

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006892.D
 Acq On : 04 Aug 2018 19:39
 Operator : SY/MD
 Sample : J4227-03DL 20X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:25:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 03:23:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	276847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98283	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.58	69	92710	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	145836	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.98	46	284839	61.25	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.50%
24) Chloroform-d	4.41	84	187070	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.09	65	98283	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	351225	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	121050	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.37	98	263504	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	37675	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.15	63	164824	43.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	99650	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	92865	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

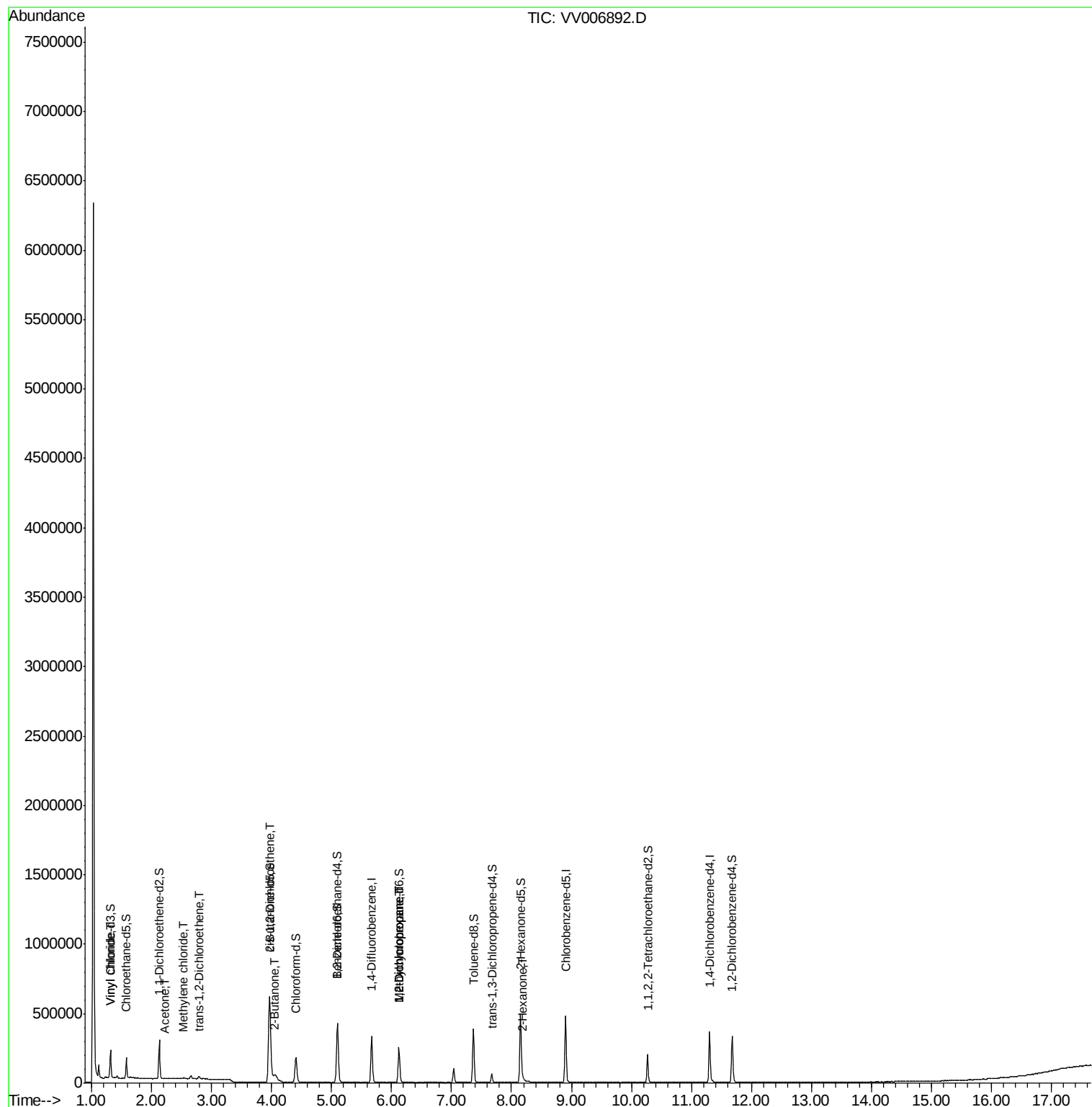
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	22163	0.892	ug/L	93
13) Acetone	2.22	43	2252	0.687	ug/L	90
16) Methylene chloride	2.54	84	4350	0.206	ug/L	84
18) trans-1,2-Dichloroethene	2.79	96	7750	0.402	ug/L	94
21) 2-Butanone	4.06	43	1567	0.313	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	282217	13.639	ug/L	97
35) Methylcyclohexane	6.12	83	29281	0.869	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	12761	0.583	ug/L #	89
48) 2-Hexanone	8.20	43	3154	0.384	ug/L #	89

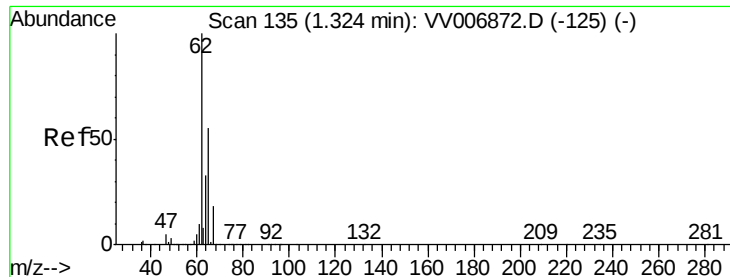
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 06 03:23:10 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.892 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006892.D

Acq: 04 Aug 2018 19:39

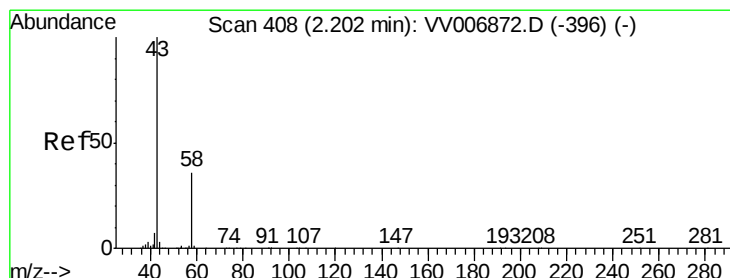
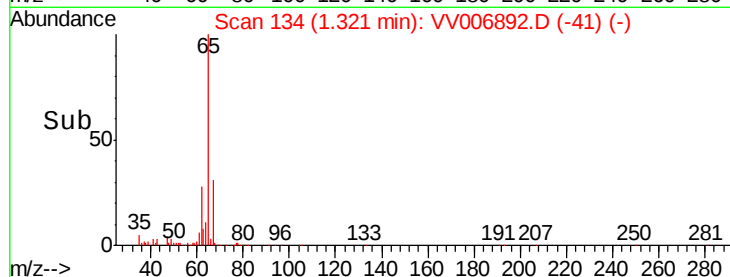
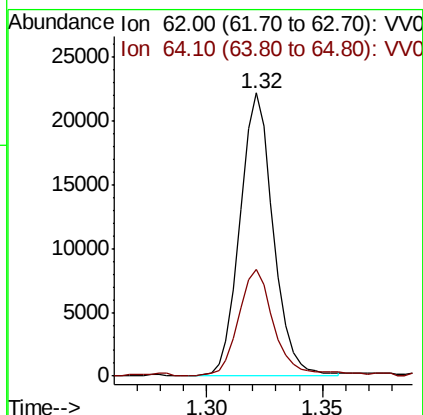
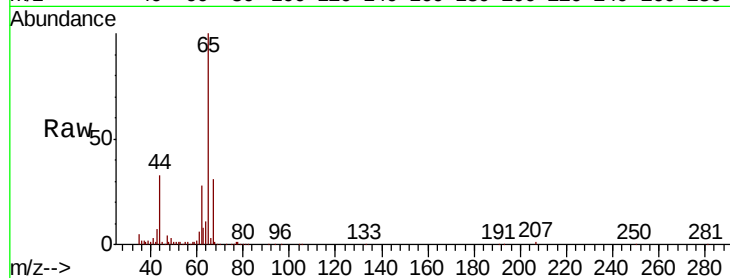
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 22163

Ion Ratio Lower Upper

62 100

64 37.5 23.7 43.9



#13

Acetone

Concen: 0.687 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.02 min

Lab File: VV006892.D

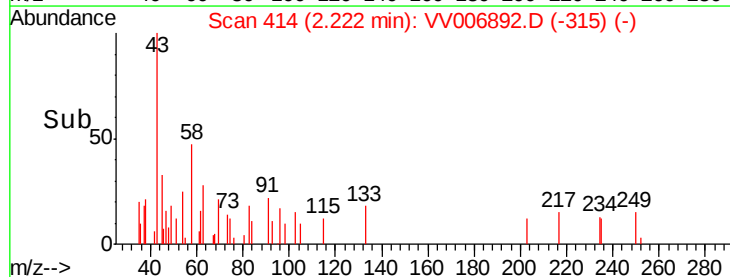
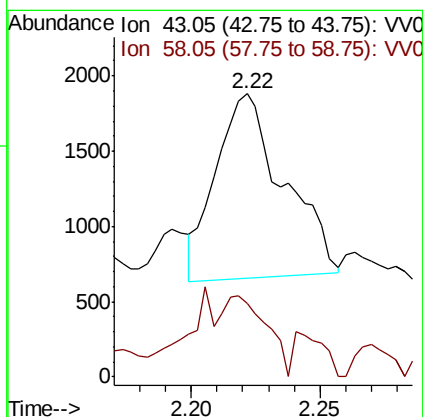
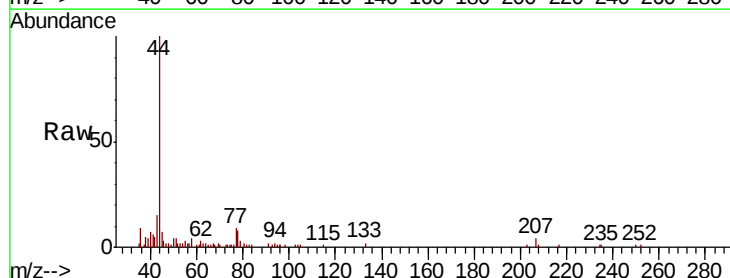
Acq: 04 Aug 2018 19:39

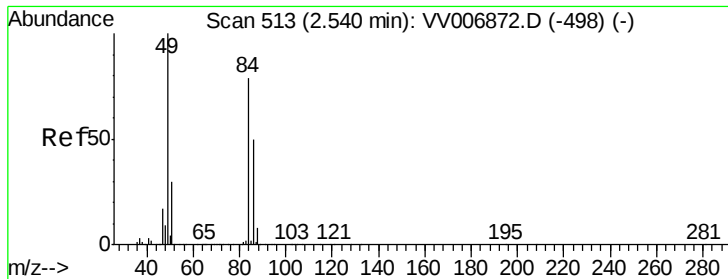
Tgt Ion: 43 Resp: 2252

Ion Ratio Lower Upper

43 100

58 28.5 0.0 69.0

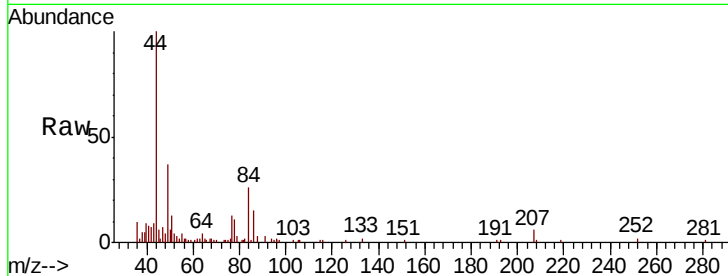




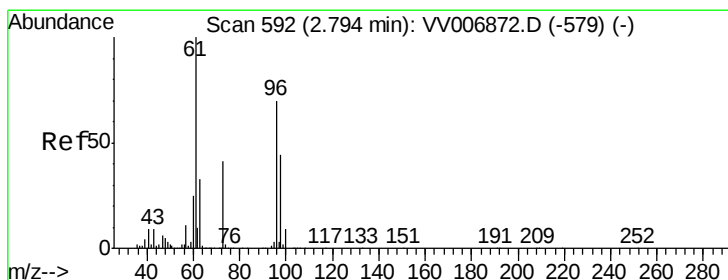
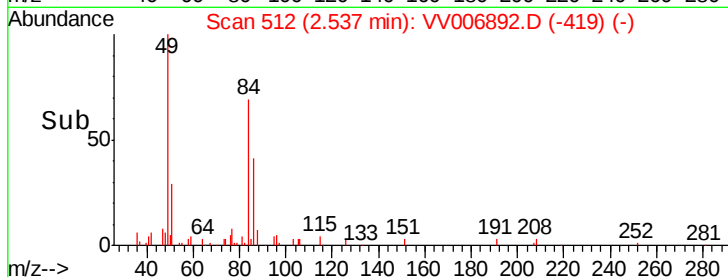
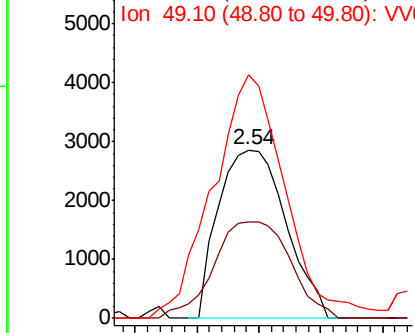
#16
Methvlene chloride
Concen: 0.206 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006892.D
Acq: 04 Aug 2018 19:39

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 4350
Ion Ratio Lower Upper
84 100
86 57.5 43.8 81.3
49 144.7 85.3 158.5

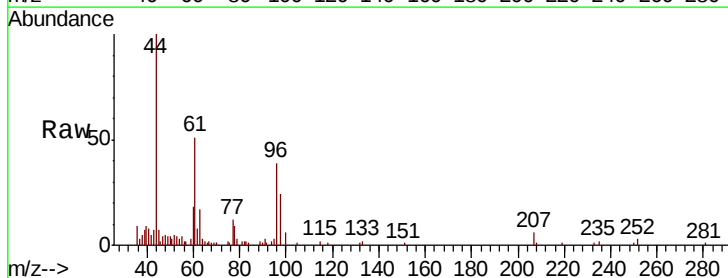


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

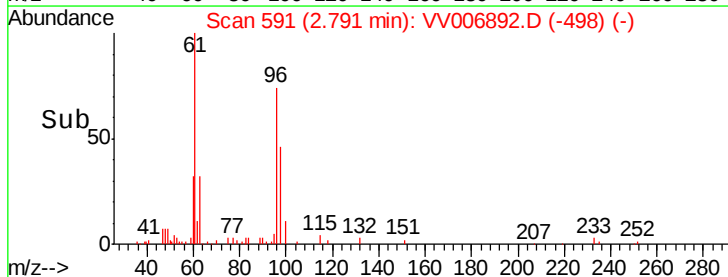
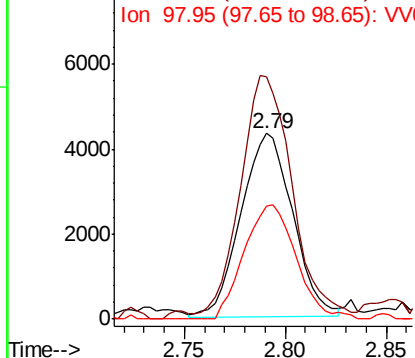


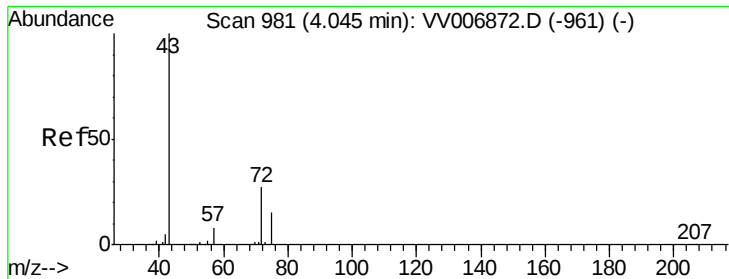
#18
trans-1,2-Dichloroethene
Concen: 0.402 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006892.D
Acq: 04 Aug 2018 19:39

Tgt Ion: 96 Resp: 7750
Ion Ratio Lower Upper
96 100
61 130.6 99.0 183.8
98 60.7 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0





#21

2-Butanone

Concen: 0.313 ug/L

RT: 4.06 min Scan# 987

Delta R.T. 0.02 min

Lab File: VV006892.D

Acq: 04 Aug 2018 19:39

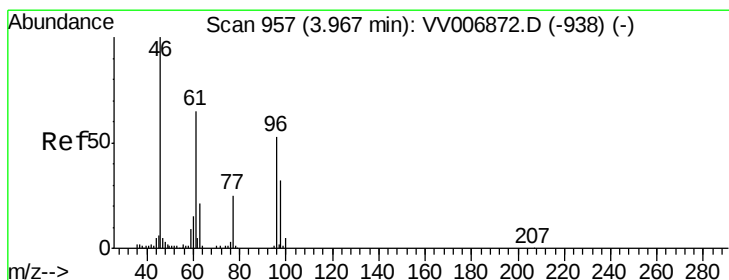
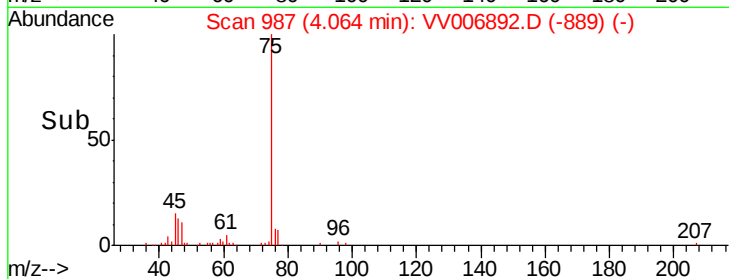
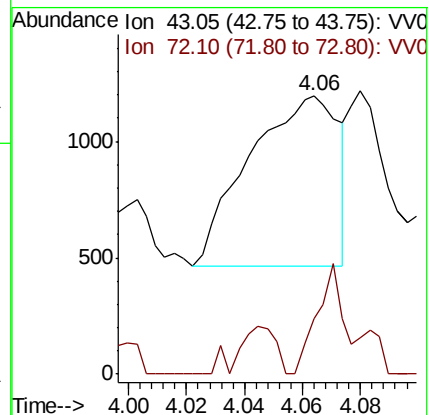
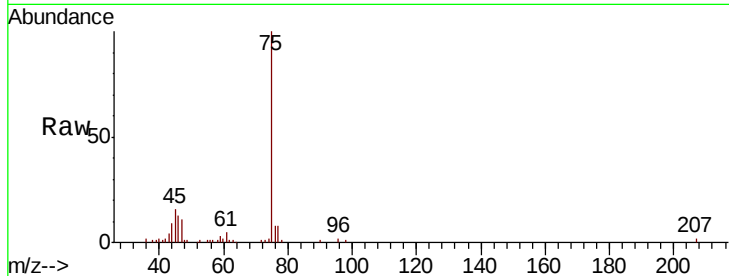
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1567

Ion Ratio Lower Upper

43 100

72 25.0 13.4 40.1



#22

cis-1,2-Dichloroethene

Concen: 13.639 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006892.D

Acq: 04 Aug 2018 19:39

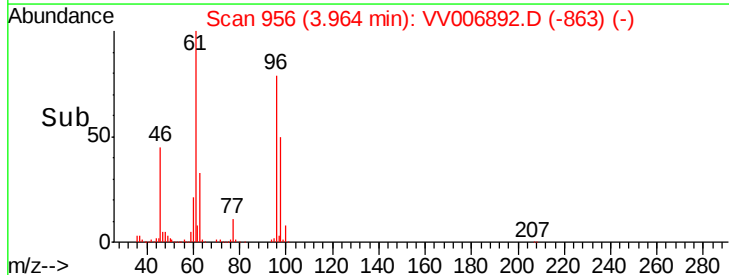
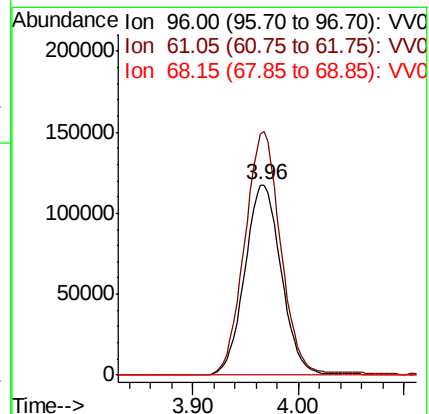
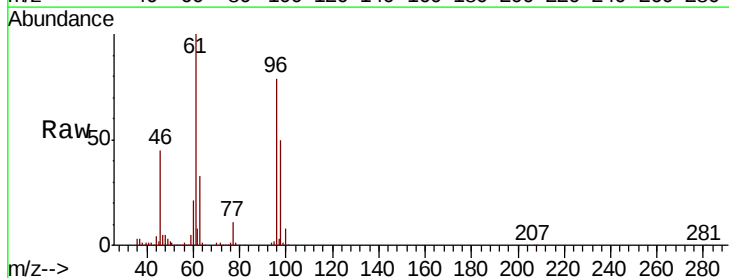
Tgt Ion: 96 Resp: 282217

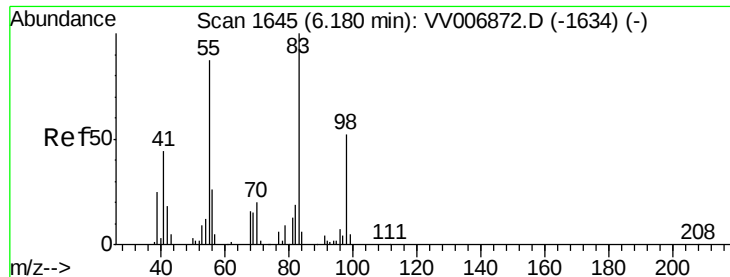
Ion Ratio Lower Upper

96 100

61 127.0 86.6 160.8

68 0.0 0.0 0.0





#35

Methvlcvclohexane

Concen: 0.869 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006892.D

Acq: 04 Aug 2018 19:39

Instrument :
MSVOA_V
ClientSampleId :

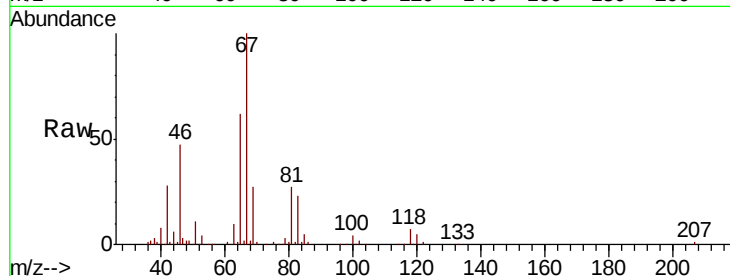
Tot Ion: 83 Resp: 29281

Ion Ratio Lower Upper

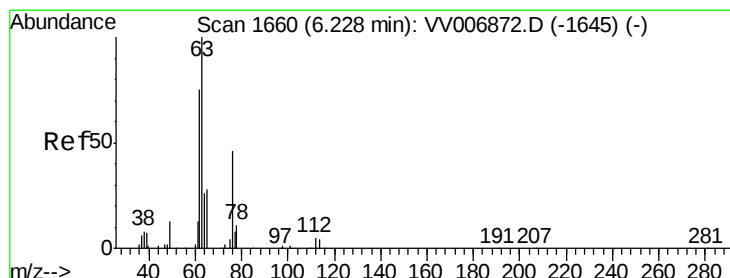
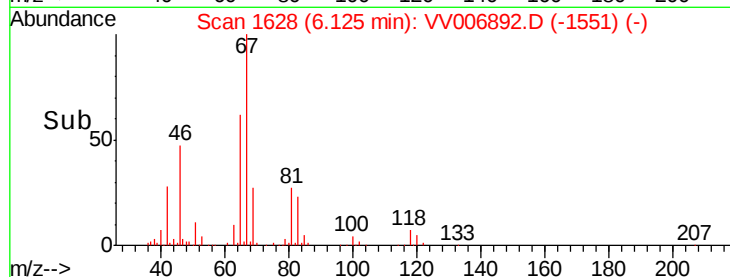
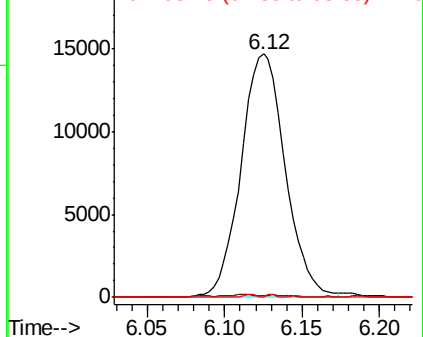
83 100

55 0.5 61.8 92.6#

98 0.2 37.2 55.8#



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: 0.583 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006892.D

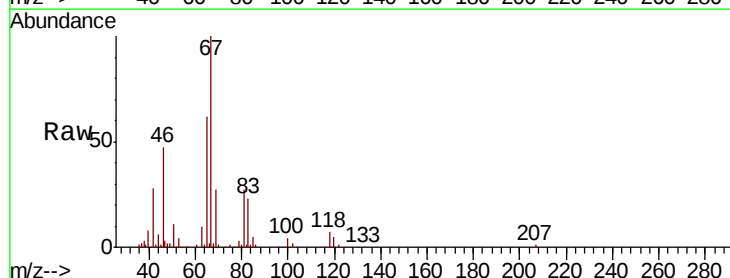
Acq: 04 Aug 2018 19:39

Tgt Ion: 63 Resp: 12761

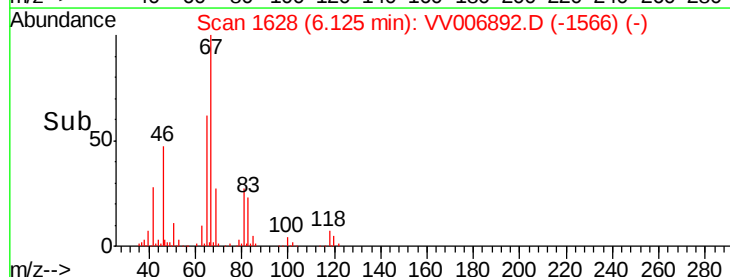
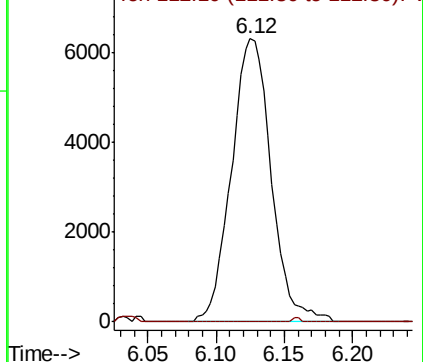
Ion Ratio Lower Upper

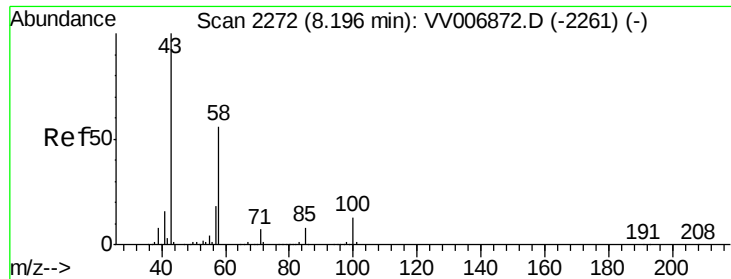
63 100

112 0.3 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 0.384 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV006892.D

Acq: 04 Aug 2018 19:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3154

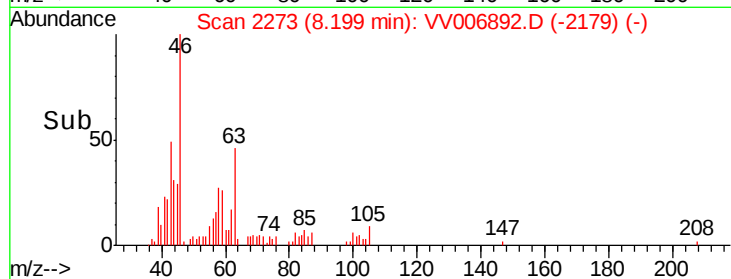
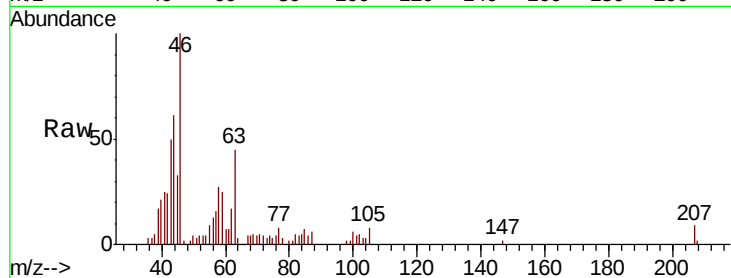
Ion Ratio Lower Upper

43 100

58 66.0 45.4 68.0

57 17.9 15.4 23.2

100 7.6 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

