

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008341.D
 Acq On : 18 Oct 2018 14:06
 Operator : SY/MD
 Sample : J5463-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:28:03 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	123437	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27196	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	18991	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.00%
11) 1,1-Dichloroethene-d2	2.13	63	40636	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.96	46	98634	42.16	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.32%
24) Chloroform-d	4.41	84	59251	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.09	65	31009	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
32) Benzene-d6	5.10	84	126324	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.12	67	43310	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.36	98	112162	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.67	79	14305	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.14	63	58897	38.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26315	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	35203	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

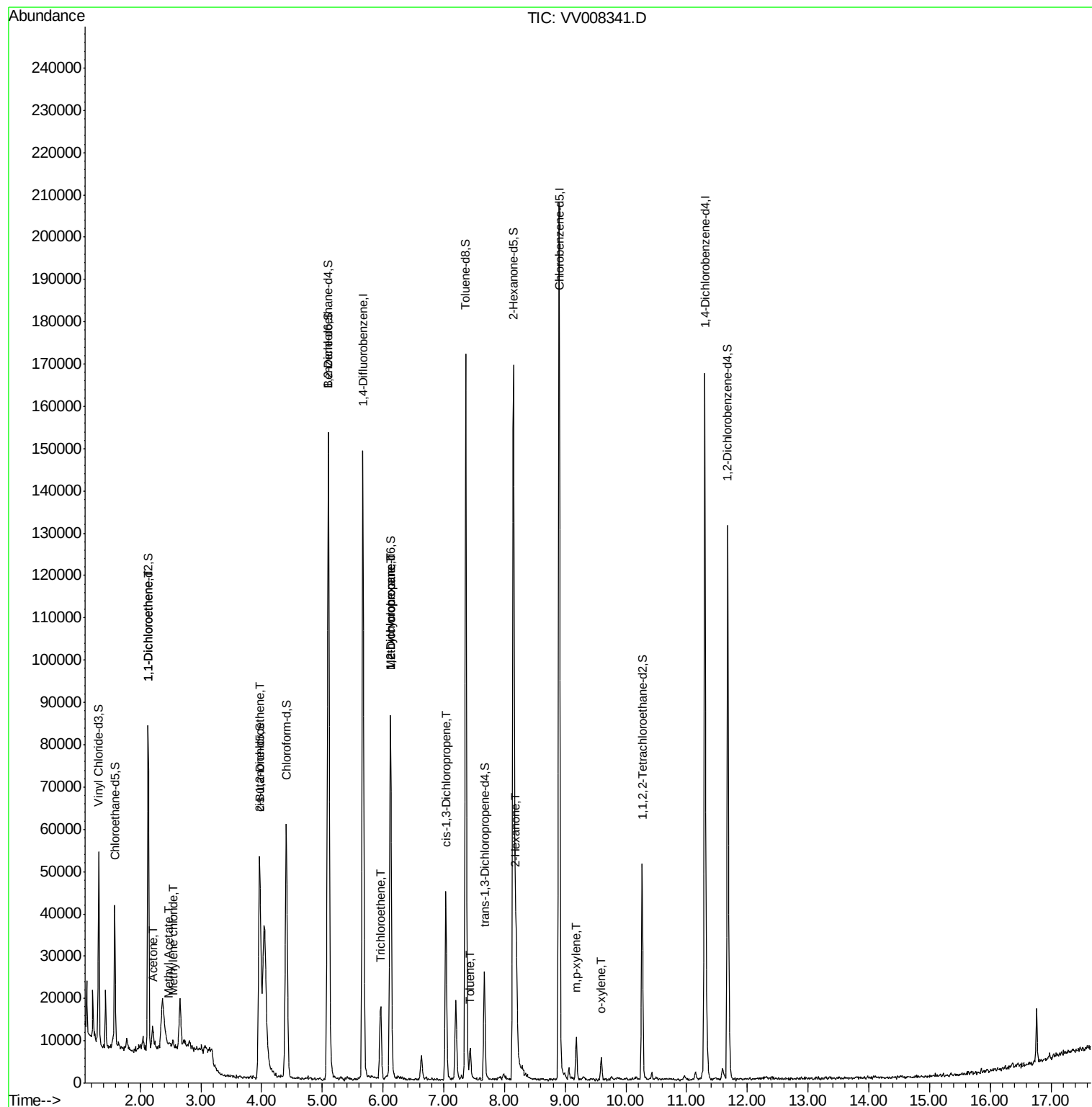
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	617	0.104	ug/L #	1
13) Acetone	2.21	43	5841	4.614	ug/L	96
15) Methyl Acetate	2.47	43	456	0.145	ug/L #	50
16) Methylene chloride	2.54	84	768	0.112	ug/L #	56
22) cis-1,2-Dichloroethene	3.97	96	885	0.086	ug/L #	87
34) Trichloroethene	5.96	95	4701	0.457	ug/L	91
35) Methylcyclohexane	6.12	83	9791	0.565	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	4374	0.437	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1134	0.079	ug/L #	75
42) Toluene	7.43	91	4737	0.123	ug/L	100
48) 2-Hexanone	8.19	43	20453	4.566	ug/L #	90
53) m,p-xylene	9.19	106	2434	0.158	ug/L	88
54) o-xylene	9.59	106	1415	0.092	ug/L	80

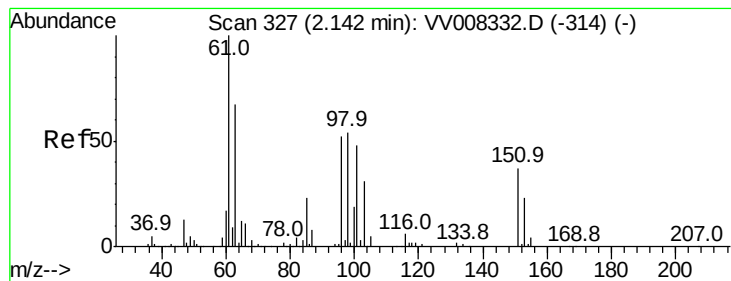
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101818\
Data File : VV008341.D
Acq On : 18 Oct 2018 14:06
Operator : SY/MD
Sample : J5463-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 05:28:03 2018
Quant Method : Z:\V0ASRV\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





#12

1,1-Dichloroethene

Concen: 0.104 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008341.D

Acq: 18 Oct 2018 14:06

Instrument :
MSVOA_V
ClientSampled :

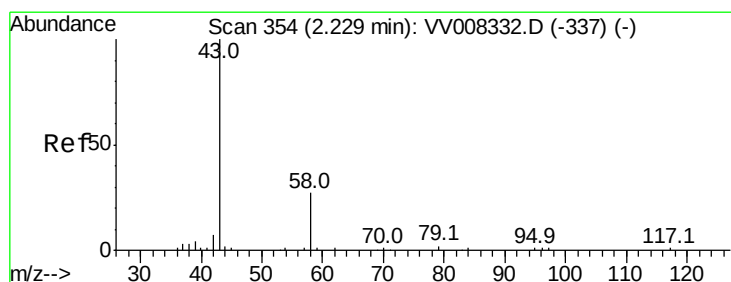
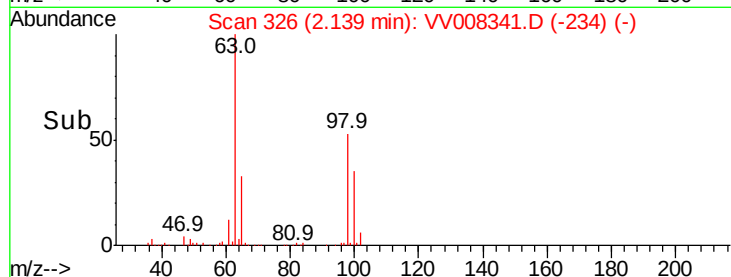
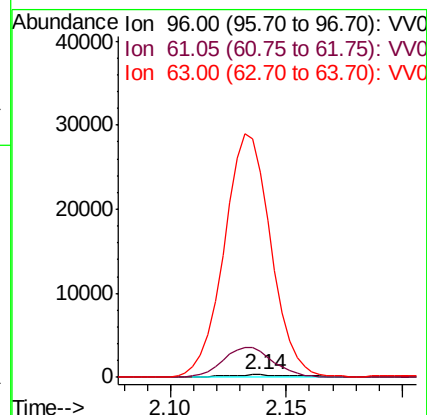
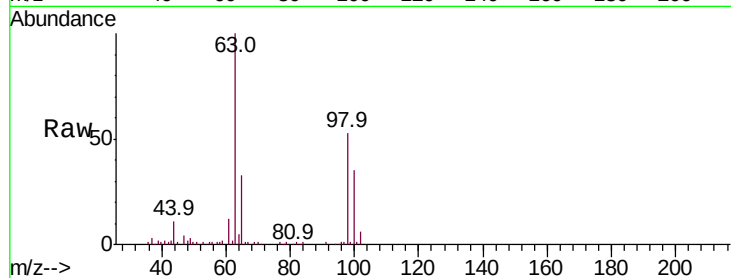
Tot Ion: 96 Resp: 617

Ion Ratio Lower Upper

96 100

61 1039.0 129.9 241.3#

63 8367.1 103.0 191.4#



#13

Acetone

Concen: 4.614 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV008341.D

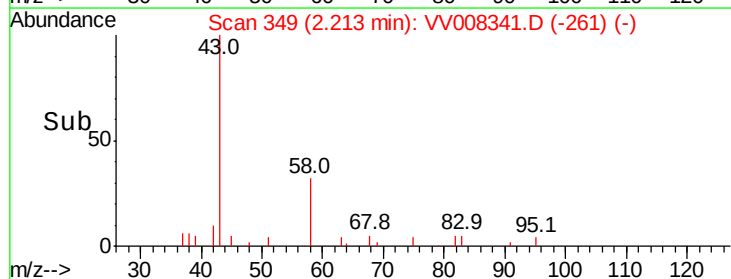
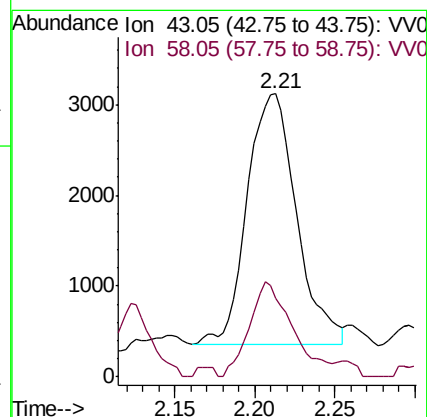
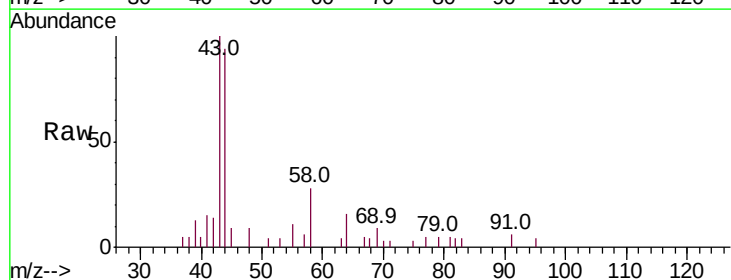
Acq: 18 Oct 2018 14:06

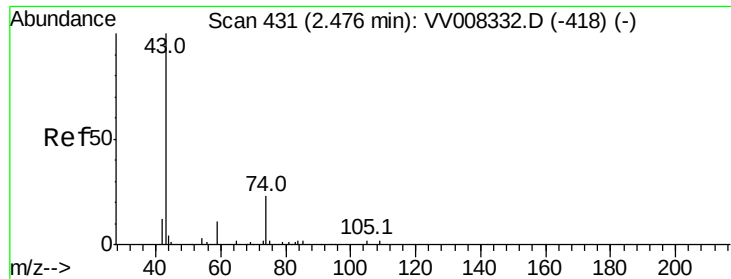
Tgt Ion: 43 Resp: 5841

Ion Ratio Lower Upper

43 100

58 33.3 0.0 62.0

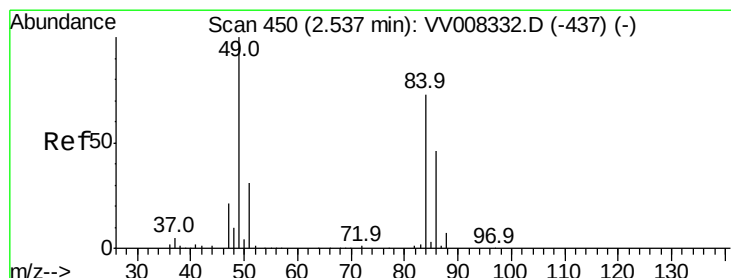
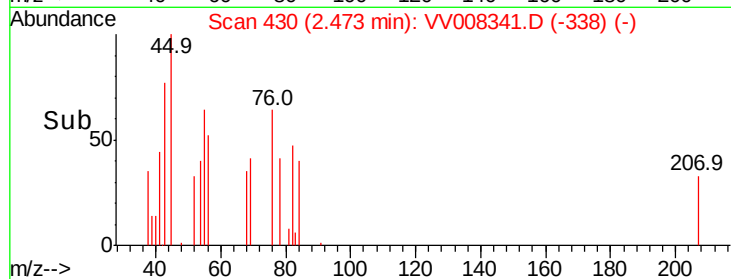
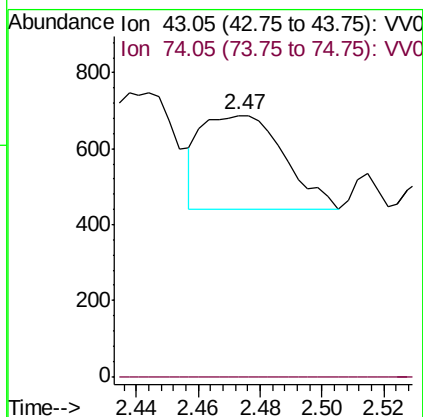
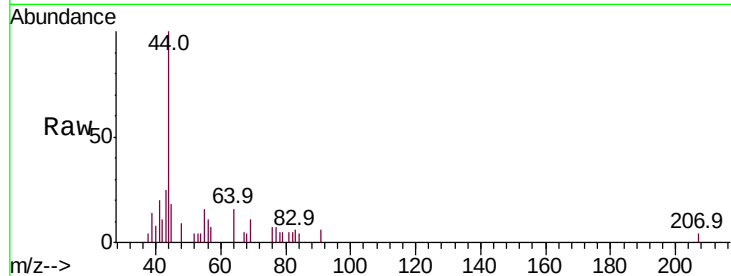




#15
Methyl Acetate
Concen: 0.145 ug/L
RT: 2.47 min Scan# 430
Delta R.T. -0.00 min
Lab File: VV008341.D
Acq: 18 Oct 2018 14:06

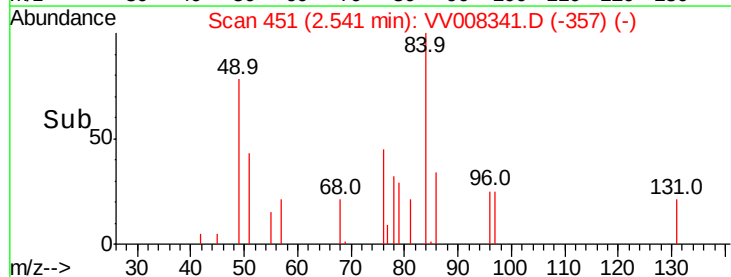
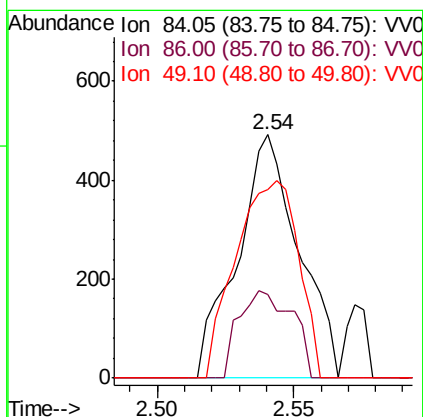
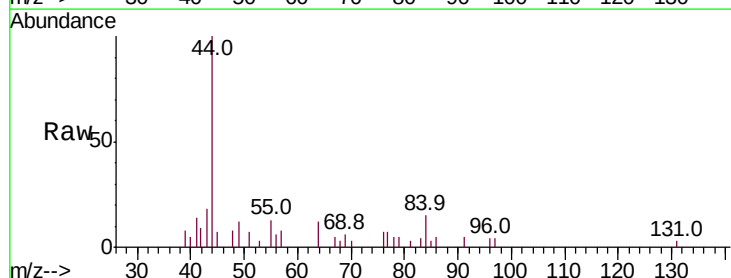
Instrument :
MSVOA_V
ClientSampleId :

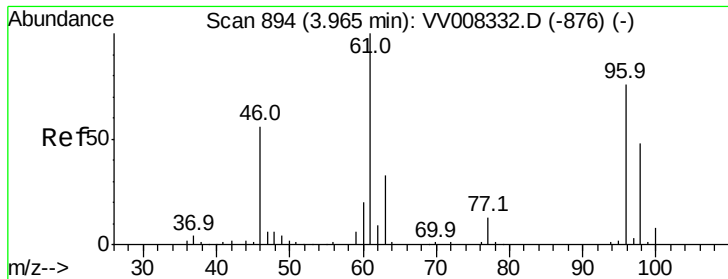
Tot Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#16
Methylene chloride
Concen: 0.112 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008341.D
Acq: 18 Oct 2018 14:06

Tgt Ion: 84 Resp: 768
Ion Ratio Lower Upper
84 100
86 34.1 45.0 83.6#
49 77.6 92.9 172.5#



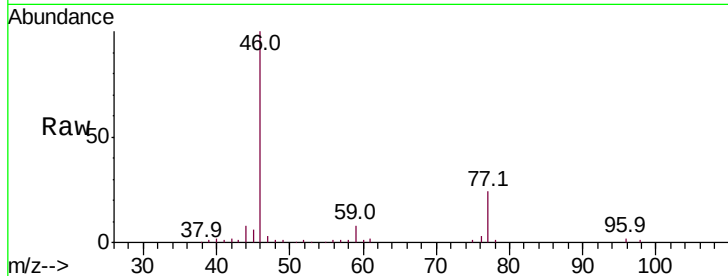


#22

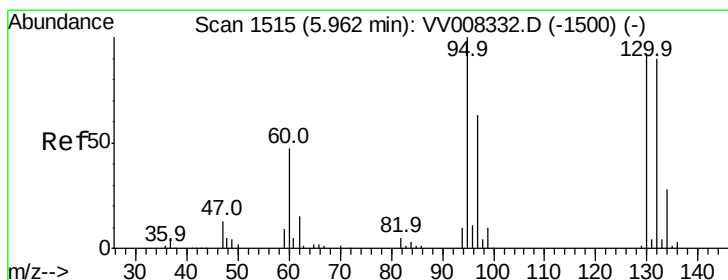
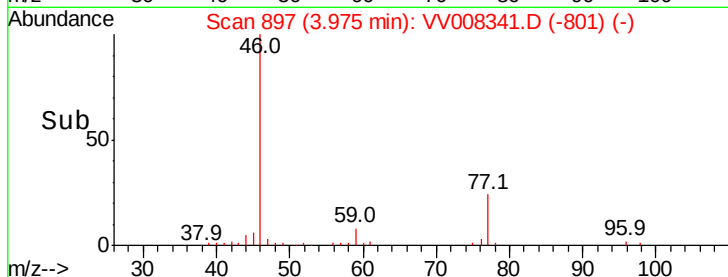
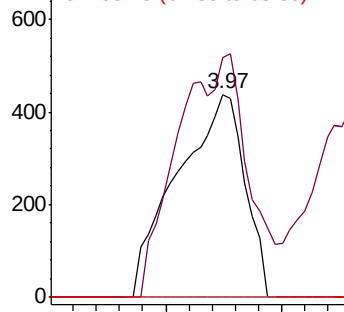
cis-1,2-Dichloroethene
Concen: 0.086 ug/L
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VV008341.D
Acq: 18 Oct 2018 14:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 885
Ion Ratio Lower Upper
96 100
61 118.5 93.7 174.1
68 0.0 0.6 1.2#



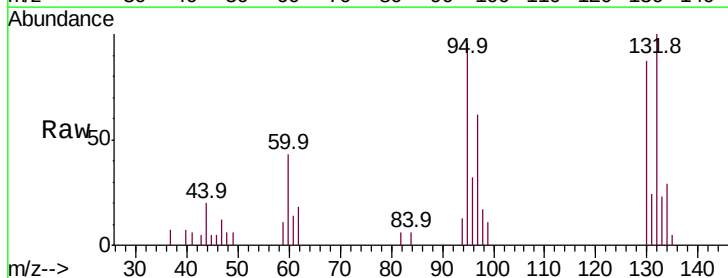
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



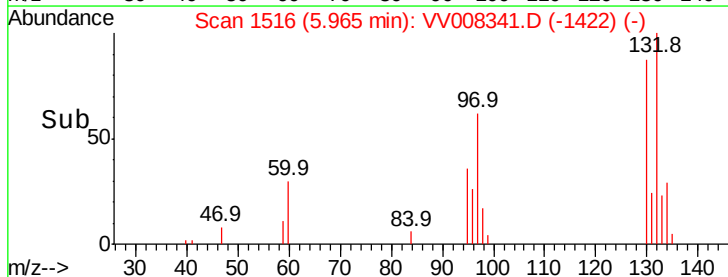
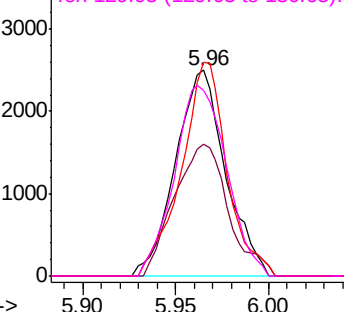
#34

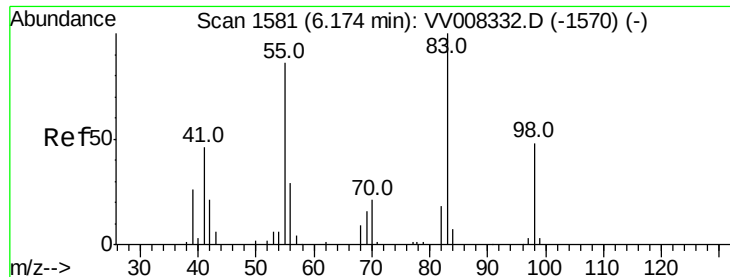
Trichloroethene
Concen: 0.457 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008341.D
Acq: 18 Oct 2018 14:06

Tgt Ion: 95 Resp: 4701
Ion Ratio Lower Upper
95 100
97 64.4 44.4 82.4
132 103.8 60.4 112.2
130 90.0 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: 0.565 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008341.D

Acq: 18 Oct 2018 14:06

Instrument :

MSVOA_V

ClientSampleId :

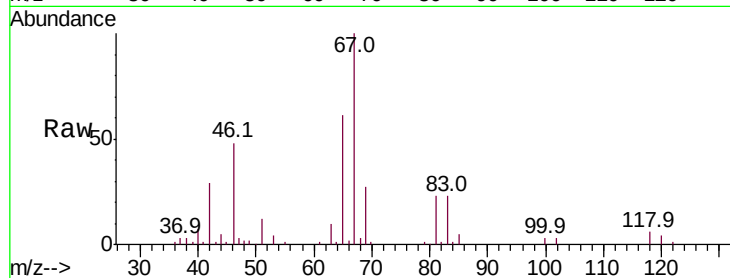
Tot Ion: 83 Resp: 9791

Ion Ratio Lower Upper

83 100

55 1.6 64.0 96.0#

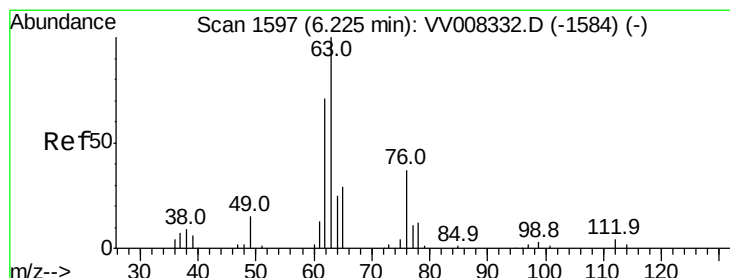
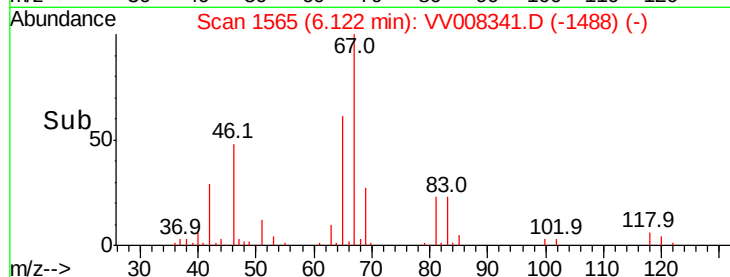
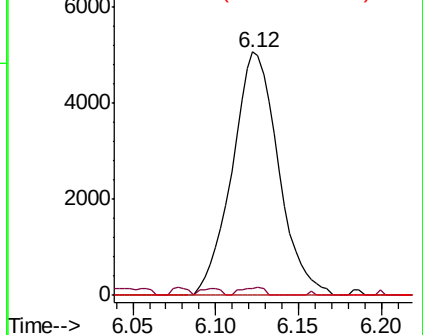
98 0.0 37.0 55.4#



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: 0.437 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008341.D

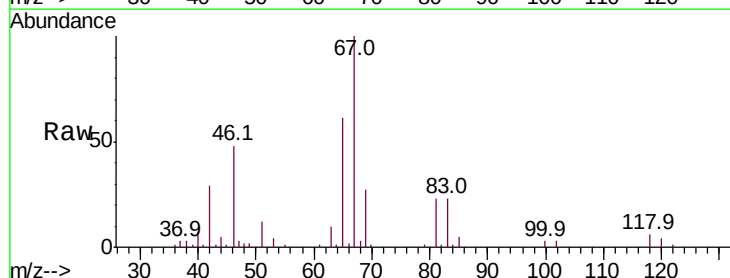
Acq: 18 Oct 2018 14:06

Tgt Ion: 63 Resp: 4374

Ion Ratio Lower Upper

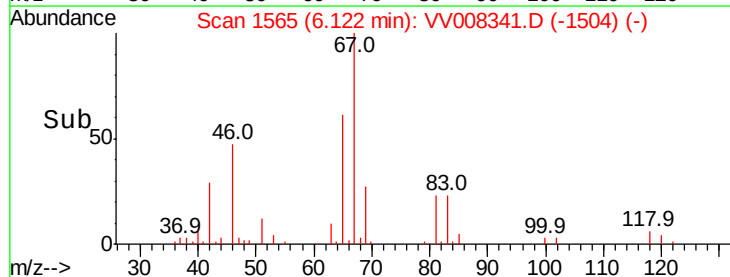
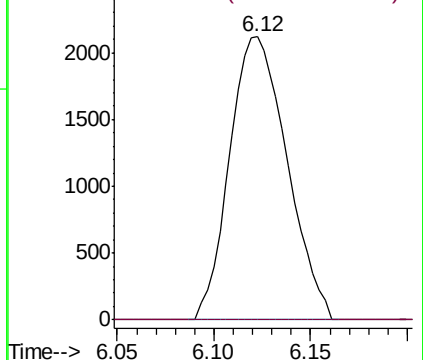
63 100

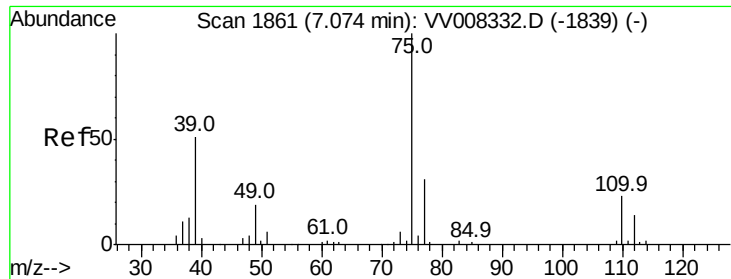
112 0.0 2.6 3.8#



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: 0.079 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008341.D

Acq: 18 Oct 2018 14:06

Instrument :

MSVOA_V

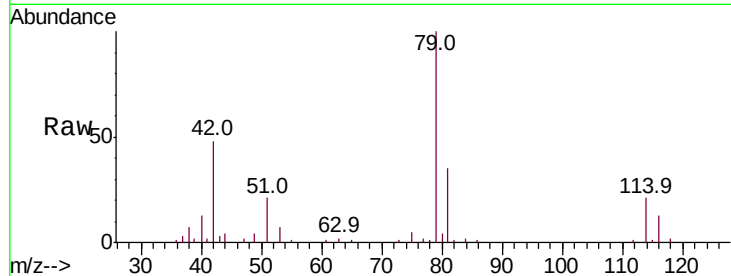
ClientSampleId :

Tot Ion: 75 Resp: 1134

Ion Ratio Lower Upper

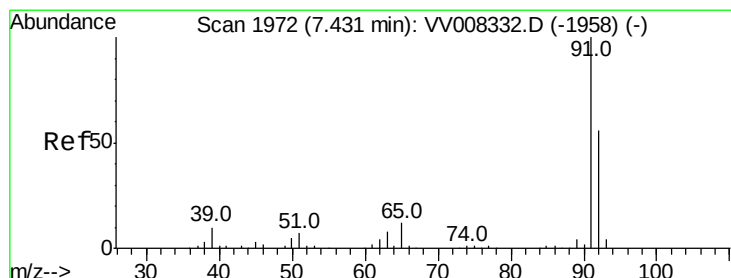
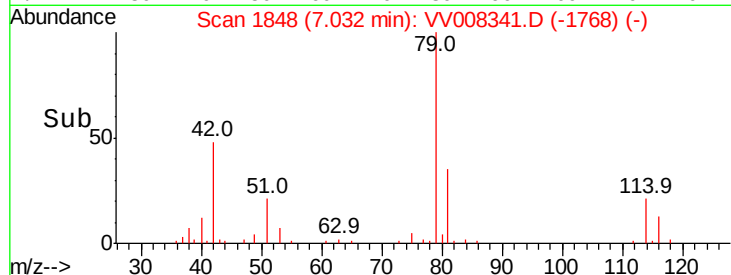
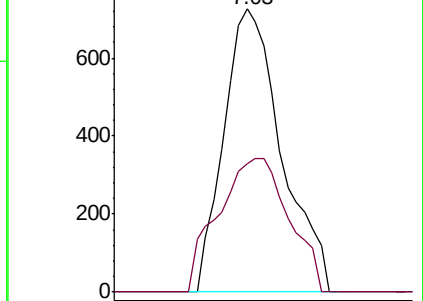
75 100

77 45.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 0.123 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008341.D

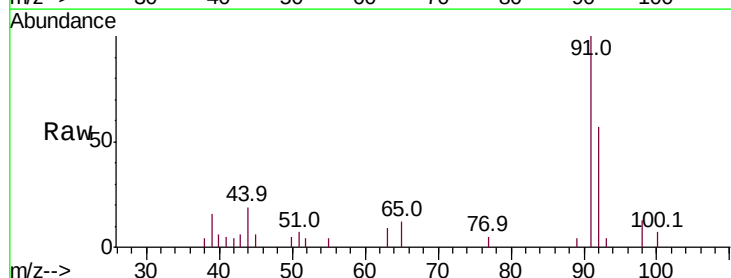
Acq: 18 Oct 2018 14:06

Tgt Ion: 91 Resp: 4737

Ion Ratio Lower Upper

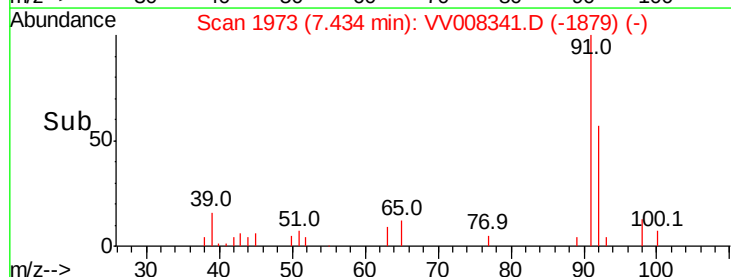
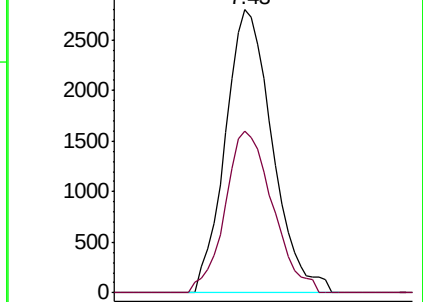
91 100

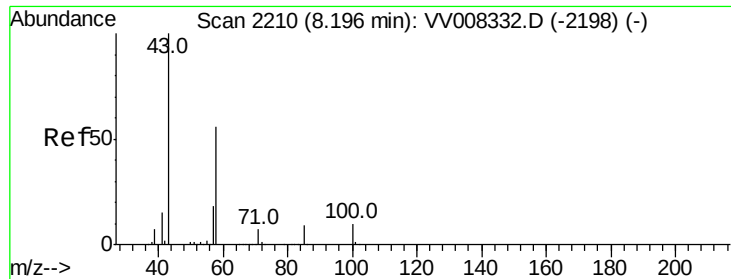
92 57.0 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

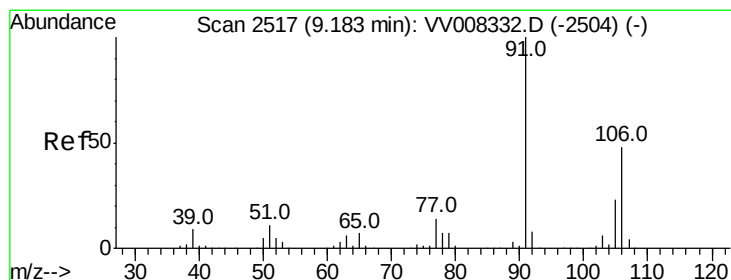
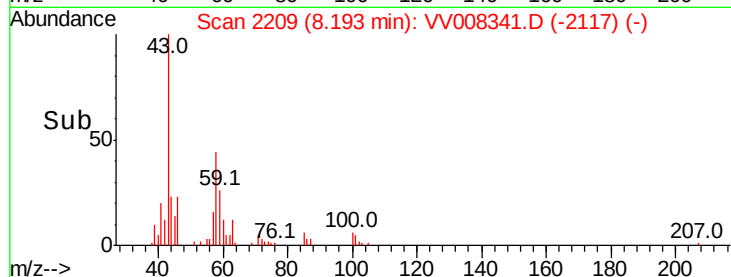
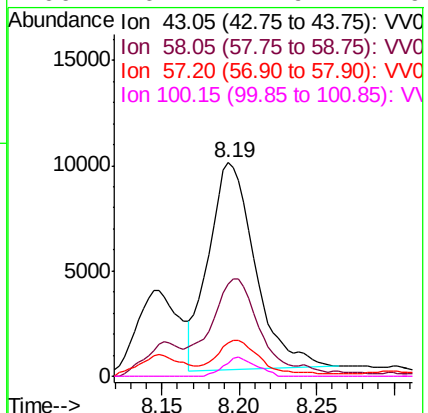
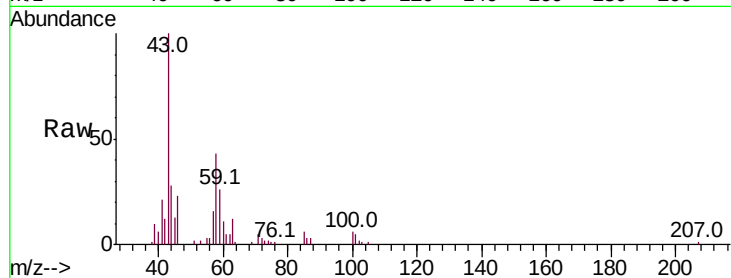




#48
2-Hexanone
Concen: 4.566 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008341.D
Acq: 18 Oct 2018 14:06

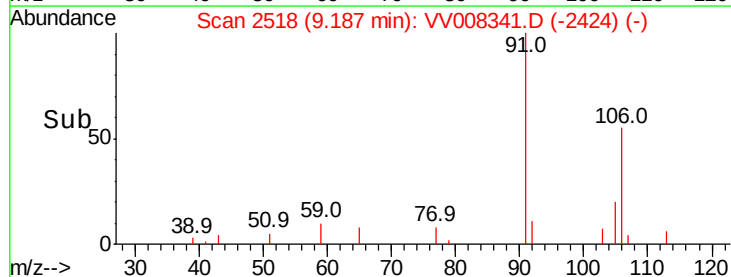
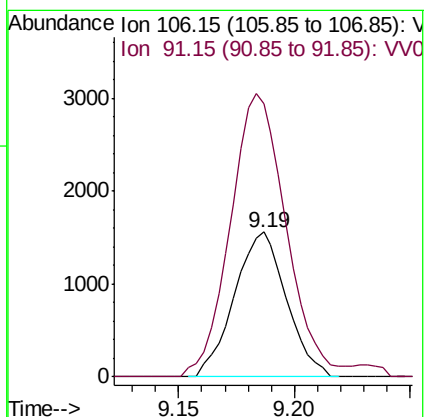
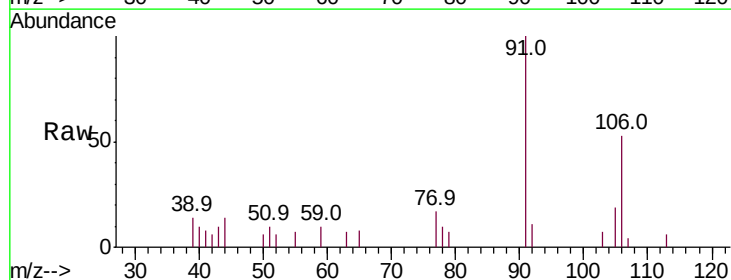
Instrument :
MSVOA_V
ClientSampleId :

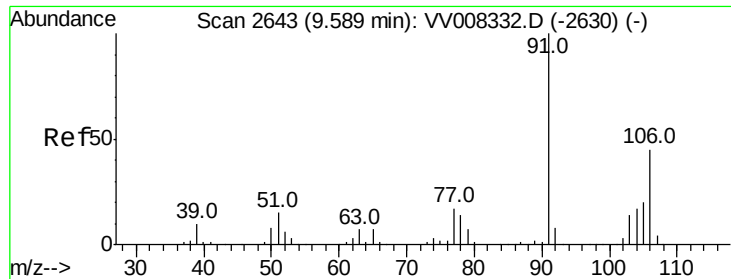
Tot Ion: 43 Resp: 20453
Ion Ratio Lower Upper
43 100
58 47.9 45.0 67.4
57 15.3 14.4 21.6
100 6.4 7.9 11.9#



#53
m,p-xylene
Concen: 0.158 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008341.D
Acq: 18 Oct 2018 14:06

Tgt Ion: 106 Resp: 2434
Ion Ratio Lower Upper
106 100
91 188.9 145.2 269.6





#54
 o-xylene
 Concen: 0.092 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. -0.00 min
 Lab File: VV008341.D
 Acq: 18 Oct 2018 14:06

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 1415
 Ion Ratio Lower Upper
 106 100
 91 187.0 153.2 284.4

