

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007258.D
 Acq On : 29 Aug 2018 15:22
 Operator : SY/MD
 Sample : J4649-06DL 4X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 04:44:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 04:42:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	237601	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	243453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100936	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70701	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	64714	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	98564	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.97	46	235185	55.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.70%
24) Chloroform-d	4.41	84	164080	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.09	65	86109	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	306752	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.12	67	106548	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.37	98	230993	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.67	79	34167	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.15	63	87764	41.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84899	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	94576	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

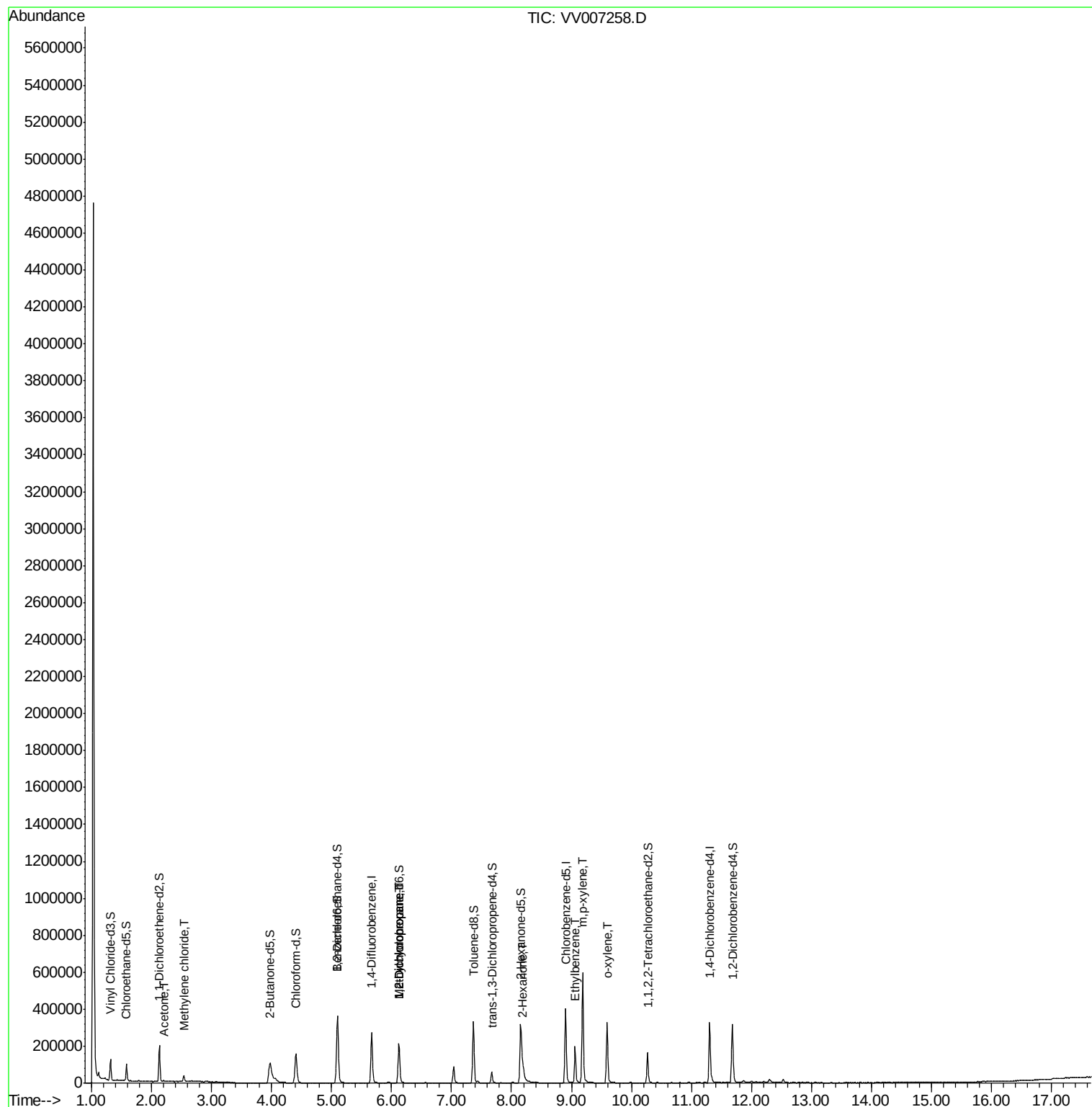
					Ovalue
13) Acetone	2.21	43	4185	1.982	ug/L 99
16) Methylene chloride	2.54	84	15772	0.905	ug/L 90
35) Methylcyclohexane	6.12	83	25385	0.954	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	11589	0.605	ug/L # 85
48) 2-Hexanone	8.20	43	26232	3.506	ug/L # 87
52) Ethylbenzene	9.06	91	140193	1.971	ug/L 97
53) m,p-xylene	9.19	106	178327	6.584	ug/L 96
54) o-xylene	9.59	106	90693	3.598	ug/L 99

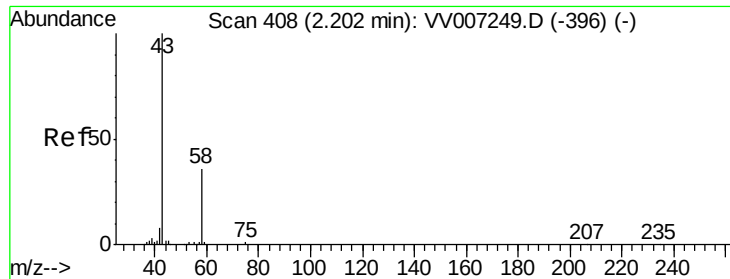
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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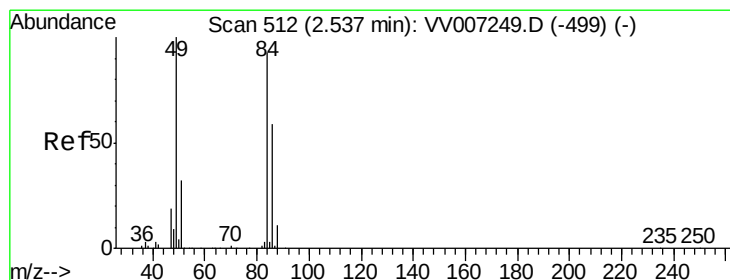
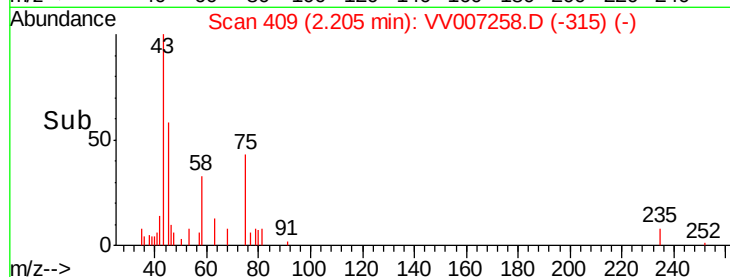
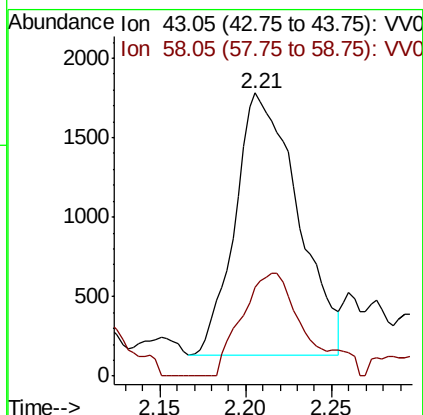
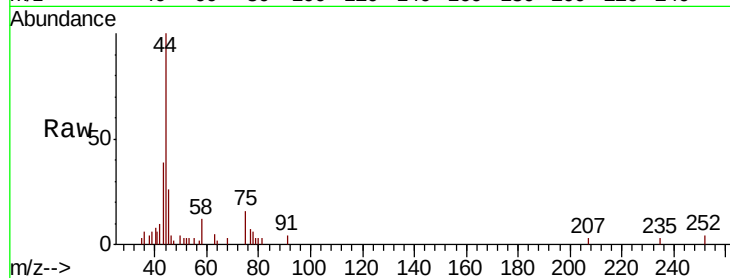




#13
Acetone
Concen: 1.982 ug/L
RT: 2.21 min Scan# 409
Delta R.T. 0.00 min
Lab File: VV007258.D
Acq: 29 Aug 2018 15:22

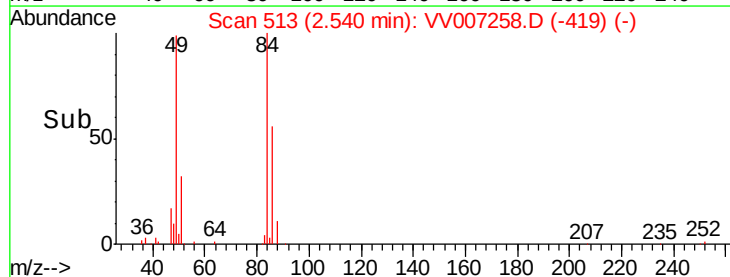
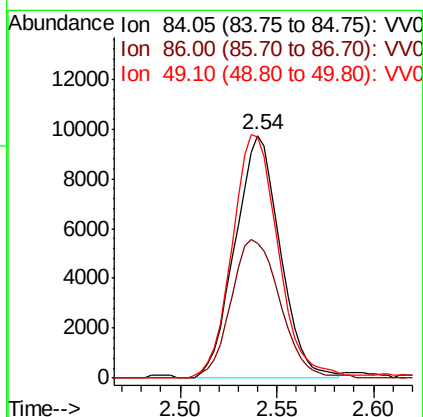
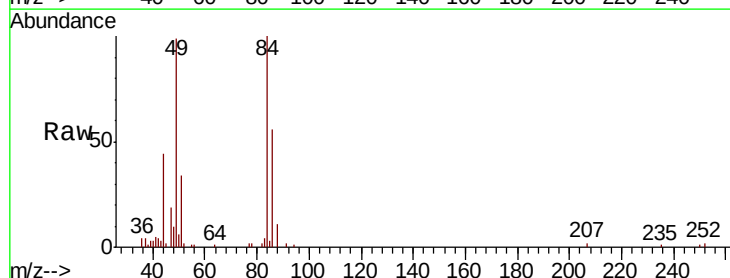
Instrument :
MSVOA_V
ClientSampled :

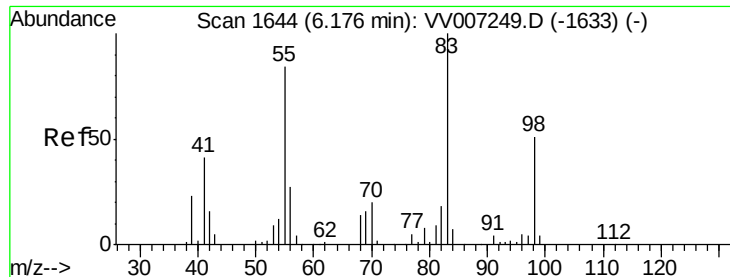
Tot Ion: 43 Resp: 4185
Ion Ratio Lower Upper
43 100
58 35.9 0.0 70.2



#16
Methylene chloride
Concen: 0.905 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV007258.D
Acq: 29 Aug 2018 15:22

Tgt Ion: 84 Resp: 15772
Ion Ratio Lower Upper
84 100
86 55.6 46.3 85.9
49 99.4 75.2 139.6

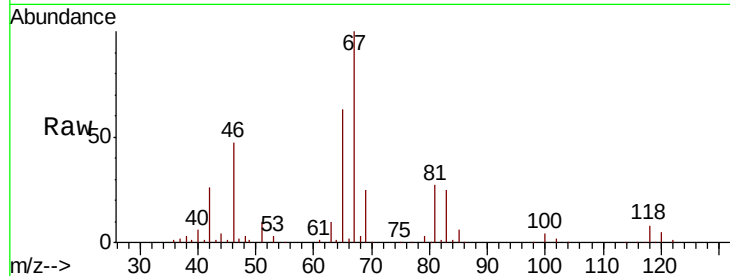




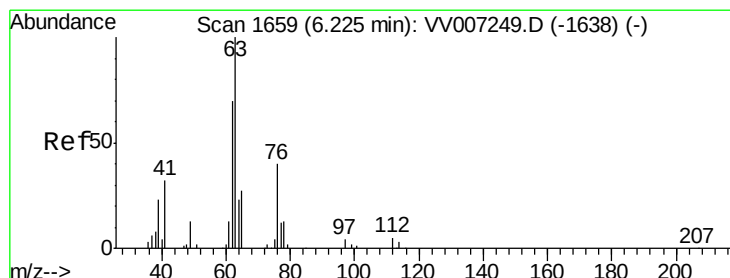
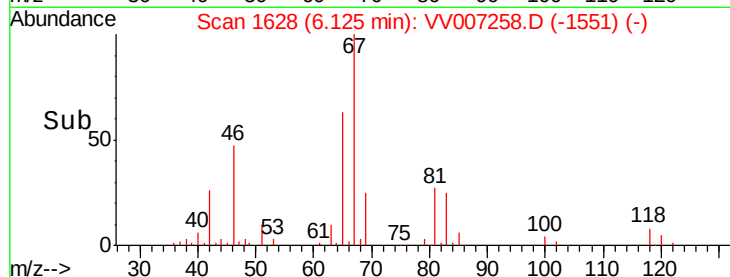
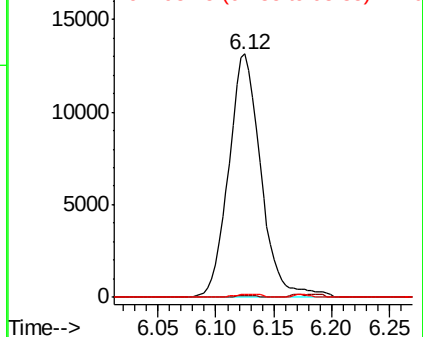
#35
Methylvlcyclohexane
Concen: 0.954 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007258.D
Acq: 29 Aug 2018 15:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 25385
Ion Ratio Lower Upper
83 100
55 0.5 64.0 96.0#
98 1.1 38.8 58.2#

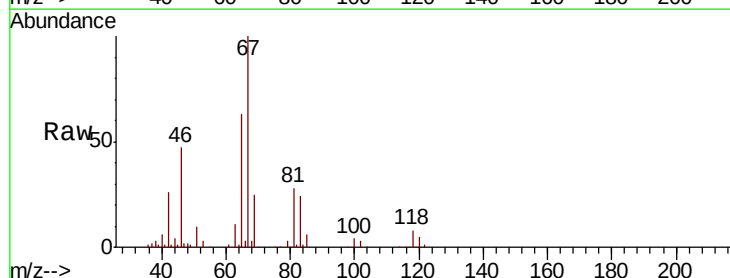


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

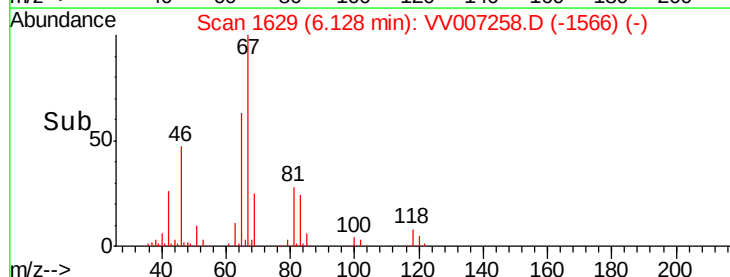
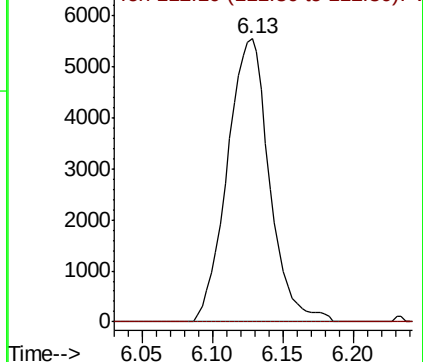


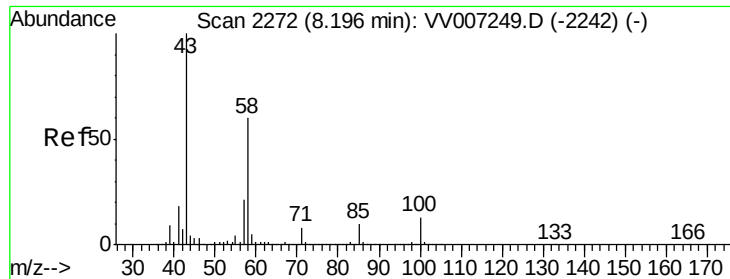
#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV007258.D
Acq: 29 Aug 2018 15:22

Tgt Ion: 63 Resp: 11589
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

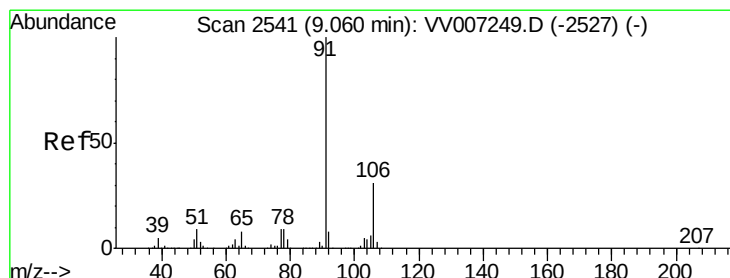
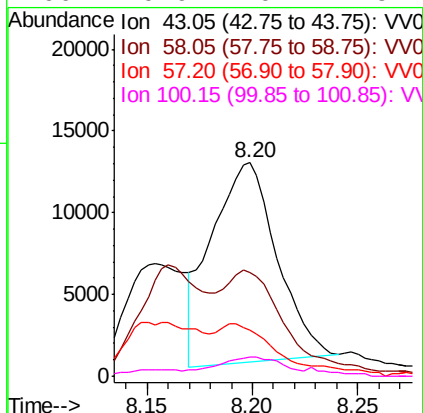
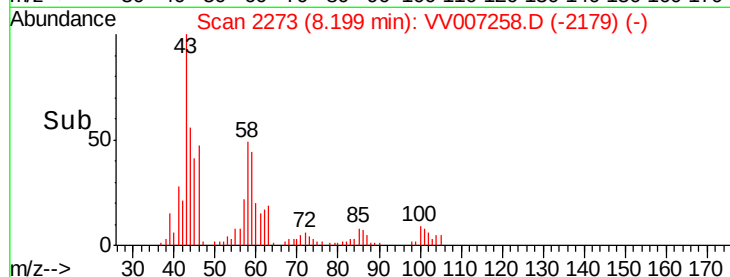
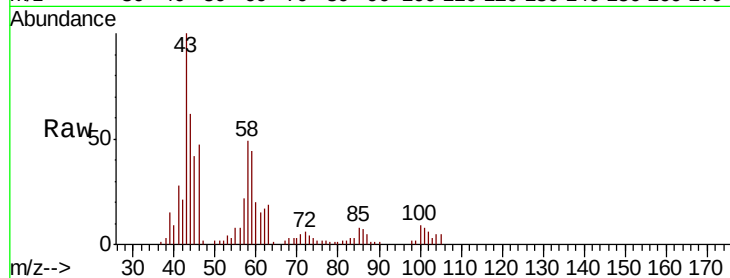




#48
2-Hexanone
Concen: 3.506 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007258.D
Acq: 29 Aug 2018 15:22

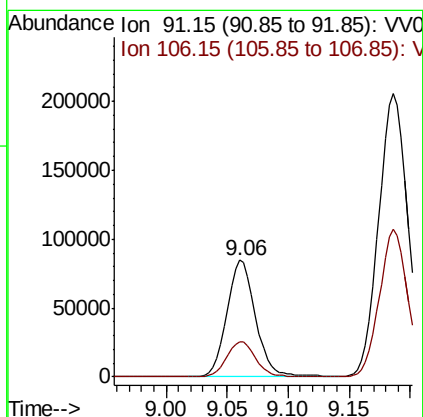
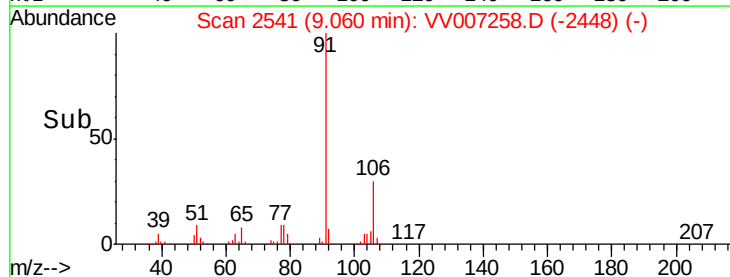
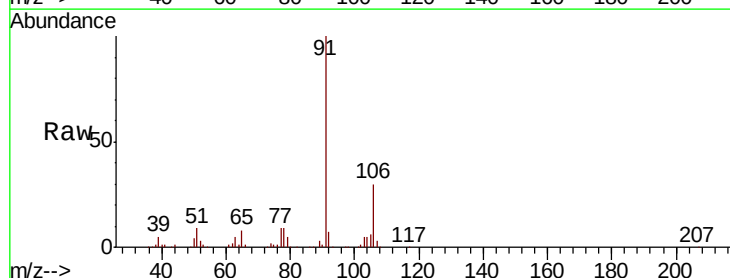
Instrument :
MSVOA_V
ClientSampleId :

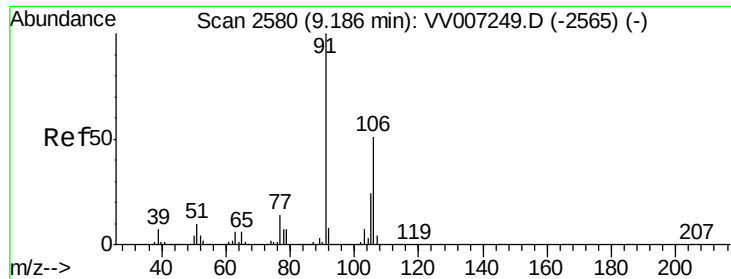
Tot Ion: 43 Resp: 26232
Ion Ratio Lower Upper
43 100
58 50.8 50.0 75.0
57 25.4 16.6 25.0#
100 9.9 10.2 15.4#



#52
Ethylbenzene
Concen: 1.971 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV007258.D
Acq: 29 Aug 2018 15:22

Tgt Ion: 91 Resp: 140193
Ion Ratio Lower Upper
91 100
106 30.4 22.3 41.3





#53

m,p-xylene

Concen: 6.584 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV007258.D

Acq: 29 Aug 2018 15:22

Instrument :

MSVOA_V

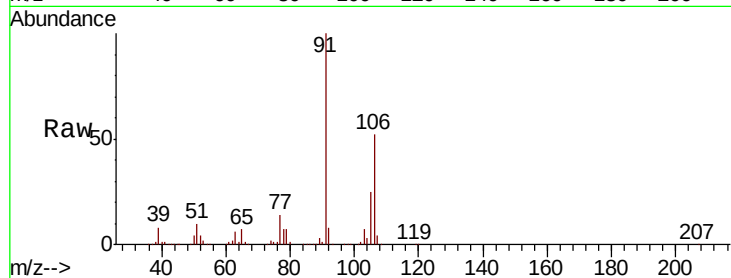
ClientSampleId :

Tot Ion:106 Resp: 178327

Ion Ratio Lower Upper

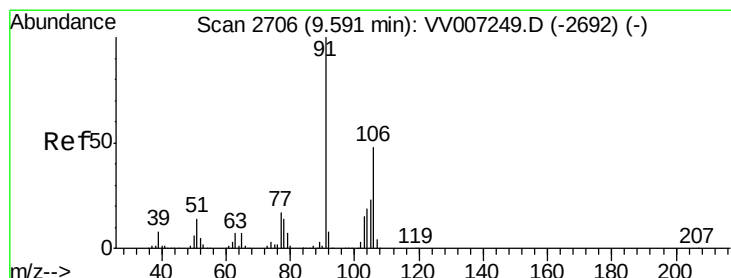
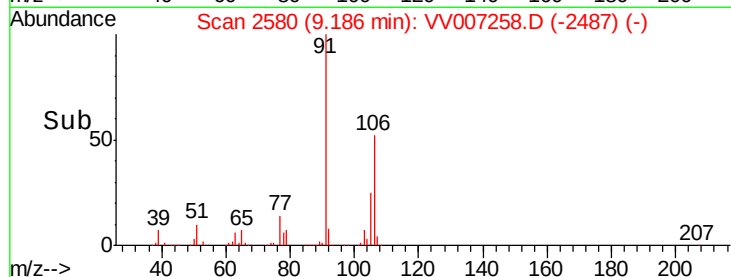
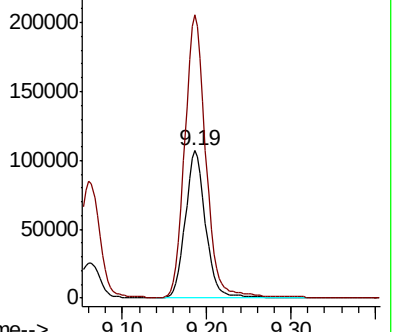
106 100

91 191.9 138.4 257.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 3.598 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV007258.D

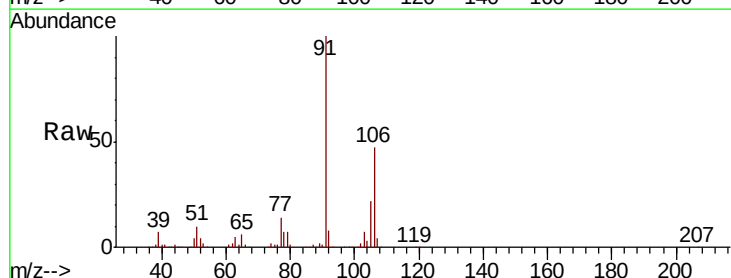
Acq: 29 Aug 2018 15:22

Tgt Ion:106 Resp: 90693

Ion Ratio Lower Upper

106 100

91 210.8 146.9 272.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

