

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007205.D
 Acq On : 25 Aug 2018 15:42
 Operator : SY/MD
 Sample : J4645-03MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:25:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	678405	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	675217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	284338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	204225	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.72%
7) Chloroethane-d5	1.58	69	180347	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.34%
11) 1,1-Dichloroethene-d2	2.13	63	402574	48.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.12%
21) 2-Butanone-d5	3.96	46	330357	93.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.03%
24) Chloroform-d	4.41	84	439231	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.09	65	280565	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.11	84	883711	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.12	67	298453	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	7.37	98	729717	43.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.42%
43) trans-1,3-Dichloropropene-	7.67	79	125633	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
47) 2-Hexanone-d5	8.14	63	164291	82.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	393410	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	289499	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

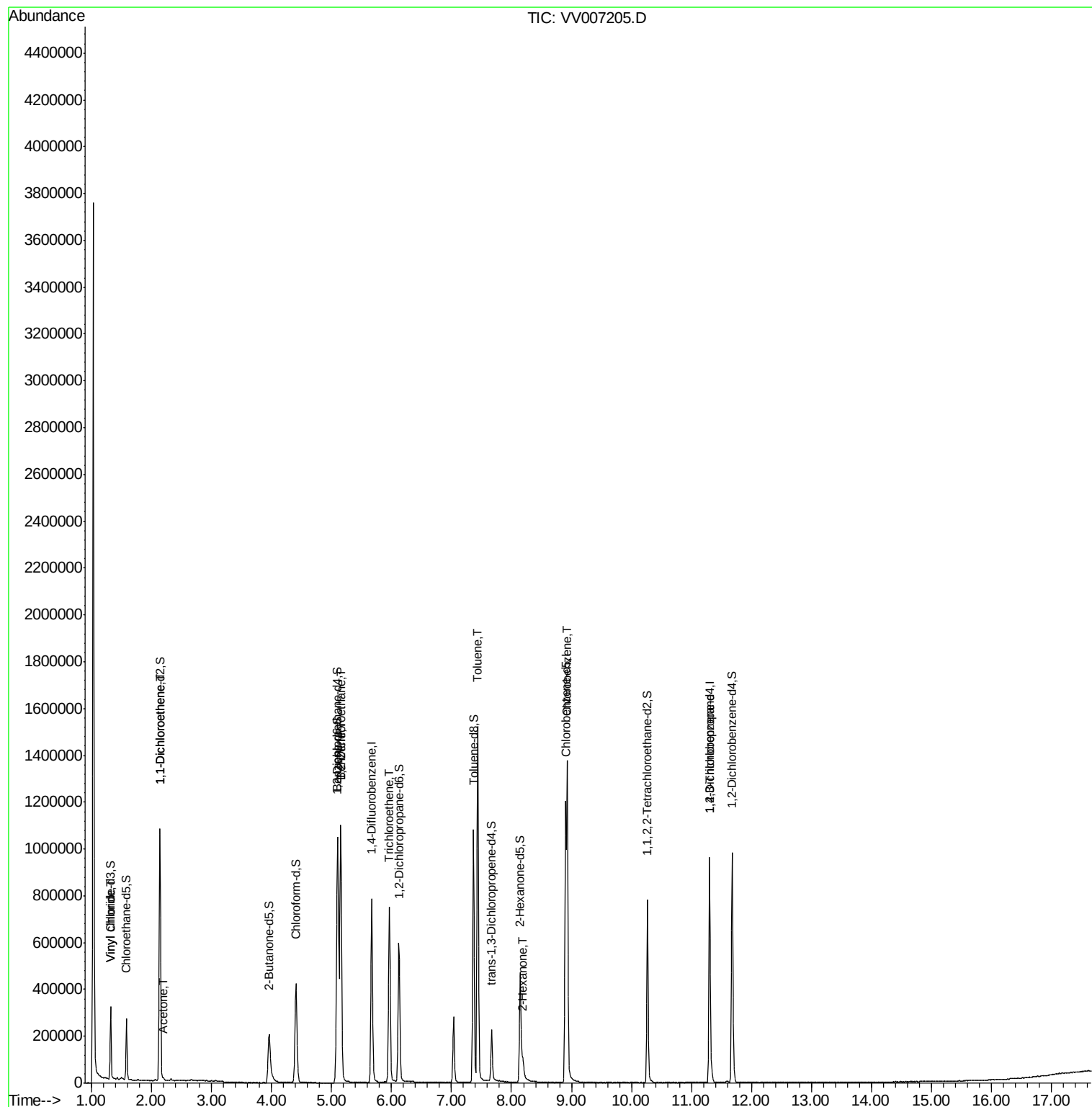
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	8652	1.517	ug/L #	50
12) 1,1-Dichloroethene	2.14	96	232324	55.359	ug/L	95
13) Acetone	2.20	43	4180	1.594	ug/L	90
27) 1,2-Dichloroethane	5.15	62	9607	1.435	ug/L #	72
33) Benzene	5.15	78	1126550	53.866	ug/L	100
34) Trichloroethene	5.96	95	258077	50.746	ug/L	99
42) Toluene	7.44	91	1118609	55.175	ug/L	98
48) 2-Hexanone	8.19	43	45580	8.925	ug/L #	86
51) Chlorobenzene	8.93	112	735745	53.669	ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	32038	4.710	ug/L	89

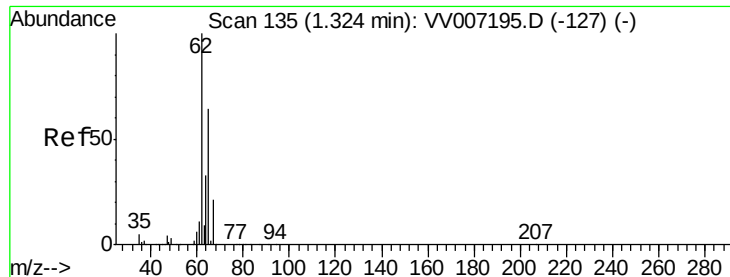
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Aug 27 01:23:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.517 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

Instrument :

MSVOA_V

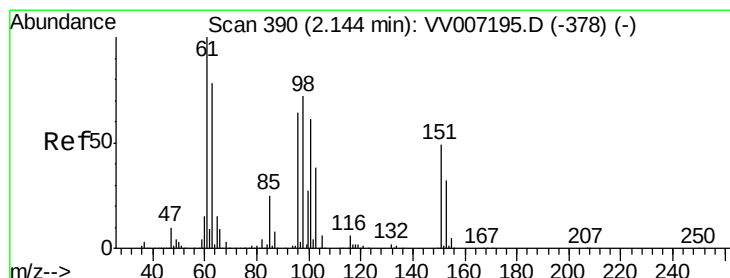
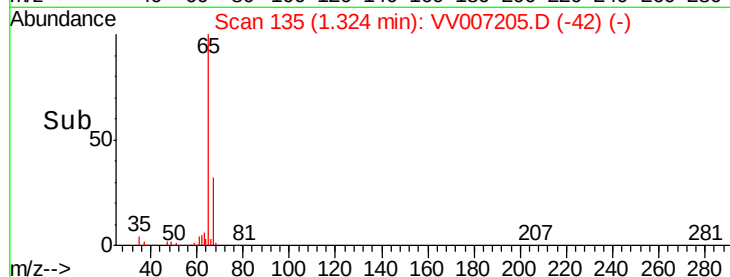
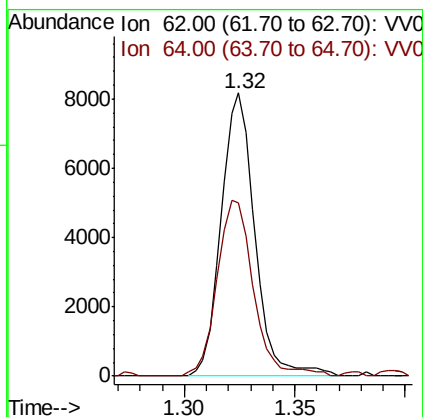
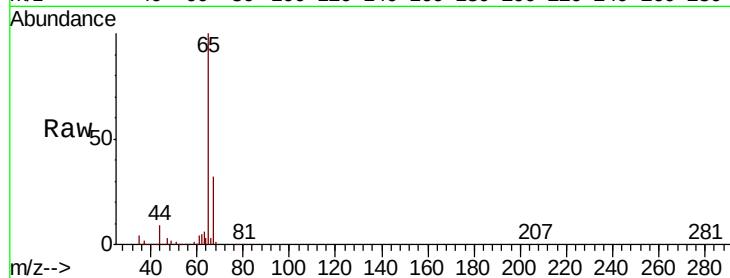
ClientSampleId :

Tot Ion: 62 Resp: 8652

Ion Ratio Lower Upper

62 100

64 61.0 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 55.359 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

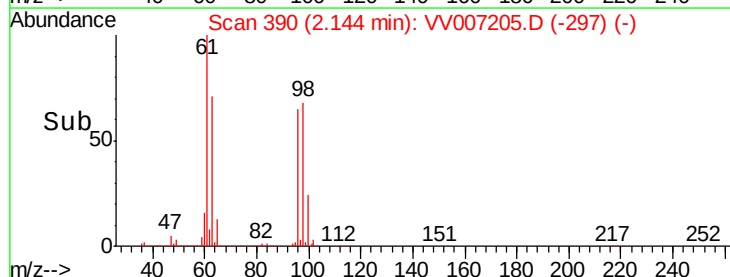
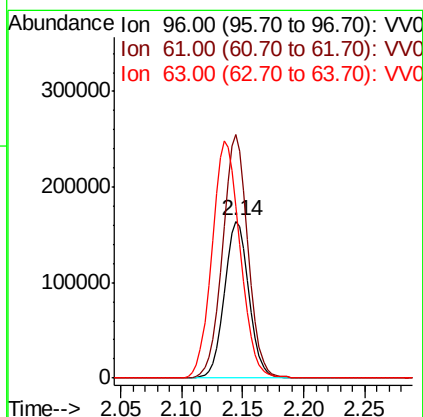
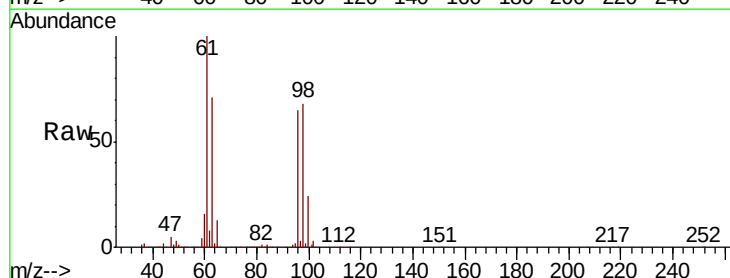
Tgt Ion: 96 Resp: 232324

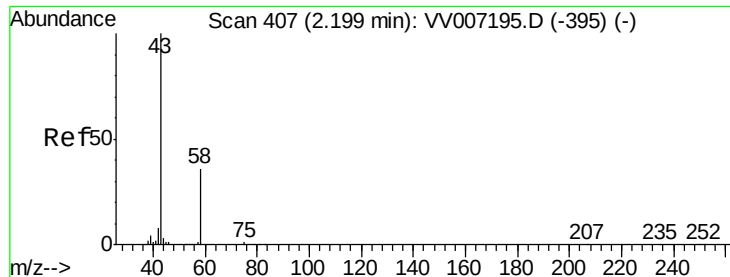
Ion Ratio Lower Upper

96 100

61 154.9 108.5 201.5

63 109.7 84.9 157.7





#13

Acetone

Concen: 1.594 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

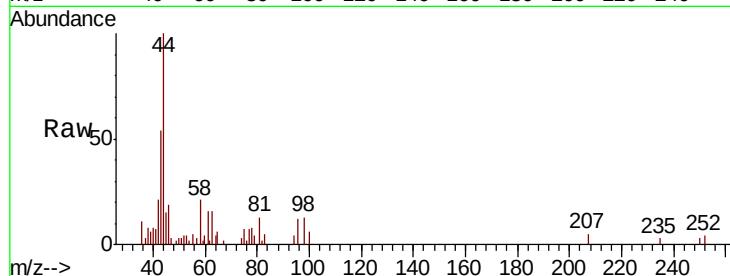
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4180

Ion Ratio Lower Upper

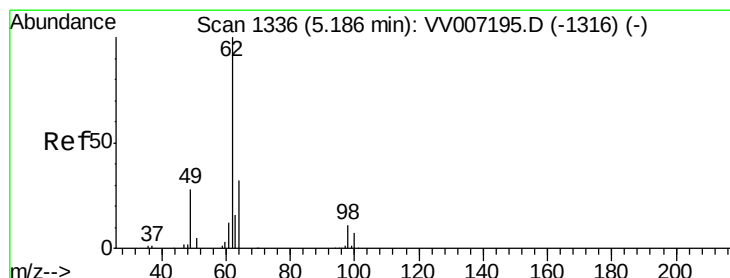
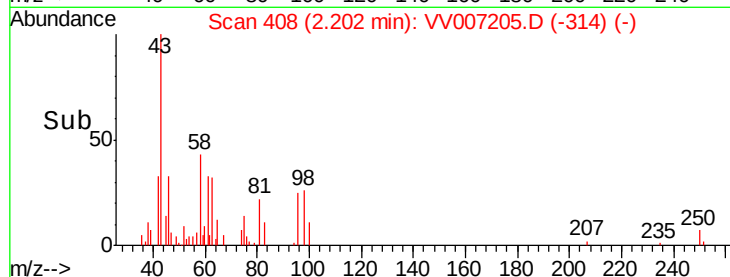
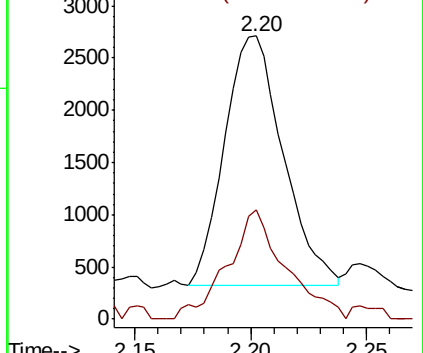
43 100

58 41.8 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV007195.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VV007195.D (-395) (-)



#27

1,2-Dichloroethane

Concen: 1.435 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. -0.03 min

Lab File: VV007205.D

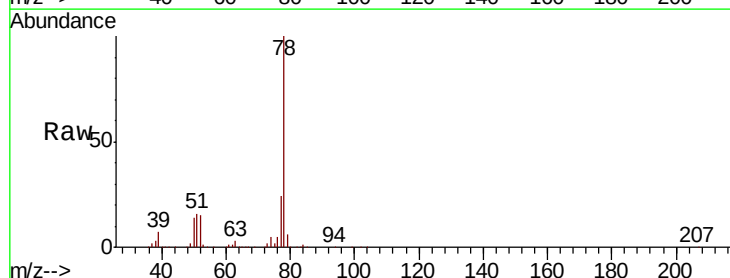
Acq: 25 Aug 2018 15:42

Tgt Ion: 62 Resp: 9607

Ion Ratio Lower Upper

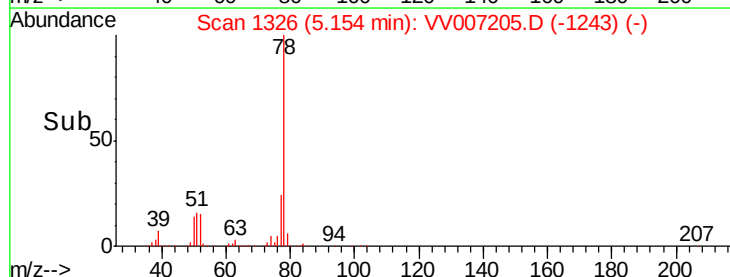
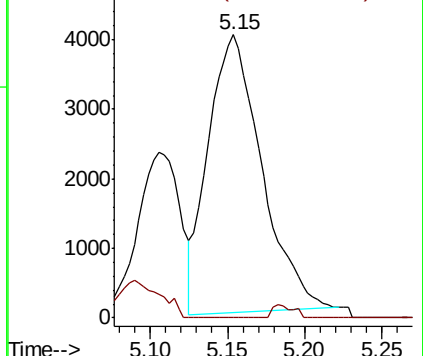
62 100

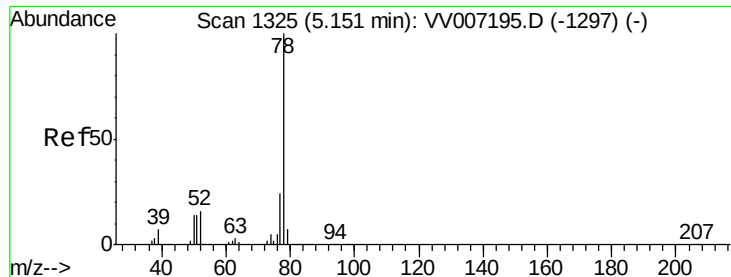
98 0.0 8.3 12.5#



Abundance Ion 62.00 (61.70 to 62.70): VV007195.D (-1316) (-)

Ion 98.00 (97.70 to 98.70): VV007195.D (-1316) (-)

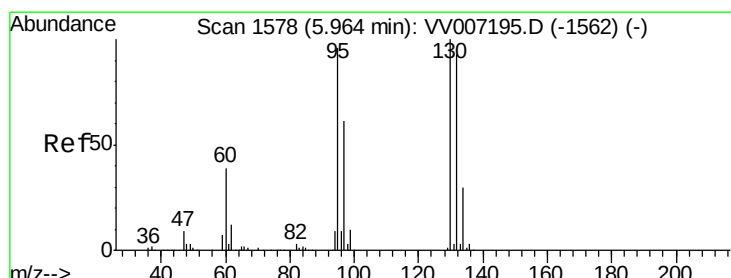
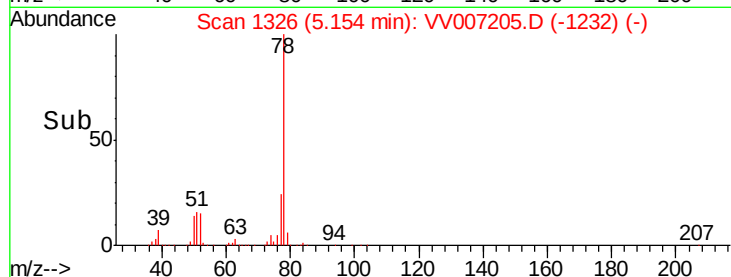
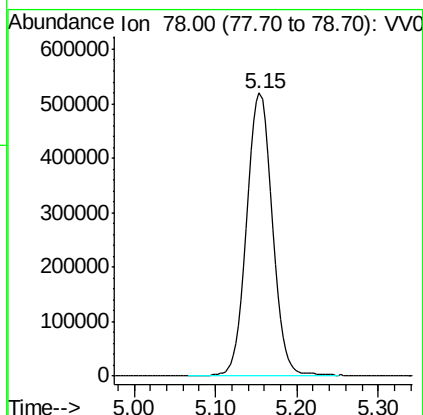
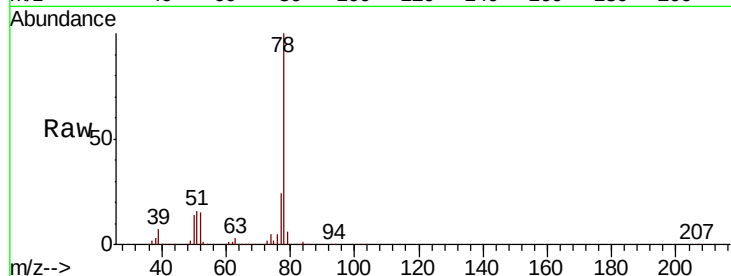




#33
Benzene
Concen: 53.866 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV007205.D
Acq: 25 Aug 2018 15:42

Tgt Ion: 78 Resp: 1126550

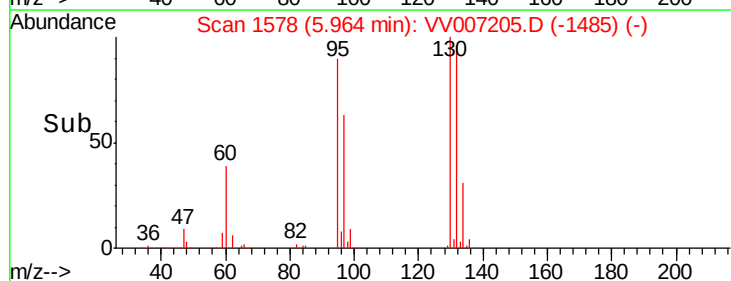
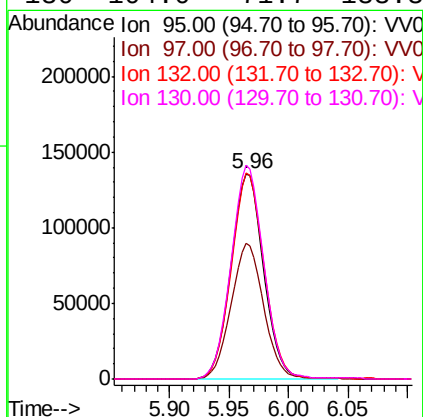
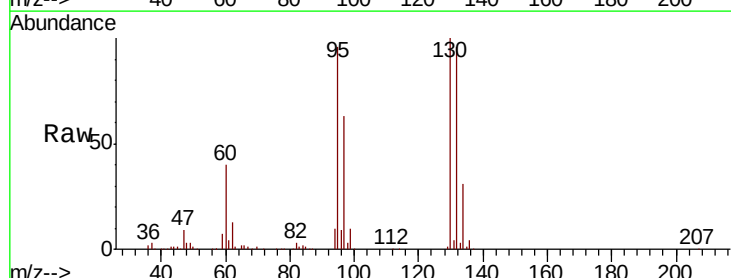
Instrument :
MSVOA_V
ClientSampled :

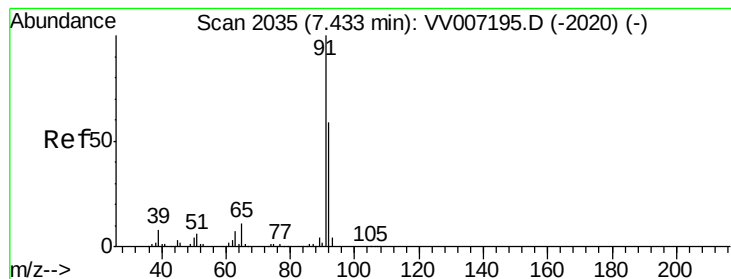


#34
Trichloroethene
Concen: 50.746 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007205.D
Acq: 25 Aug 2018 15:42

Tgt Ion: 95 Resp: 258077

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.4	84.2
132	100.2	70.8	131.4
130	104.0	71.7	133.3





#42

Toluene

Concen: 55.175 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

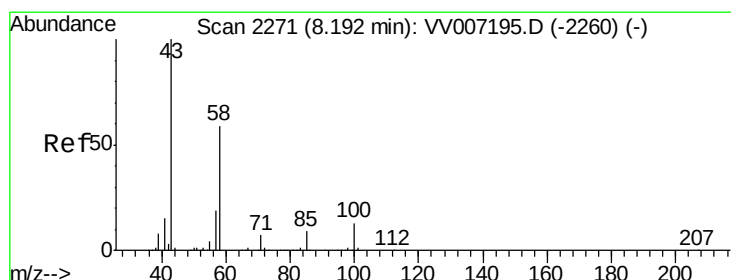
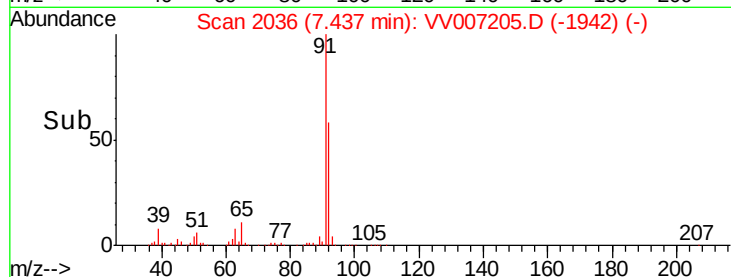
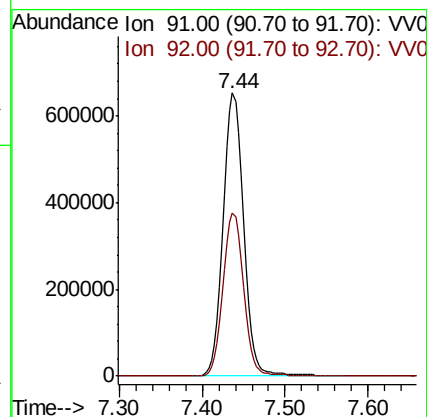
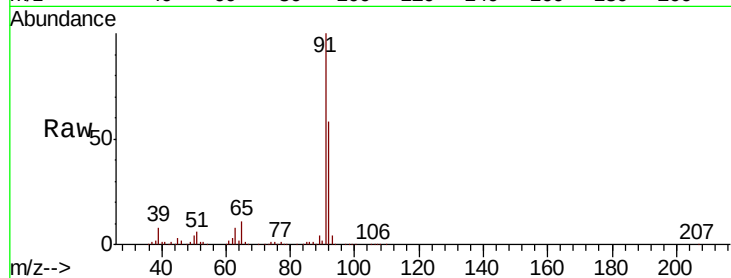
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 1118609

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.6



#48

2-Hexanone

Concen: 8.925 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

Tgt Ion: 43 Resp: 45580

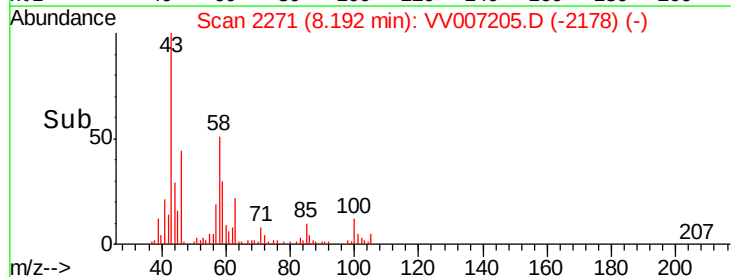
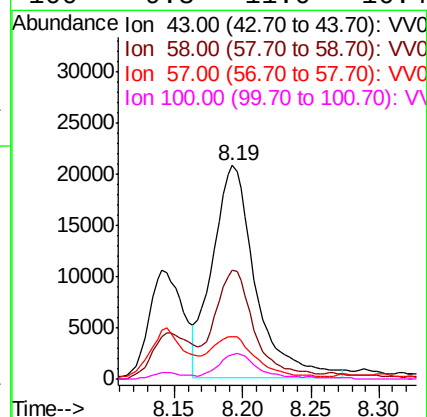
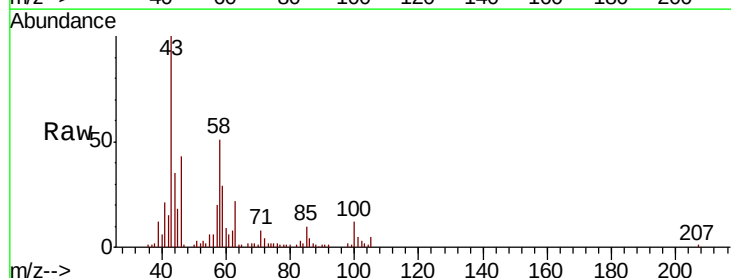
Ion Ratio Lower Upper

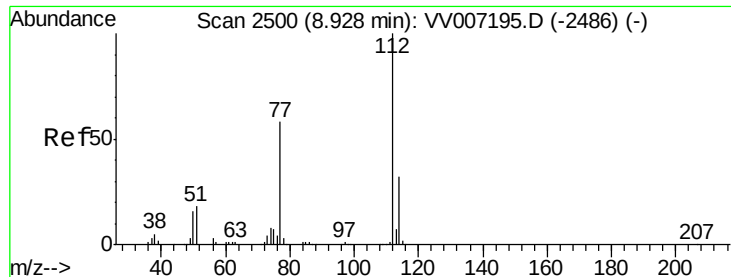
43 100

58 44.8 47.3 70.9#

57 19.8 16.5 24.7

100 9.3 11.0 16.4#

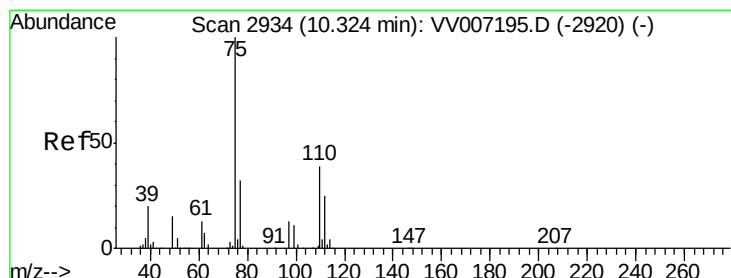
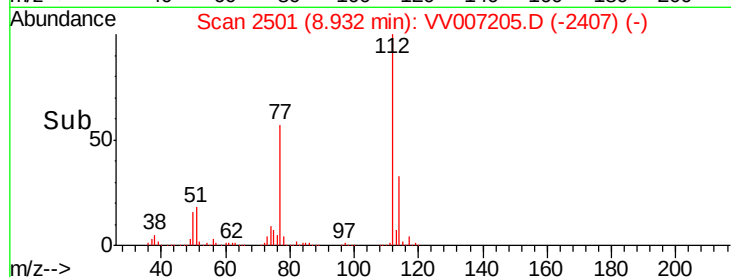
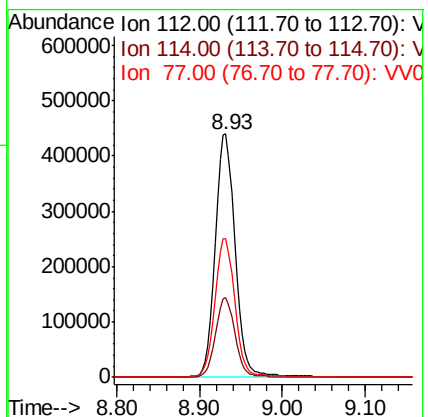
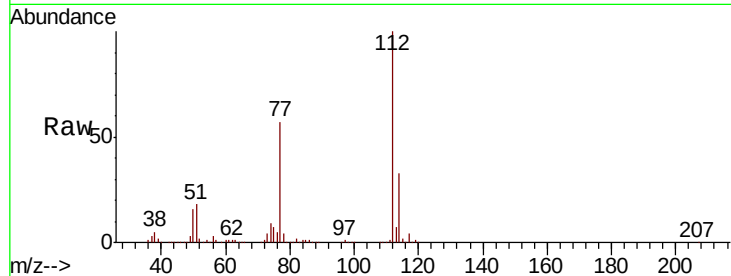




#51
Chlorobenzene
Concen: 53.669 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV007205.D
Acq: 25 Aug 2018 15:42

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.0	40.8
77	57.0	46.4	69.6



#59
1,2,3-Trichloropropane
Concen: 4.710 ug/L
RT: 11.30 min Scan# 3238
Delta R.T. 0.98 min
Lab File: VV007205.D
Acq: 25 Aug 2018 15:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.8	24.6	37.0

