

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008351.D
 Acq On : 18 Oct 2018 19:20
 Operator : SY/MD
 Sample : J5464-02DL 100X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:29:23 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	111229	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39793	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26955	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.59	69	22403	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	41631	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.98	46	102862	48.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.41	84	60317	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.09	65	32423	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.10	84	130815	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	44261	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	115717	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	15230	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	63448	45.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25592	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	35865	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

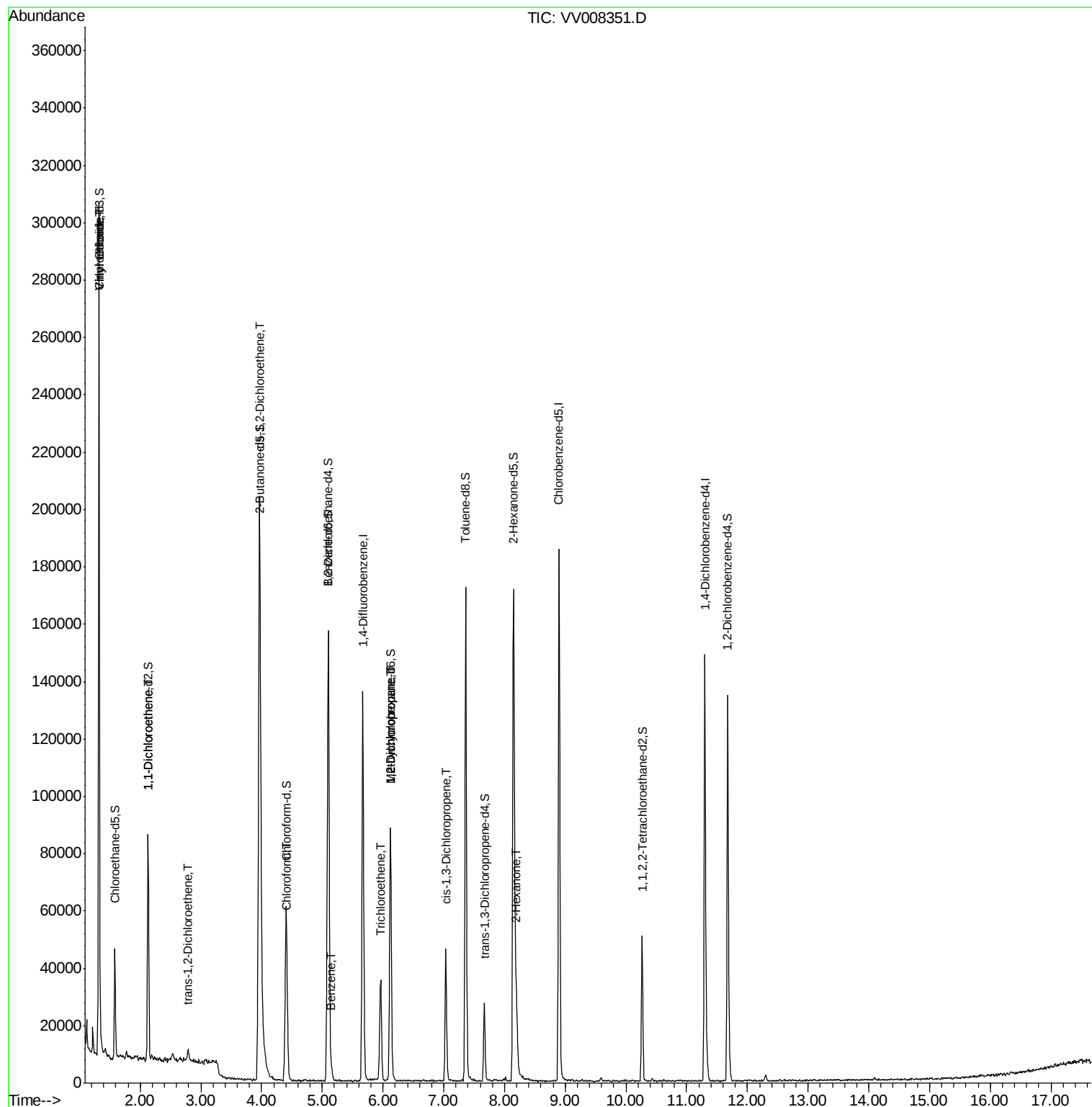
					Ovalue
5) Vinyl chloride	1.32	62	158133	19.107	ug/L 100
8) Chloroethane	1.32	64	51534	11.979	ug/L # 45
12) 1,1-Dichloroethene	2.13	96	820	0.153	ug/L # 1
18) trans-1,2-Dichloroethene	2.79	96	1255	0.218	ug/L 84
22) cis-1,2-Dichloroethene	3.96	96	98748	10.639	ug/L # 100
25) Chloroform	4.43	83	1231	0.085	ug/L 91
33) Benzene	5.15	78	3143	0.094	ug/L 100
34) Trichloroethene	5.96	95	11236	1.215	ug/L 96
35) Methylcyclohexane	6.12	83	9522	0.610	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	4524	0.502	ug/L # 90
39) cis-1,3-Dichloropropene	7.03	75	1122	0.087	ug/L # 50
48) 2-Hexanone	8.20	43	19125	4.744	ug/L # 85

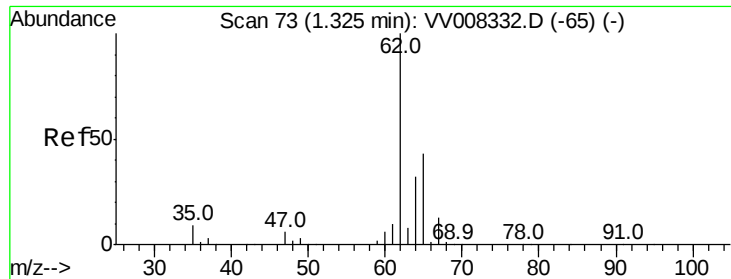
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 19.107 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008351.D

Acq: 18 Oct 2018 19:20

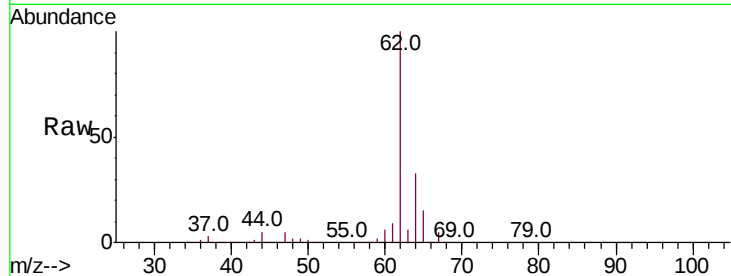
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 158133

Ion Ratio Lower Upper

62 100

64 32.6 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV008332.D (-65) (-)

Ion 64.10 (63.80 to 64.80): VV008332.D (-65) (-)

1.32

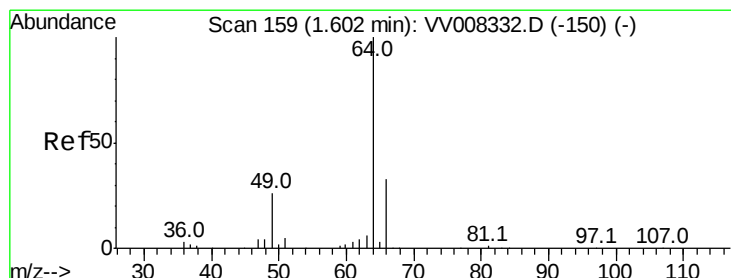
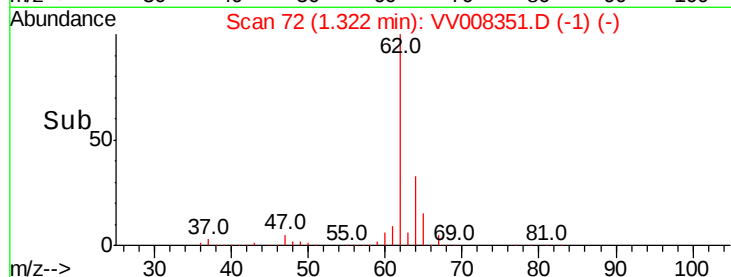
150000

100000

50000

0

Time-->



#8

Chloroethane

Concen: 11.979 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008351.D

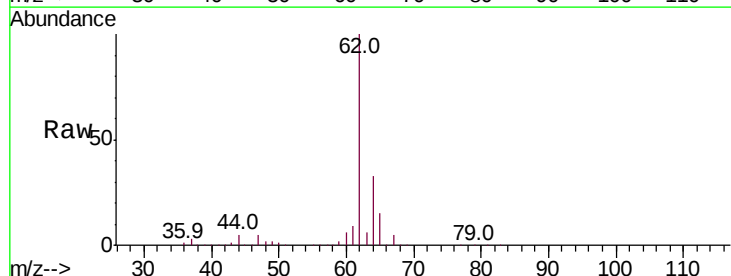
Acq: 18 Oct 2018 19:20

Tgt Ion: 64 Resp: 51534

Ion Ratio Lower Upper

64 100

66 1.3 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV008332.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV008332.D (-150) (-)

1.32

60000

50000

40000

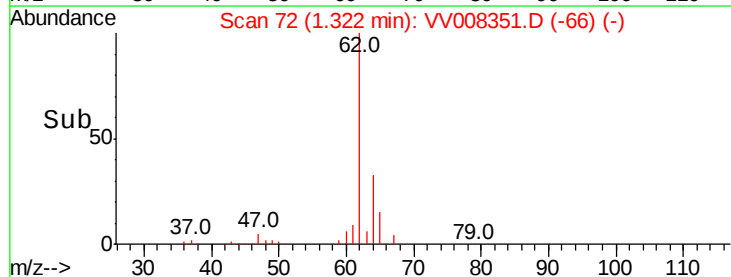
30000

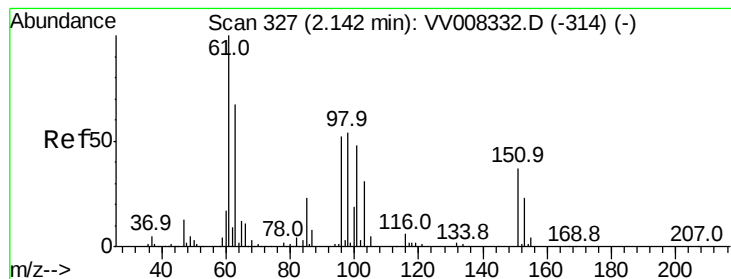
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.153 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

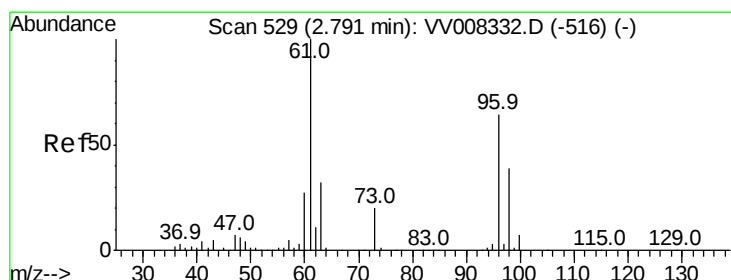
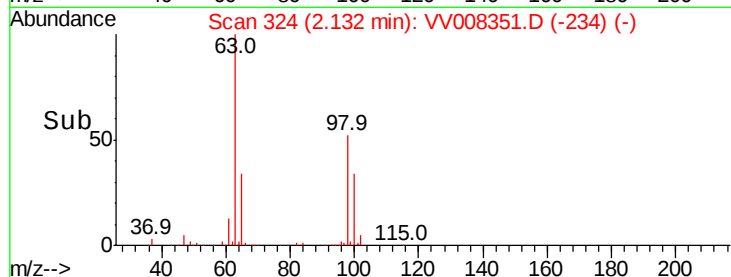
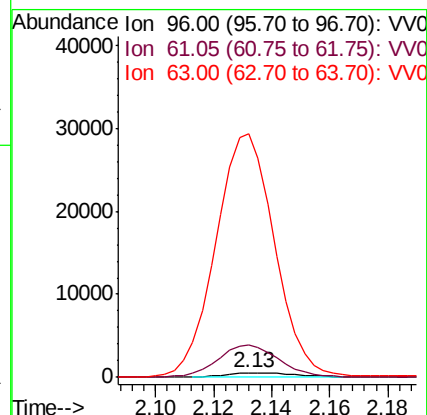
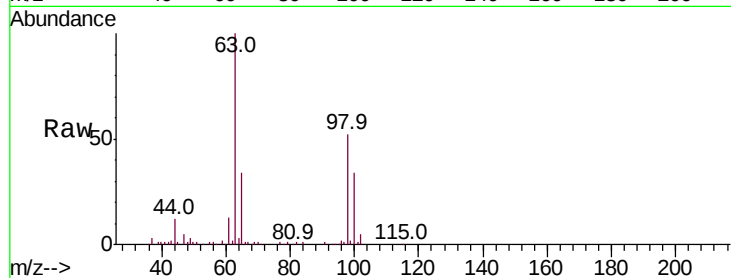
Lab File: VV008351.D

Acq: 18 Oct 2018 19:20

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 820

Ion	Ratio	Lower	Upper
96	100		
61	763.2	129.9	241.3#
63	5685.3	103.0	191.4#



#18

trans-1,2-Dichloroethene

Concen: 0.218 ug/L

RT: 2.79 min Scan# 528

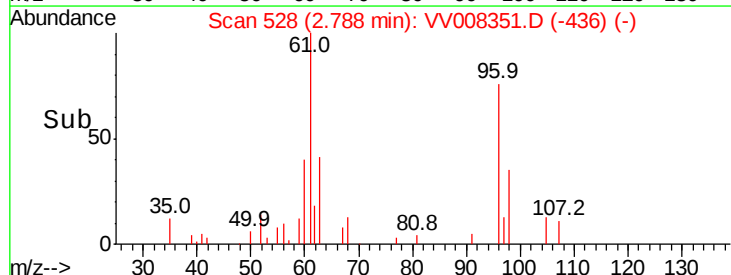
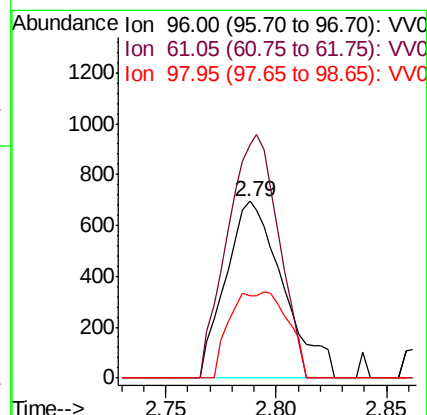
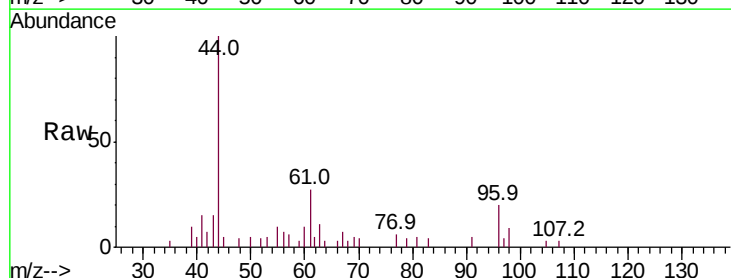
Delta R.T. -0.00 min

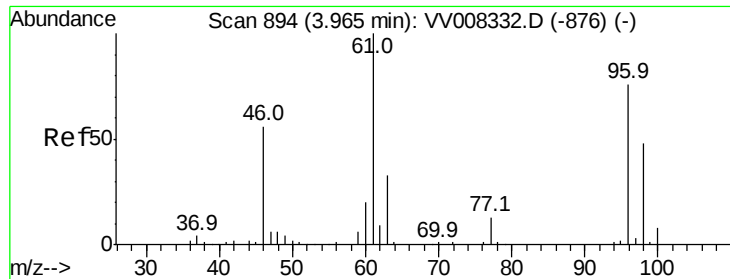
Lab File: VV008351.D

Acq: 18 Oct 2018 19:20

Tgt Ion: 96 Resp: 1255

Ion	Ratio	Lower	Upper
96	100		
61	132.0	104.6	194.2
98	46.7	44.1	81.9



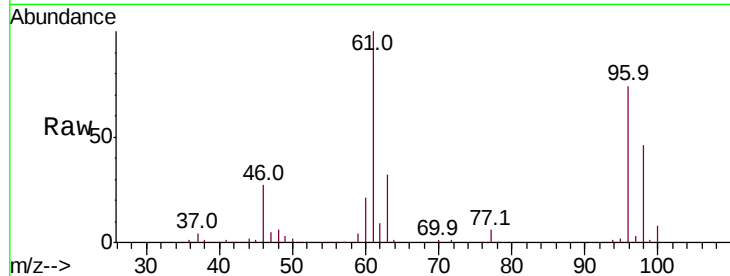


#22

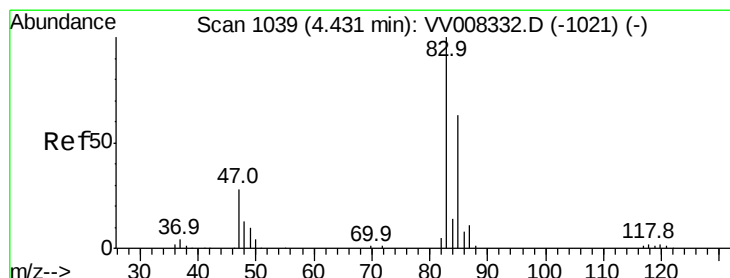
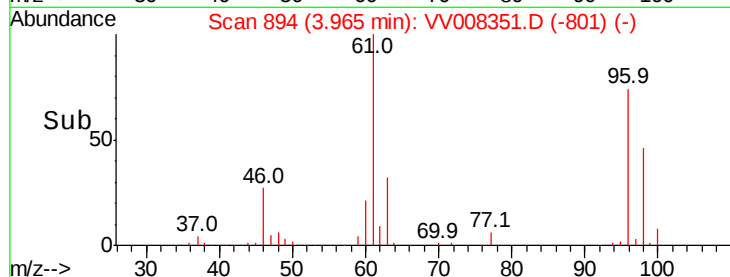
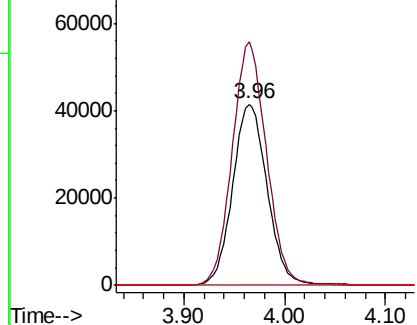
cis-1,2-Dichloroethene
 Concen: 10.639 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008351.D
 Acq: 18 Oct 2018 19:20

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 98748
 Ion Ratio Lower Upper
 96 100
 61 134.3 93.7 174.1
 68 0.0 0.6 1.2#



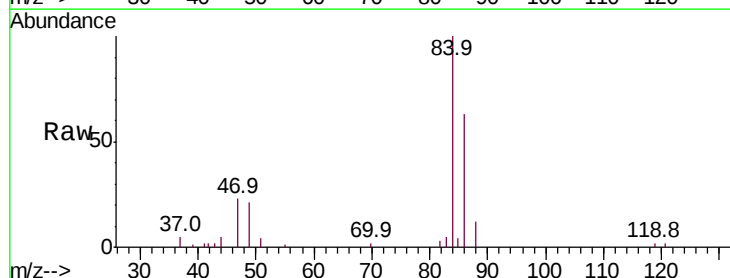
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



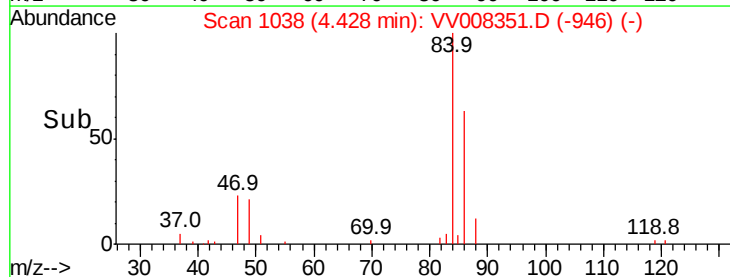
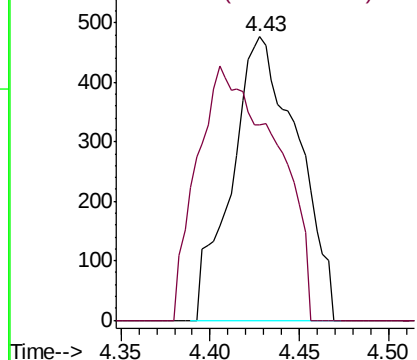
#25

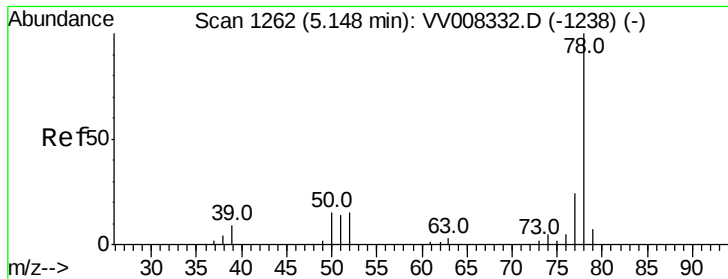
Chloroform
 Concen: 0.085 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VV008351.D
 Acq: 18 Oct 2018 19:20

Tgt Ion: 83 Resp: 1231
 Ion Ratio Lower Upper
 83 100
 85 68.8 43.4 80.6



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

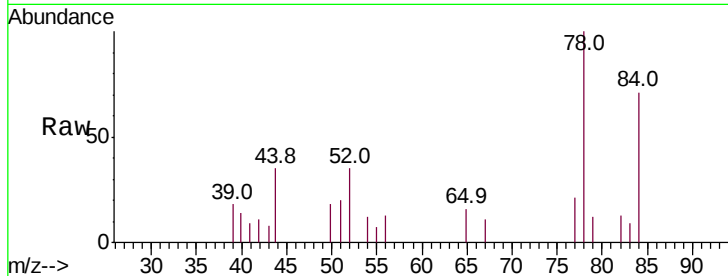




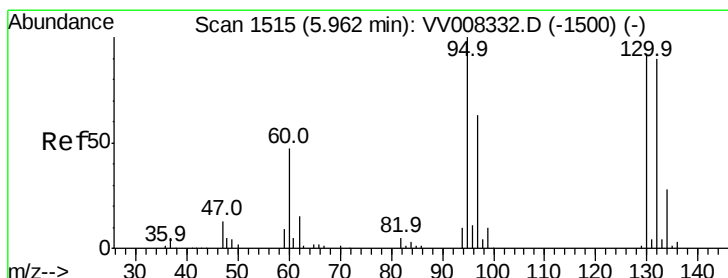
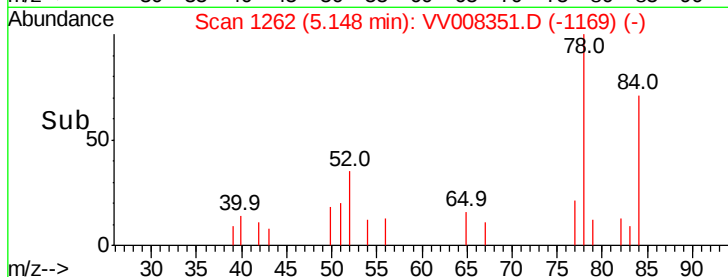
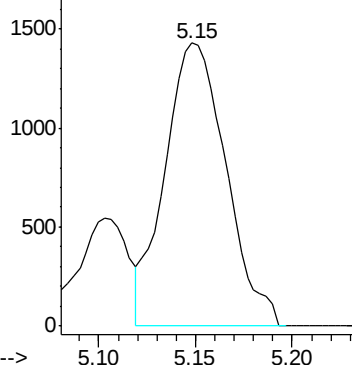
#33
Benzene
Concen: 0.094 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV008351.D
Acq: 18 Oct 2018 19:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 3143



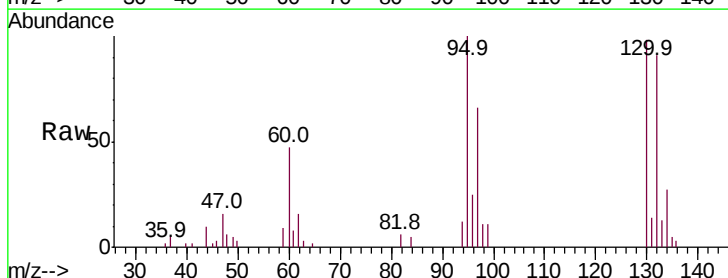
Abundance Ion 78.10 (77.80 to 78.80): VV0



#34
Trichloroethene
Concen: 1.215 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008351.D
Acq: 18 Oct 2018 19:20

Tgt Ion: 95 Resp: 11236

Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.4	82.4
132	91.0	60.4	112.2
130	97.7	65.5	121.7

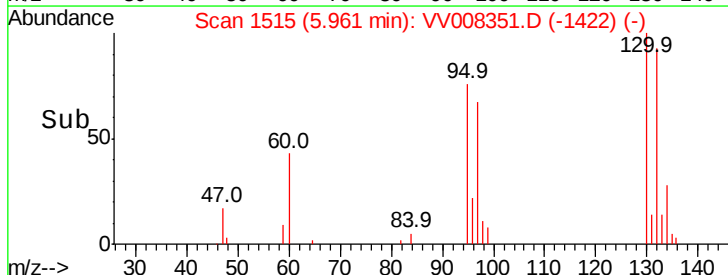
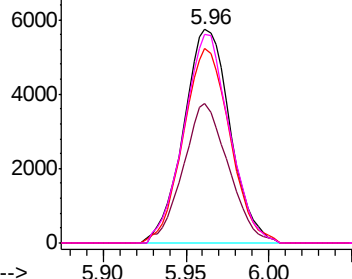


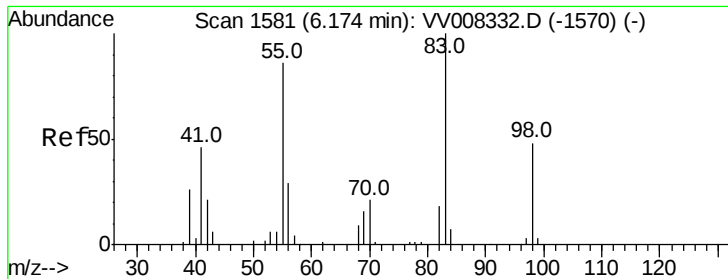
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

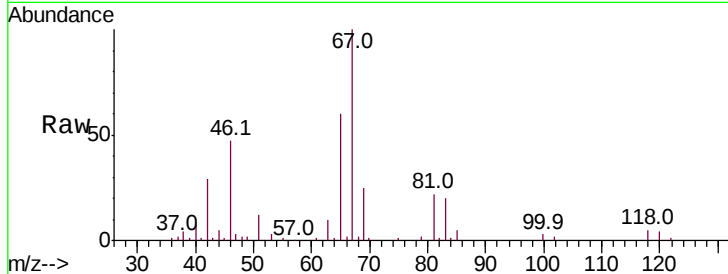




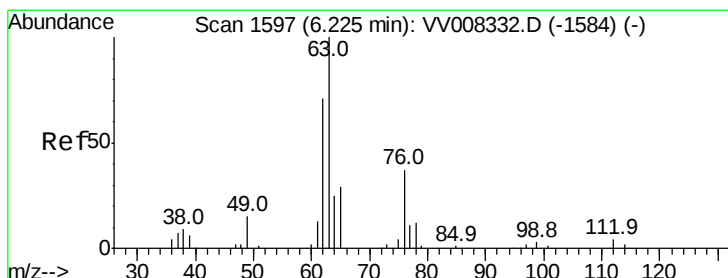
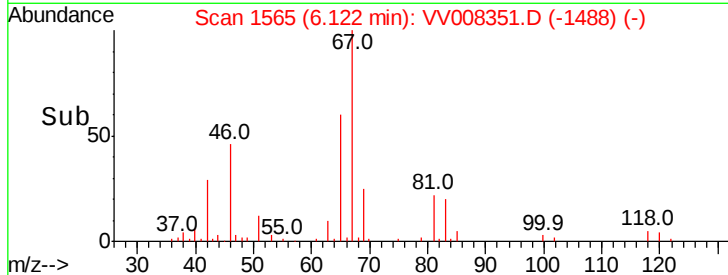
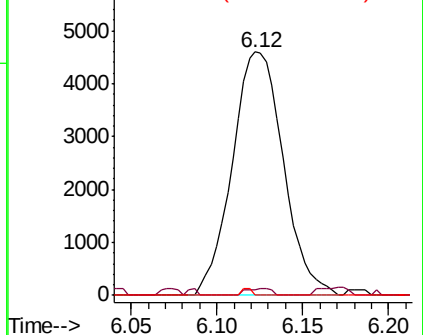
#35
Methvlcvclohexane
Concen: 0.610 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008351.D
Acq: 18 Oct 2018 19:20

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 9522
Ion Ratio Lower Upper
83 100
55 1.4 64.0 96.0#
98 0.0 37.0 55.4#

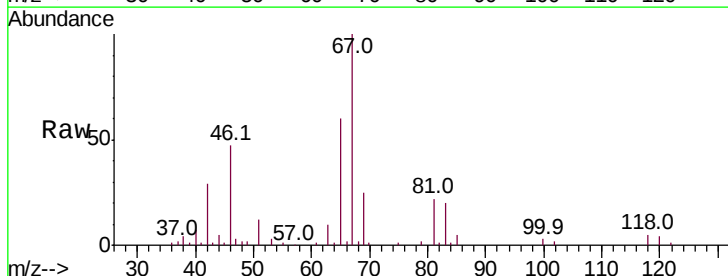


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

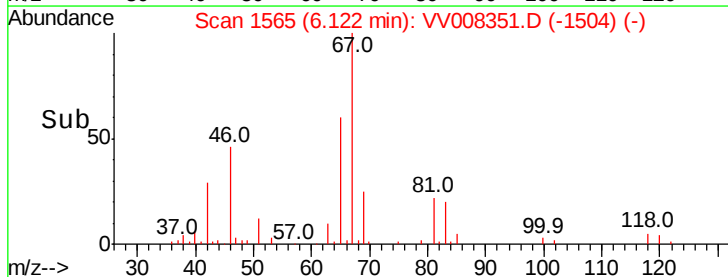
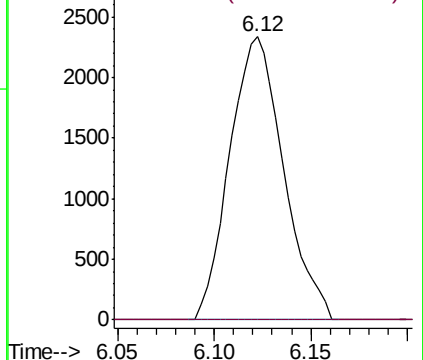


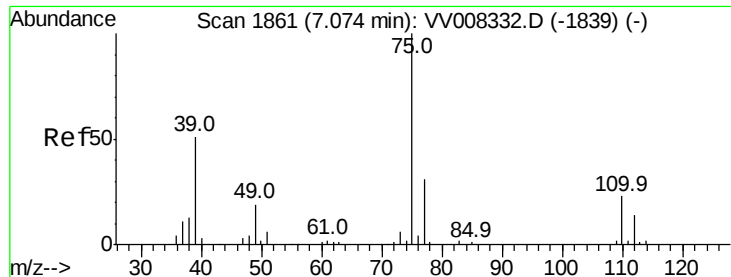
#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008351.D
Acq: 18 Oct 2018 19:20

Tgt Ion: 63 Resp: 4524
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

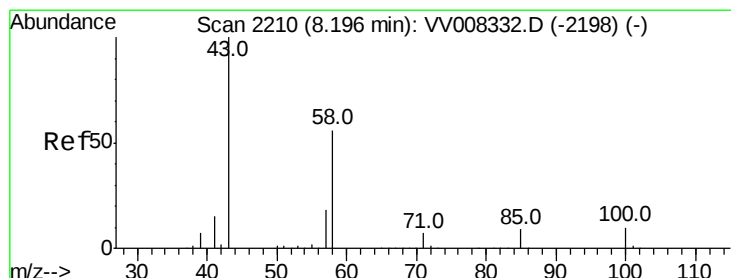
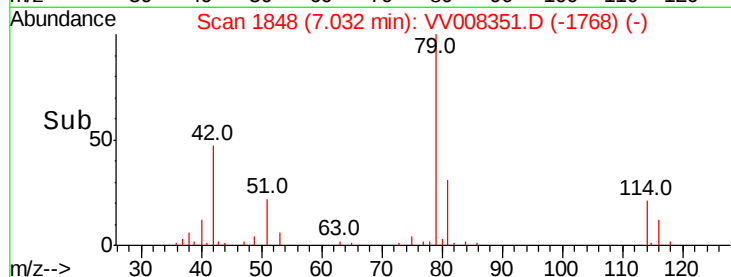
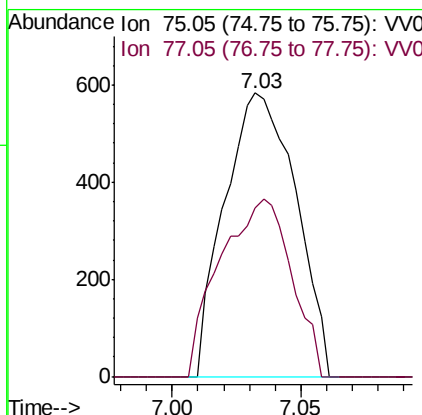
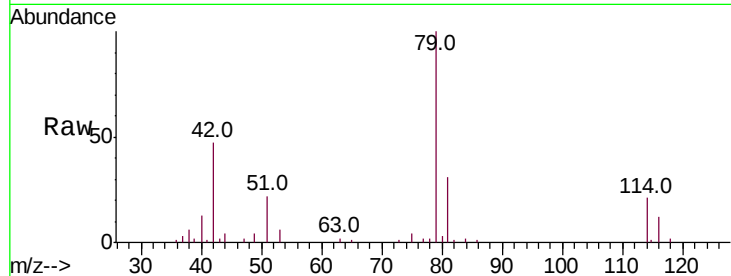




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008351.D
 Acq: 18 Oct 2018 19:20

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1122
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.744 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV008351.D
 Acq: 18 Oct 2018 19:20

Tgt Ion: 43 Resp: 19125
 Ion Ratio Lower Upper
 43 100
 58 44.4 45.0 67.4#
 57 12.2 14.4 21.6#
 100 6.4 7.9 11.9#

