

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008339.D
 Acq On : 18 Oct 2018 13:11
 Operator : SY/MD
 Sample : J5407-07DL 20X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:27:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:24:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	98997	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30856	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.59	69	23448	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	44281	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	3.97	46	101307	53.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	4.41	84	63348	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	33050	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	131490	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	45039	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.36	98	111856	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	15318	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.14	63	60293	48.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24787	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	33794	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

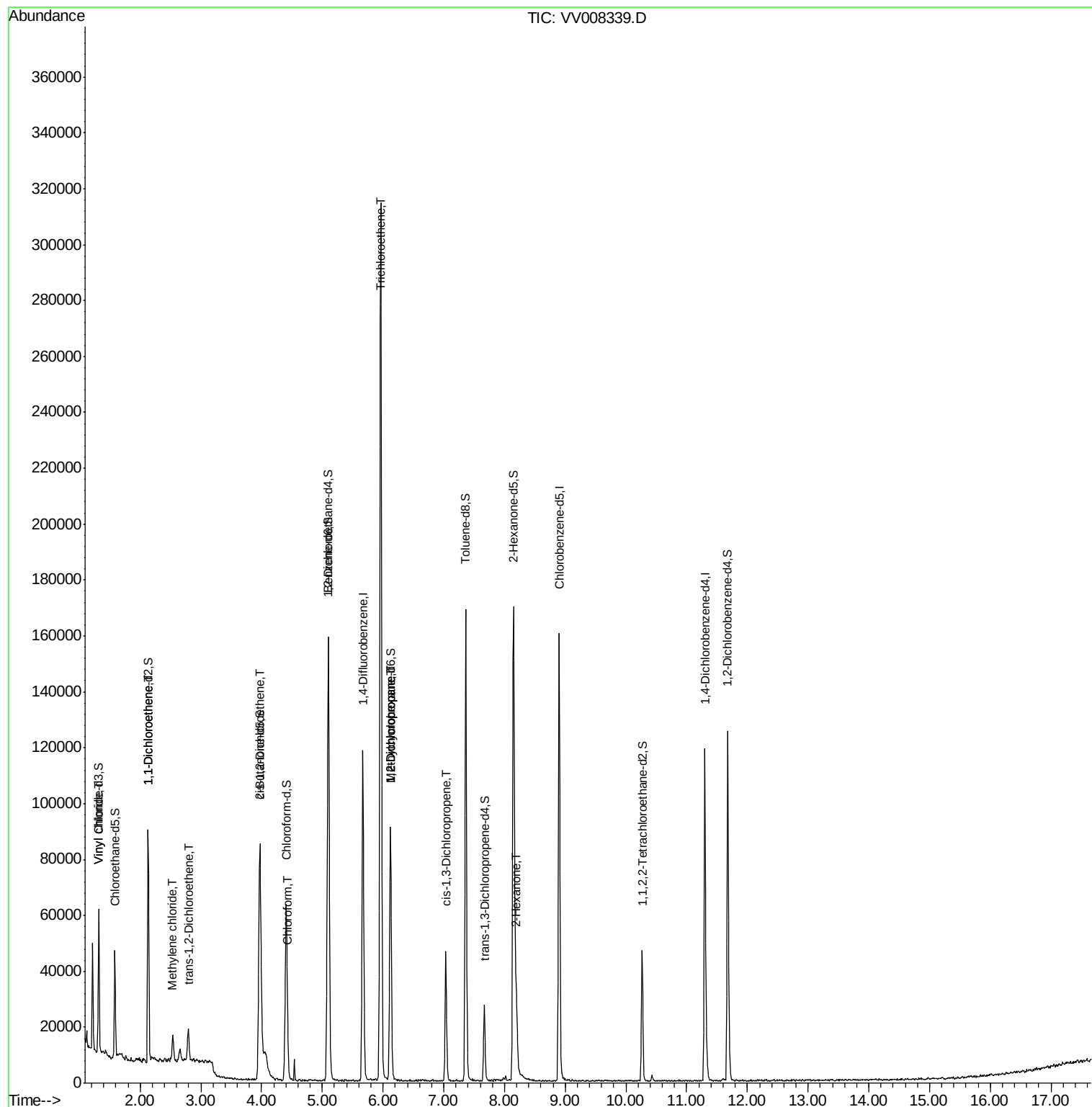
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	626	0.085	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	534	0.112	ug/L #	1
16) Methylene chloride	2.54	84	3794	0.689	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	4052	0.792	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	19367	2.344	ug/L #	100
25) Chloroform	4.43	83	1488	0.115	ug/L	93
34) Trichloroethene	5.96	95	107569	13.131	ug/L	97
35) Methylcyclohexane	6.12	83	9933	0.719	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	4758	0.596	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1114	0.098	ug/L #	70
48) 2-Hexanone	8.20	43	19770	5.537	ug/L #	90

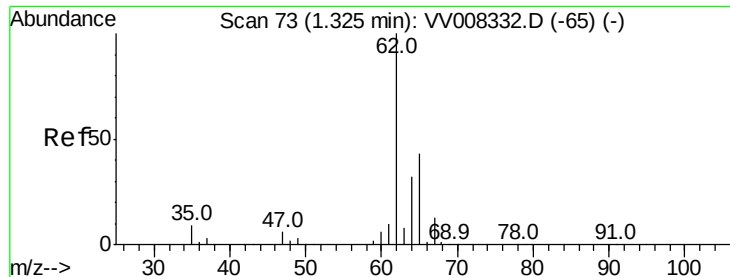
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.085 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008339.D

Acq: 18 Oct 2018 13:11

Instrument :

MSVOA_V

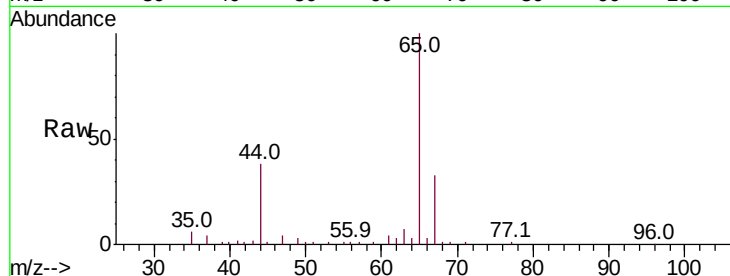
ClientSampleId :

Tot Ion: 62 Resp: 626

Ion Ratio Lower Upper

62 100

64 89.2 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

800

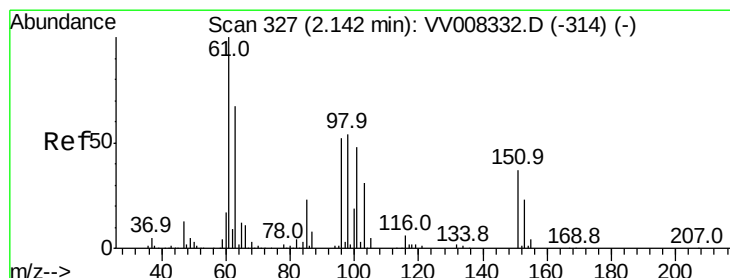
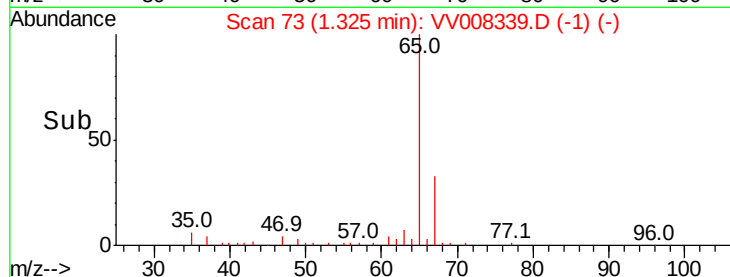
600

400

200

0

Time--> 1.30 1.32 1.34



#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008339.D

Acq: 18 Oct 2018 13:11

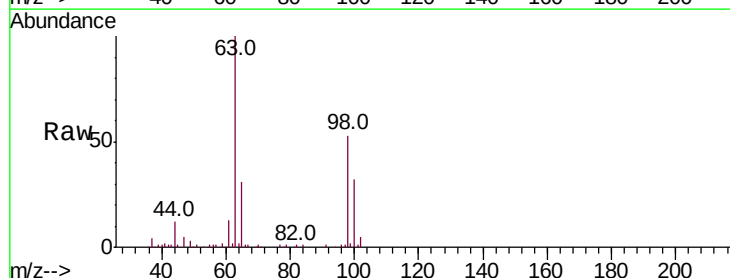
Tgt Ion: 96 Resp: 534

Ion Ratio Lower Upper

96 100

61 1168.2 129.9 241.3#

63 9107.5 103.0 191.4#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

40000

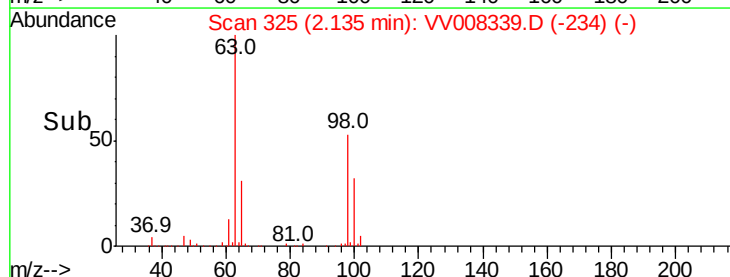
30000

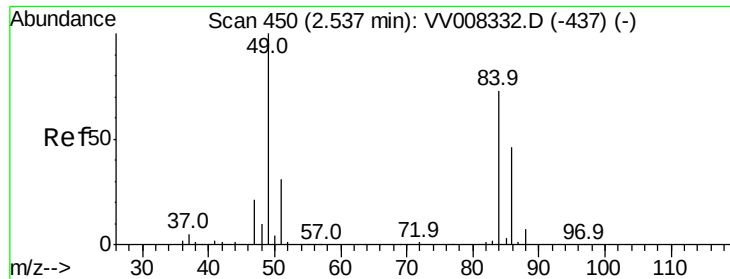
20000

10000

0

Time--> 2.10 2.12 2.14 2.16

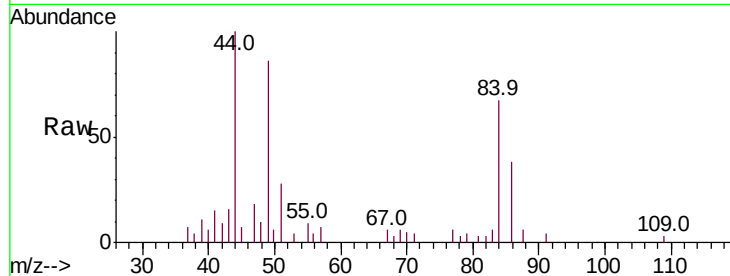




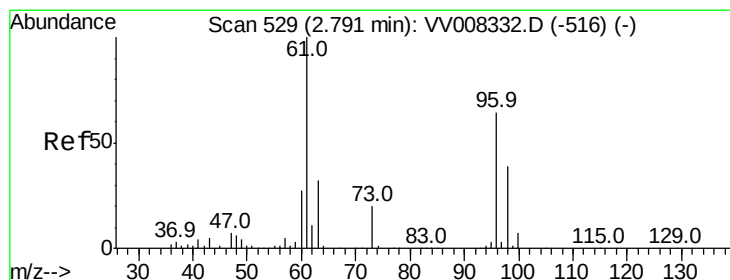
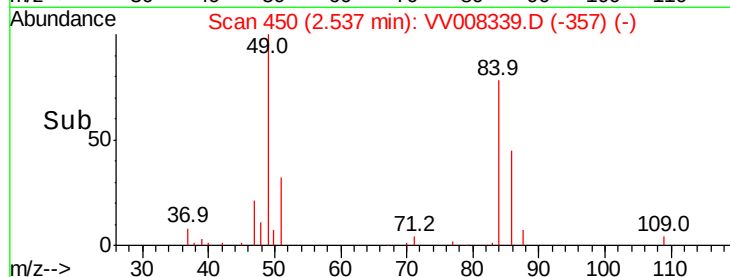
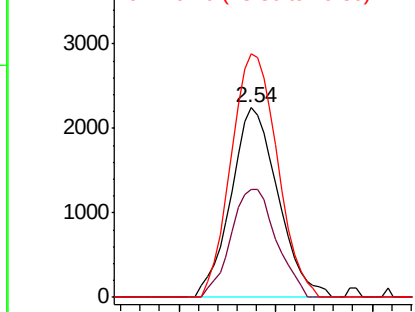
#16
Methylene chloride
Concen: 0.689 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008339.D
Acq: 18 Oct 2018 13:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 3794
Ion Ratio Lower Upper
84 100
86 57.3 45.0 83.6
49 128.5 92.9 172.5

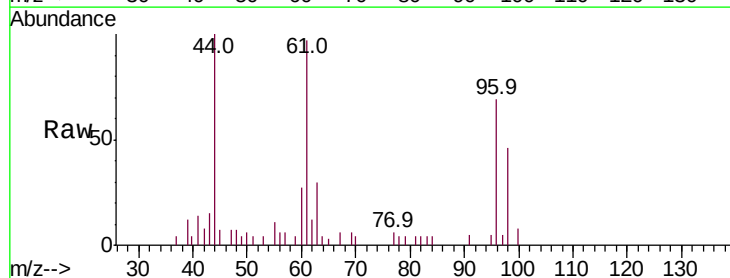


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

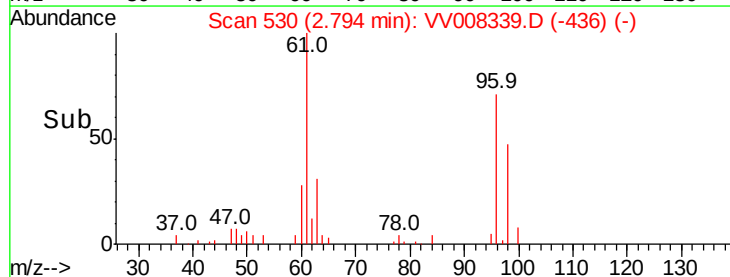
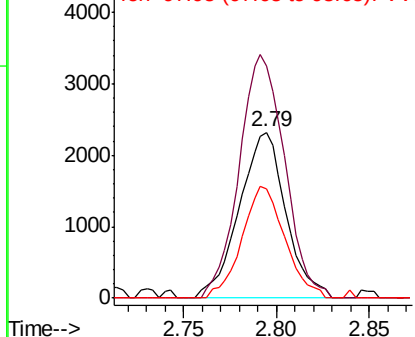


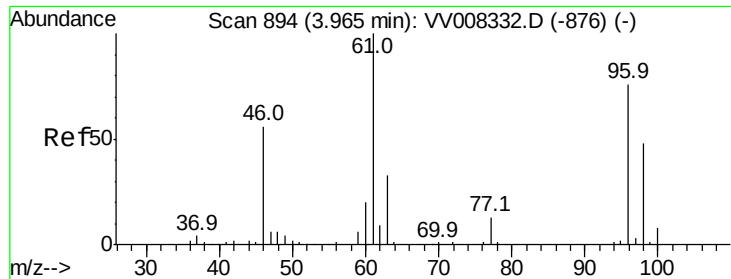
#18
trans-1,2-Dichloroethene
Concen: 0.792 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008339.D
Acq: 18 Oct 2018 13:11

Tgt Ion: 96 Resp: 4052
Ion Ratio Lower Upper
96 100
61 139.9 104.6 194.2
98 65.7 44.1 81.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0



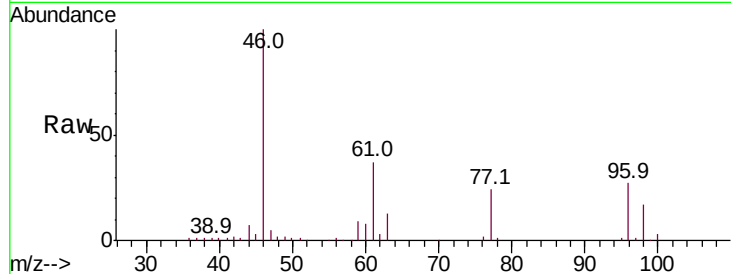


#22

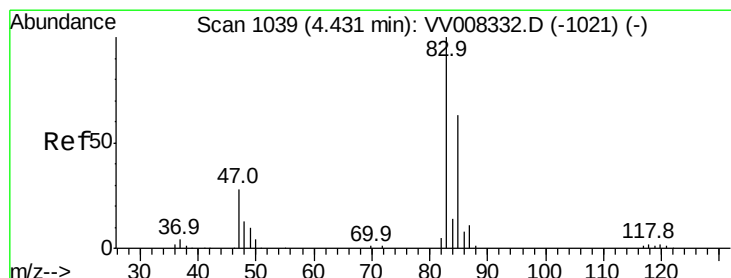
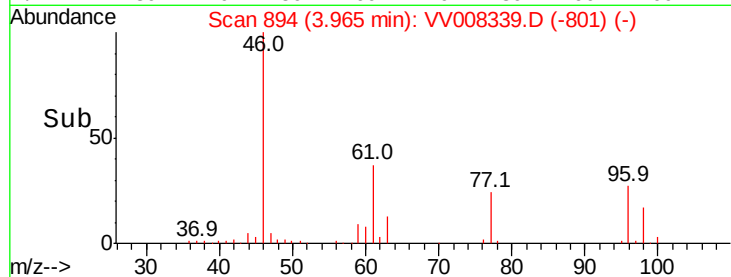
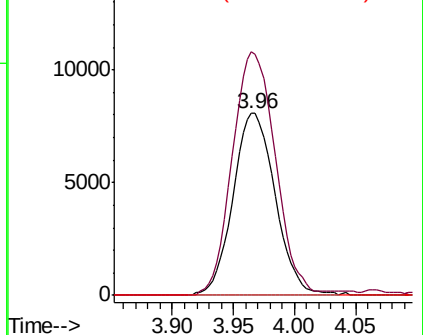
cis-1,2-Dichloroethene
Concen: 2.344 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008339.D
Acq: 18 Oct 2018 13:11

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 19367
Ion Ratio Lower Upper
96 100
61 133.7 93.7 174.1
68 0.0 0.6 1.2#



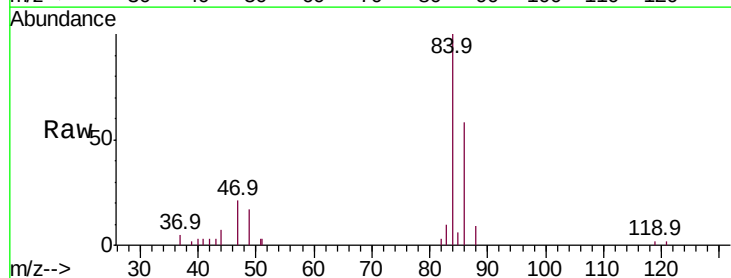
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



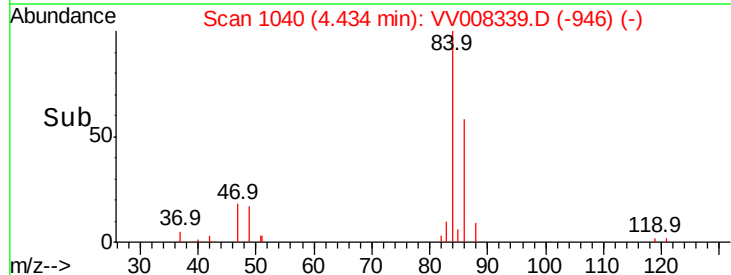
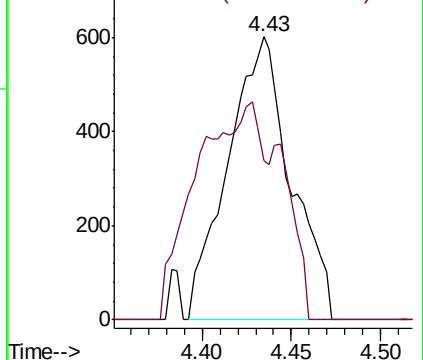
#25

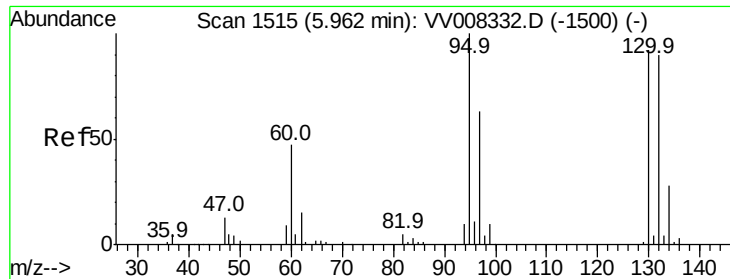
Chloroform
Concen: 0.115 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008339.D
Acq: 18 Oct 2018 13:11

Tgt Ion: 83 Resp: 1488
Ion Ratio Lower Upper
83 100
85 56.3 43.4 80.6



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





#34

Trichloroethene

Concen: 13.131 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008339.D

Acq: 18 Oct 2018 13:11

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 95 Resp: 107569

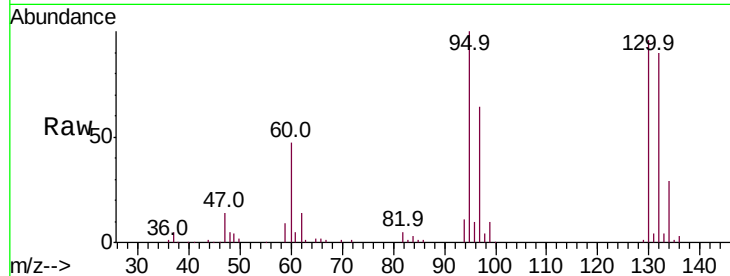
Ion Ratio Lower Upper

95 100

97 63.8 44.4 82.4

132 90.4 60.4 112.2

130 95.6 65.5 121.7

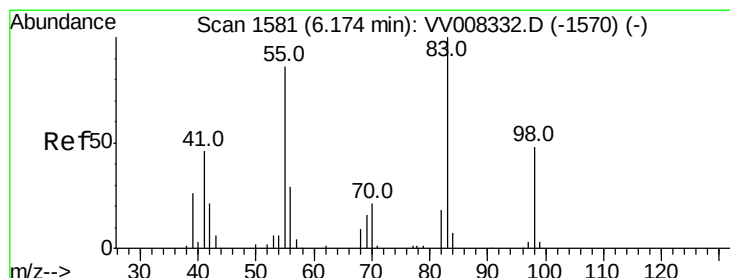
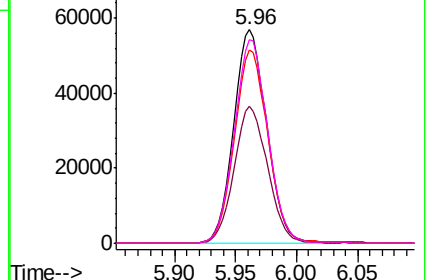
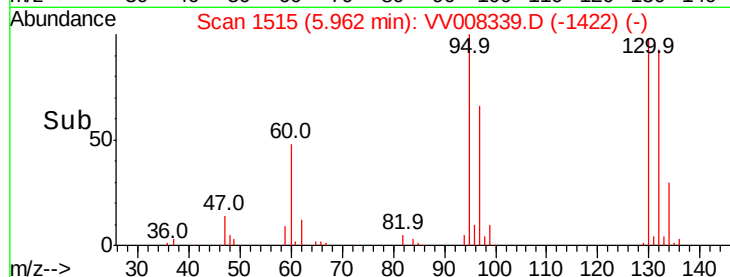


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.719 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008339.D

Acq: 18 Oct 2018 13:11

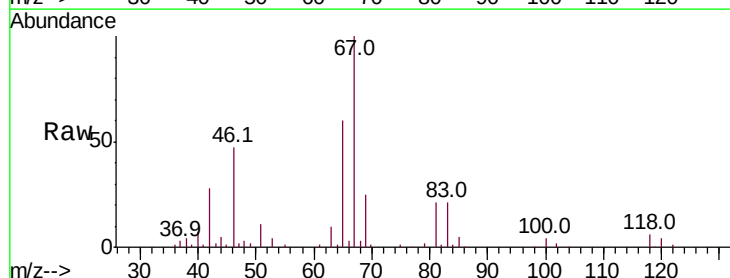
Tgt Ion: 83 Resp: 9933

Ion Ratio Lower Upper

83 100

55 1.1 64.0 96.0#

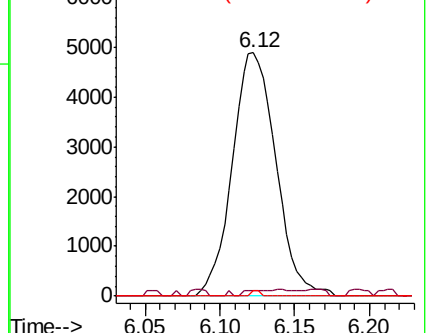
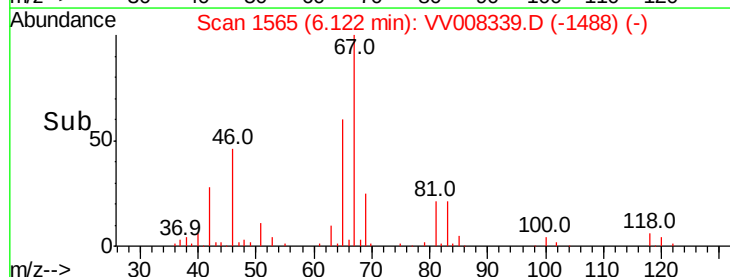
98 0.0 37.0 55.4#

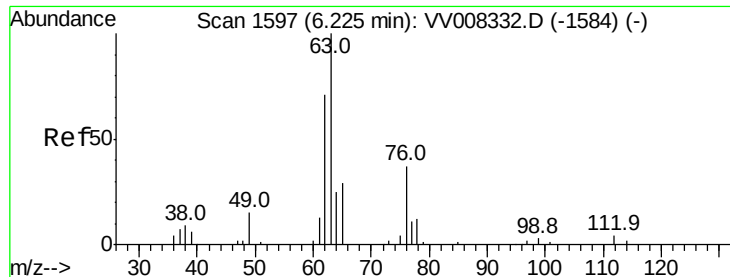


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

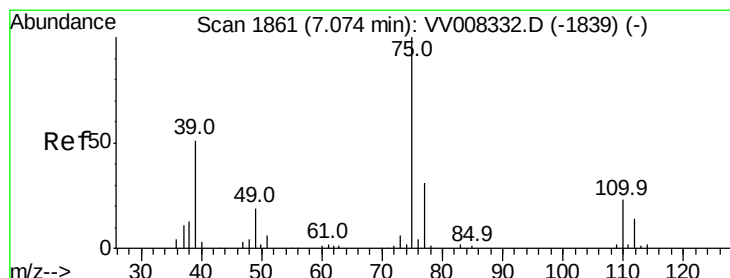
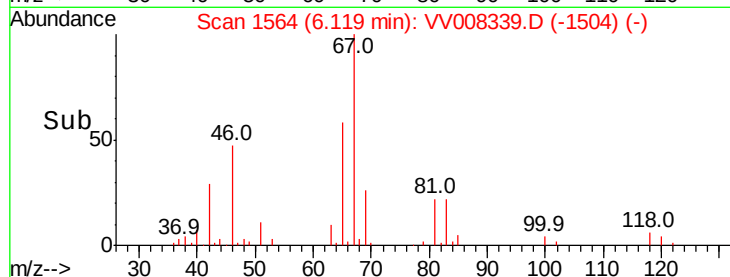
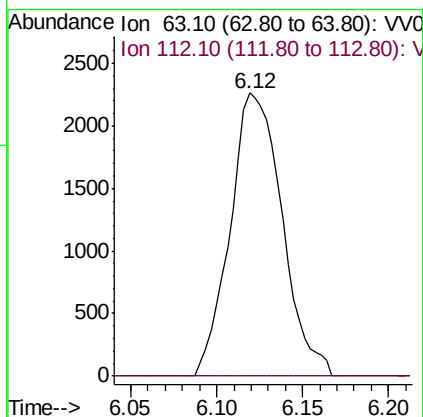
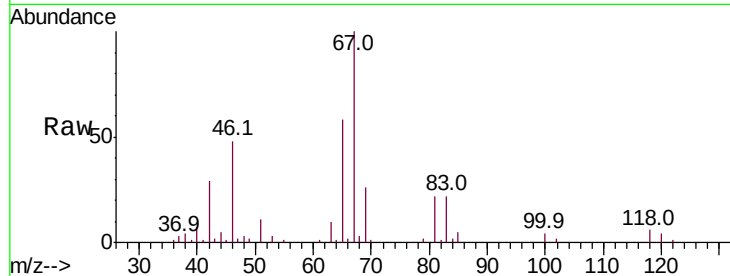




#37
 1,2-Dichloropropane
 Concen: 0.596 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008339.D
 Acq: 18 Oct 2018 13:11

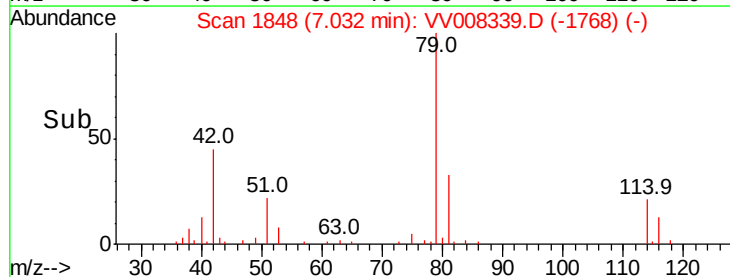
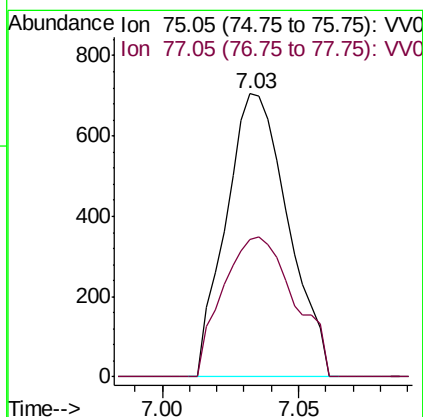
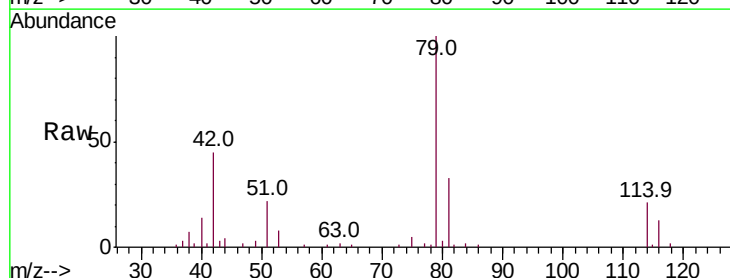
Instrument :
 MSVOA_V
 ClientSampled :

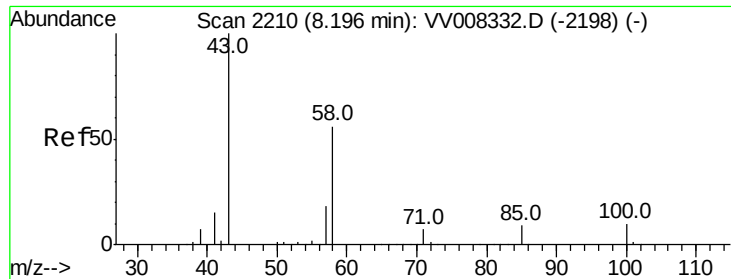
Tot Ion: 63 Resp: 4758
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008339.D
 Acq: 18 Oct 2018 13:11

Tgt Ion: 75 Resp: 1114
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.3 41.3#





#48

2-Hexanone

Concen: 5.537 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV008339.D

Acq: 18 Oct 2018 13:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 19770

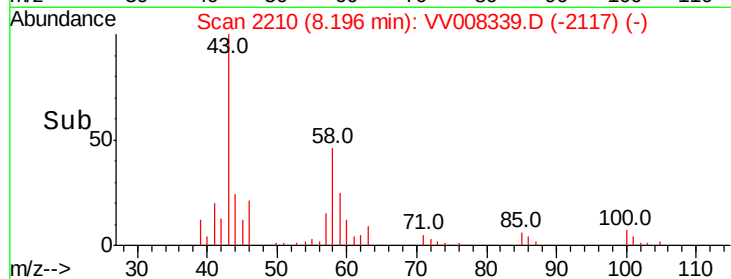
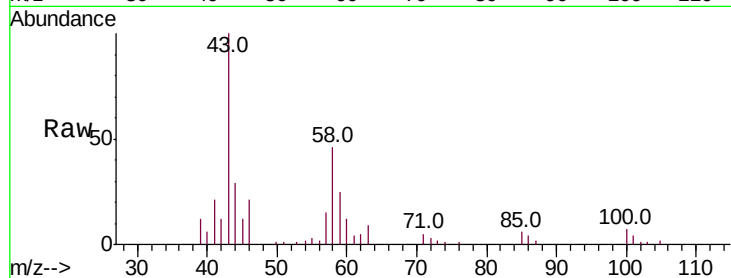
Ion Ratio Lower Upper

43 100

58 47.6 45.0 67.4

57 16.1 14.4 21.6

100 6.7 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

