

Data File : VV008703.D
Acq On : 21 Nov 2018 16:12
Operator : SY/MD
Sample : J6026-08DL 4X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FL6DL

Quant Time: Nov 22 00:41:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	168643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	154990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64527	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39335	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.59	69	27277	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.14	63	58431	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.96	46	107511	40.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.22%
24) Chloroform-d	4.41	84	92260	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.09	65	47335	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.10	84	194017	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	59057	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	172348	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	17919	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.14	63	72619	32.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35780	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	56723	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

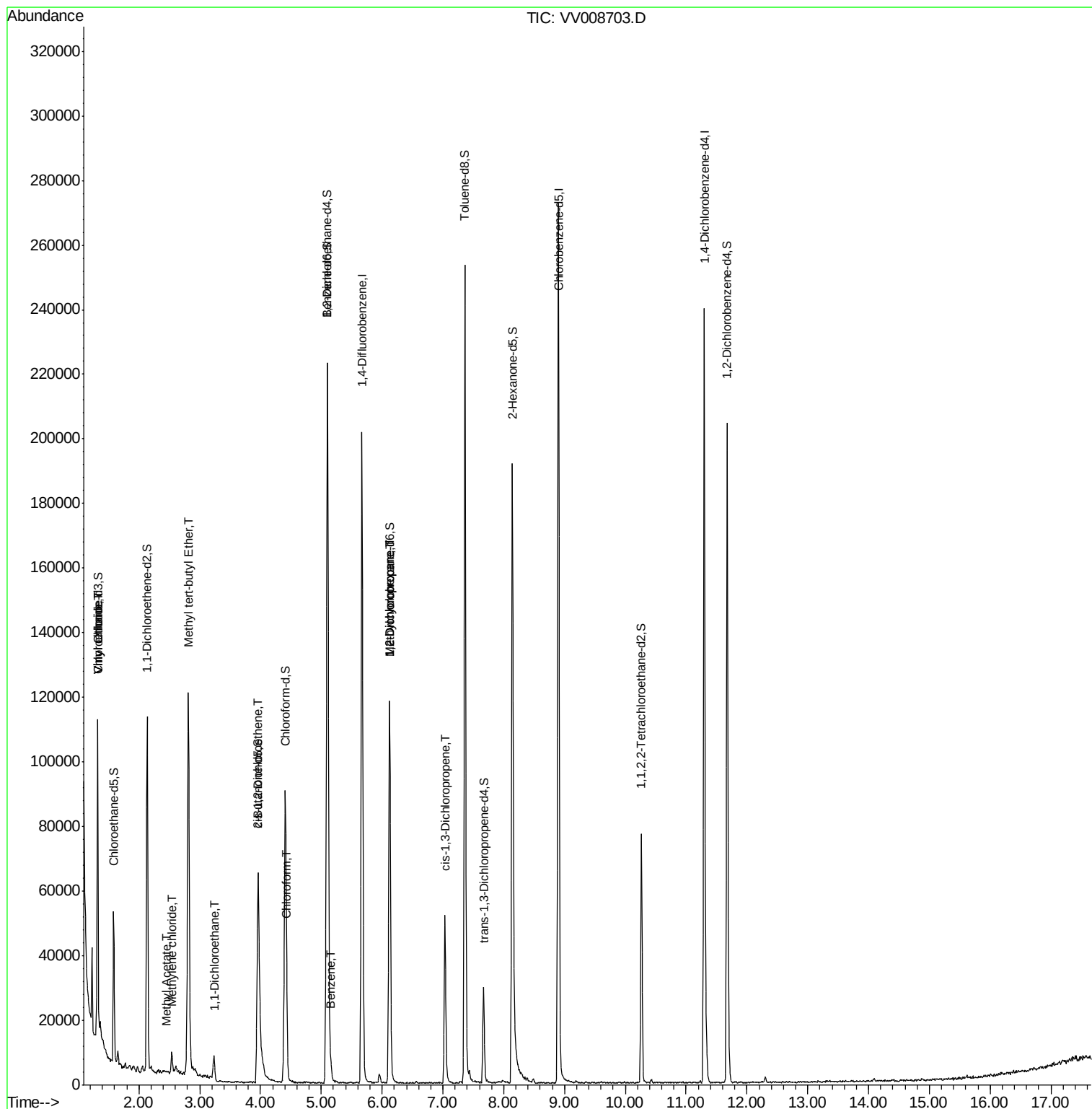
					Qvalue
5) Vinyl chloride	1.33	62	9872	0.926 ug/L	92
8) Chloroethane	1.33	64	3316	0.531 ug/L	90
15) Methyl Acetate	2.46	43	437	0.125 ug/L #	54
16) Methylene chloride	2.54	84	2188	0.230 ug/L	78
17) Methyl tert-butyl Ether	2.81	73	119482	5.742 ug/L	98
19) 1,1-Dichloroethane	3.24	63	7470	0.348 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	2019	0.158 ug/L	91
25) Chloroform	4.44	83	3354	0.124 ug/L	93
33) Benzene	5.16	78	4372	0.089 ug/L	100
35) Methylcyclohexane	6.12	83	13525	0.615 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6131	0.475 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1337	0.077 ug/L #	71

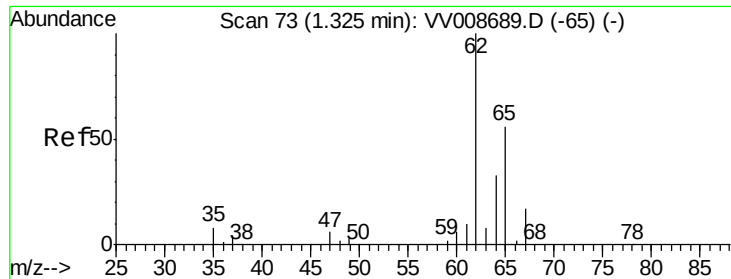
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.926 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008703.D

Acq: 21 Nov 2018 16:12

Instrument :

MSVOA_V

ClientSampled :

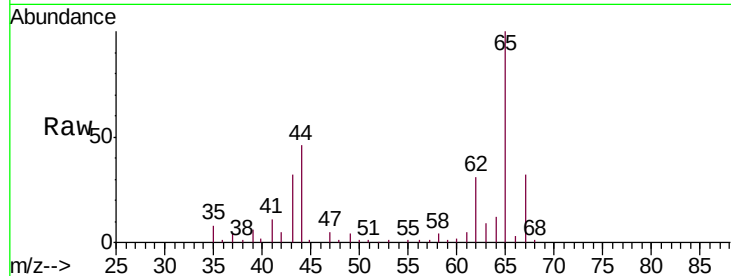
H0FL6DL

Tgt Ion: 62 Resp: 9872

Ion Ratio Lower Upper

62 100

64 37.8 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

10000

8000

6000

4000

2000

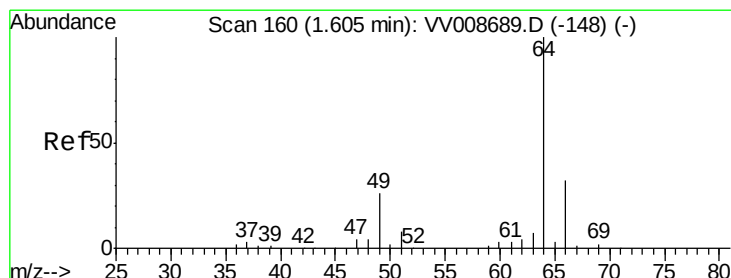
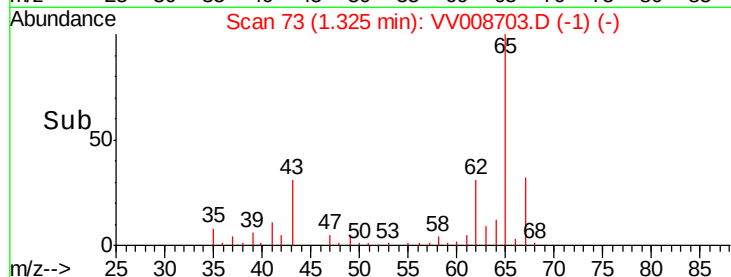
0

Time-->

1.30

1.33

1.35



#8

Chloroethane

Concen: 0.531 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.28 min

Lab File: VV008703.D

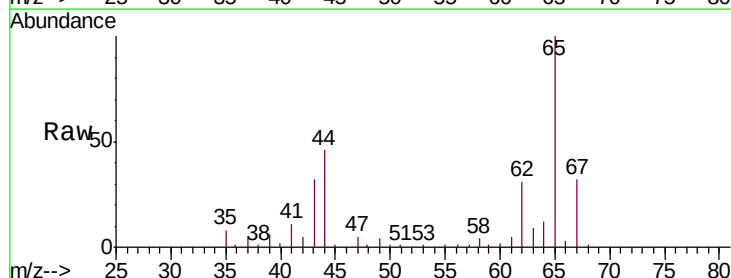
Acq: 21 Nov 2018 16:12

Tgt Ion: 64 Resp: 3316

Ion Ratio Lower Upper

64 100

66 26.9 22.7 42.3



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

4000

3000

2000

1000

0

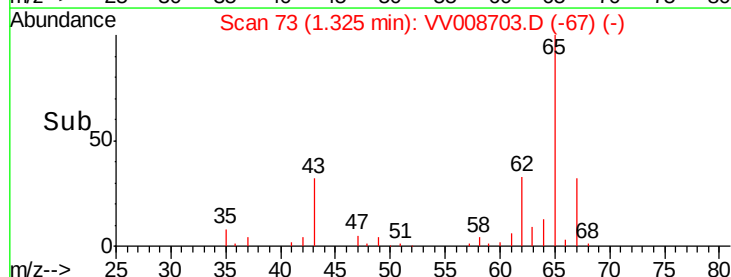
Time-->

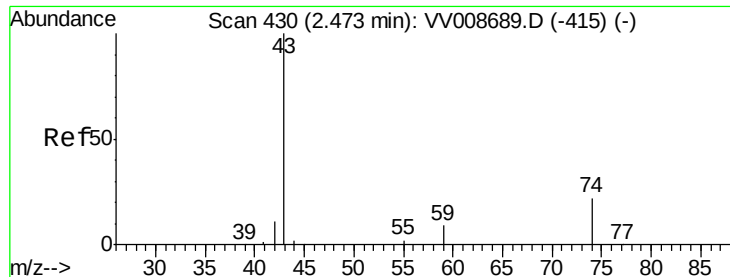
1.30

1.32

1.34

1.36





#15

Methyl Acetate

Concen: 0.125 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: VV008703.D

Acq: 21 Nov 2018 16:12

Instrument :

MSVOA_V

ClientSampleId :

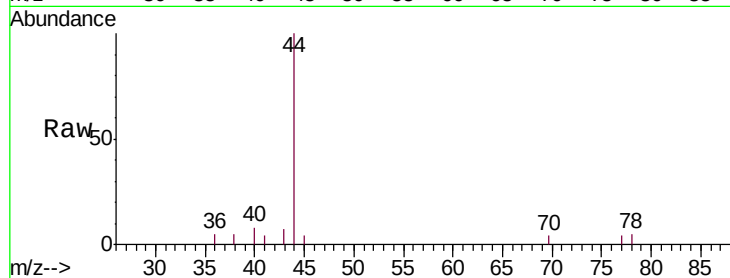
H0FL6DL

Tgt Ion: 43 Resp: 437

Ion Ratio Lower Upper

43 100

74 0.0 17.6 26.4#



Abundance Ion 43.05 (42.75 to 43.75): VV008689.D (-415) (-)

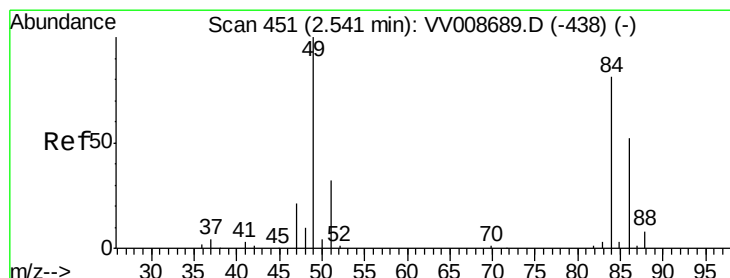
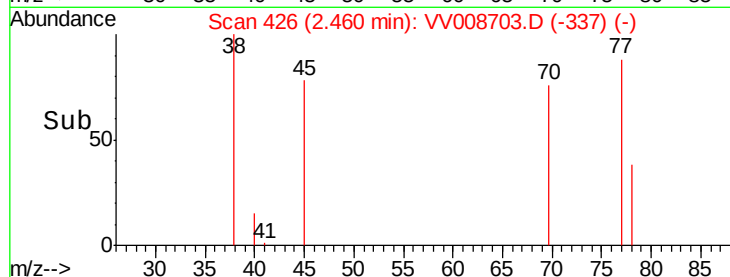
Ion 74.05 (73.75 to 74.75): VV008689.D (-415) (-)

2.46

2.45

2.50

Time-->



#16

Methylene chloride

Concen: 0.230 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV008703.D

Acq: 21 Nov 2018 16:12

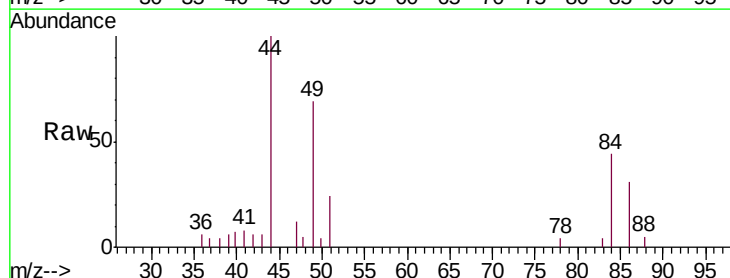
Tgt Ion: 84 Resp: 2188

Ion Ratio Lower Upper

84 100

86 71.9 44.8 83.2

49 158.7 88.1 163.7



Abundance Ion 84.05 (83.75 to 84.75): VV008689.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV008689.D (-438) (-)

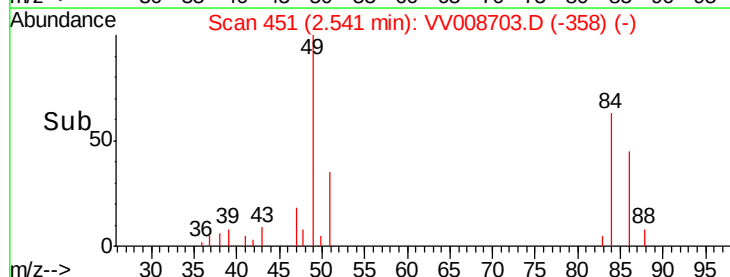
Ion 49.10 (48.80 to 49.80): VV008689.D (-438) (-)

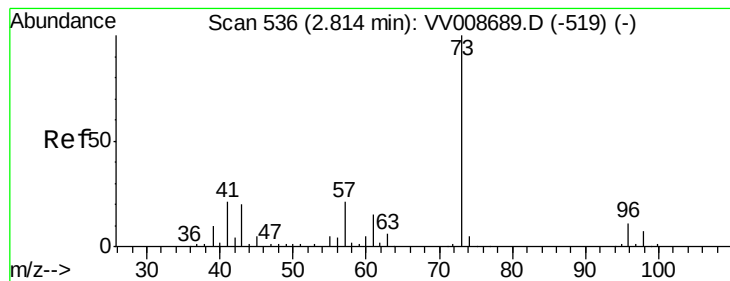
2.54

2.50

2.55

Time-->





#17

Methyl tert-butyl Ether

Concen: 5.742 ug/L

RT: 2.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: VV008703.D

Acq: 21 Nov 2018 16:12

Instrument :

MSVOA_V

ClientSampleId :

H0FL6DL

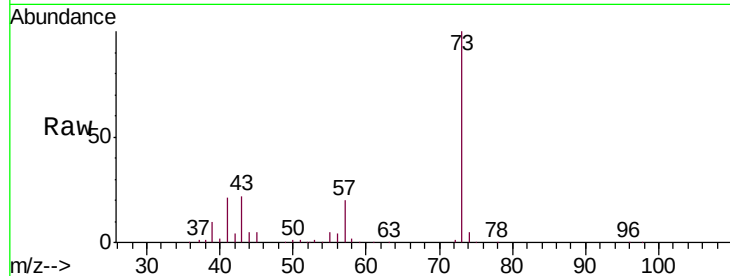
Tgt Ion: 73 Resp: 119482

Ion Ratio Lower Upper

73 100

43 22.0 18.1 27.1

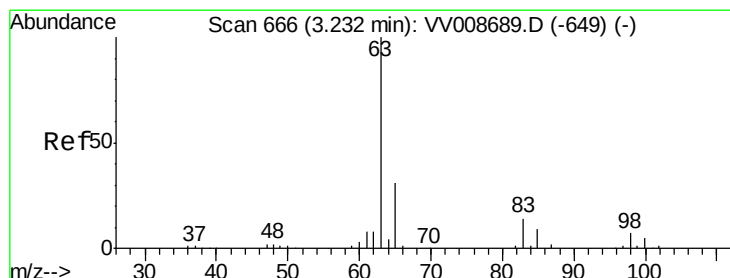
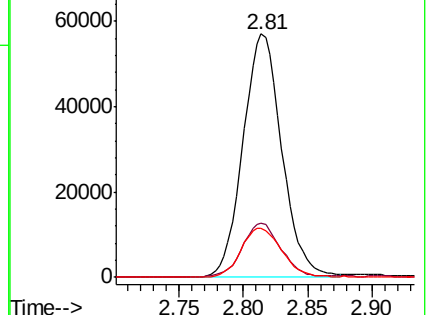
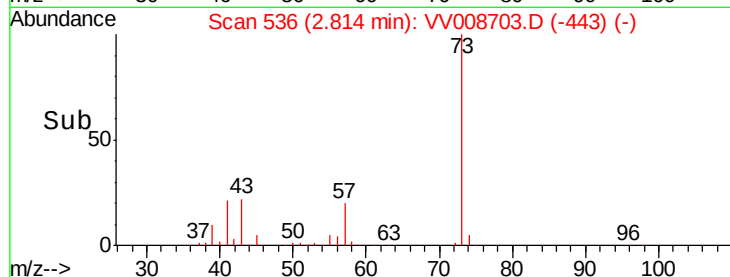
57 21.1 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VV008703.D (-443) (-)

Ion 43.05 (42.75 to 43.75): VV008703.D (-443) (-)

Ion 57.10 (56.80 to 57.80): VV008703.D (-443) (-)



#19

1,1-Dichloroethane

Concen: 0.348 ug/L

RT: 3.24 min Scan# 667

Delta R.T. 0.00 min

Lab File: VV008703.D

Acq: 21 Nov 2018 16:12

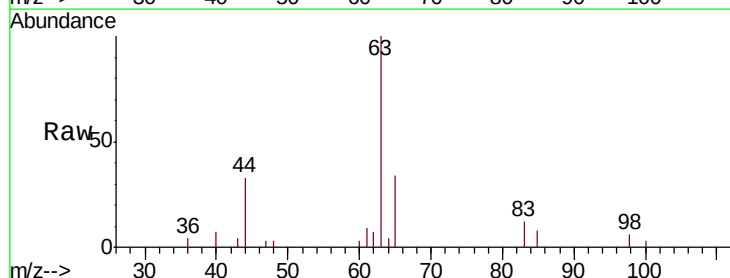
Tgt Ion: 63 Resp: 7470

Ion Ratio Lower Upper

63 100

65 34.5 23.2 43.0

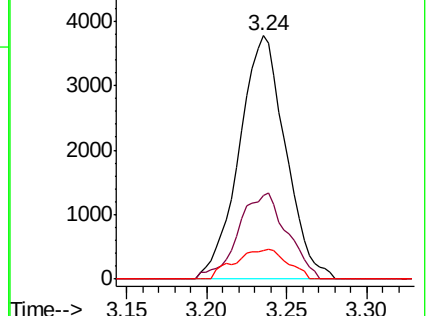
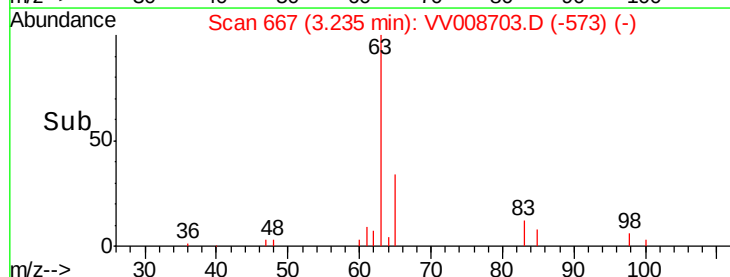
83 11.6 9.5 17.7

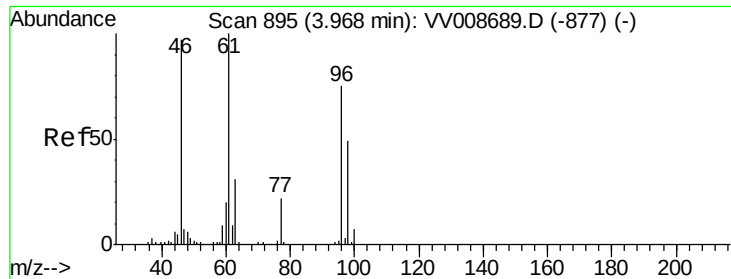


Abundance Ion 63.10 (62.80 to 63.80): VV008703.D (-573) (-)

Ion 65.10 (64.80 to 65.80): VV008703.D (-573) (-)

Ion 83.05 (82.75 to 83.75): VV008703.D (-573) (-)



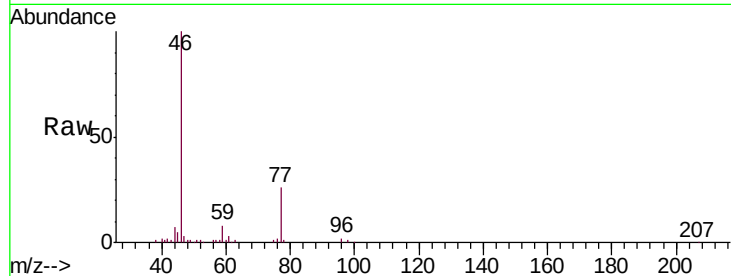


#22

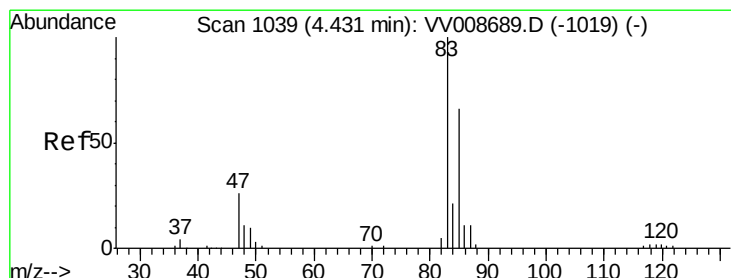
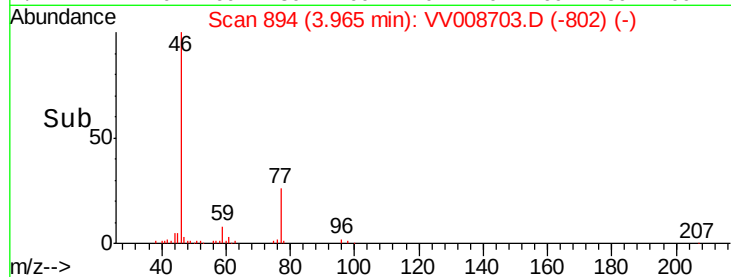
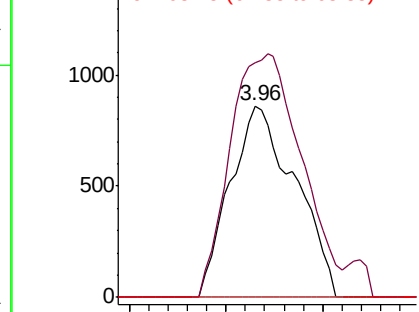
cis-1,2-Dichloroethene
 Concen: 0.158 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008703.D
 Acq: 21 Nov 2018 16:12

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FL6DL

Tgt Ion: 96 Resp: 2019
 Ion Ratio Lower Upper
 96 100
 61 122.8 93.2 173.2
 68 0.0 0.0 0.0



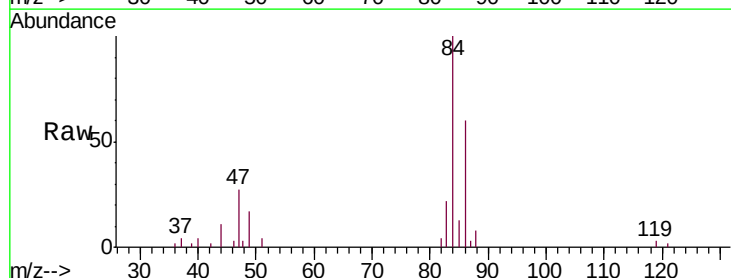
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



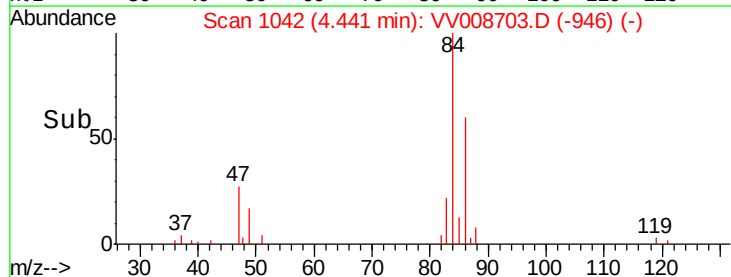
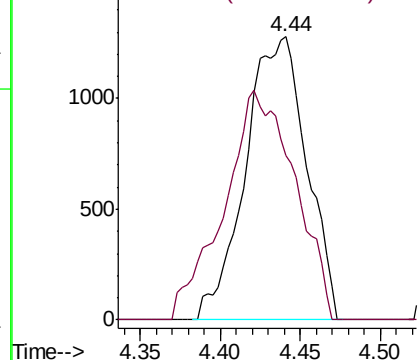
#25

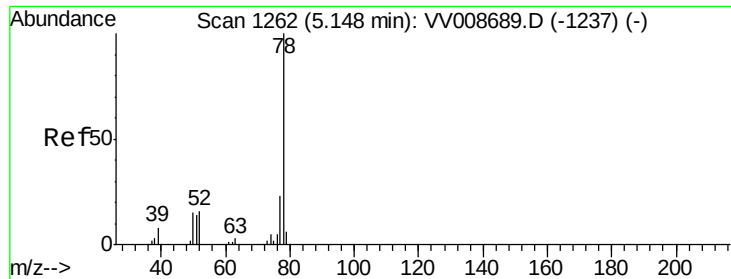
Chloroform
 Concen: 0.124 ug/L
 RT: 4.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VV008703.D
 Acq: 21 Nov 2018 16:12

Tgt Ion: 83 Resp: 3354
 Ion Ratio Lower Upper
 83 100
 85 57.9 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

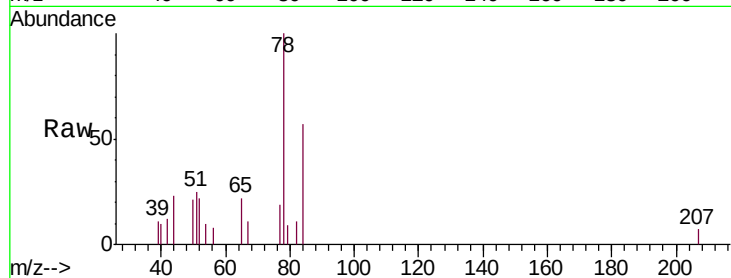




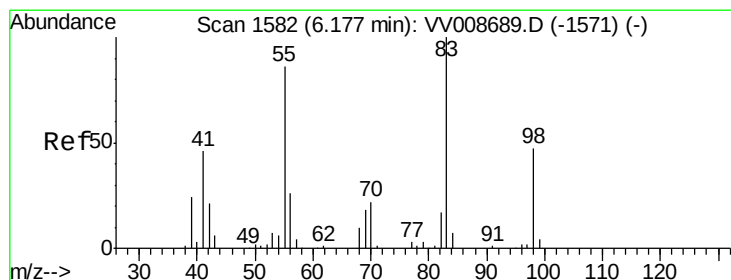
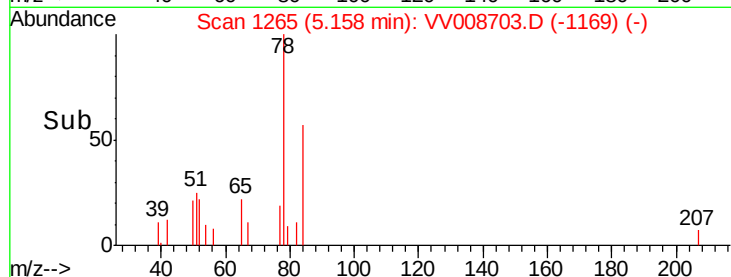
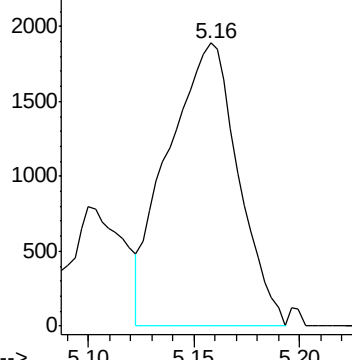
#33
Benzene
Concen: 0.089 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VV008703.D
Acq: 21 Nov 2018 16:12

Instrument :
MSVOA_V
ClientSampleId :
H0FL6DL

Tgt Ion: 78 Resp: 4372

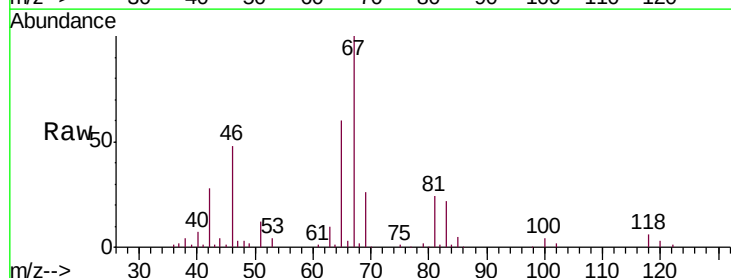


Abundance Ion 78.10 (77.80 to 78.80): VV0



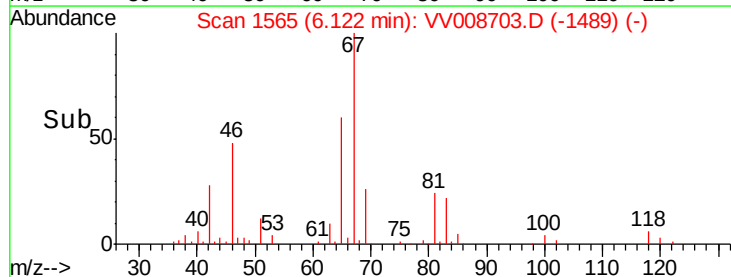
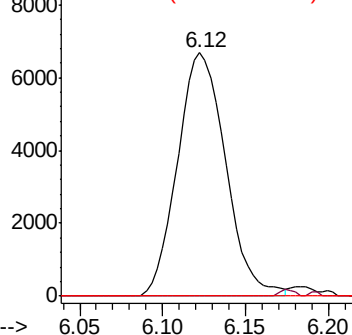
#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008703.D
Acq: 21 Nov 2018 16:12

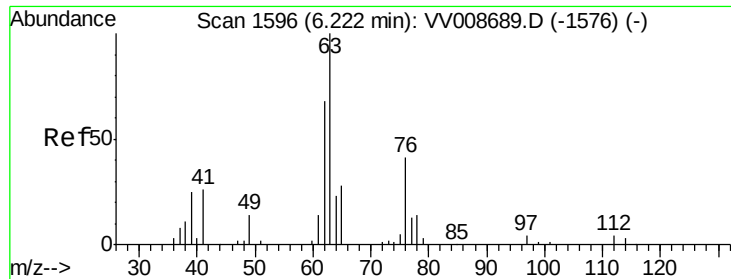
Tgt Ion: 83 Resp: 13525
Ion Ratio Lower Upper
83 100
55 0.8 65.6 98.4#
98 0.5 36.4 54.6#



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

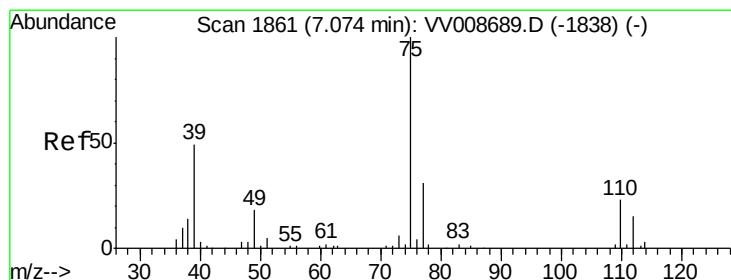
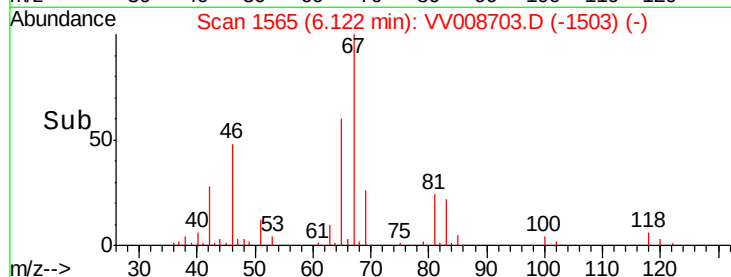
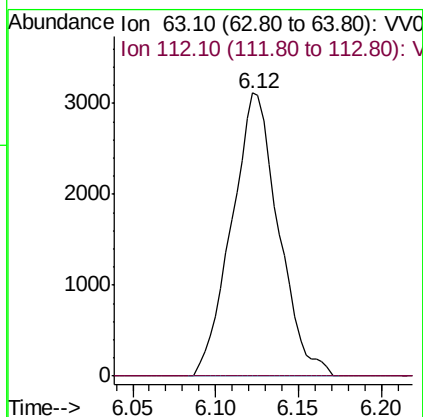
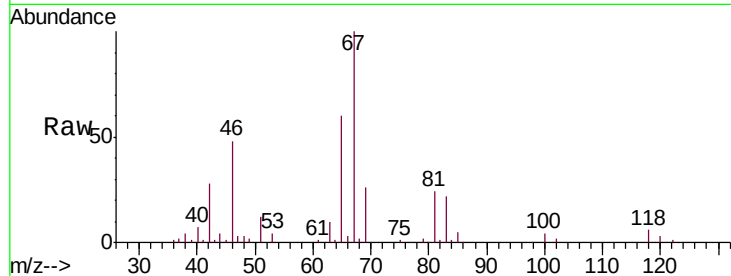




#37
 1,2-Dichloropropane
 Concen: 0.475 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008703.D
 Acq: 21 Nov 2018 16:12

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FL6DL

Tgt Ion: 63 Resp: 6131
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008703.D
 Acq: 21 Nov 2018 16:12

Tgt Ion: 75 Resp: 1337
 Ion Ratio Lower Upper
 75 100
 77 49.1 23.0 42.8#

