

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007908.D
 Acq On : 27 Sep 2018 15:18
 Operator : SY/MD
 Sample : J5011-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9F9

Quant Time: Sep 28 02:22:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 00:42:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91039	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21644	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.59	69	19861	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.14	63	36817	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.96	46	61108	39.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.88%
24) Chloroform-d	4.41	84	48113	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.09	65	27288	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.10	84	95598	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.12	67	29857	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.36	98	91908	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	9980	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.14	63	44402	37.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21225	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38686	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

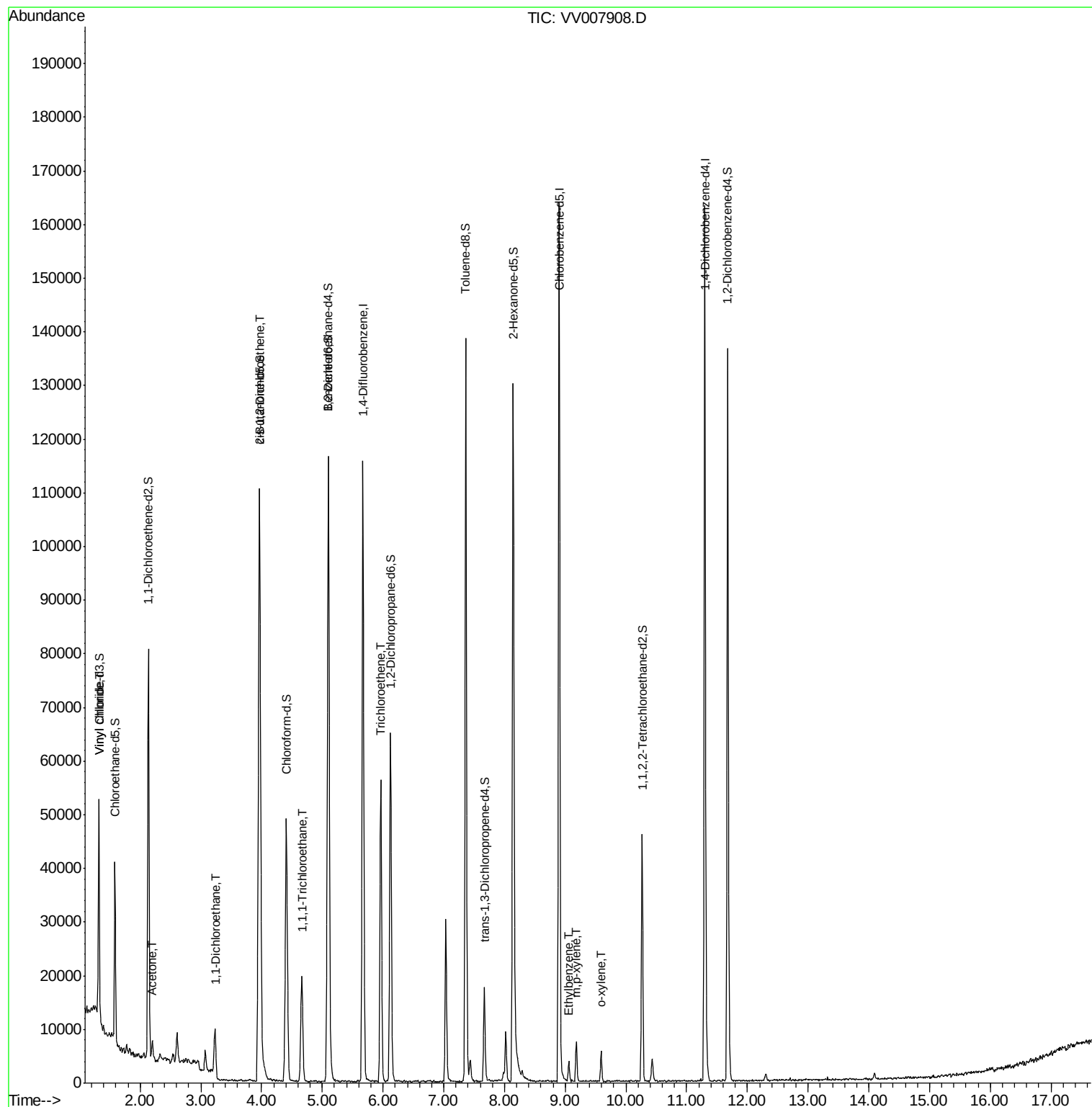
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	4462	0.581	ug/L	84
13) Acetone	2.20	43	3185	2.821	ug/L	95
19) 1,1-Dichloroethane	3.23	63	9138	0.765	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	45194	6.374	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	15702	1.434	ug/L	99
34) Trichloroethene	5.96	95	18997	2.545	ug/L	99
52) Ethylbenzene	9.06	91	2795	0.088	ug/L	91
53) m,p-xylene	9.18	106	2053	0.170	ug/L	90
54) o-xylene	9.59	106	1250	0.107	ug/L	74

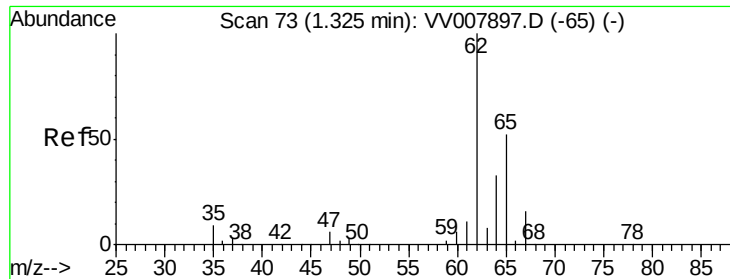
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.581 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV007908.D

Acq: 27 Sep 2018 15:18

Instrument :

MSVOA_V

ClientSampleId :

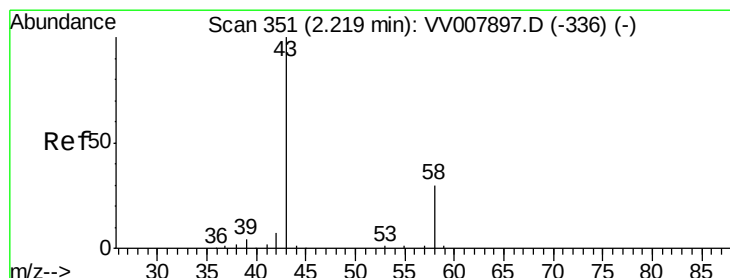
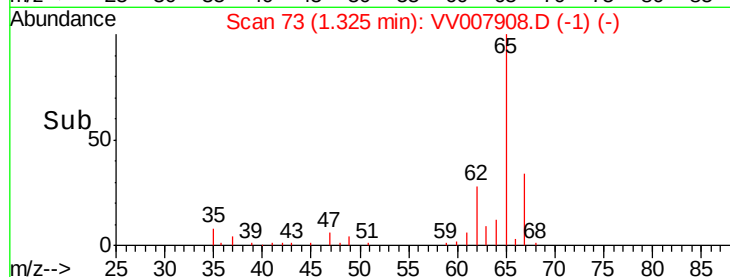
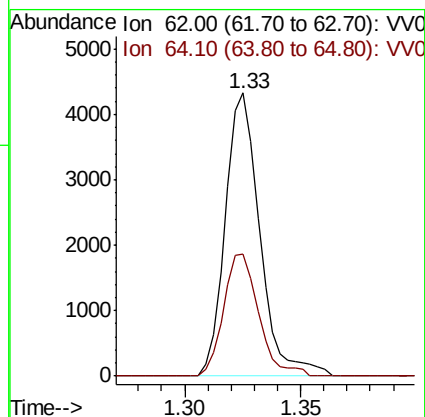
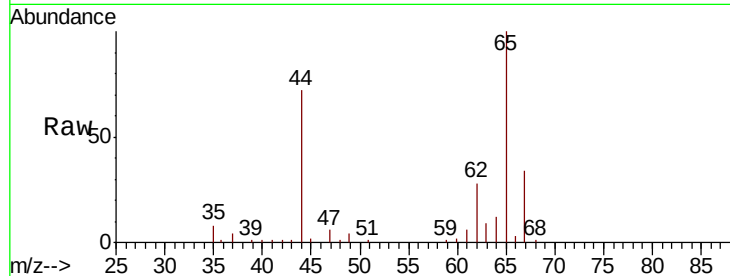
BE9F9

Tot Ion: 62 Resp: 4462

Ion Ratio Lower Upper

62 100

64 43.3 24.0 44.6



#13

Acetone

Concen: 2.821 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV007908.D

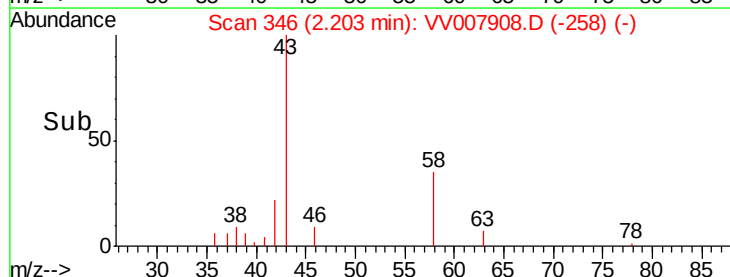
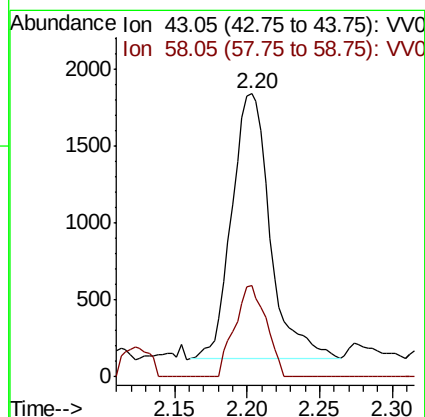
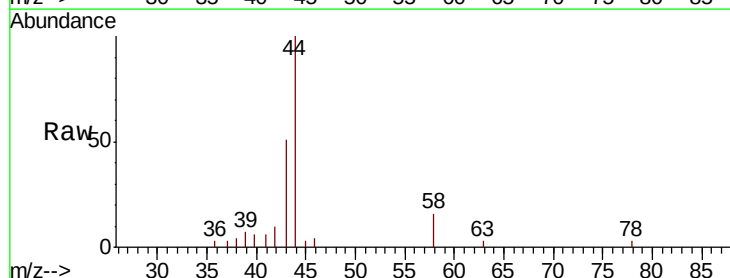
Acq: 27 Sep 2018 15:18

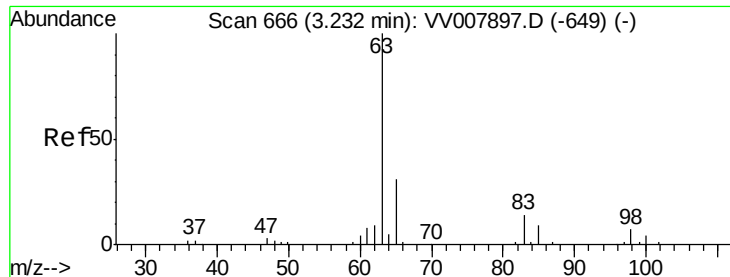
Tgt Ion: 43 Resp: 3185

Ion Ratio Lower Upper

43 100

58 28.1 0.0 62.0

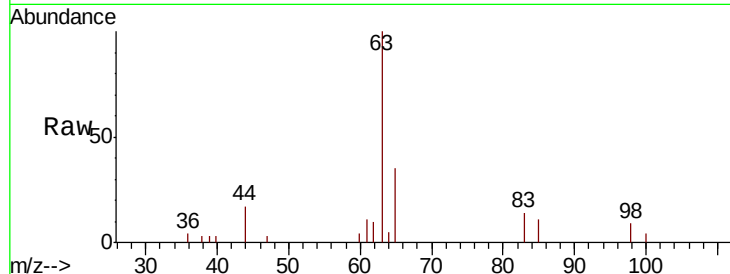




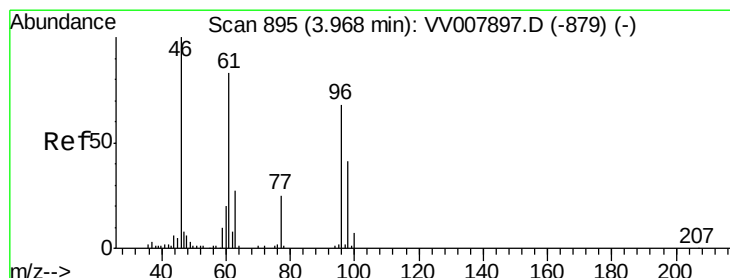
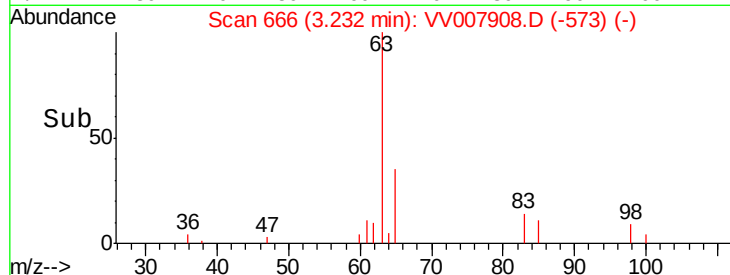
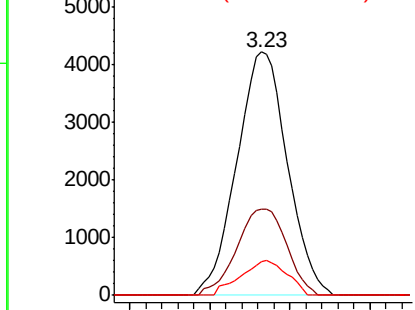
#19
 1,1-Dichloroethane
 Concen: 0.765 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV007908.D
 Acq: 27 Sep 2018 15:18

Instrument :
 MSVOA_V
 ClientSampled :
 BE9F9

Tot Ion: 63 Resp: 9138
 Ion Ratio Lower Upper
 63 100
 65 35.3 22.3 41.5
 83 14.0 9.8 18.2

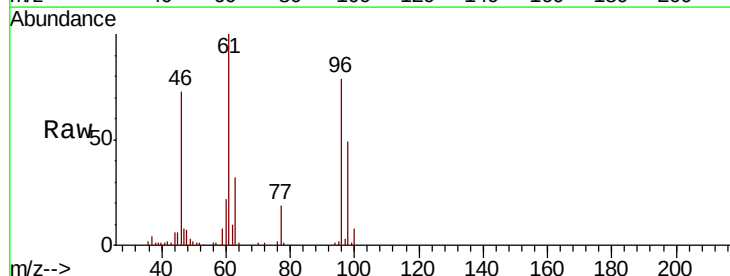


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

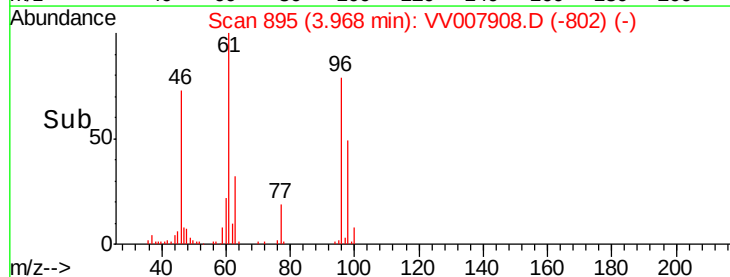
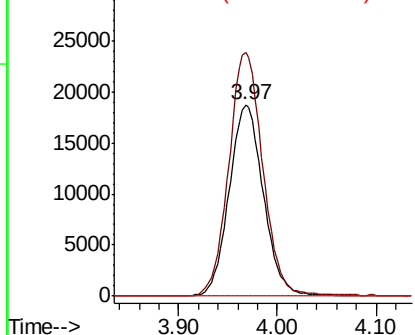


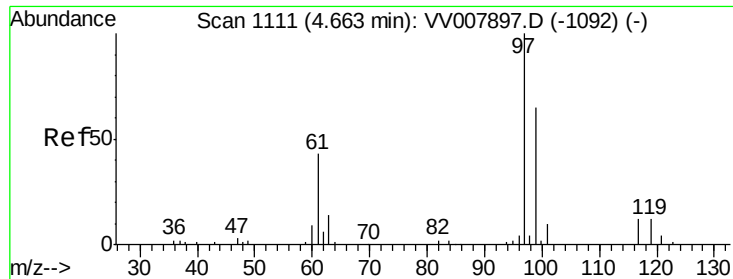
#22
 cis-1,2-Dichloroethene
 Concen: 6.374 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV007908.D
 Acq: 27 Sep 2018 15:18

Tgt Ion: 96 Resp: 45194
 Ion Ratio Lower Upper
 96 100
 61 127.3 89.5 166.1
 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

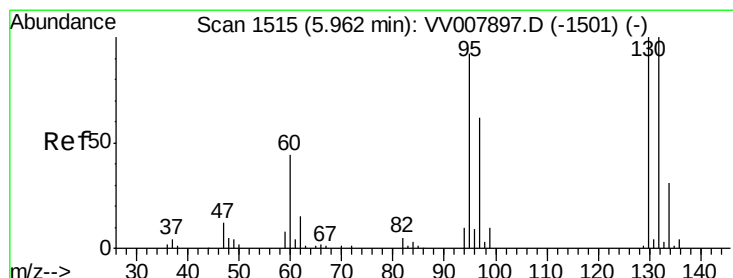
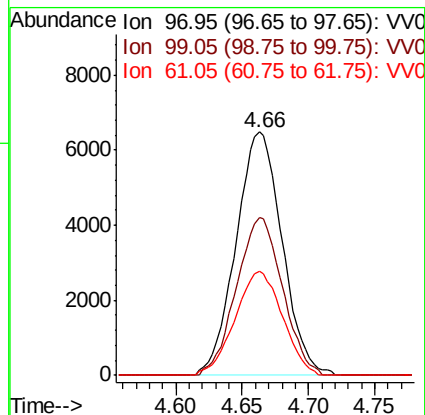
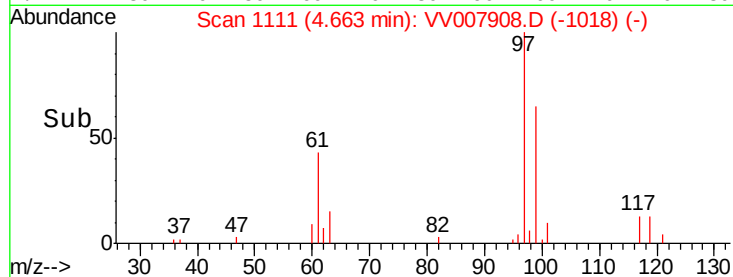
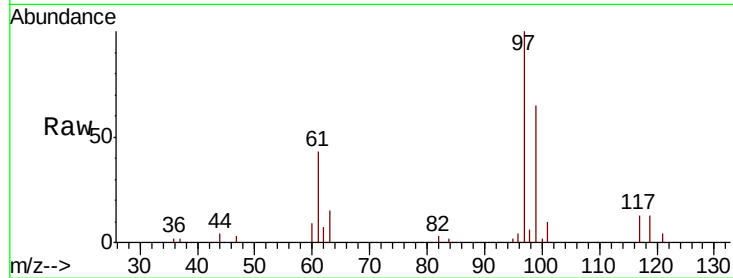




#29
1,1,1-Trichloroethane
Concen: 1.434 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV007908.D
Acq: 27 Sep 2018 15:18

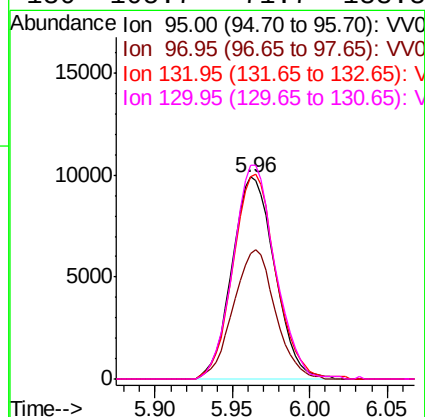
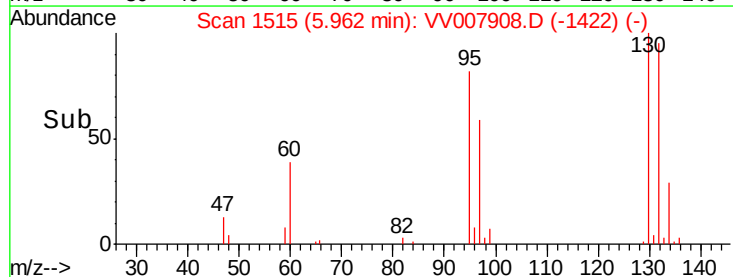
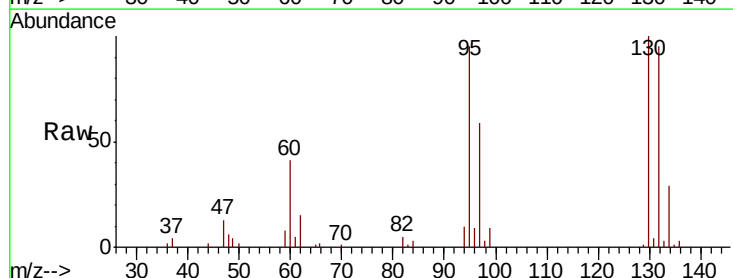
Instrument :
MSVOA_V
ClientSampleId :
BE9F9

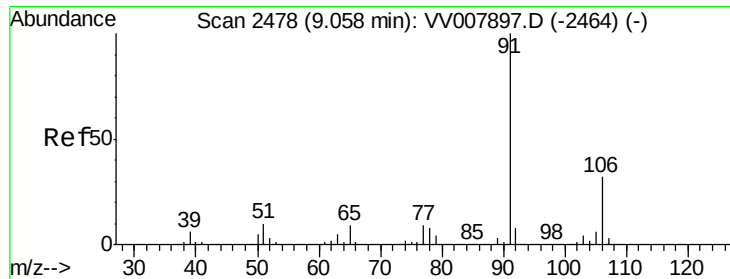
Tot Ion: 97 Resp: 15702
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 43.7 34.6 52.0



#34
Trichloroethene
Concen: 2.545 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007908.D
Acq: 27 Sep 2018 15:18

Tgt Ion: 95 Resp: 18997
Ion Ratio Lower Upper
95 100
97 62.2 43.6 81.0
132 100.4 69.9 129.9
130 105.7 71.7 133.3





#52

Ethylbenzene

Concen: 0.088 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV007908.D

Acq: 27 Sep 2018 15:18

Instrument :

MSVOA_V

ClientSampled :

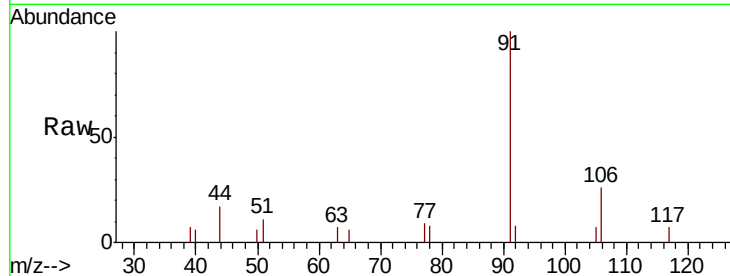
BE9F9

Tot Ion: 91 Resp: 2795

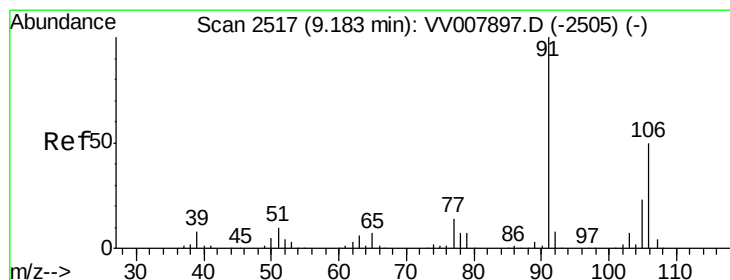
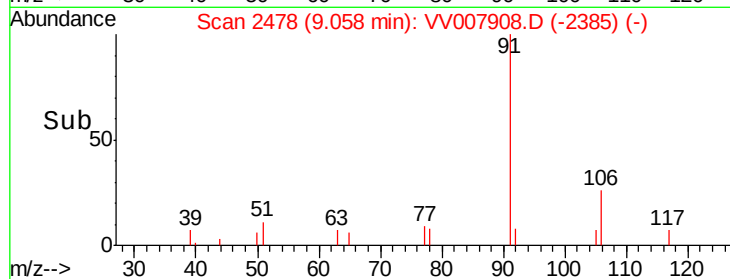
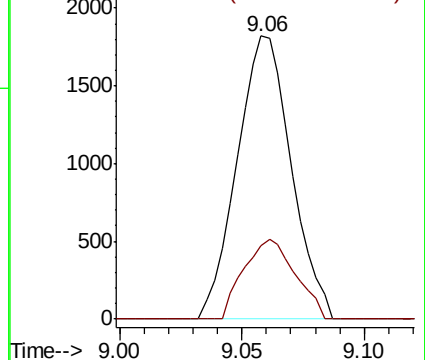
Ion Ratio Lower Upper

91 100

106 25.8 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV007897.D (-2464) (-)



#53

m,p-xylene

Concen: 0.170 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV007908.D

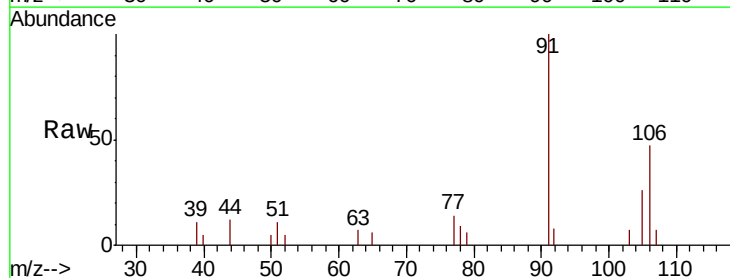
Acq: 27 Sep 2018 15:18

Tgt Ion: 106 Resp: 2053

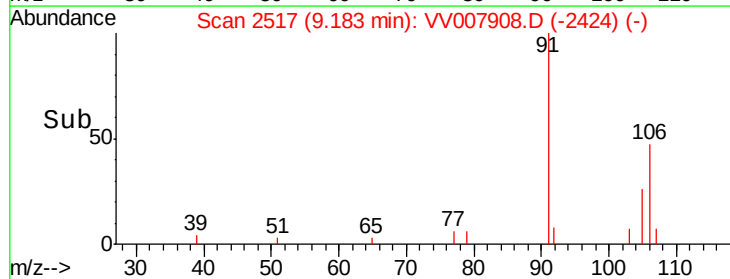
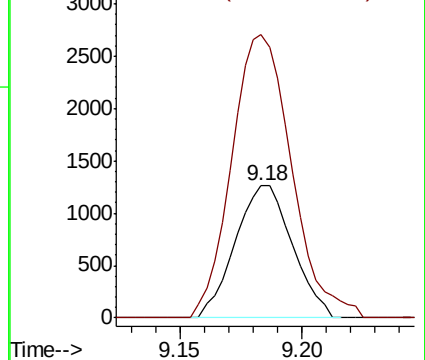
Ion Ratio Lower Upper

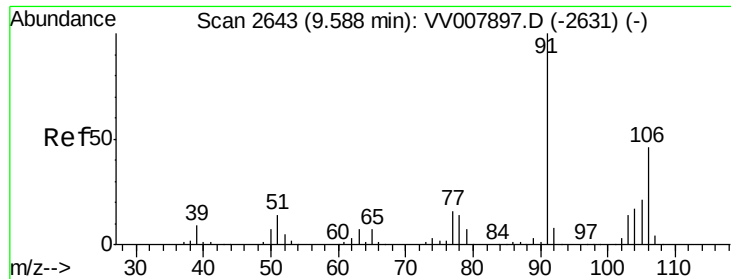
106 100

91 214.4 139.4 258.8



Abundance Ion 106.15 (105.85 to 106.85): VV007897.D (-2505) (-)





#54
 o-xylene
 Concen: 0.107 ug/L
 RT: 9.59 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VV007908.D
 Acq: 27 Sep 2018 15:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9F9

Tot Ion:106 Resp: 1250
 Ion Ratio Lower Upper
 106 100
 91 255.2 150.1 278.9

