

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008789.D
 Acq On : 30 Nov 2018 02:21
 Operator : SY/MD
 Sample : J6136-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALP7

Quant Time: Nov 30 06:28:20 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	141639	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46202	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.59	69	31761	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.14	63	64942	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.96	46	107959	49.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.38%
24) Chloroform-d	4.41	84	91996	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	46917	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	199377	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	57992	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	175708	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	17881	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	75658	45.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33882	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	61168	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	705	0.088	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	828	0.119	ug/L #	1
13) Acetone	2.21	43	6087	5.565	ug/L	91
15) Methyl Acetate	2.47	43	436	0.149	ug/L #	50
21) 2-Butanone	4.14	43	39530	18.028	ug/L #	48
25) Chloroform	4.44	83	1499	0.081	ug/L	85
30) Cyclohexane	4.72	56	1071	0.067	ug/L	87
33) Benzene	5.15	78	11548	0.297	ug/L	100
35) Methylcyclohexane	6.12	83	13424	0.784	ug/L #	20
37) 1,2-Dichloropropane	6.13	63	6187	0.641	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1451	0.114	ug/L #	59
42) Toluene	7.43	91	24724	0.608	ug/L	98
48) 2-Hexanone	8.19	43	5813	1.657	ug/L #	80
53) m,p-xylene	9.19	106	2431	0.147	ug/L	95
54) o-xylene	9.59	106	1661	0.104	ug/L	99
55) Styrene	9.61	104	2385	0.090	ug/L	90

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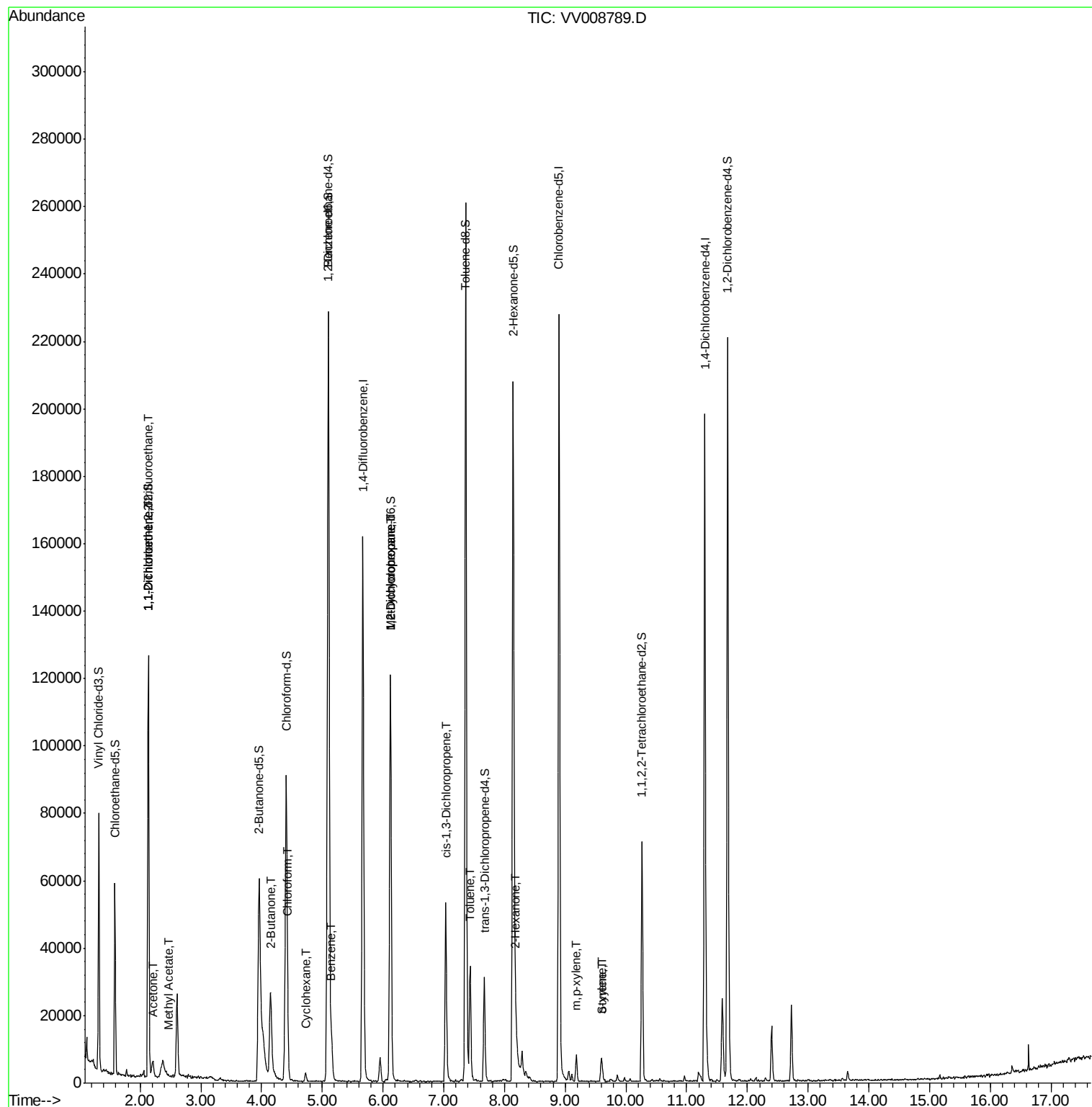
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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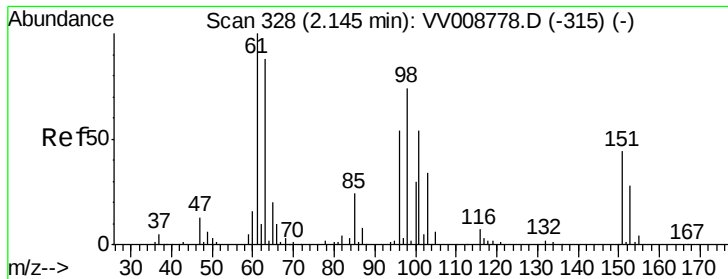
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
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#10

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

Concen: 0.088 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008789.D

Acq: 30 Nov 2018 02:21

Instrument :

MSVOA_V

ClientSampleId :

YALP7

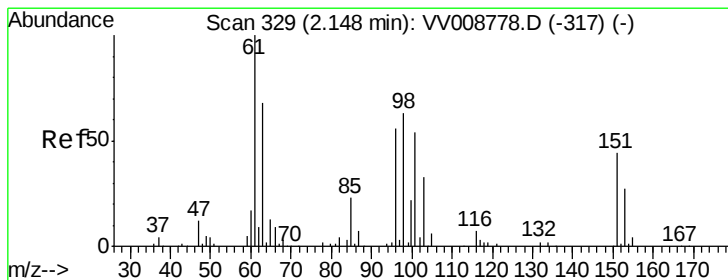
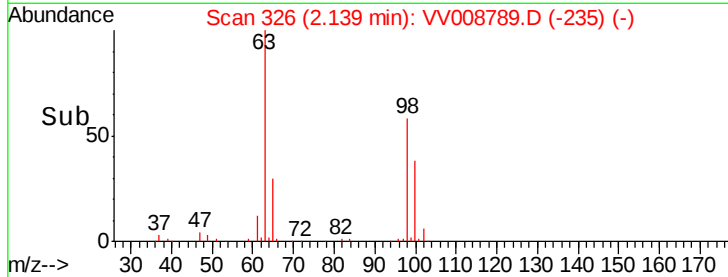
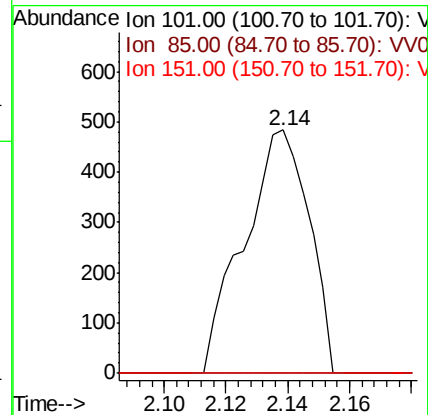
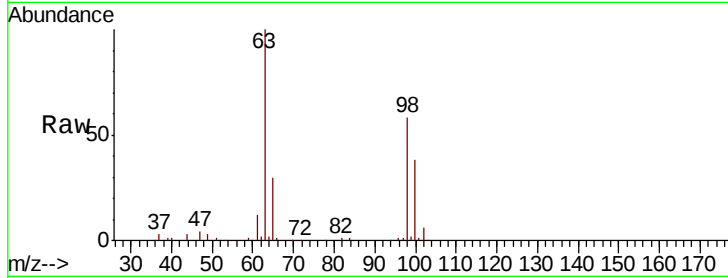
Tgt Ion: 101 Resp: 705

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

151 0.0 63.8 95.8#



#12

1,1-Dichloroethene

Concen: 0.119 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.02 min

Lab File: VV008789.D

Acq: 30 Nov 2018 02:21

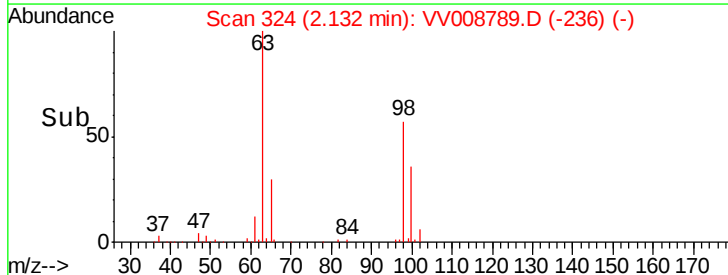
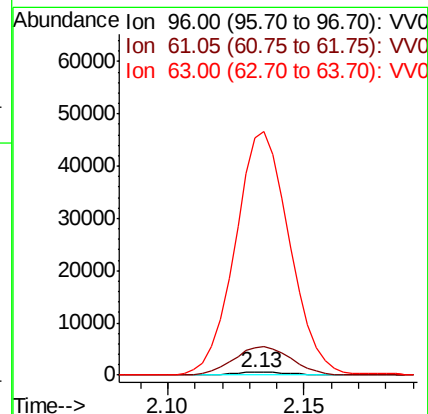
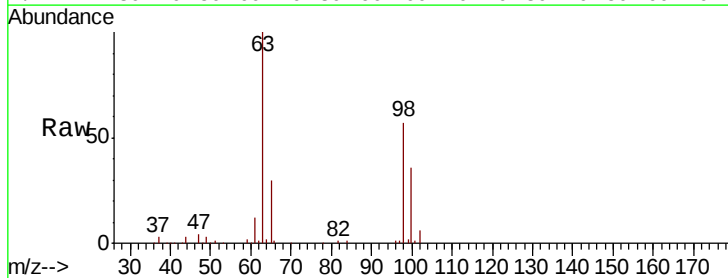
Tgt Ion: 96 Resp: 828

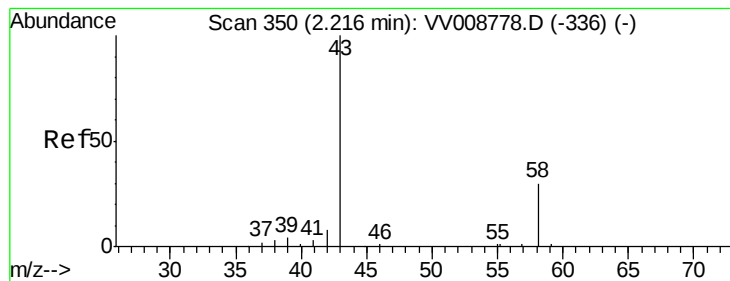
Ion Ratio Lower Upper

96 100

61 953.4 124.3 230.8#

63 8211.6 102.6 190.5#





#13

Acetone

Concen: 5.565 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008789.D

Acq: 30 Nov 2018 02:21

Instrument :

MSVOA_V

ClientSampleId :

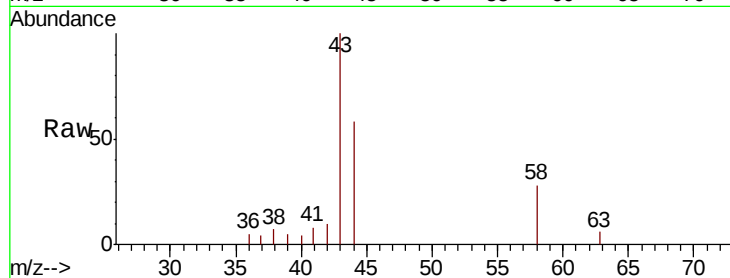
YALP7

Tgt Ion: 43 Resp: 6087

Ion Ratio Lower Upper

43 100

58 25.3 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) (-)

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14.75

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14.90

14.95

15.00

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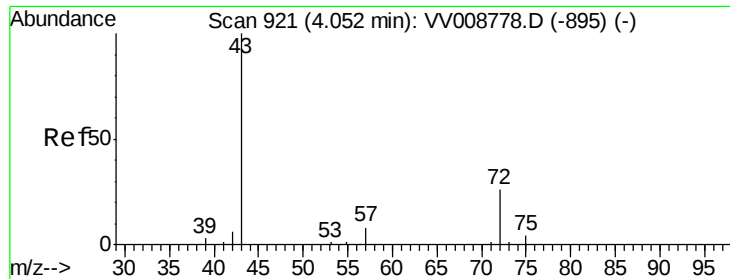
15.10

15.15

15.20

15.25

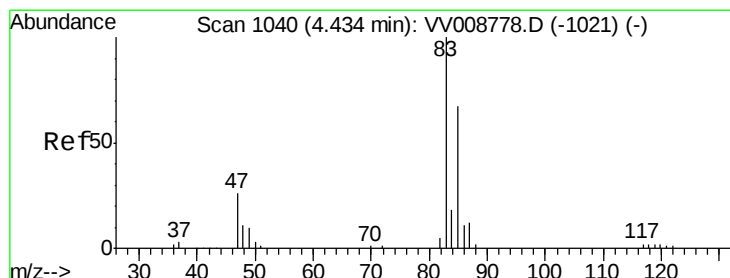
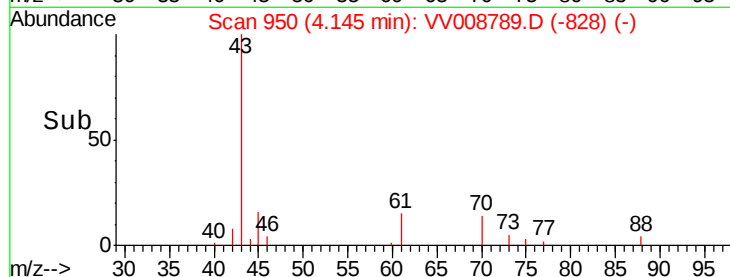
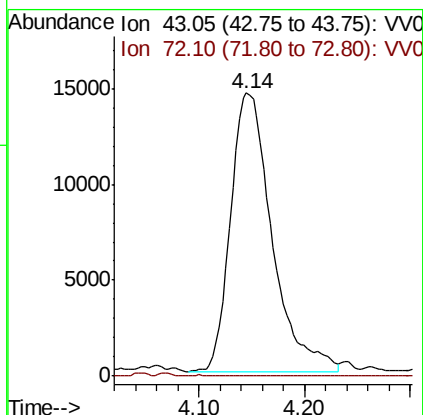
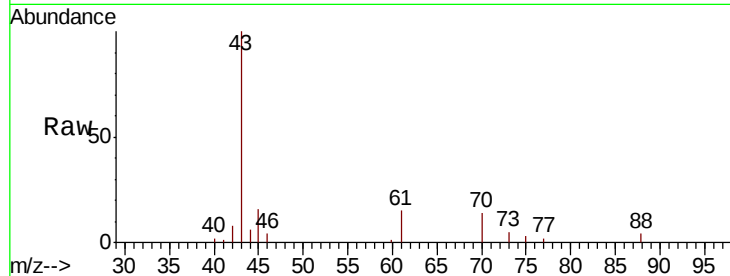
15.30



#21
 2-Butanone
 Concen: 18.028 ug/L
 RT: 4.14 min Scan# 950
 Delta R.T. 0.09 min
 Lab File: VV008789.D
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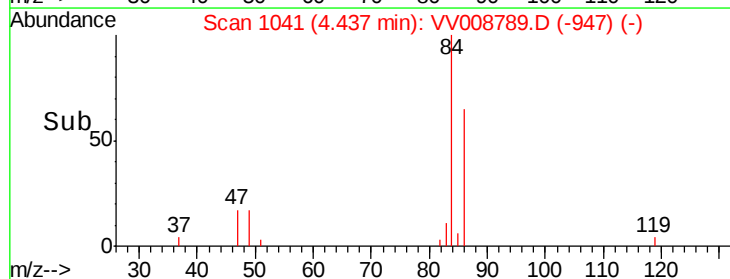
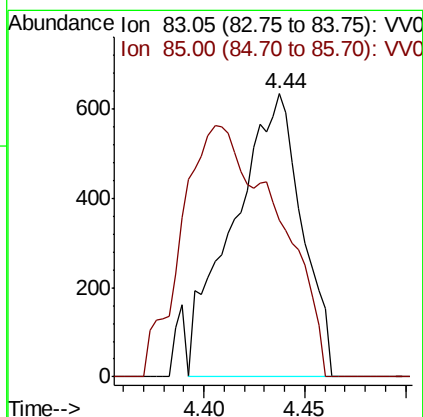
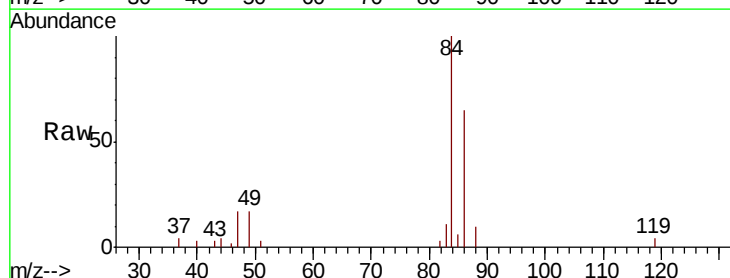
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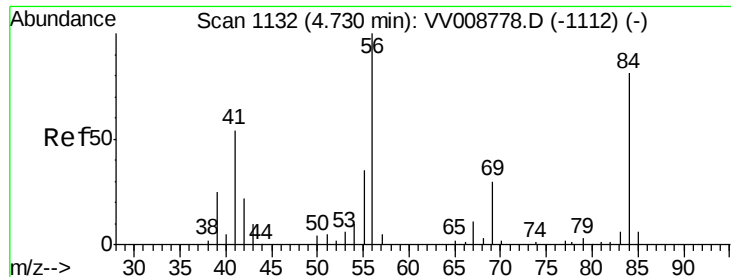
Tgt Ion: 43 Resp: 39530
 Ion Ratio Lower Upper
 43 100
 72 0.1 13.6 40.8#



#25
 Chloroform
 Concen: 0.081 ug/L
 RT: 4.44 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VV008789.D
 Acq: 30 Nov 2018 02:21

Tgt Ion: 83 Resp: 1499
 Ion Ratio Lower Upper
 83 100
 85 55.4 47.0 87.4

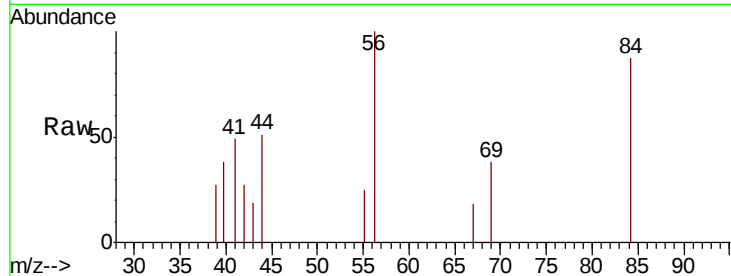




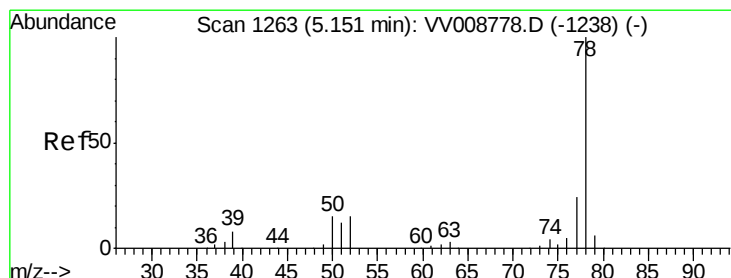
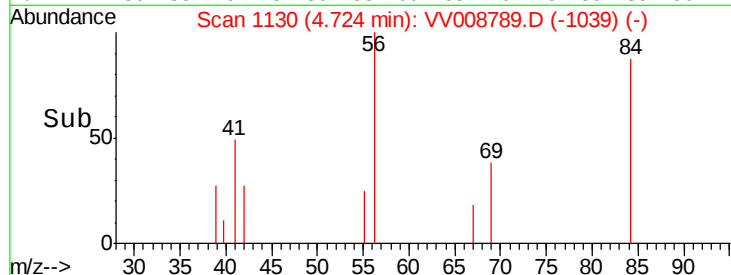
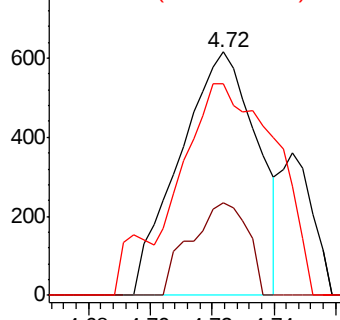
#30
Cyclohexane
Concen: 0.067 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.01 min
Lab File: VV008789.D
Acq: 30 Nov 2018 02:21

Instrument :
MSVOA_V
ClientSampleId :
YALP7

Tgt Ion: 56 Resp: 1071
Ion Ratio Lower Upper
56 100
69 28.1 25.1 37.7
84 102.9 70.8 106.2

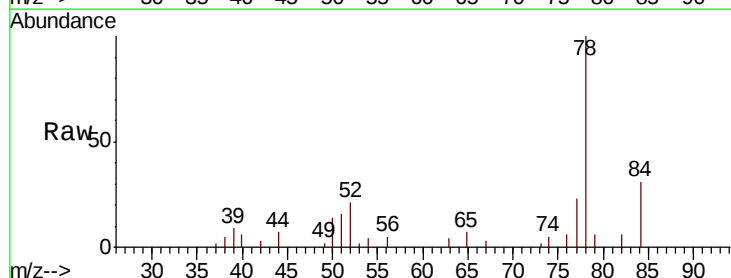


Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

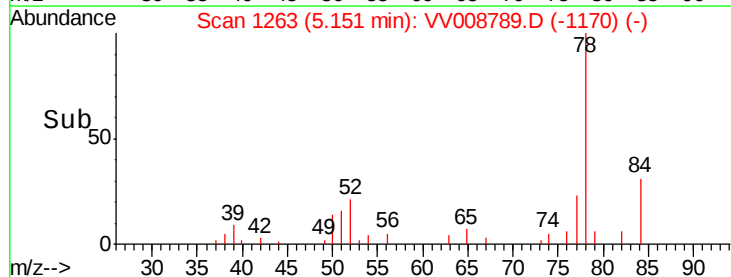
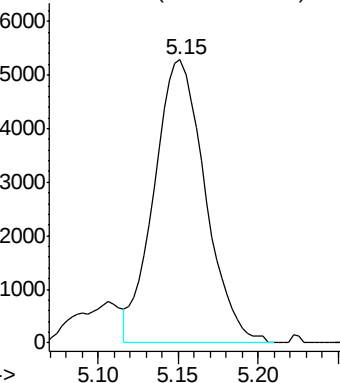


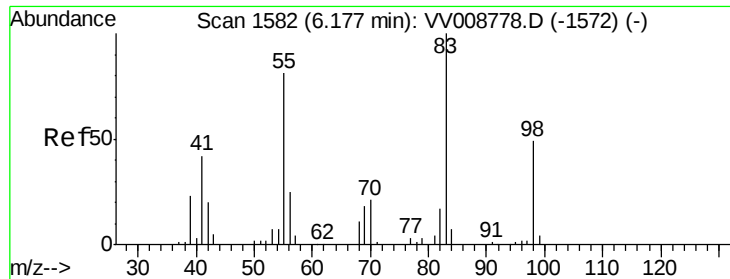
#33
Benzene
Concen: 0.297 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008789.D
Acq: 30 Nov 2018 02:21

Tgt Ion: 78 Resp: 11548



Abundance Ion 78.10 (77.80 to 78.80): VV0

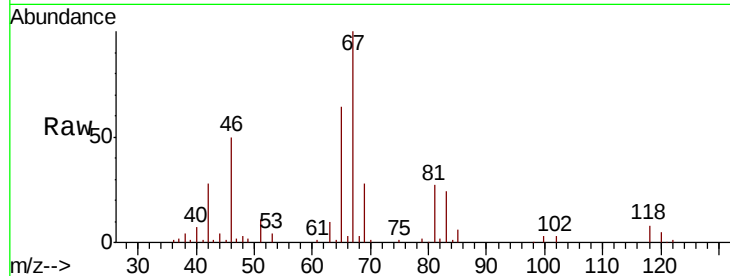




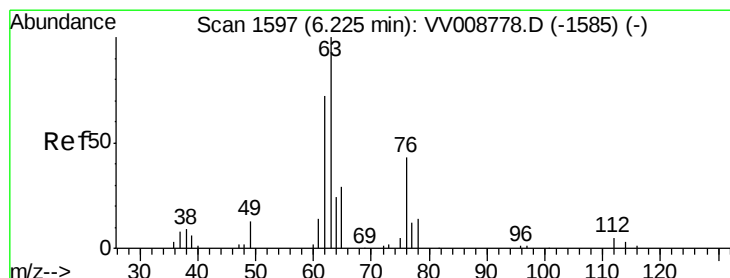
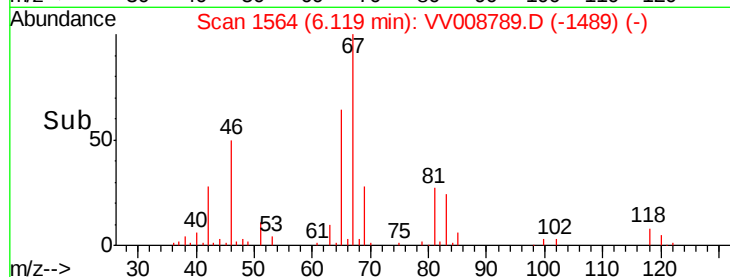
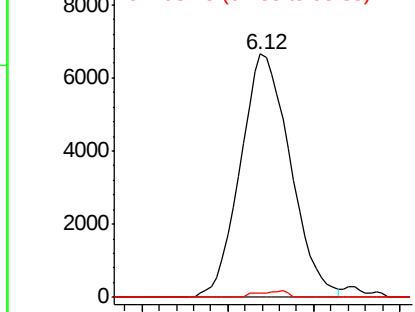
#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008789.D
Acq: 30 Nov 2018 02:21

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YALP7

Tgt Ion: 83 Resp: 13424
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 1.5 37.4 56.2#

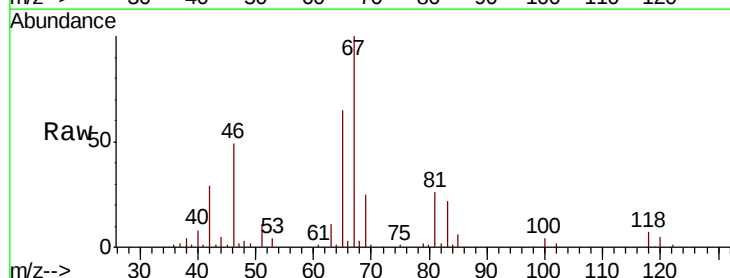


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

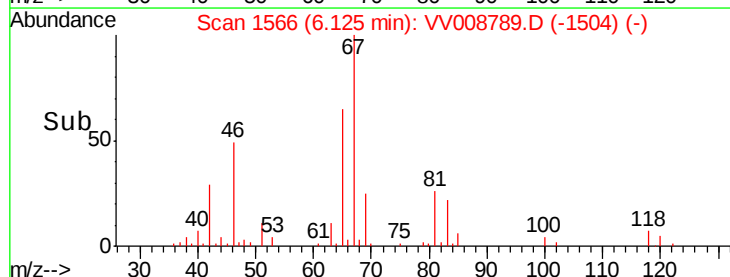
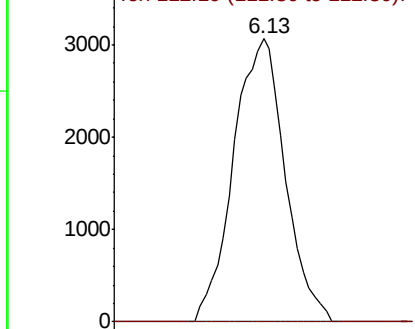


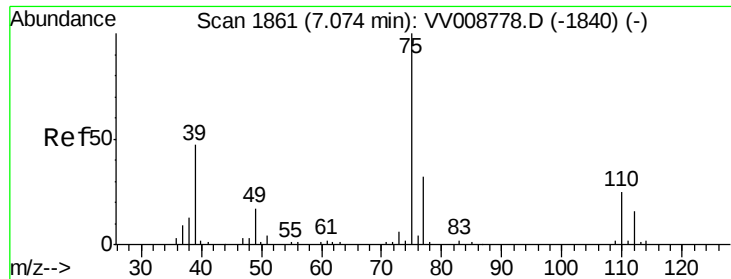
#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008789.D
Acq: 30 Nov 2018 02:21

Tgt Ion: 63 Resp: 6187
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

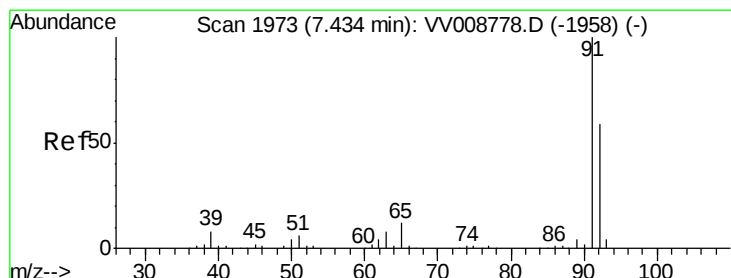
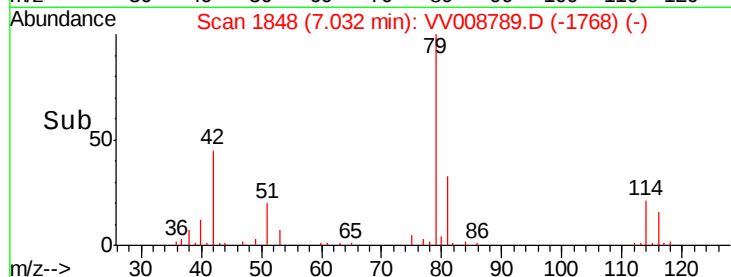
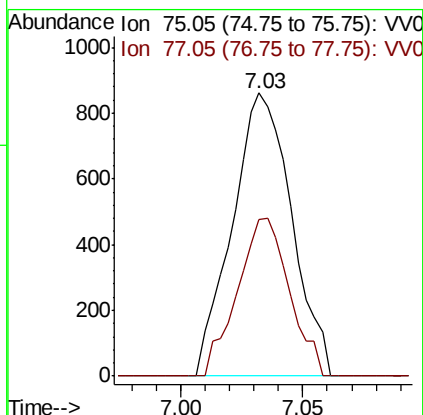
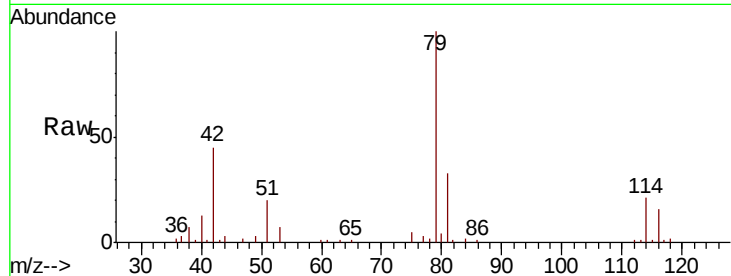




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008789.D
 Acq: 30 Nov 2018 02:21

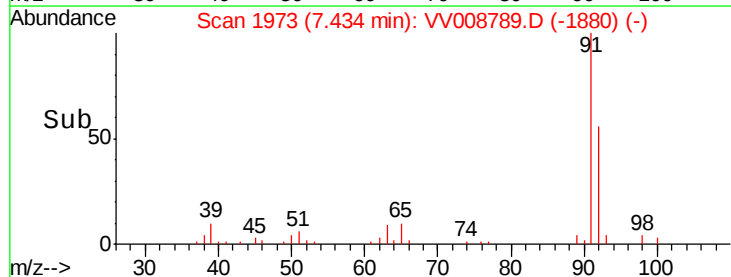
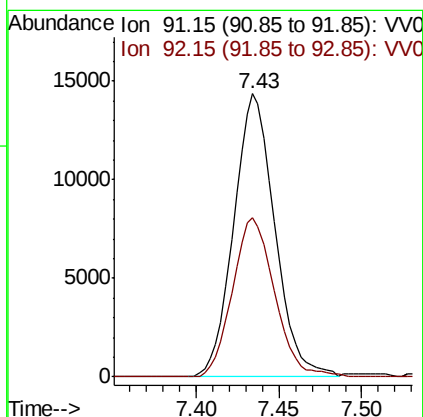
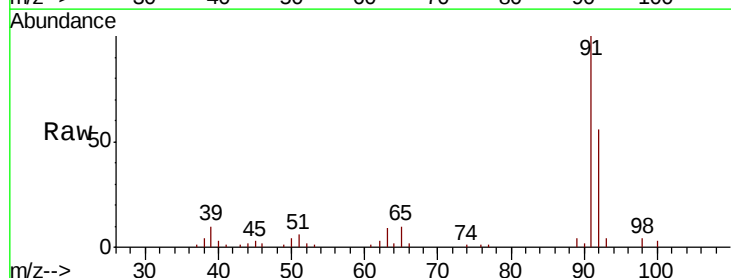
Instrument :
 MSVOA_V
 ClientSampleId :
 YALP7

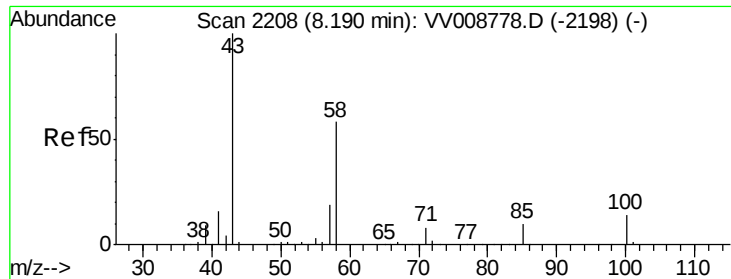
Tgt Ion: 75 Resp: 1451
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.8 42.4#



#42
 Toluene
 Concen: 0.608 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008789.D
 Acq: 30 Nov 2018 02:21

Tgt Ion: 91 Resp: 24724
 Ion Ratio Lower Upper
 91 100
 92 56.4 40.5 75.3

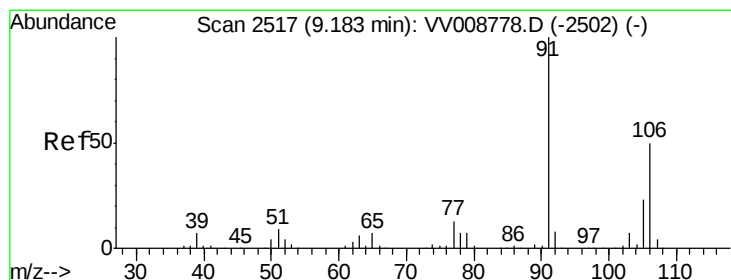
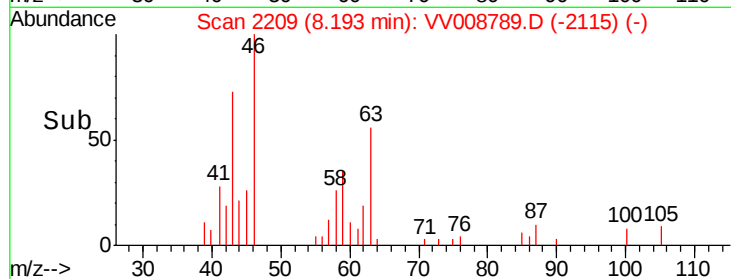
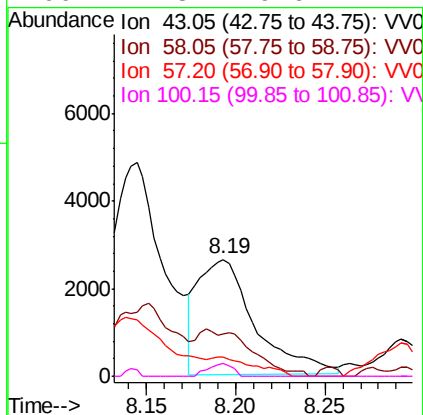
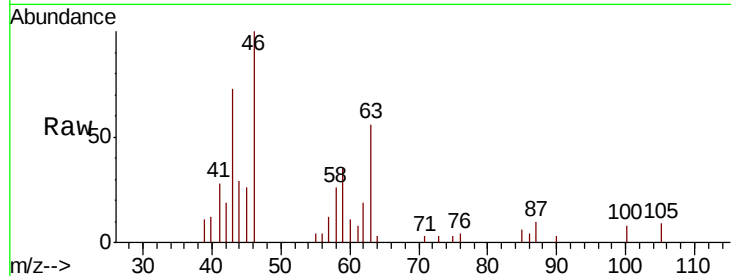




#48
2-Hexanone
Concen: 1.657 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008789.D
Acq: 30 Nov 2018 02:21

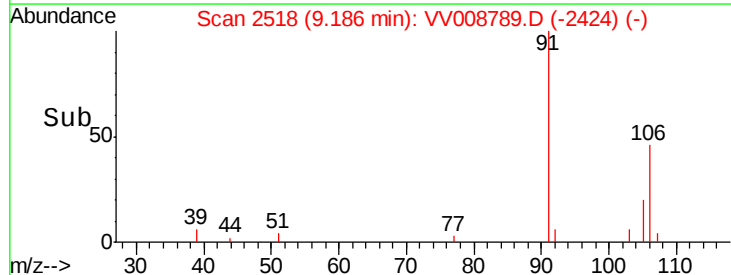
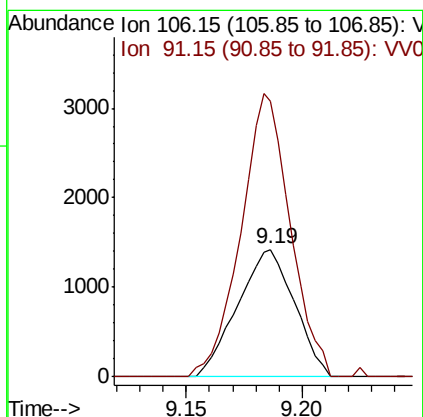
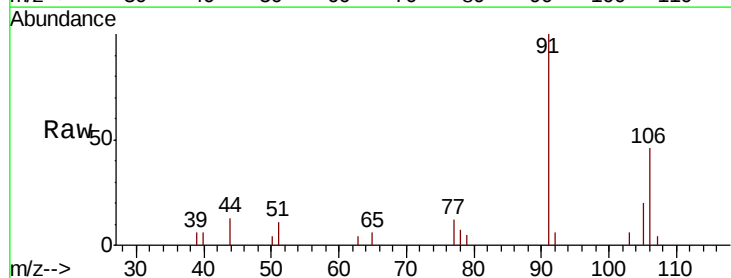
Instrument :
MSVOA_V
ClientSampleId :
YALP7

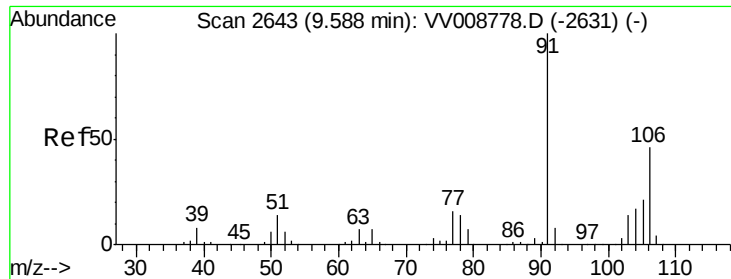
Tgt Ion: 43 Resp: 5813
Ion Ratio Lower Upper
43 100
58 39.3 44.5 66.7#
57 13.0 15.2 22.8#
100 4.8 9.6 14.4#



#53
m,p-xylene
Concen: 0.147 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008789.D
Acq: 30 Nov 2018 02:21

Tgt Ion: 106 Resp: 2431
Ion Ratio Lower Upper
106 100
91 216.4 145.5 270.3

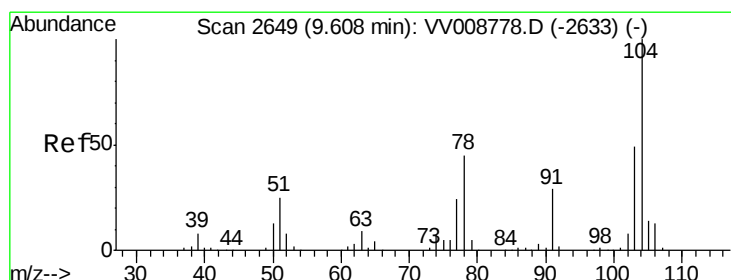
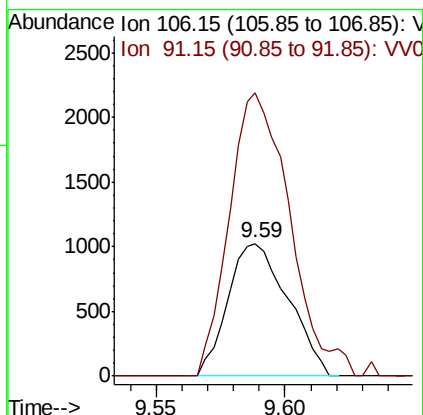
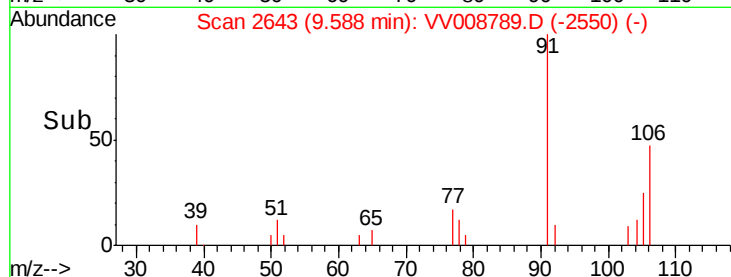
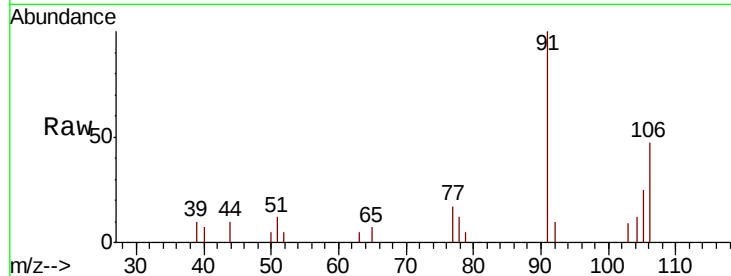




#54
o-xylene
Concen: 0.104 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV008789.D
Acq: 30 Nov 2018 02:21

Instrument :
MSVOA_V
ClientSampleId :
YALP7

Tgt Ion:106 Resp: 1661
Ion Ratio Lower Upper
106 100
91 213.5 148.7 276.1



#55
Styrene
Concen: 0.090 ug/L
RT: 9.61 min Scan# 2650
Delta R.T. 0.00 min
Lab File: VV008789.D
Acq: 30 Nov 2018 02:21

Tgt Ion:104 Resp: 2385
Ion Ratio Lower Upper
104 100
78 39.5 32.2 59.8

