

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008790.D
 Acq On : 30 Nov 2018 02:47
 Operator : SY/MD
 Sample : J6136-03
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALP9

Quant Time: Nov 30 06:28:28 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	141350	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44726	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.59	69	32646	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.14	63	62632	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.97	46	108105	49.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	4.41	84	91353	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	46428	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	194677	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	56075	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	171770	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	16801	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.14	63	74637	44.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33365	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	58839	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

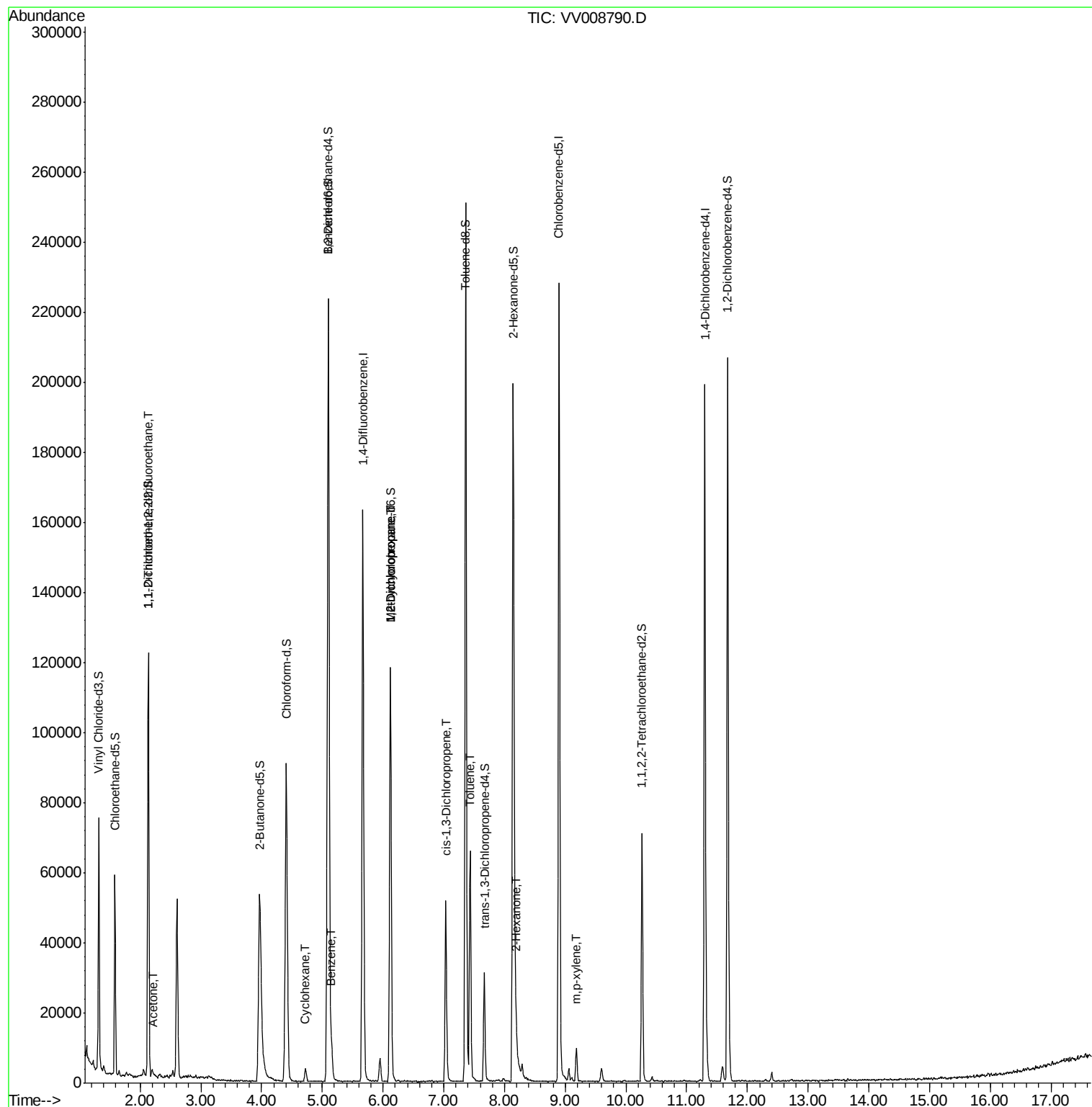
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	652	0.082	ug/L #	18
13) Acetone	2.21	43	2147	1.967	ug/L	76
30) Cyclohexane	4.72	56	1934	0.119	ug/L #	86
33) Benzene	5.15	78	9520	0.241	ug/L	100
35) Methylcyclohexane	6.12	83	14214	0.816	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6474	0.659	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	1273	0.099	ug/L #	76
42) Toluene	7.43	91	47885	1.158	ug/L	98
48) 2-Hexanone	8.20	43	5802	1.626	ug/L #	40
53) m,p-xylene	9.18	106	3011	0.179	ug/L	83

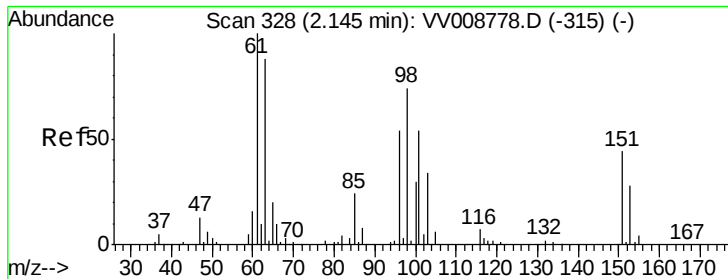
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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: VV008790.D

Acq: 30 Nov 2018 02:47

Instrument :

MSVOA_V

ClientSampled :

YALP9

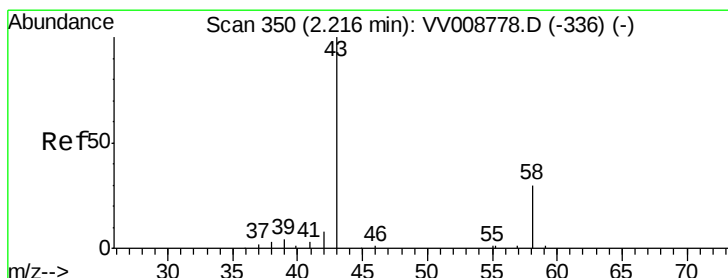
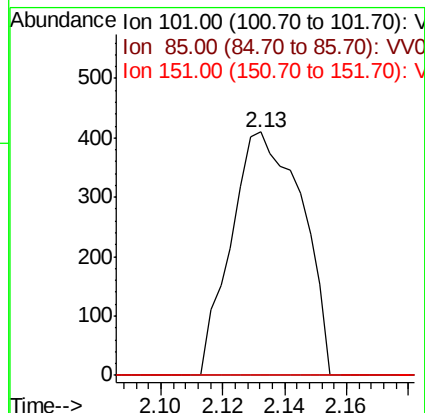
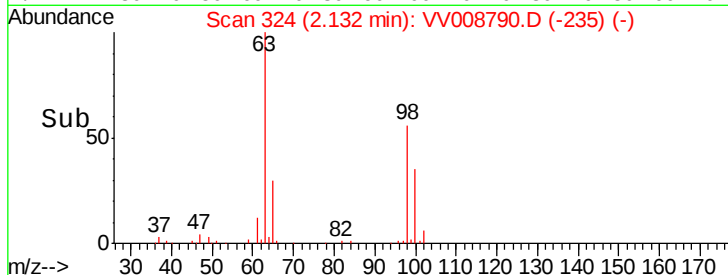
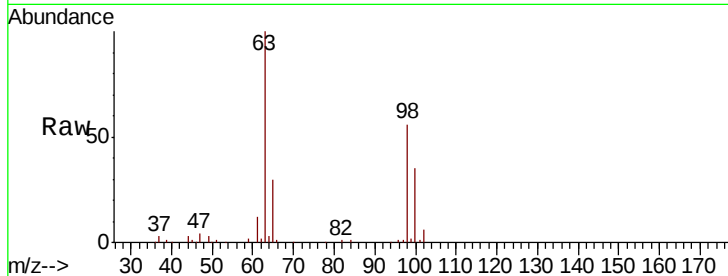
Tgt Ion: 101 Resp: 652

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

151 0.0 63.8 95.8#



#13

Acetone

Concen: 1.967 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008790.D

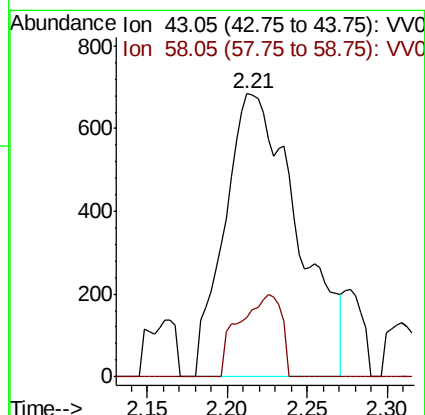
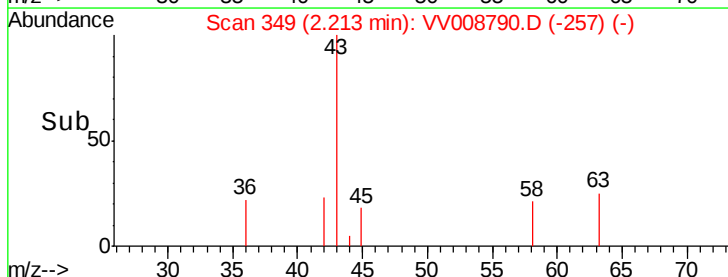
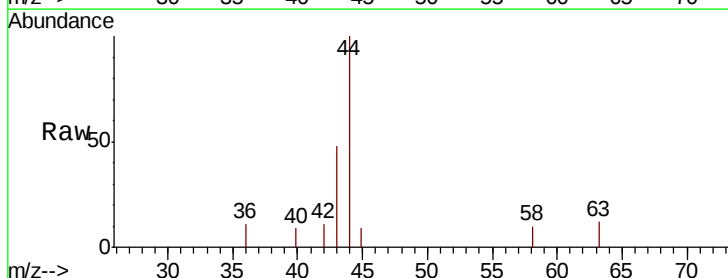
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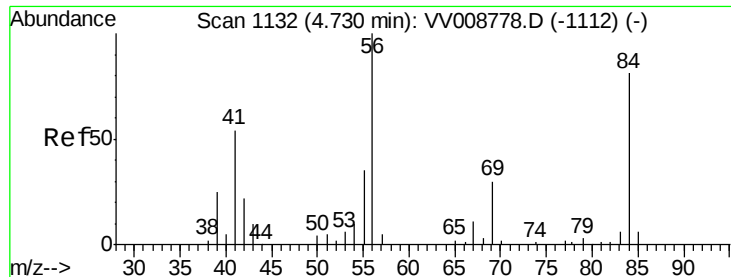
Tgt Ion: 43 Resp: 2147

Ion Ratio Lower Upper

43 100

58 16.7 0.0 59.8

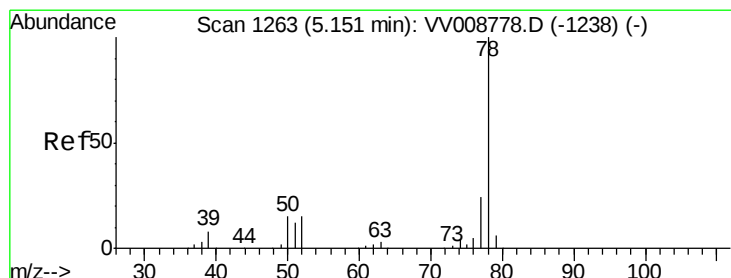
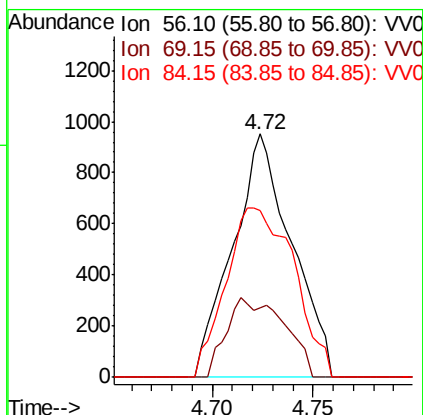
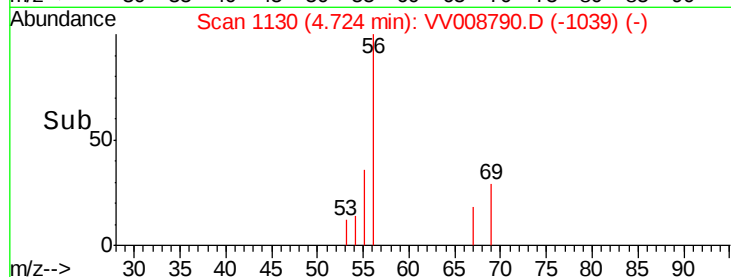
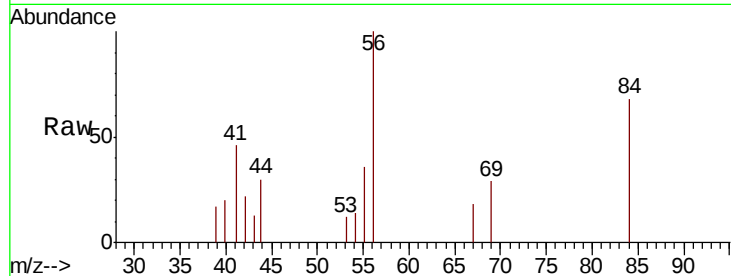




#30
Cyclohexane
Concen: 0.119 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.01 min
Lab File: VV008790.D
Acq: 30 Nov 2018 02:47

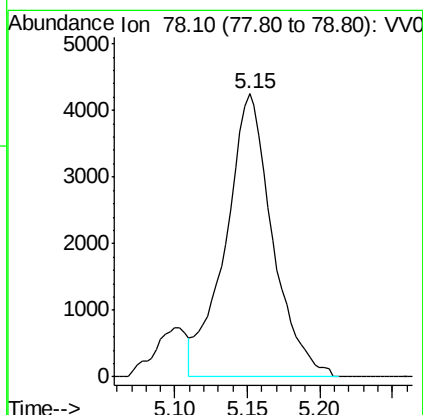
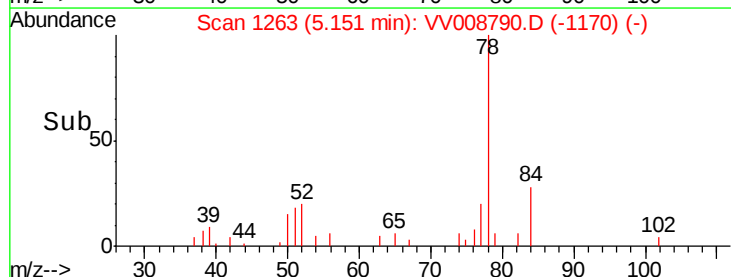
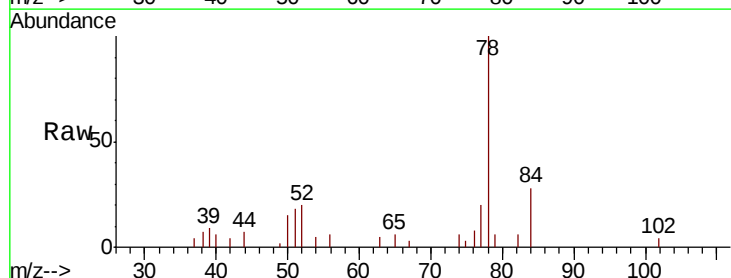
Instrument :
MSVOA_V
ClientSampleId :
YALP9

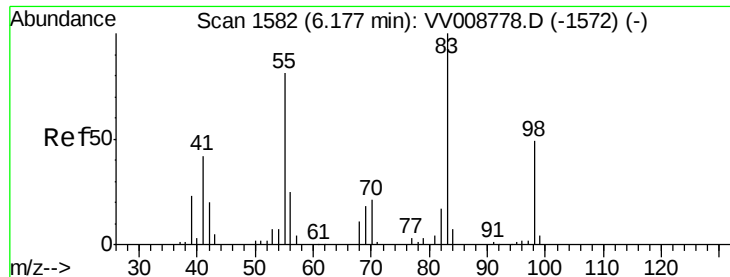
Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
69 15.6 25.1 37.7#
84 80.5 70.8 106.2



#33
Benzene
Concen: 0.241 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008790.D
Acq: 30 Nov 2018 02:47

Tgt Ion: 78 Resp: 9520

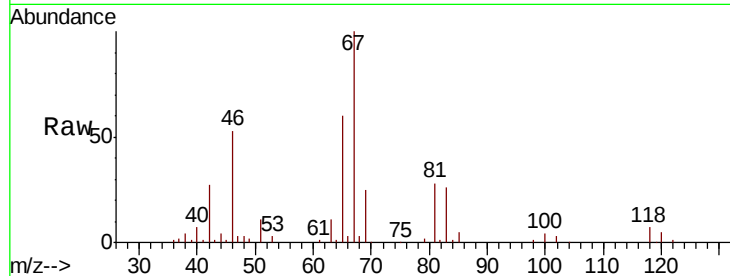




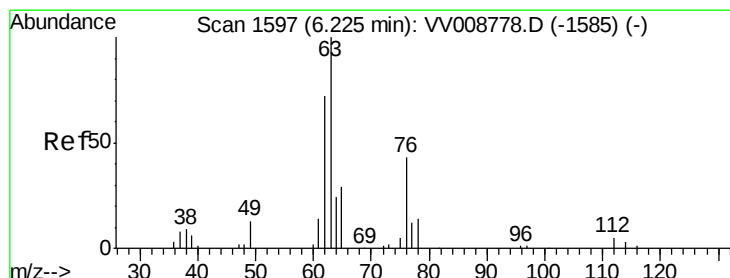
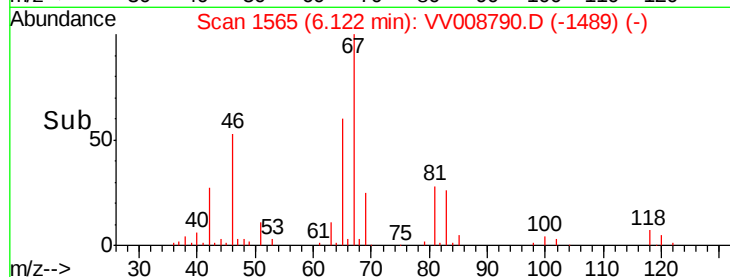
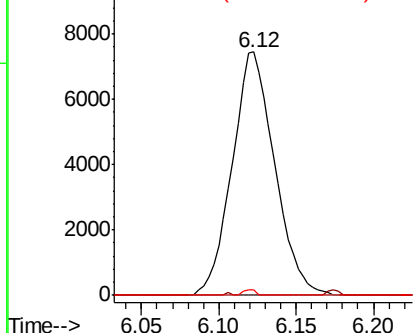
#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008790.D
Acq: 30 Nov 2018 02:47

Instrument :
MSVOA_V
ClientSampleId :
YALP9

Tgt Ion: 83 Resp: 14214
Ion Ratio Lower Upper
83 100
55 0.1 60.1 90.1#
98 0.6 37.4 56.2#

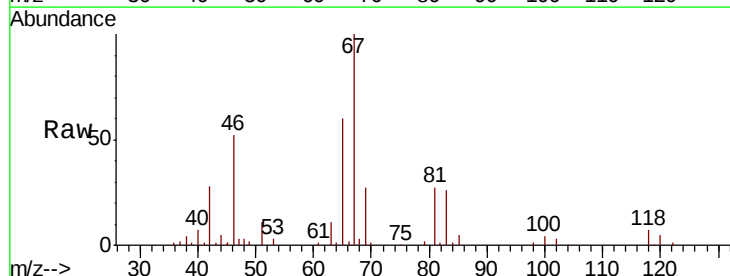


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

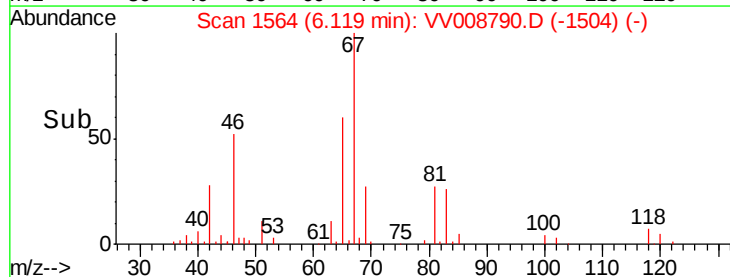
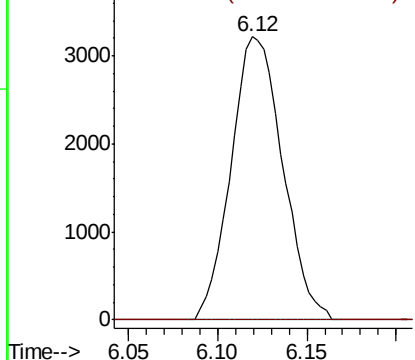


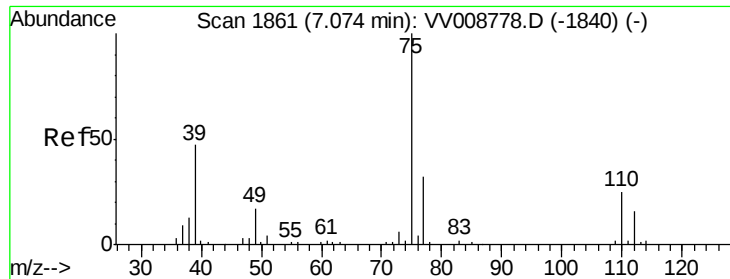
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008790.D
Acq: 30 Nov 2018 02:47

Tgt Ion: 63 Resp: 6474
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

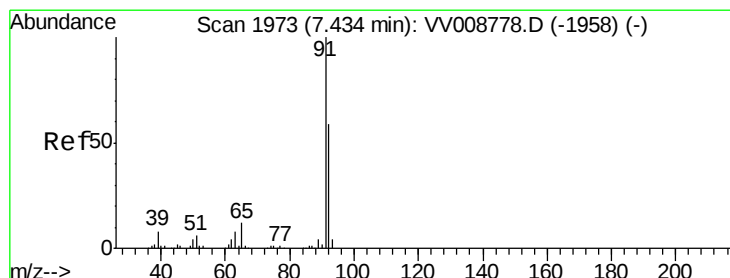
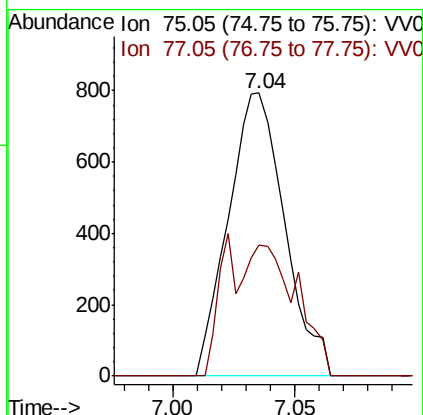
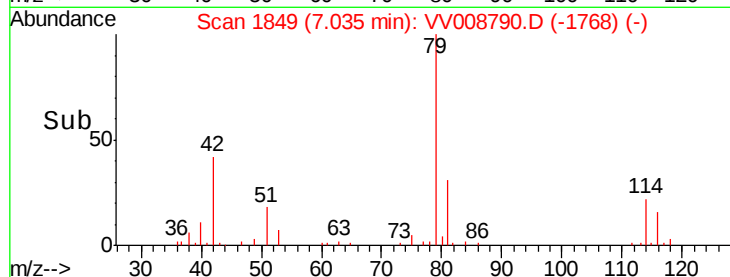
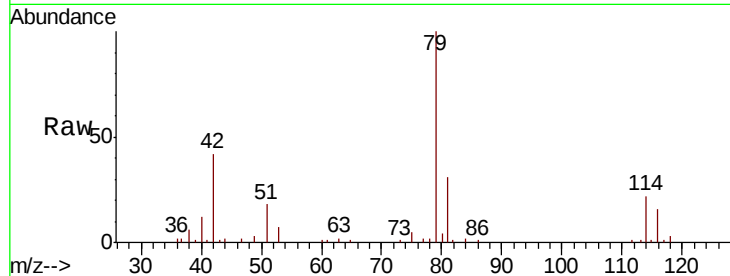




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008790.D
 Acq: 30 Nov 2018 02:47

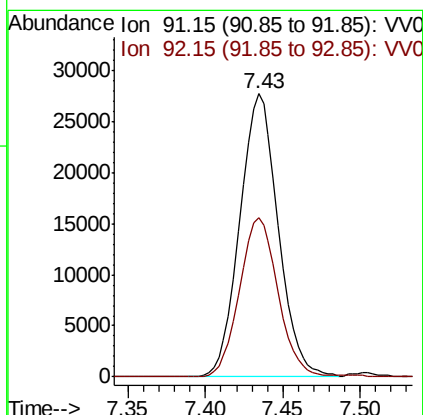
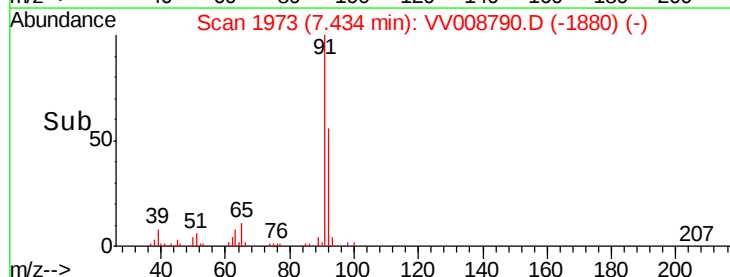
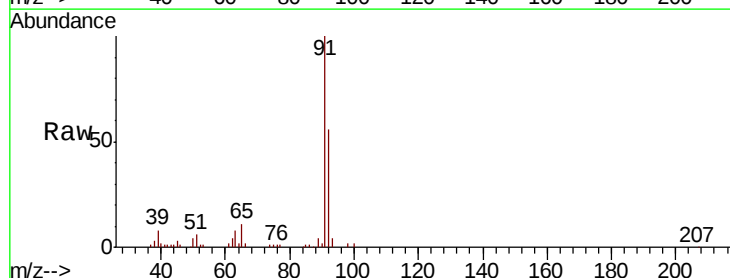
Instrument :
 MSVOA_V
 ClientSampleId :
 YALP9

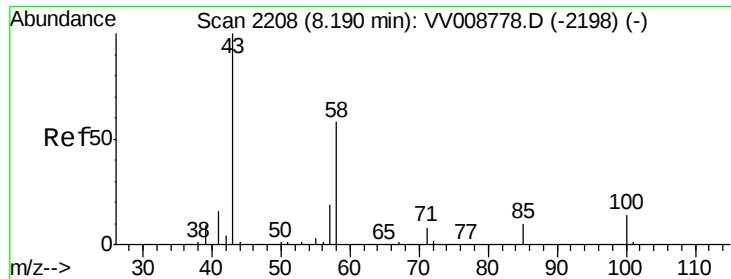
Tgt Ion: 75 Resp: 1273
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.8 42.4#



#42
 Toluene
 Concen: 1.158 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV008790.D
 Acq: 30 Nov 2018 02:47

Tgt Ion: 91 Resp: 47885
 Ion Ratio Lower Upper
 91 100
 92 56.1 40.5 75.3

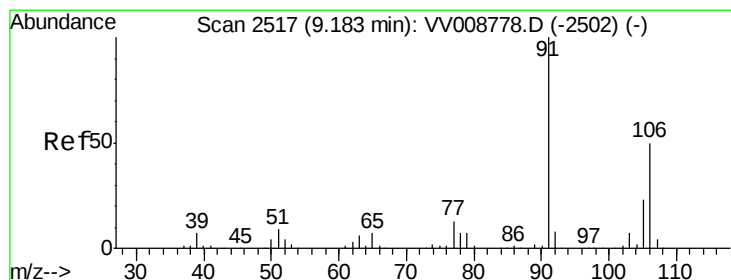
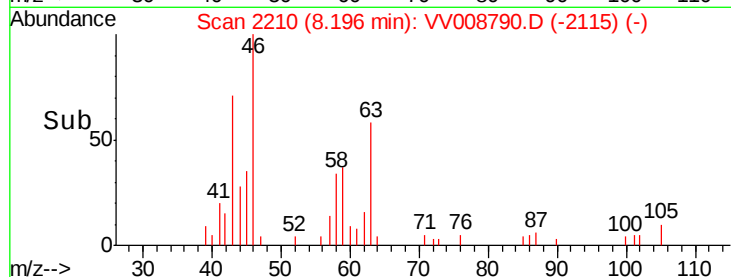
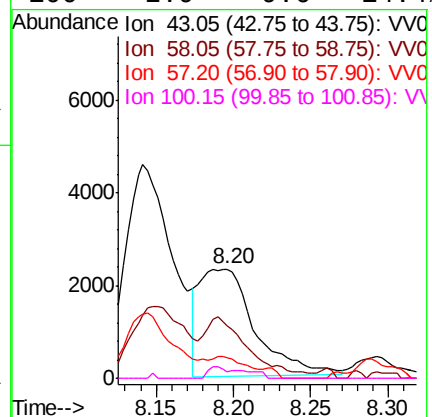
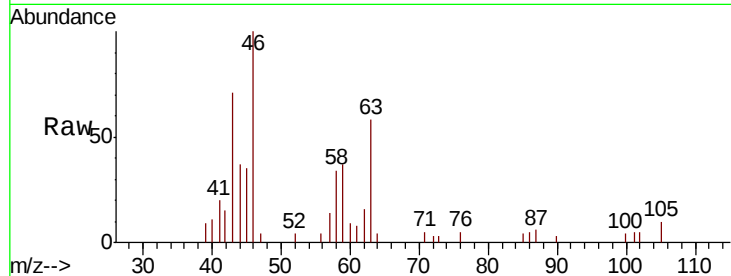




#48
2-Hexanone
Concen: 1.626 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV008790.D
Acq: 30 Nov 2018 02:47

Instrument :
MSVOA_V
ClientSampleId :
YALP9

Tgt Ion: 43 Resp: 5802
Ion Ratio Lower Upper
43 100
58 2.3 44.5 66.7#
57 0.0 15.2 22.8#
100 2.9 9.6 14.4#



#53
m,p-xylene
Concen: 0.179 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV008790.D
Acq: 30 Nov 2018 02:47

Tgt Ion: 106 Resp: 3011
Ion Ratio Lower Upper
106 100
91 181.6 145.5 270.3

