

Data File : VV007653.D
Acq On : 20 Sep 2018 14:03
Operator : SY/MD
Sample : J4900-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3ZE5

Quant Time: Sep 21 01:38:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96593	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18983	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.59	69	20440	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.14	63	36543	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.96	46	58405	57.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.34%
24) Chloroform-d	4.41	84	46998	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	25601	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.10	84	92150	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.13	67	27118	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	93238	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.67	79	9768	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.14	63	42956	52.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21007	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	41835	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

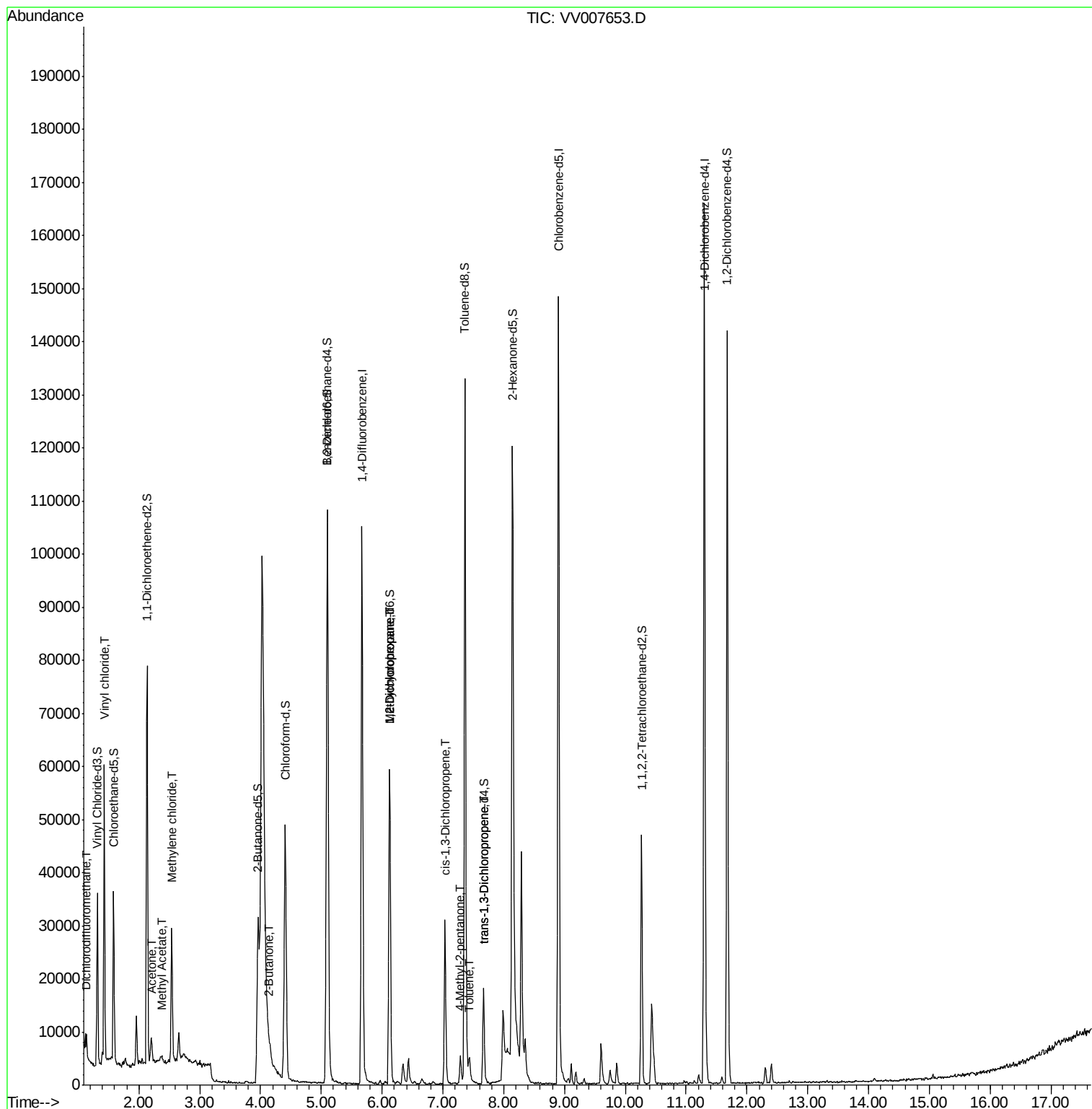
					Qvalue
2) Dichlorodifluoromethane	1.14	85	2551	0.328 ug/L	98
5) Vinyl chloride	1.43	62	1042	0.148 ug/L #	78
13) Acetone	2.21	43	5393	5.528 ug/L	100
15) Methyl Acetate	2.37	43	344	0.143 ug/L #	49
16) Methylene chloride	2.54	84	10978	1.537 ug/L	98
21) 2-Butanone	4.15	43	1691	1.374 ug/L	91
35) Methylcyclohexane	6.13	83	7007	0.649 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	3254	0.567 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	802	0.097 ug/L #	68
40) 4-Methyl-2-pentanone	7.28	43	4112	1.324 ug/L #	85
42) Toluene	7.43	91	3082	0.114 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	561	0.083 ug/L #	72

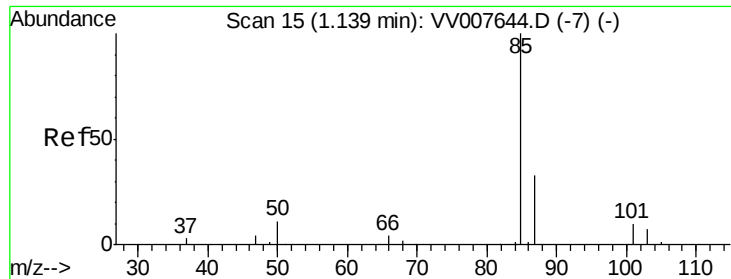
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.328 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV007653.D

Acq: 20 Sep 2018 14:03

Instrument :

MSVOA_V

ClientSampleId :

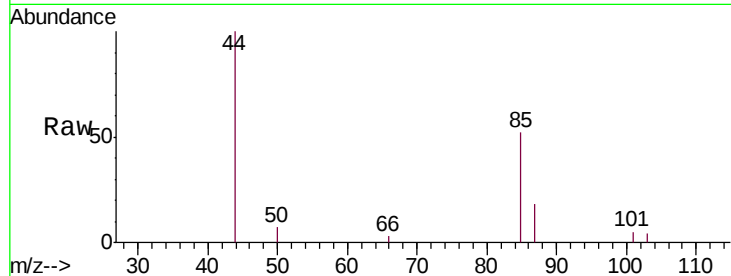
A3ZE5

Tgt Ion: 85 Resp: 2551

Ion Ratio Lower Upper

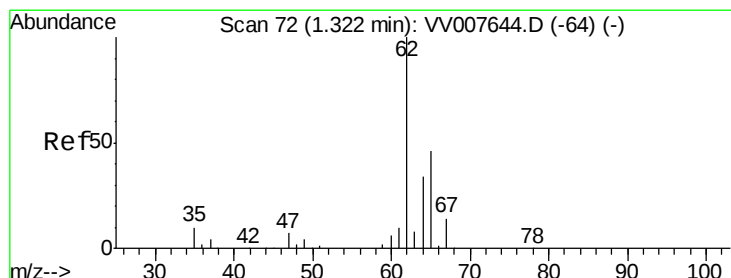
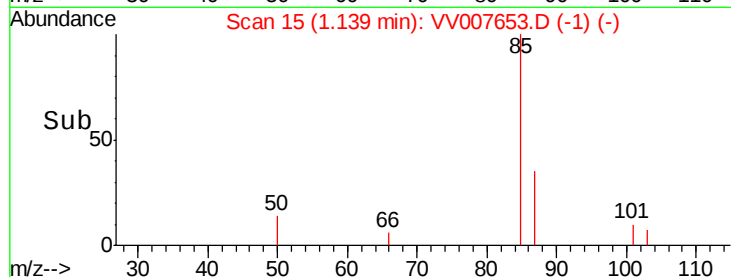
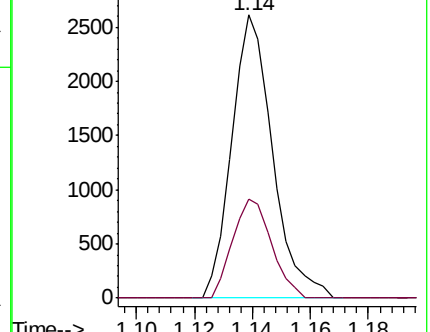
85 100

87 33.2 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VV007644.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV007644.D (-7) (-)



#5

Vinyl chloride

Concen: 0.148 ug/L

RT: 1.43 min Scan# 106

Delta R.T. 0.11 min

Lab File: VV007653.D

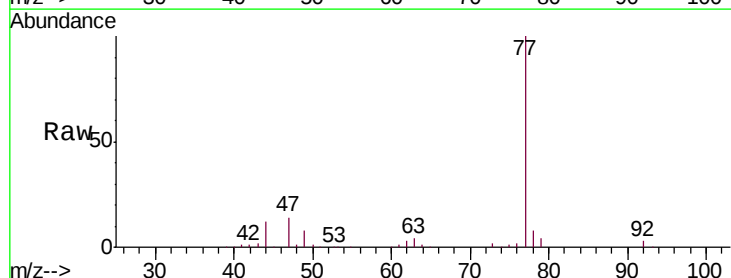
Acq: 20 Sep 2018 14:03

Tgt Ion: 62 Resp: 1042

Ion Ratio Lower Upper

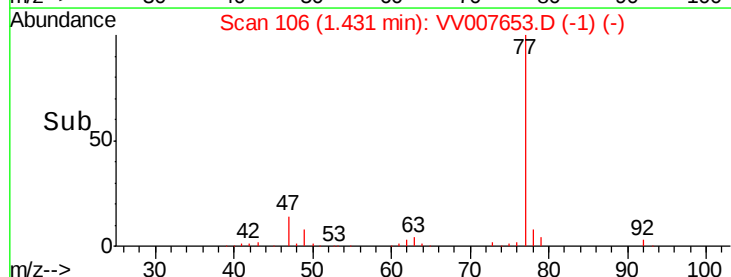
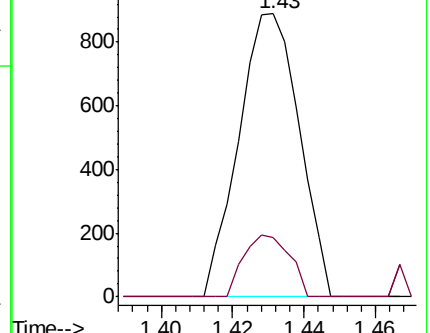
62 100

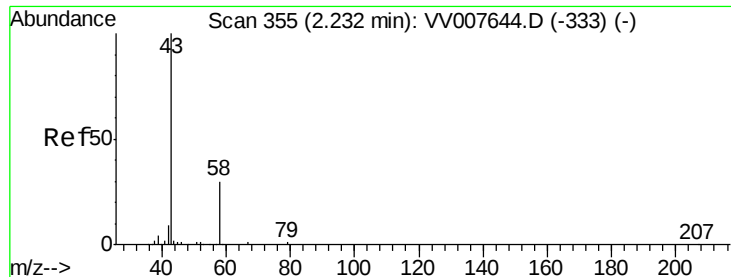
64 20.9 23.5 43.7#



Abundance Ion 62.00 (61.70 to 62.70): VV007644.D (-64) (-)

Ion 64.10 (63.80 to 64.80): VV007644.D (-64) (-)





#13

Acetone

Concen: 5.528 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV007653.D

Acq: 20 Sep 2018 14:03

Instrument :

MSVOA_V

ClientSampleId :

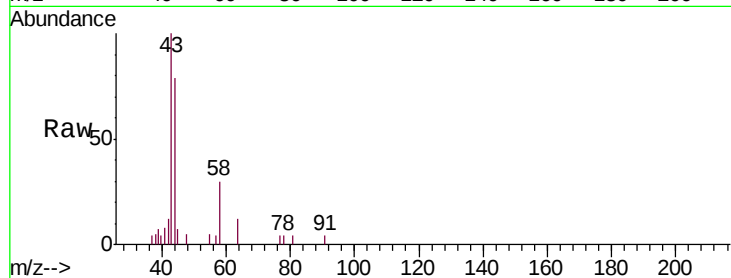
A3ZE5

Tgt Ion: 43 Resp: 5393

Ion Ratio Lower Upper

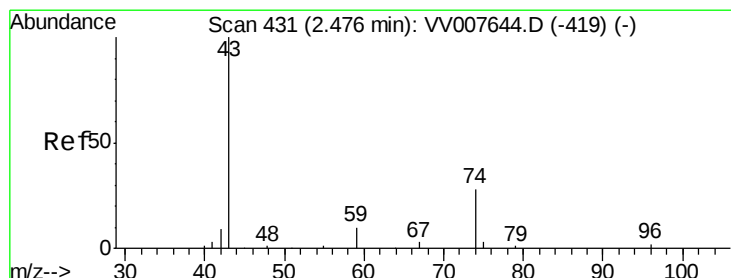
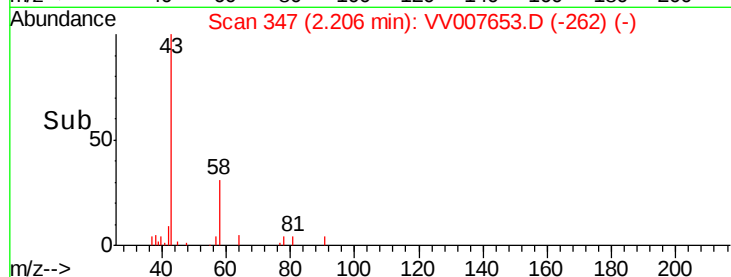
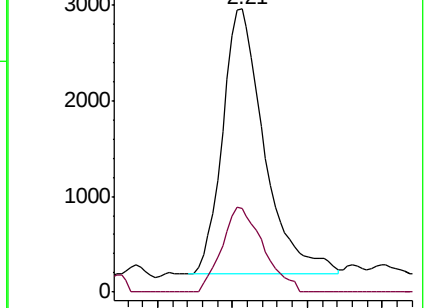
43 100

58 31.6 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV007644.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV007644.D (-333) (-)



#15

Methyl Acetate

Concen: 0.143 ug/L

RT: 2.37 min Scan# 397

Delta R.T. -0.11 min

Lab File: VV007653.D

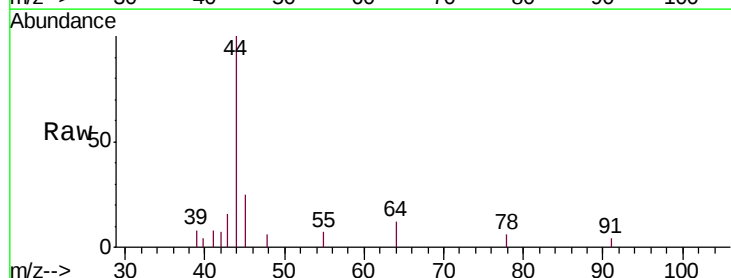
Acq: 20 Sep 2018 14:03

Tgt Ion: 43 Resp: 344

Ion Ratio Lower Upper

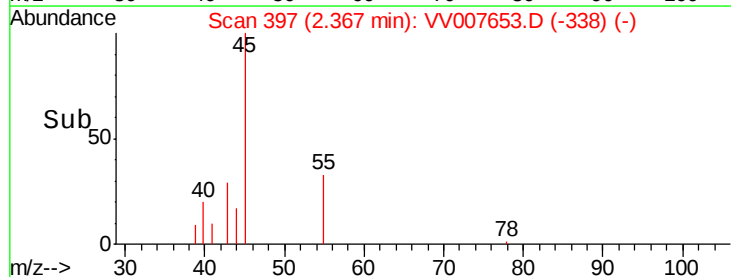
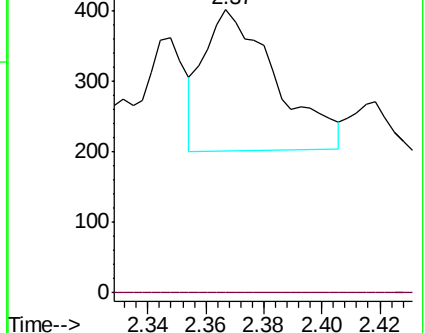
43 100

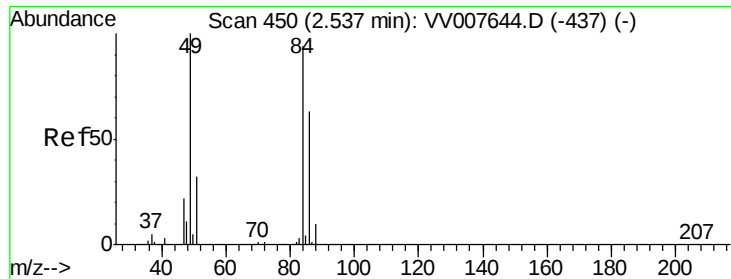
74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV007644.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VV007644.D (-419) (-)

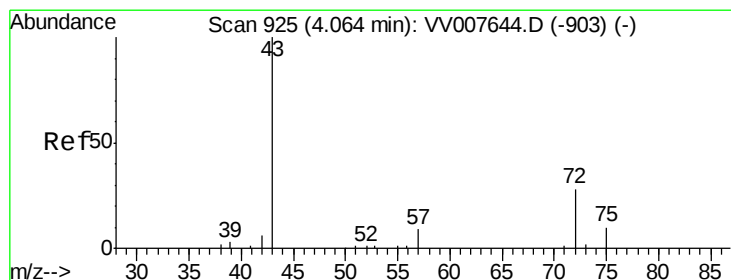
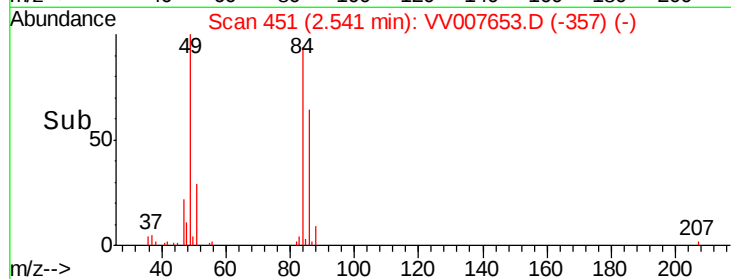
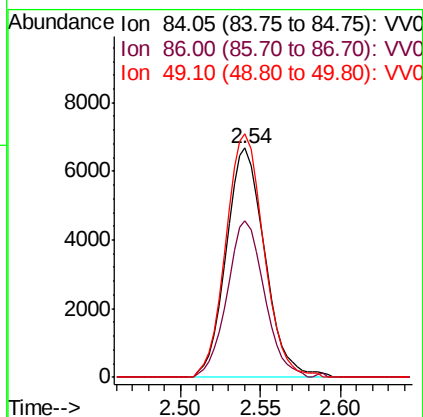
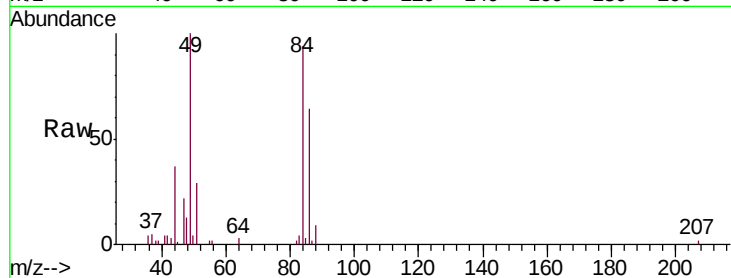




#16
Methylene chloride
Concen: 1.537 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007653.D
Acq: 20 Sep 2018 14:03

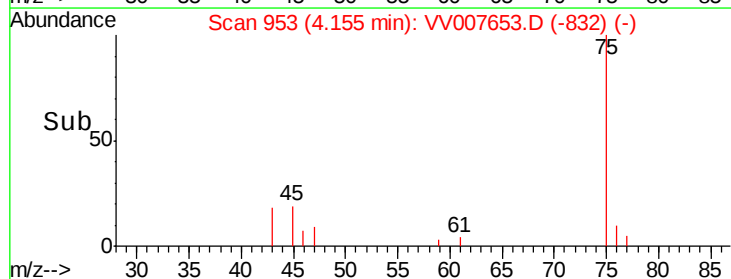
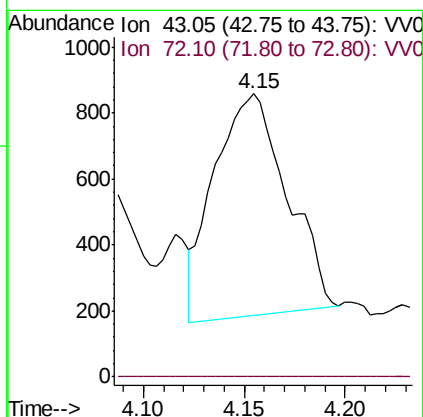
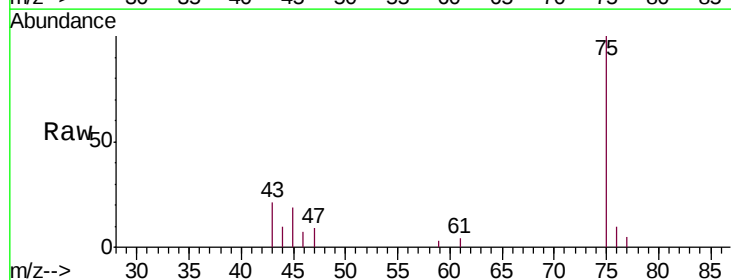
Instrument :
MSVOA_V
ClientSampleId :
A3ZE5

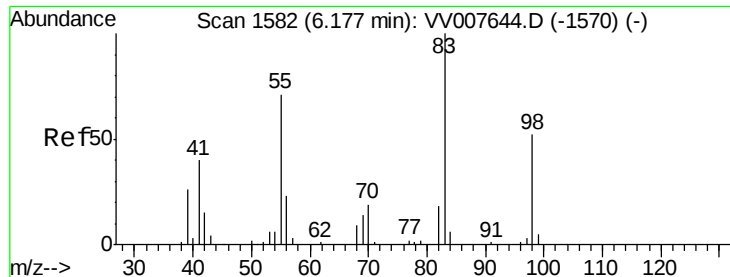
Tgt Ion: 84 Resp: 10978
Ion Ratio Lower Upper
84 100
86 68.5 46.1 85.5
49 106.3 75.5 140.1



#21
2-Butanone
Concen: 1.374 ug/L
RT: 4.15 min Scan# 953
Delta R.T. 0.09 min
Lab File: VV007653.D
Acq: 20 Sep 2018 14:03

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
72 24.5 14.8 44.4

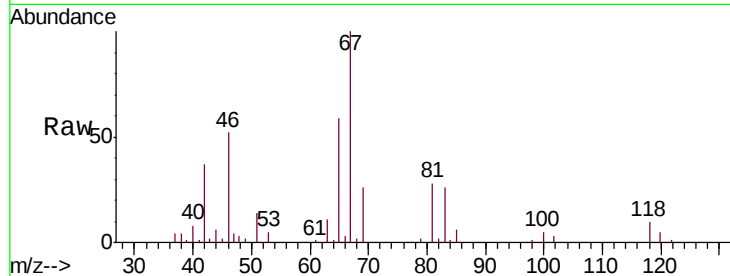




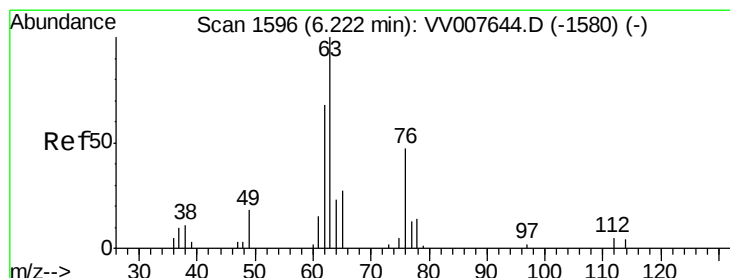
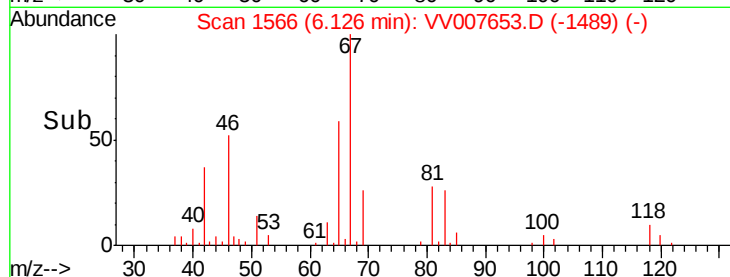
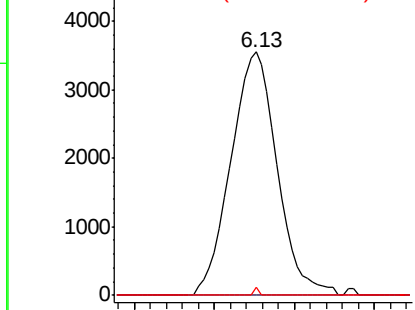
#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007653.D
Acq: 20 Sep 2018 14:03

Instrument :
MSVOA_V
ClientSampleId :
A3ZE5

Tgt Ion: 83 Resp: 7007
Ion Ratio Lower Upper
83 100
55 0.6 54.8 82.2#
98 0.3 40.7 61.1#

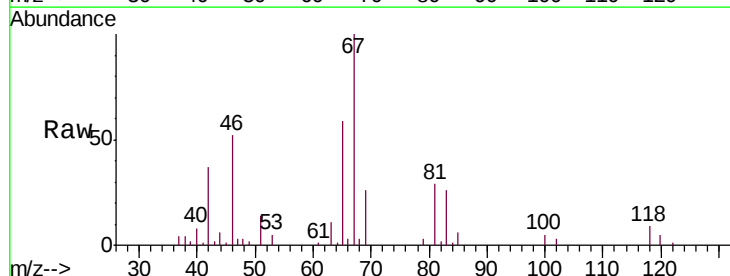


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

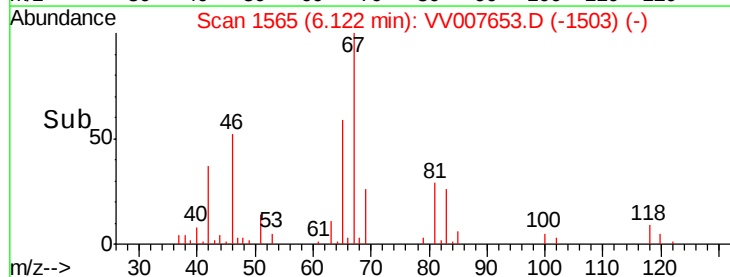
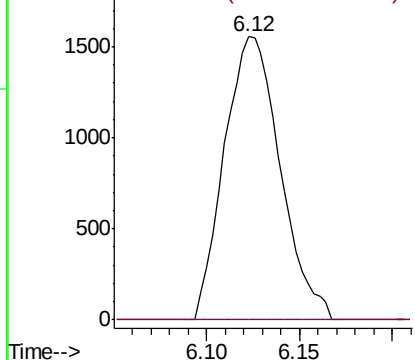


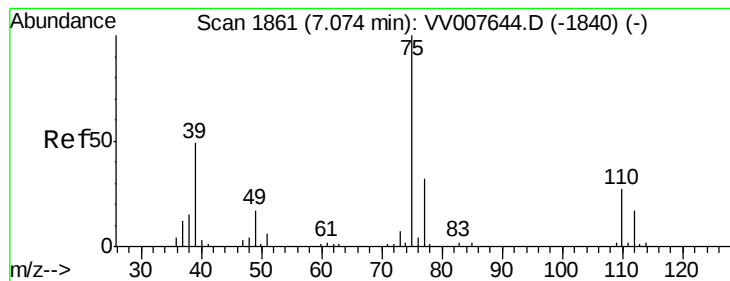
#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007653.D
Acq: 20 Sep 2018 14:03

Tgt Ion: 63 Resp: 3254
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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: 0.097 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007653.D

Acq: 20 Sep 2018 14:03

Instrument :

MSVOA_V

ClientSampled :

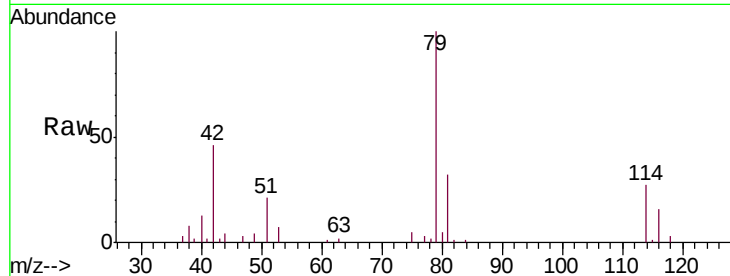
A3ZE5

Tgt Ion: 75 Resp: 802

Ion Ratio Lower Upper

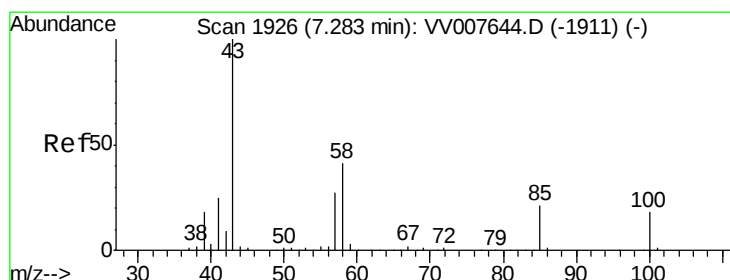
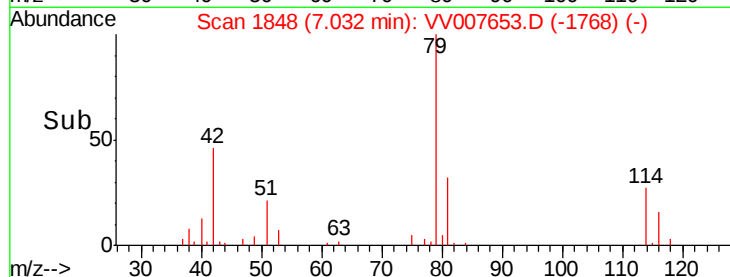
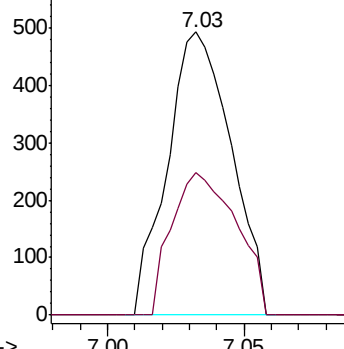
75 100

77 50.5 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#40

4-Methyl-2-pentanone

Concen: 1.324 ug/L

RT: 7.28 min Scan# 1926

Delta R.T. 0.00 min

Lab File: VV007653.D

Acq: 20 Sep 2018 14:03

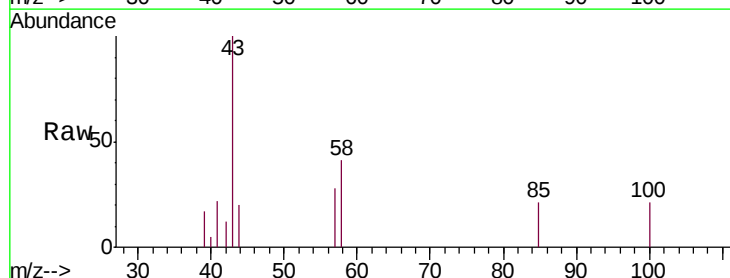
Tgt Ion: 43 Resp: 4112

Ion Ratio Lower Upper

43 100

58 38.1 32.4 48.6

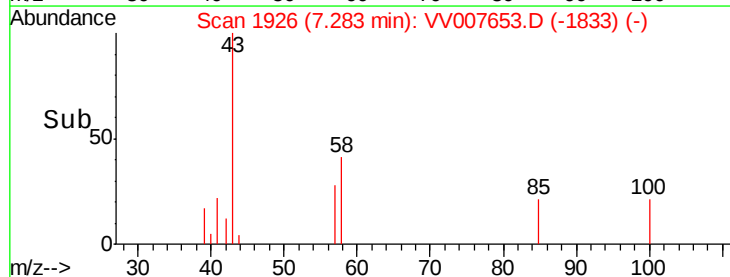
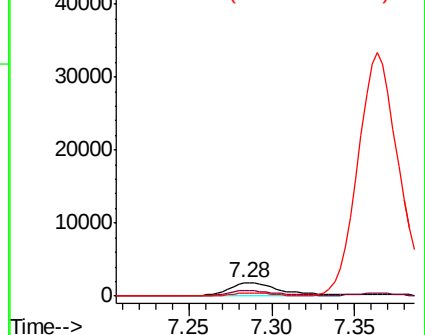
100 0.0 14.6 21.8#

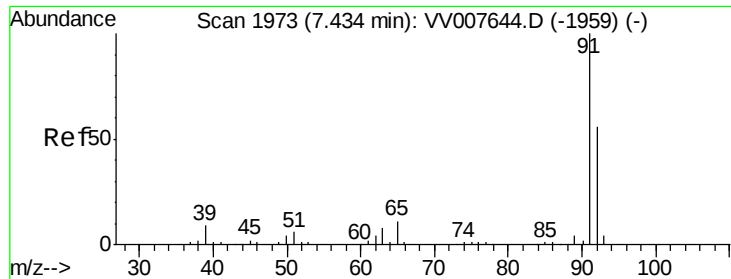


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0





#42

Toluene

Concen: 0.114 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007653.D

Acq: 20 Sep 2018 14:03

Instrument :

MSVOA_V

ClientSampleId :

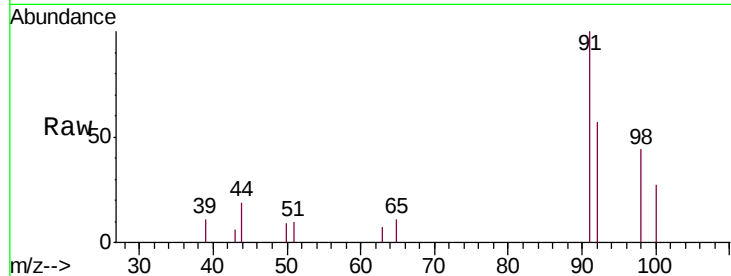
A3ZE5

Tgt Ion: 91 Resp: 3082

Ion Ratio Lower Upper

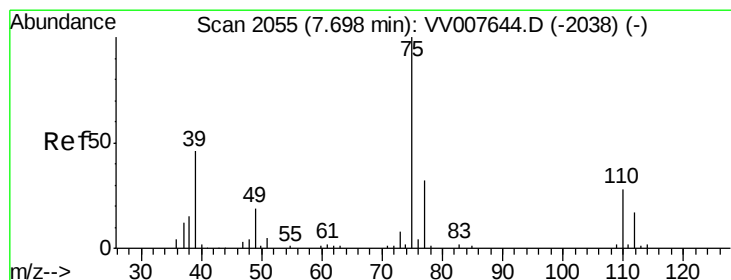
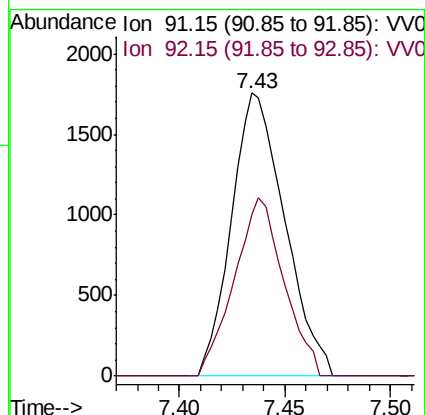
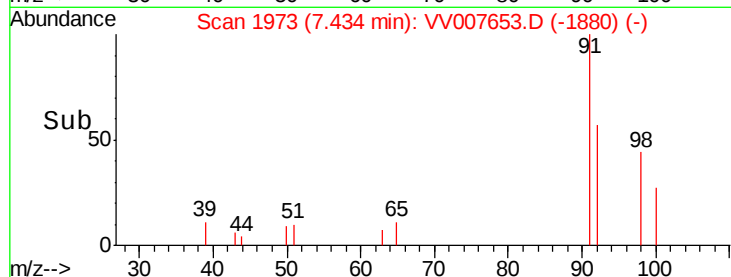
91 100

92 57.1 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VV007644.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007653.D (-1880) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007653.D

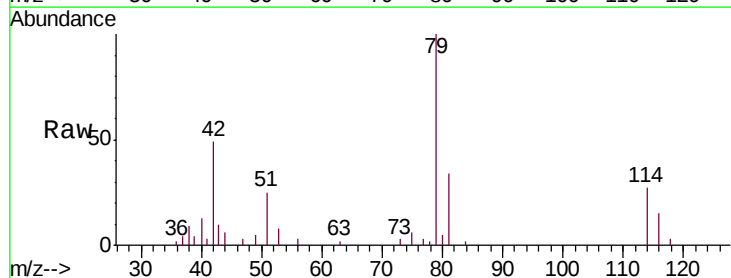
Acq: 20 Sep 2018 14:03

Tgt Ion: 75 Resp: 561

Ion Ratio Lower Upper

75 100

77 47.9 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV007644.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV007653.D (-1962) (-)

