

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007276.D
 Acq On : 30 Aug 2018 22:07
 Operator : SY/MD
 Sample : J4633-06MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:33:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	277650	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	275127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75346	3.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.00%
7) Chloroethane-d5	1.58	69	72629	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.13	63	153970	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.97	46	220845	46.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.20%
24) Chloroform-d	4.41	84	182392	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.09	65	87281	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.10	84	337727	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.12	67	117907	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.36	98	260422	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	7.67	79	37197	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	130510	40.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89332	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	104338	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

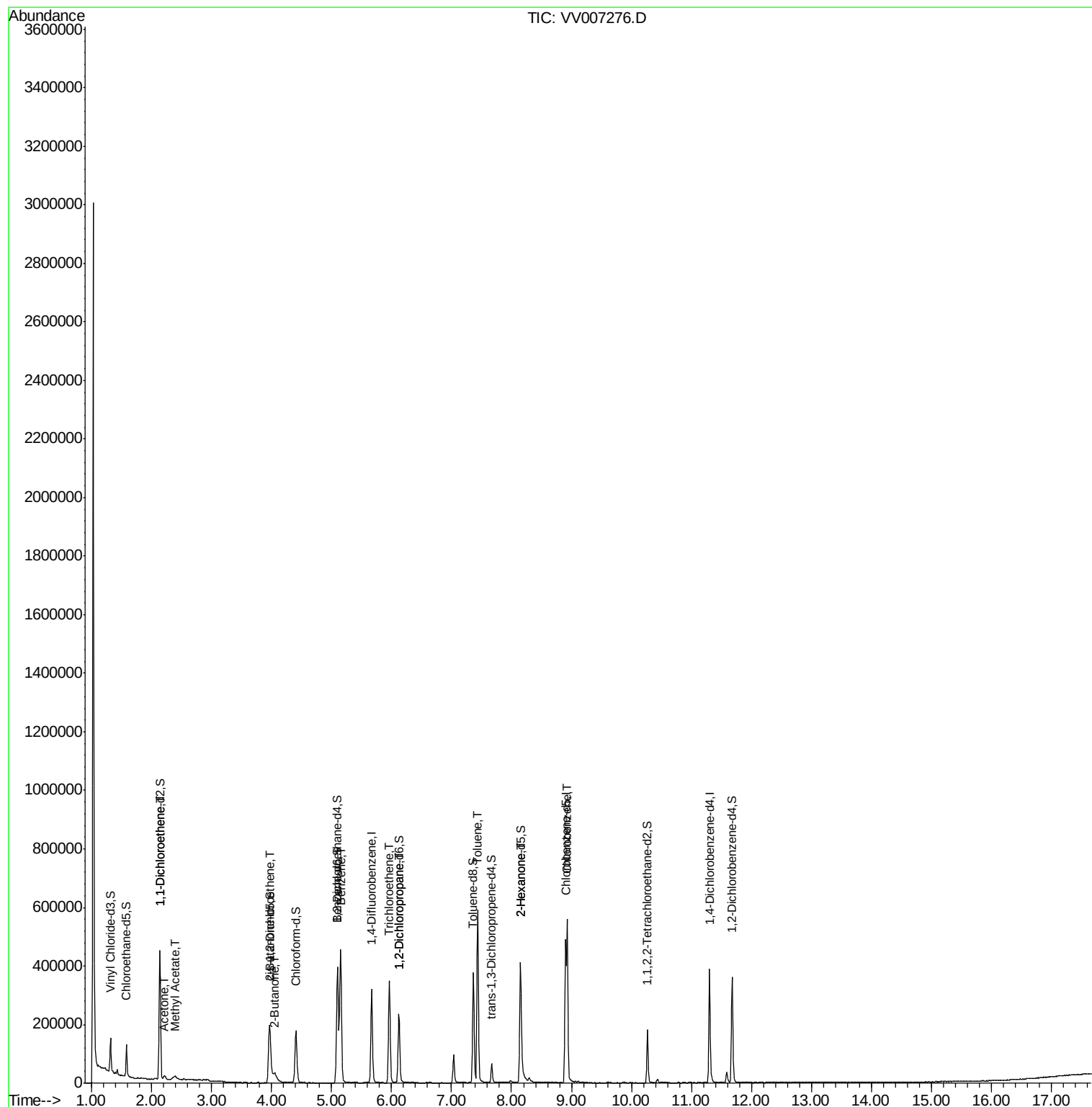
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	99514	5.197	ug/L	94
13) Acetone	2.21	43	14770	5.656	ug/L	89
15) Methyl Acetate	2.39	43	1943	0.298	ug/L #	51
21) 2-Butanone	4.05	43	1298	0.276	ug/L #	67
22) cis-1,2-Dichloroethene	3.97	96	47726	2.090	ug/L	99
33) Benzene	5.15	78	461855	5.182	ug/L	100
34) Trichloroethene	5.96	95	123896	5.657	ug/L	98
37) 1,2-Dichloropropane	6.12	63	12131	0.527	ug/L #	85
42) Toluene	7.44	91	436717	4.907	ug/L	100
48) 2-Hexanone	8.15	43	24400	3.268	ug/L #	79
51) Chlorobenzene	8.93	112	293974	5.057	ug/L	99

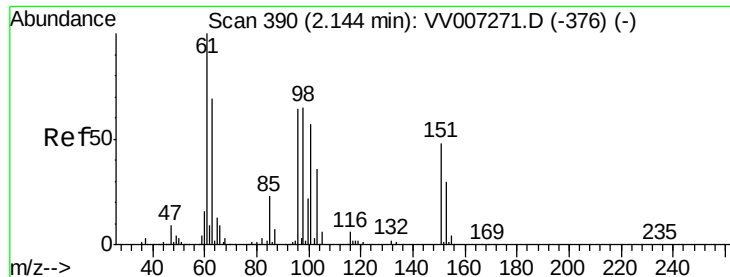
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV083018\
Data File : VV007276.D
Acq On : 30 Aug 2018 22:07
Operator : SY/MD
Sample : J4633-06MSD
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 31 02:33:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 31 02:32:21 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.197 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007276.D

Acq: 30 Aug 2018 22:07

Instrument :

MSVOA_V

ClientSampled :

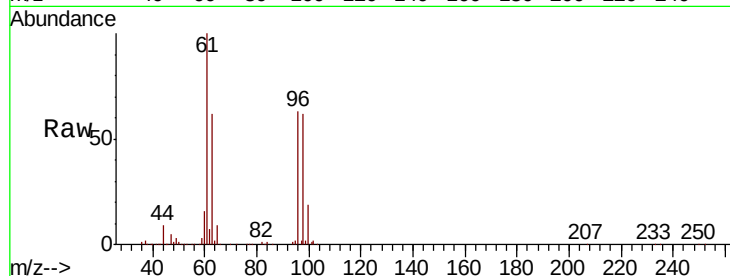
Tot Ion: 96 Resp: 99514

Ion Ratio Lower Upper

96 100

61 157.8 108.8 202.0

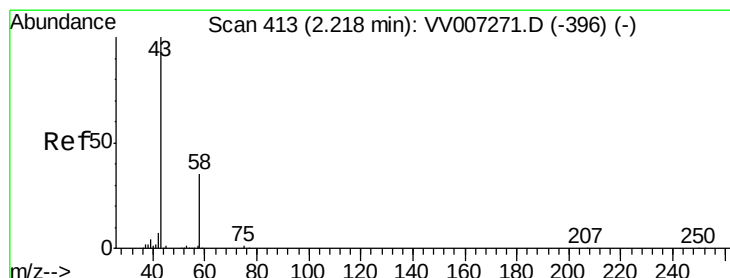
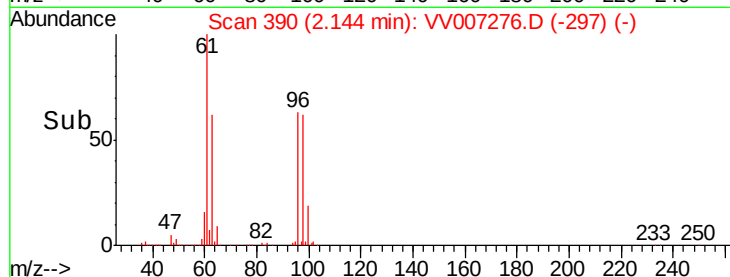
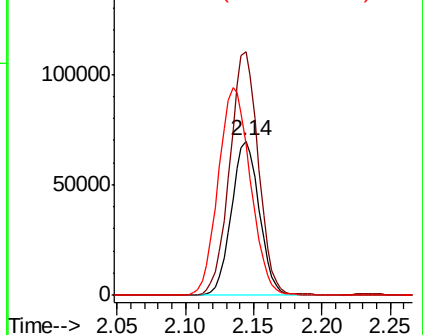
63 98.5 78.0 144.9



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



#13

Acetone

Concen: 5.656 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.01 min

Lab File: VV007276.D

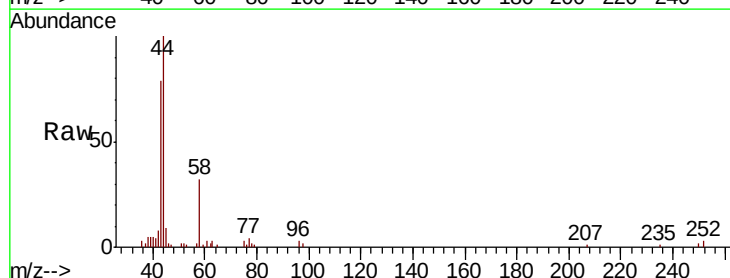
Acq: 30 Aug 2018 22:07

Tgt Ion: 43 Resp: 14770

Ion Ratio Lower Upper

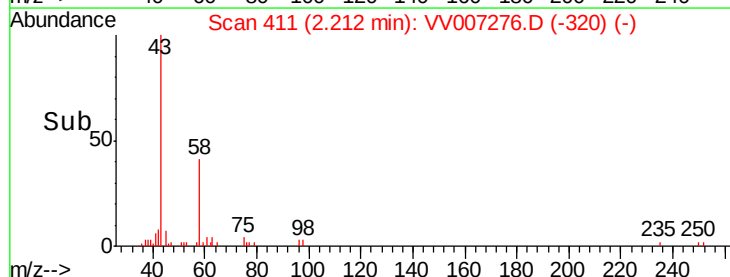
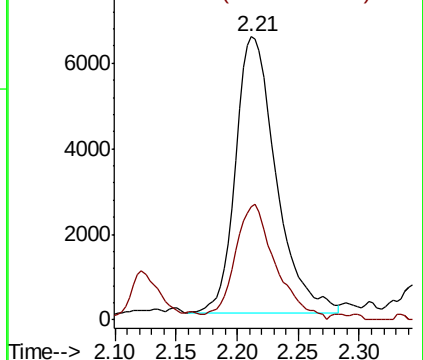
43 100

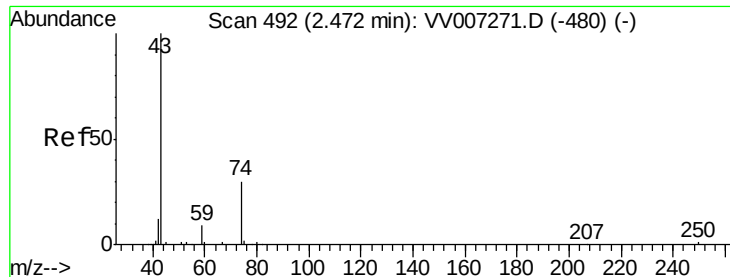
58 42.4 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

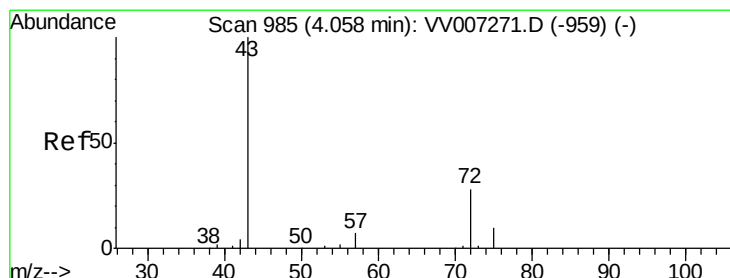
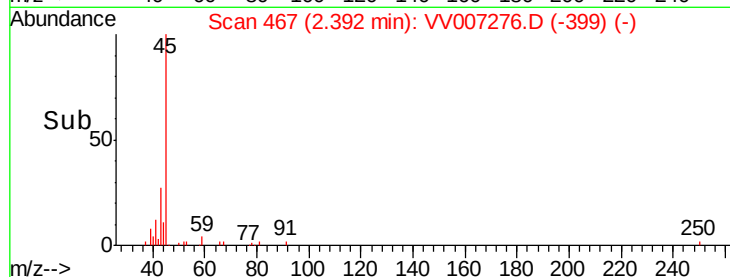
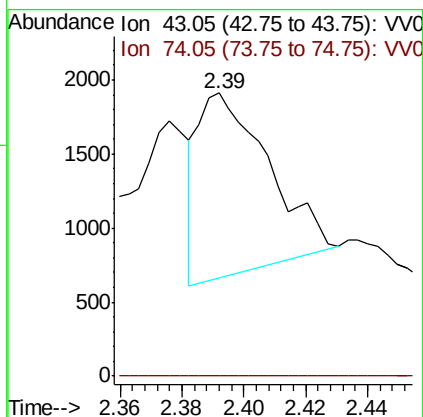
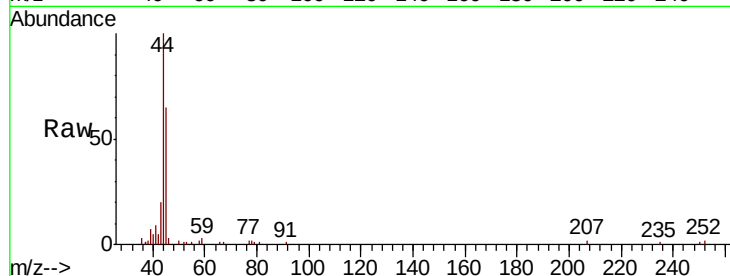




#15
Methvl Acetate
Concen: 0.298 ug/L
RT: 2.39 min Scan# 467
Delta R.T. -0.08 min
Lab File: VV007276.D
Acq: 30 Aug 2018 22:07

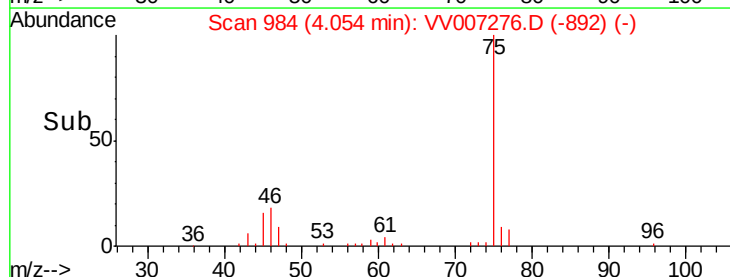
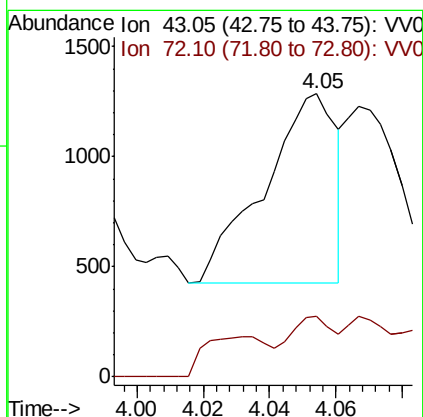
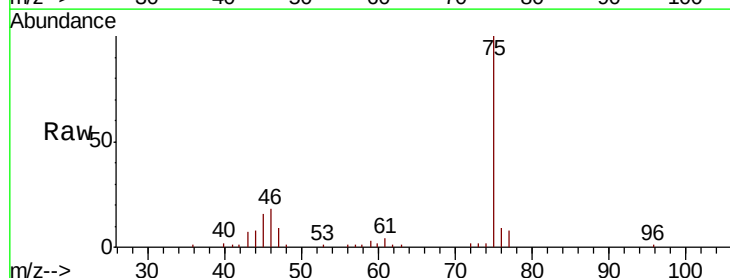
Instrument :
MSVOA_V
ClientSampled :

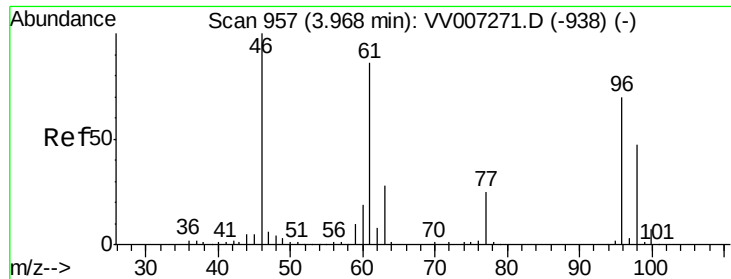
Tot Ion: 43 Resp: 1943
Ion Ratio Lower Upper
43 100
74 2.3 22.5 33.7#



#21
2-Butanone
Concen: 0.276 ug/L
RT: 4.05 min Scan# 984
Delta R.T. -0.00 min
Lab File: VV007276.D
Acq: 30 Aug 2018 22:07

Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
72 10.6 14.1 42.3#



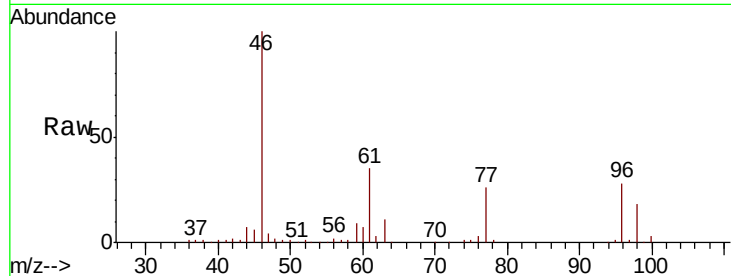


#22

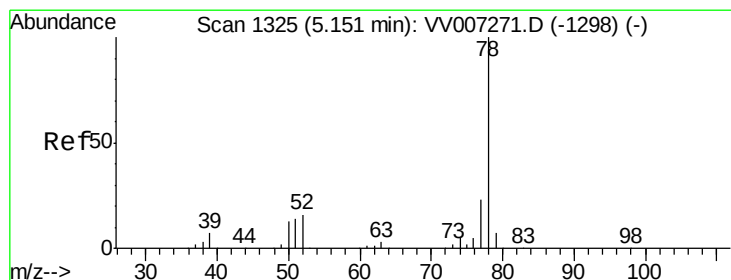
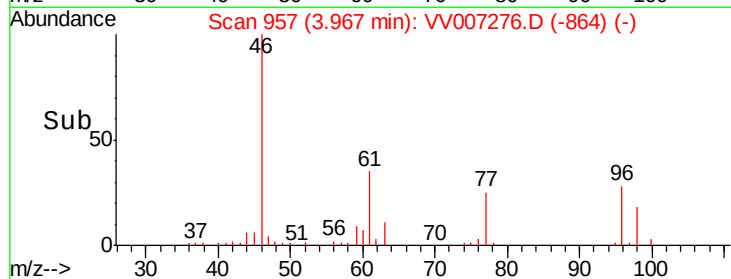
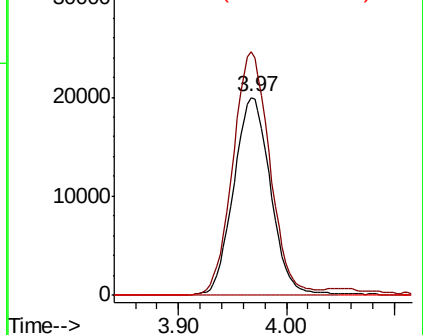
cis-1,2-Dichloroethene
Concen: 2.090 ug/L
RT: 3.97 min Scan# 957
Delta R.T. -0.00 min
Lab File: VV007276.D
Acq: 30 Aug 2018 22:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 47726
Ion Ratio Lower Upper
96 100
61 123.1 85.4 158.6
68 0.0 0.0 0.0



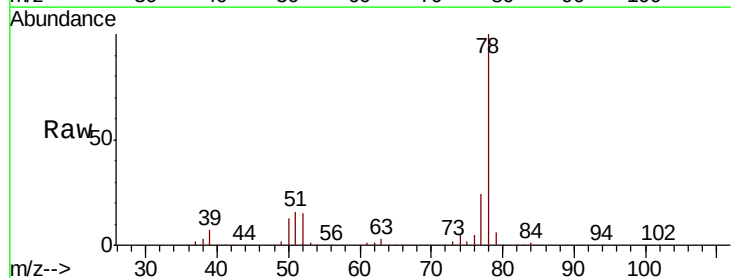
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



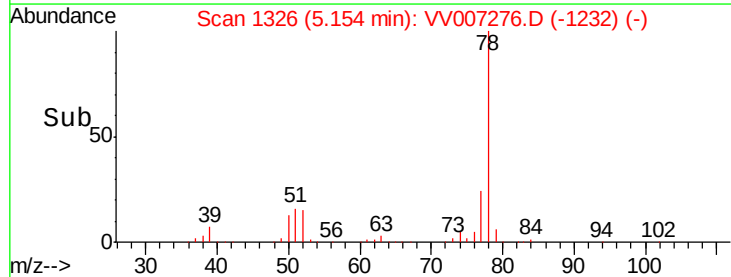
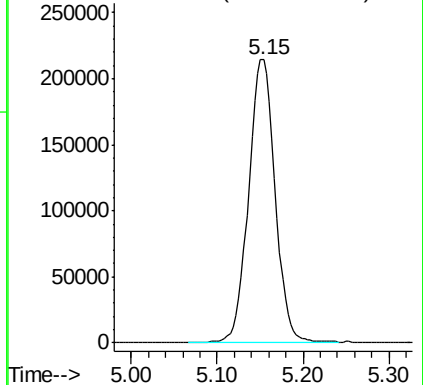
#33

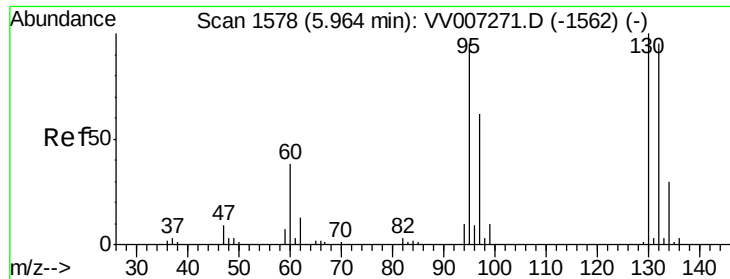
Benzene
Concen: 5.182 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV007276.D
Acq: 30 Aug 2018 22:07

Tgt Ion: 78 Resp: 461855



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.657 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007276.D

Acq: 30 Aug 2018 22:07

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 123896

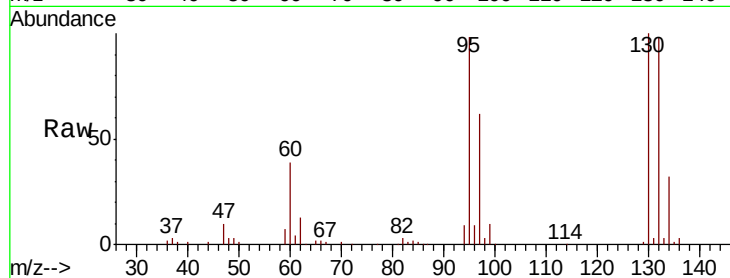
Ion Ratio Lower Upper

95 100

97 62.6 44.2 82.2

132 99.7 70.9 131.7

130 101.8 72.7 135.1

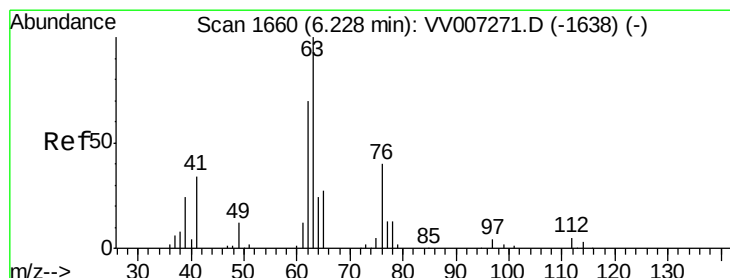
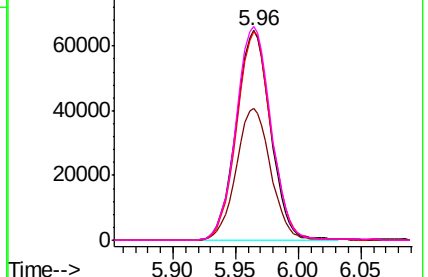
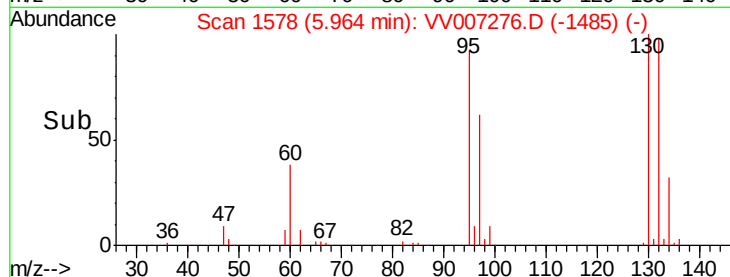


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007276.D

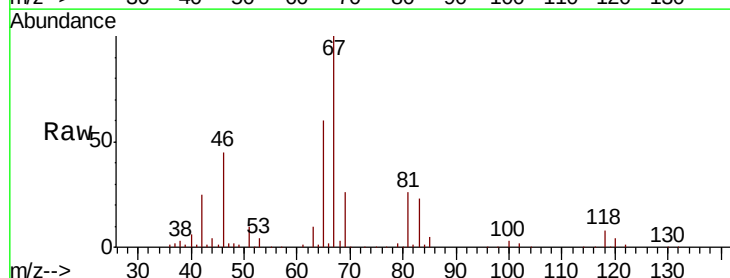
Acq: 30 Aug 2018 22:07

Tgt Ion: 63 Resp: 12131

Ion Ratio Lower Upper

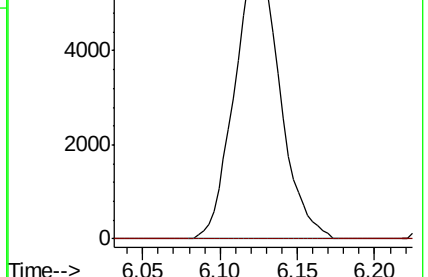
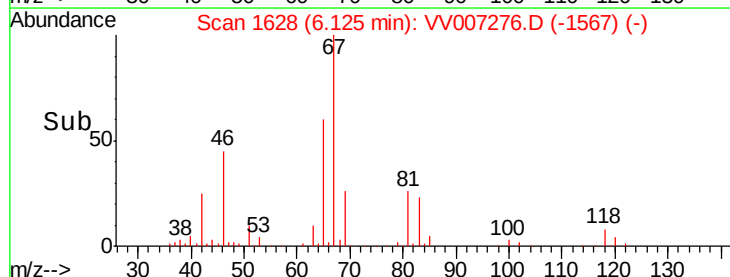
63 100

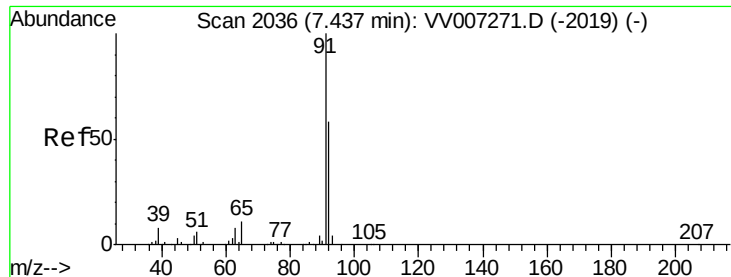
112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 4.907 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV007276.D

Acq: 30 Aug 2018 22:07

Instrument :

MSVOA_V

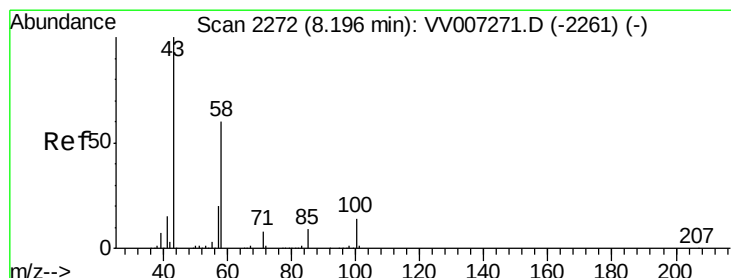
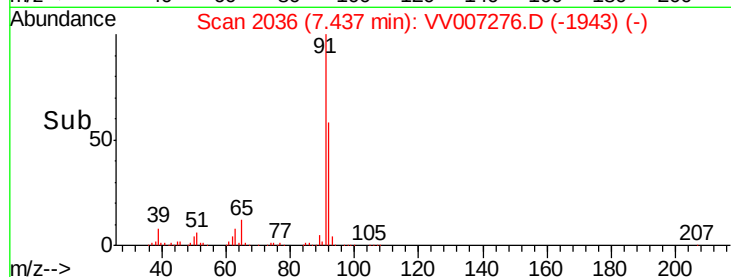
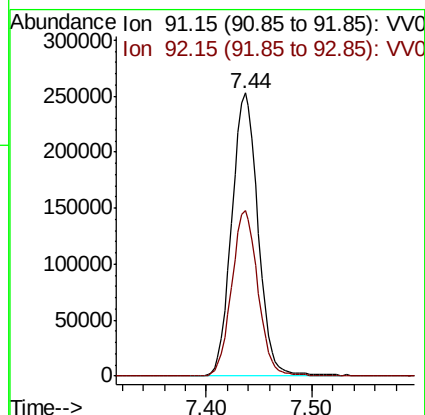
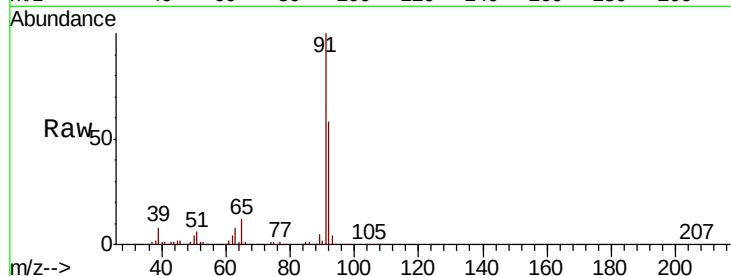
ClientSampled :

Tot Ion: 91 Resp: 436717

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.7



#48

2-Hexanone

Concen: 3.268 ug/L

RT: 8.15 min Scan# 2258

Delta R.T. -0.05 min

Lab File: VV007276.D

Acq: 30 Aug 2018 22:07

Tgt Ion: 43 Resp: 24400

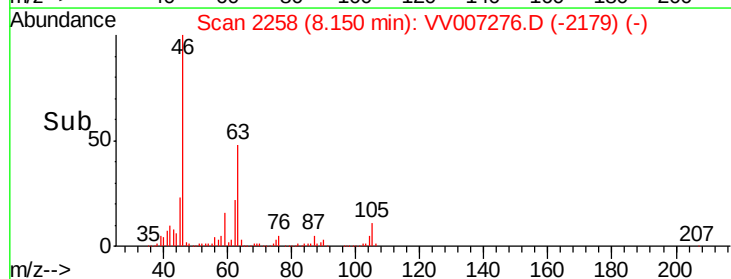
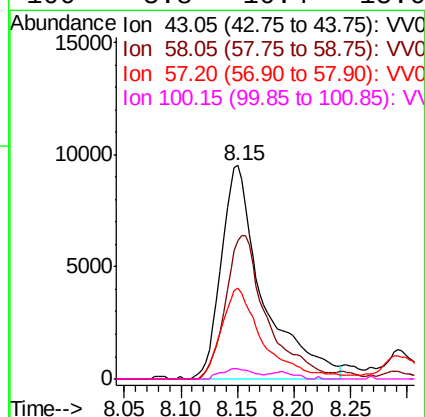
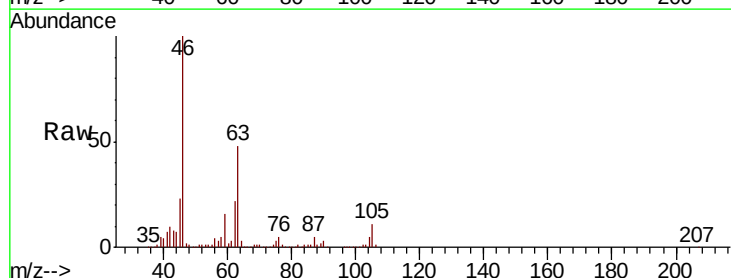
Ion Ratio Lower Upper

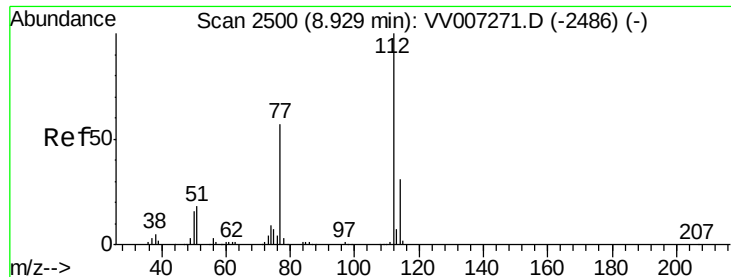
43 100

58 66.5 46.6 69.8

57 42.5 15.4 23.0#

100 3.8 10.4 15.6#





#51
 Chlorobenzene
 Concen: 5.057 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: VV007276.D
 Acq: 30 Aug 2018 22:07

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.3
77	57.3	46.7	70.1

