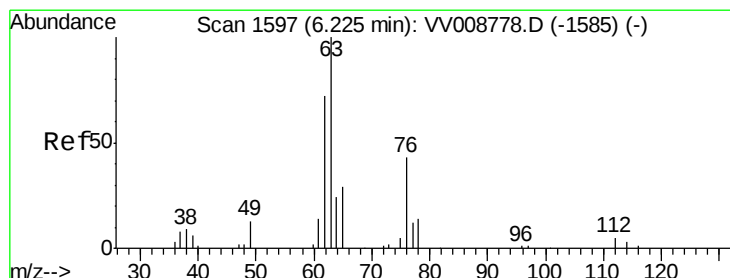
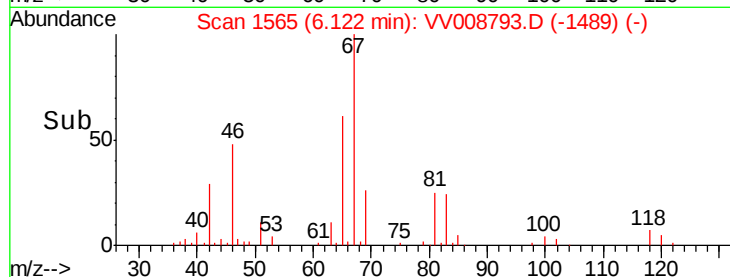
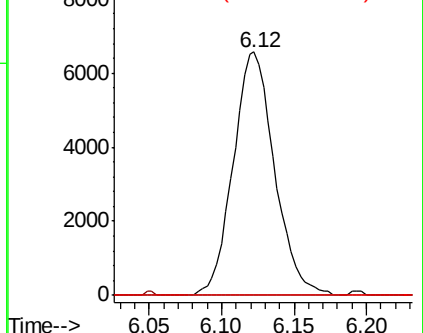
#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008793.D
Acq: 30 Nov 2018 04:03

Instrument :
MSVOA_V
ClientSampleId :
YALR5

Tgt Ion: 83 Resp: 13020
Ion Ratio Lower Upper
83 100
55 0.3 60.1 90.1#
98 3.1 37.4 56.2#

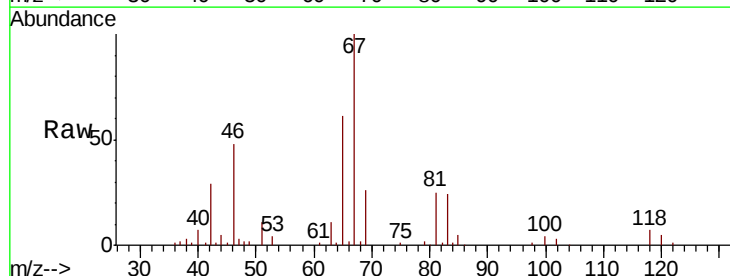


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

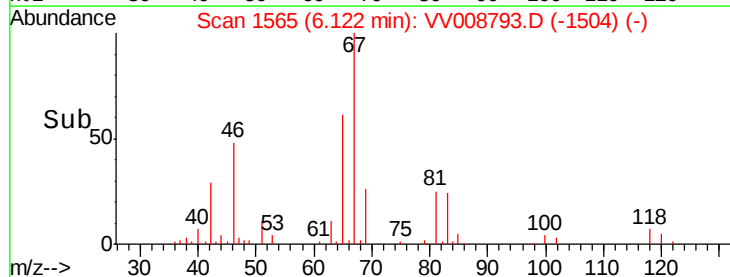
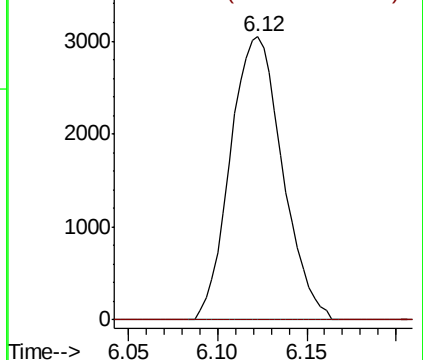


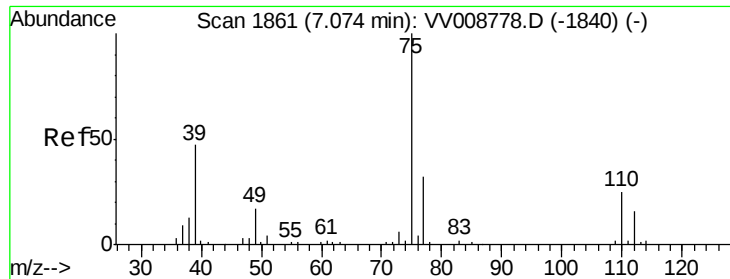
#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008793.D
Acq: 30 Nov 2018 04:03

Tgt Ion: 63 Resp: 6208
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

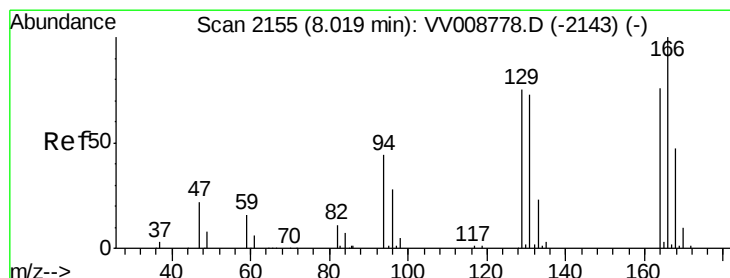
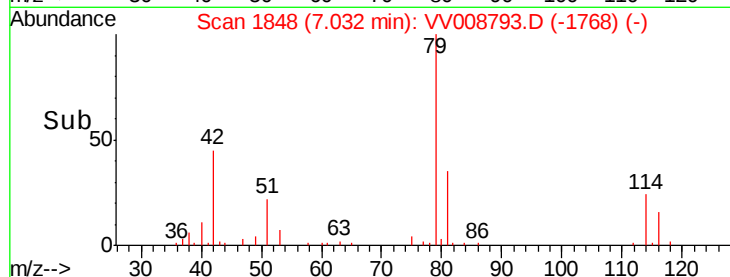
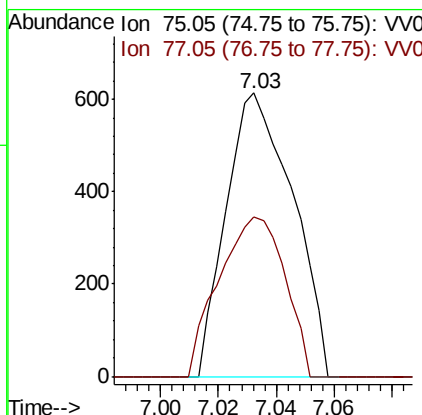
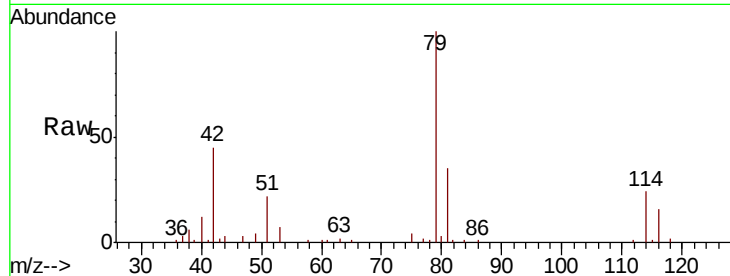




#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008793.D
 Acq: 30 Nov 2018 04:03

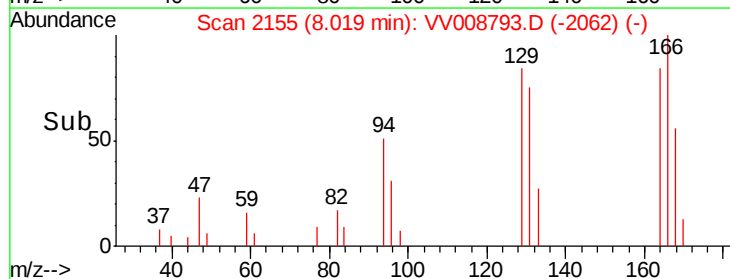
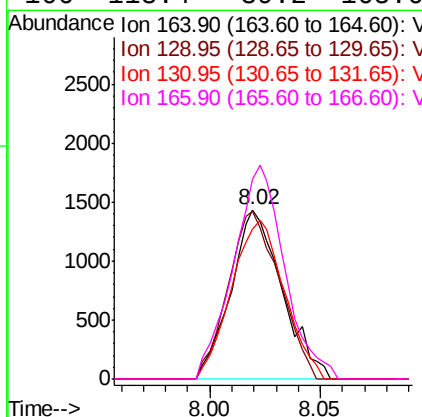
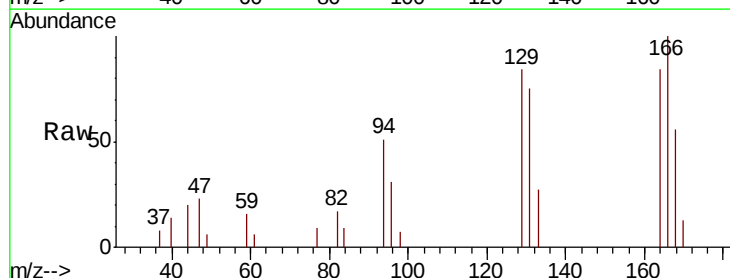
Instrument :
 MSVOA_V
 ClientSampleId :
 YALR5

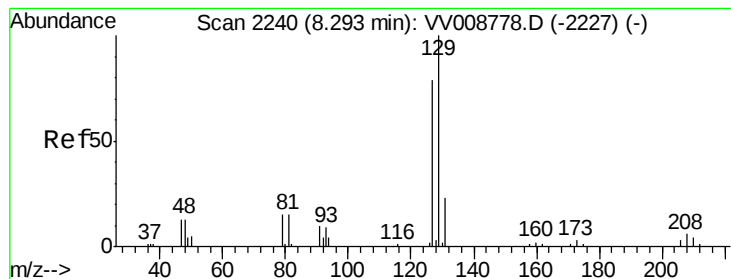
Tgt Ion: 75 Resp: 980
 Ion Ratio Lower Upper
 75 100
 77 56.3 22.8 42.4#



#47
 Tetrachloroethene
 Concen: 0.279 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV008793.D
 Acq: 30 Nov 2018 04:03

Tgt Ion: 164 Resp: 2302
 Ion Ratio Lower Upper
 164 100
 129 99.4 67.5 125.3
 131 88.3 65.9 122.5
 166 118.4 89.2 165.6





#49

Dibromochloromethane

Concen: 0.323 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008793.D

Acq: 30 Nov 2018 04:03

Instrument :
MSVOA_V
ClientSampleId :
YALR5

Tgt Ion:129 Resp: 2225

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#

