

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006921.D
 Acq On : 08 Aug 2018 02:10
 Operator : SY/MD
 Sample : J4357-10
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:11:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	182614	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67504	6.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.40%
7) Chloroethane-d5	1.58	69	62343	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.13	63	92950	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	3.97	46	220827	63.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.42%
24) Chloroform-d	4.41	84	134275	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
26) 1,2-Dichloroethane-d4	5.09	65	76194	6.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.40%
32) Benzene-d6	5.10	84	258233	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
36) 1,2-Dichloropropane-d6	6.12	67	90389	5.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.00%
41) Toluene-d8	7.37	98	185474	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	22787	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.15	63	116148	55.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70578	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	64424	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

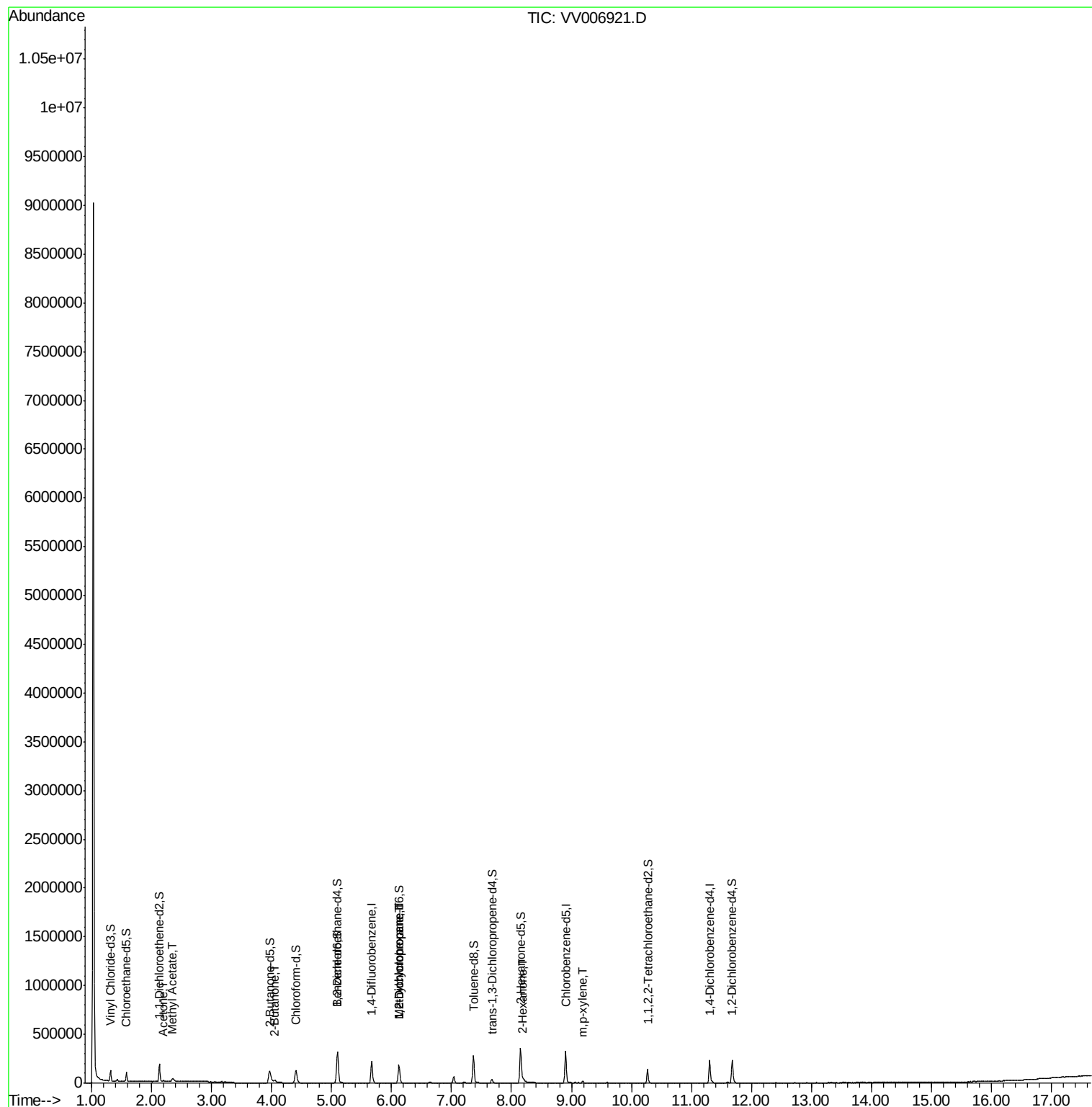
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	7491	3.285	ug/L	91
15) Methyl Acetate	2.35	43	12622	2.015	ug/L #	54
21) 2-Butanone	4.05	43	2876	0.766	ug/L #	62
35) Methylcyclohexane	6.13	83	21595	1.099	ug/L #	15
37) 1,2-Dichloropropane	6.13	63	9960	0.659	ug/L #	87
48) 2-Hexanone	8.20	43	7580	1.284	ug/L #	92
53) m,p-xylene	9.19	106	4236	0.234	ug/L	72

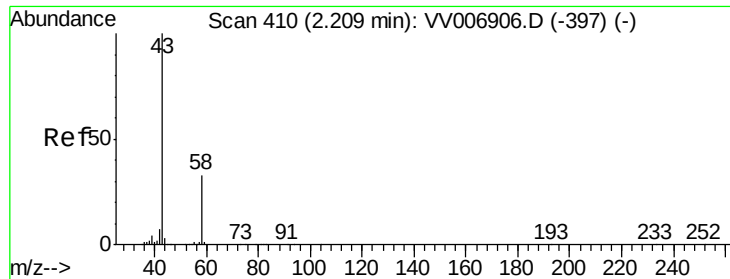
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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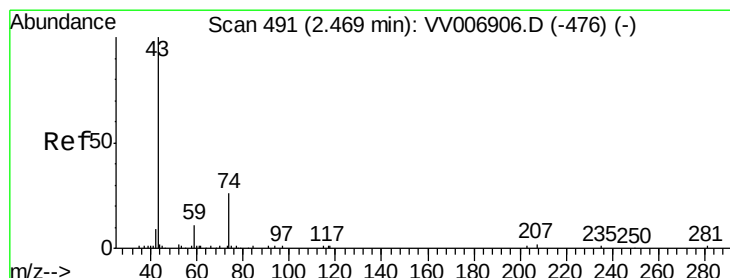
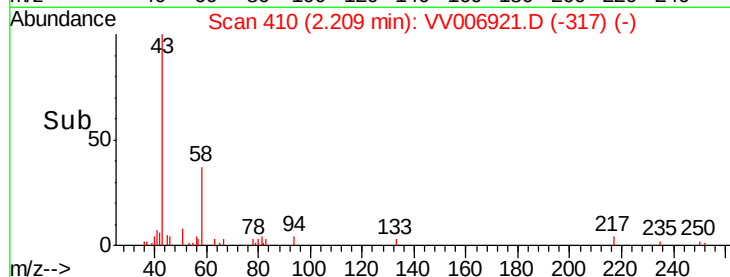
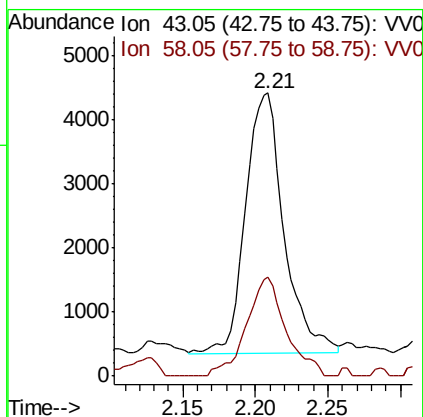
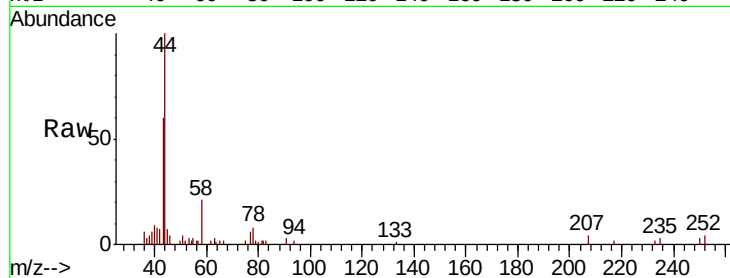




#13
Acetone
Concen: 3.285 ug/L
RT: 2.21 min Scan# 410
Delta R.T. -0.00 min
Lab File: VV006921.D
Acq: 08 Aug 2018 02:10

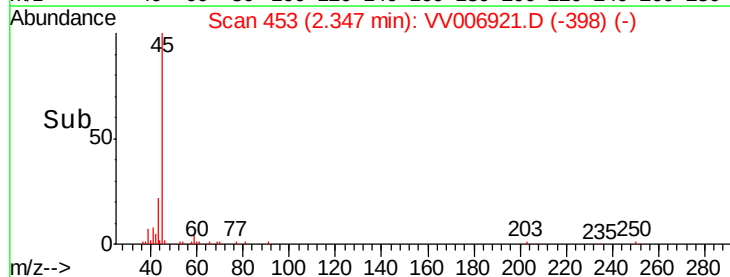
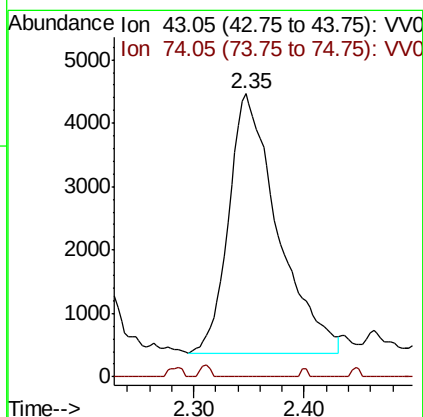
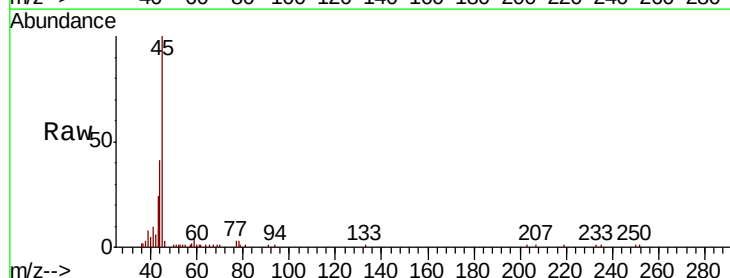
Instrument :
MSVOA_V
ClientSampleId :

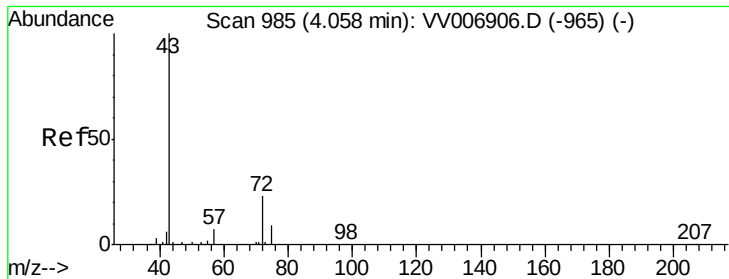
Tot Ion: 43 Resp: 7491
Ion Ratio Lower Upper
43 100
58 38.9 0.0 68.0



#15
Methyl Acetate
Concen: 2.015 ug/L
RT: 2.35 min Scan# 453
Delta R.T. -0.12 min
Lab File: VV006921.D
Acq: 08 Aug 2018 02:10

Tgt Ion: 43 Resp: 12622
Ion Ratio Lower Upper
43 100
74 0.9 18.6 27.8#

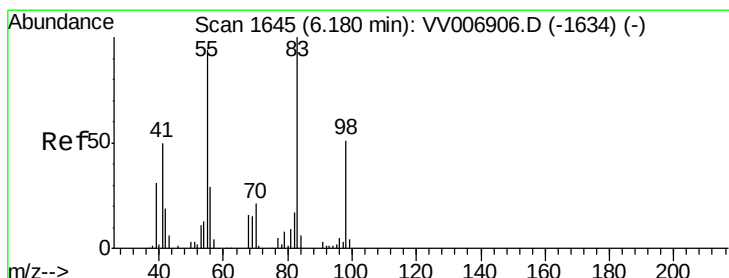
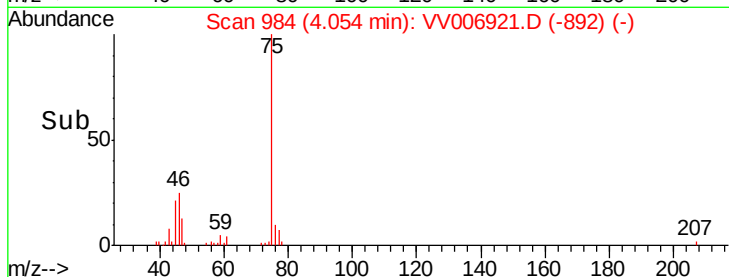
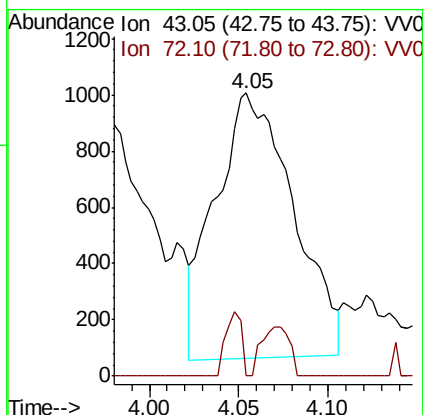
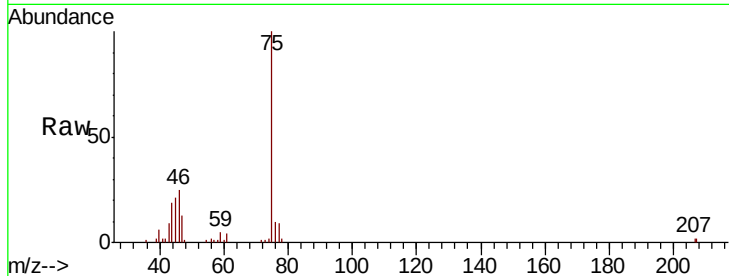




#21
 2-Butanone
 Concen: 0.766 ug/L
 RT: 4.05 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VV006921.D
 Acq: 08 Aug 2018 02:10

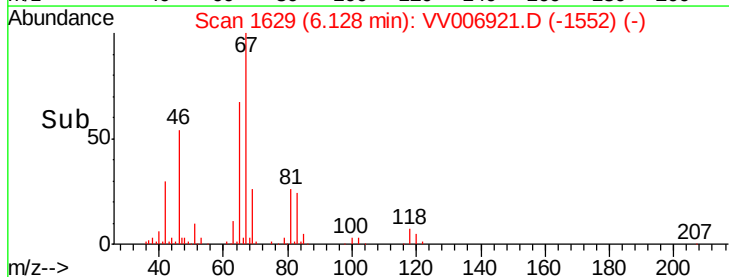
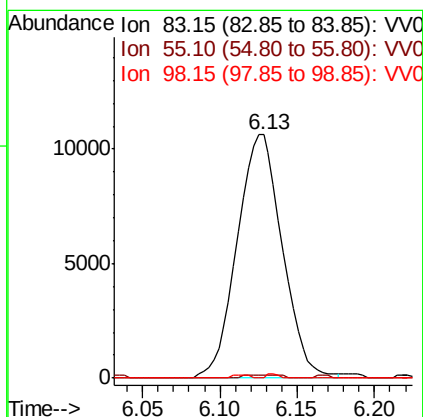
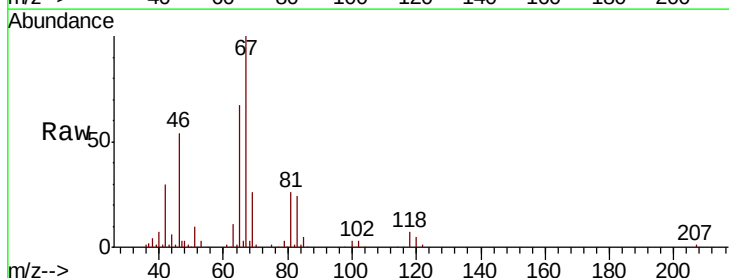
Instrument :
 MSVOA_V
 ClientSampleId :

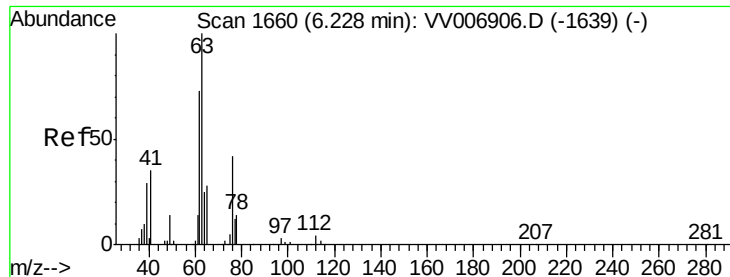
Tot Ion: 43 Resp: 2876
 Ion Ratio Lower Upper
 43 100
 72 4.9 11.9 35.5#



#35
 Methylcyclohexane
 Concen: 1.099 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.05 min
 Lab File: VV006921.D
 Acq: 08 Aug 2018 02:10

Tgt Ion: 83 Resp: 21595
 Ion Ratio Lower Upper
 83 100
 55 0.5 69.8 104.8#
 98 0.4 36.4 54.6#

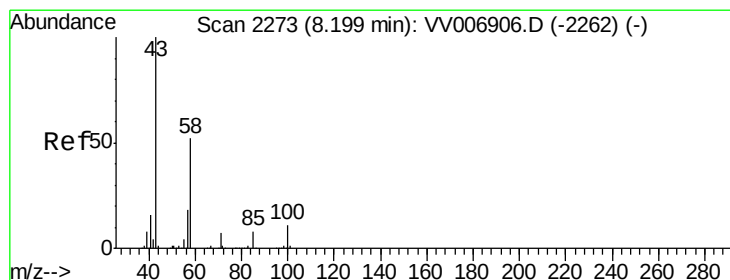
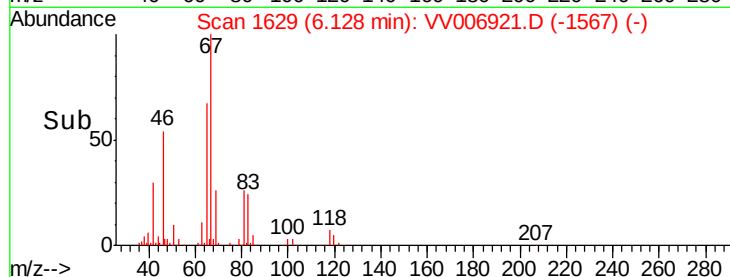
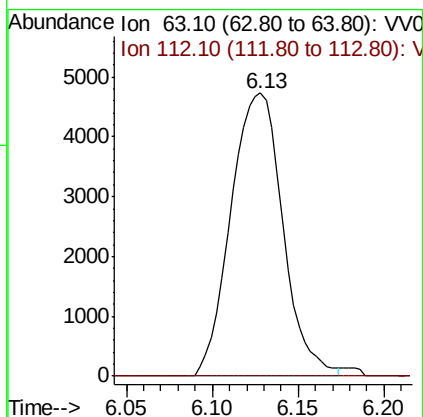
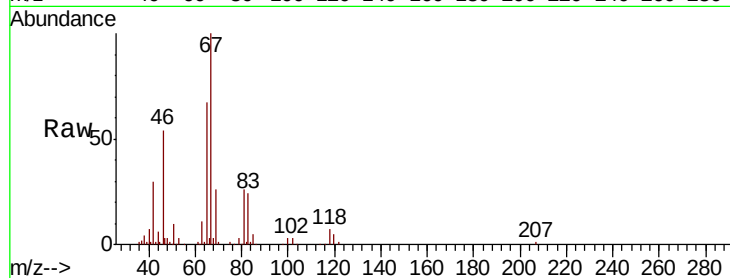




#37
 1,2-Dichloropropane
 Concen: 0.659 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006921.D
 Acq: 08 Aug 2018 02:10

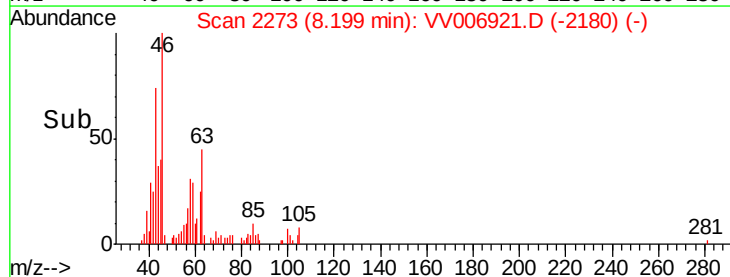
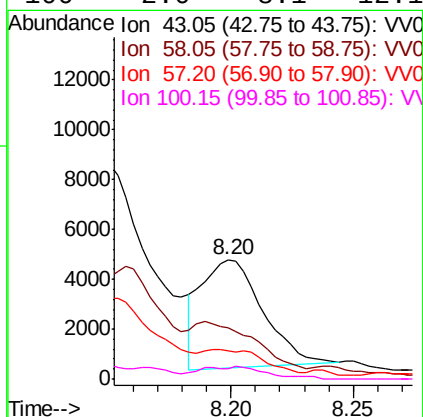
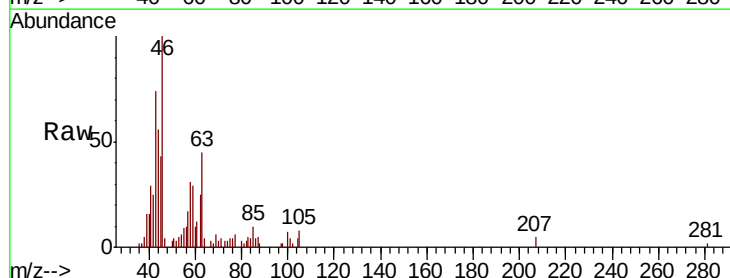
Instrument :
 MSVOA_V
 ClientSampled :

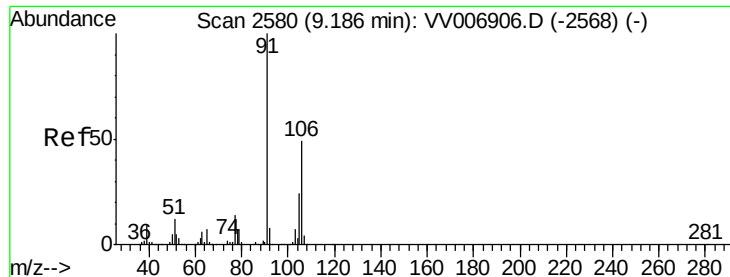
Tot Ion: 63 Resp: 9960
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 1.284 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VV006921.D
 Acq: 08 Aug 2018 02:10

Tgt Ion: 43 Resp: 7580
 Ion Ratio Lower Upper
 43 100
 58 53.8 42.0 63.0
 57 24.7 14.1 21.1#
 100 2.0 8.1 12.1#





#53

m,p-xylene

Concen: 0.234 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006921.D

Acq: 08 Aug 2018 02:10

Instrument :

MSVOA_V

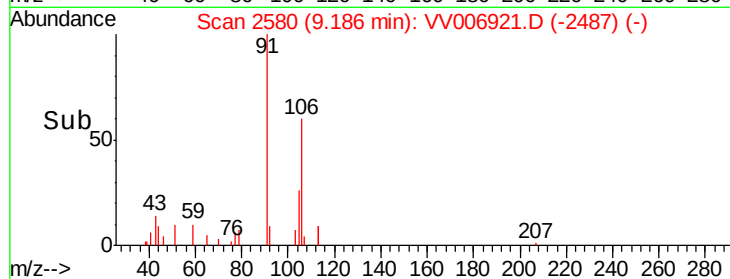
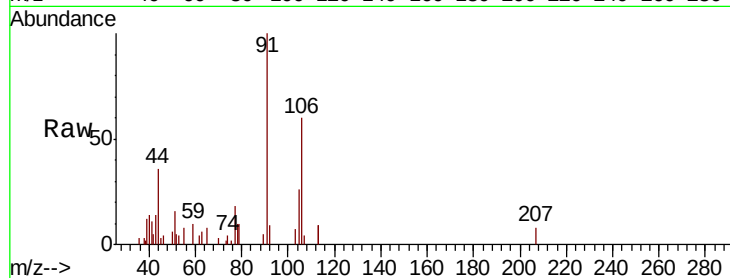
ClientSampleId :

Tot Ion:106 Resp: 4236

Ion Ratio Lower Upper

106 100

91 167.5 147.7 274.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

