

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006811.D
 Acq On : 02 Aug 2018 16:46
 Operator : SY/MD
 Sample : J4225-20DL 20X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:58:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	253457	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	228030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96821	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87377	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.57	69	75491	4.95	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.12	63	120994	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.95	46	259709	61.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.00%
24) Chloroform-d	4.40	84	151854	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	82885	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	319022	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.12	67	104844	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	259206	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	35401	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.14	63	180457	56.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83042	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	92516	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

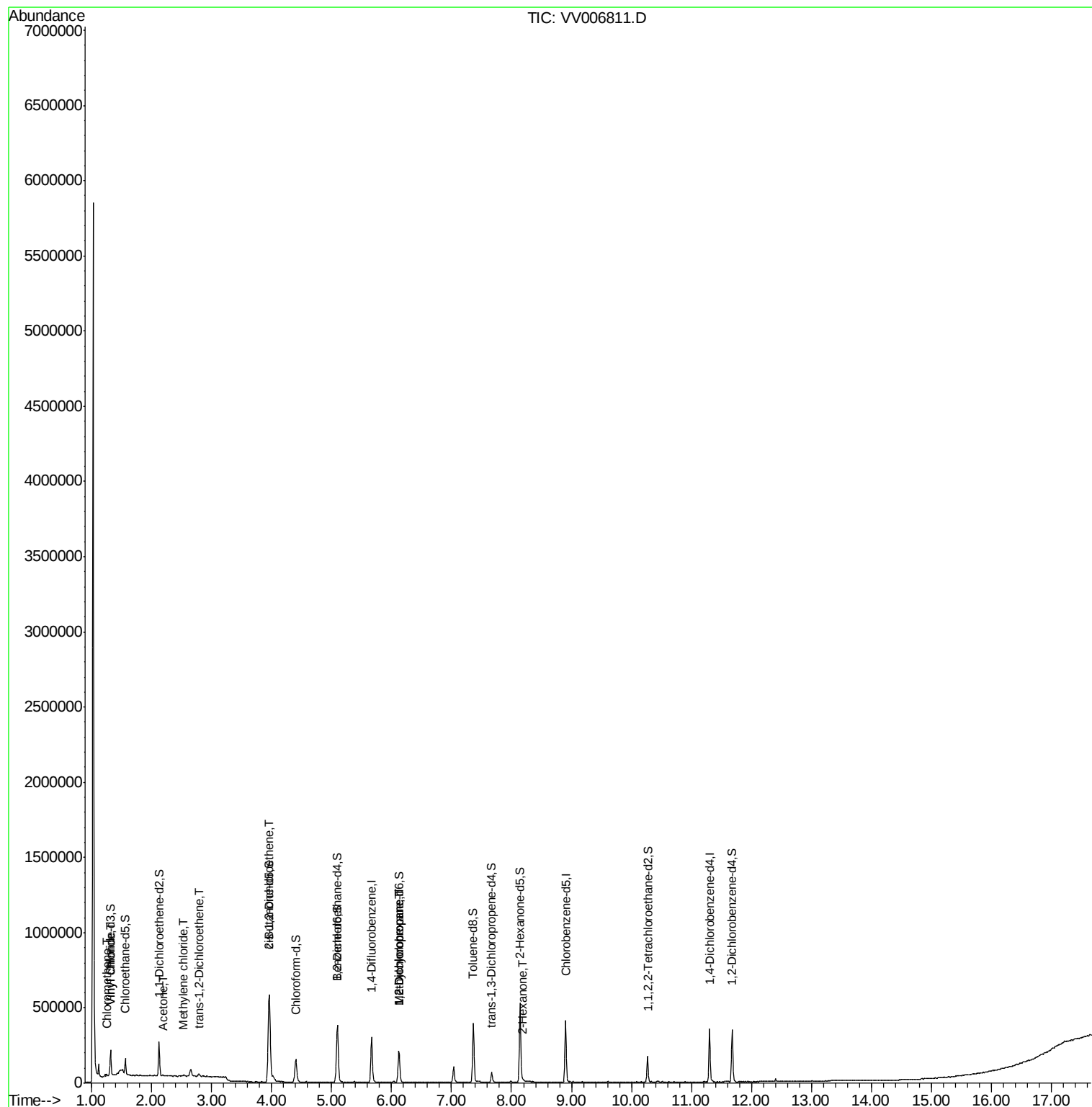
					Ovalue
3) Chloromethane	1.25	50	15375	0.525 ug/L	98
5) Vinyl chloride	1.32	62	20001	0.880 ug/L	98
13) Acetone	2.19	43	2540	0.846 ug/L	89
16) Methylene chloride	2.53	84	4360	0.225 ug/L #	70
18) trans-1,2-Dichloroethene	2.79	96	6688	0.379 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	246293	13.001 ug/L	99
35) Methylcyclohexane	6.12	83	24263	0.857 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10891	0.593 ug/L #	89
48) 2-Hexanone	8.19	43	4510	0.654 ug/L #	88

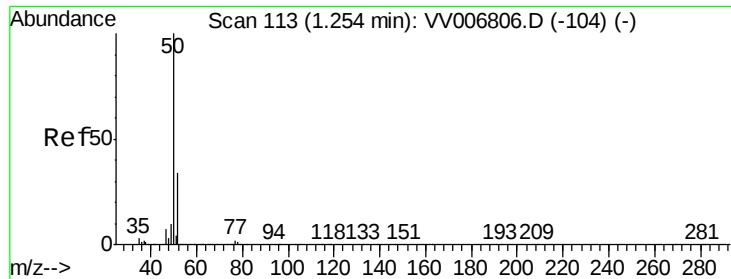
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.525 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006811.D

Acq: 02 Aug 2018 16:46

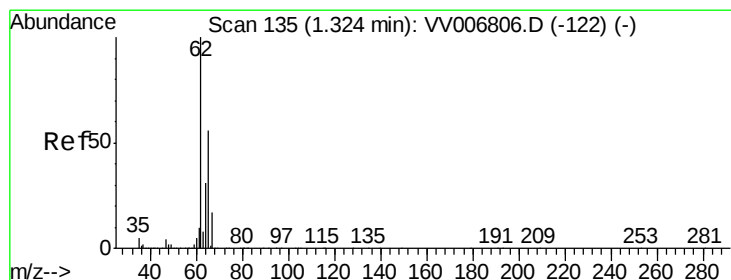
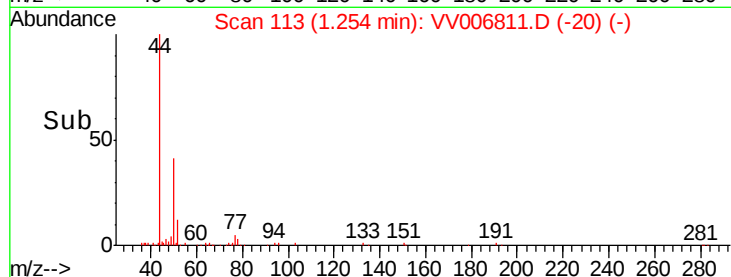
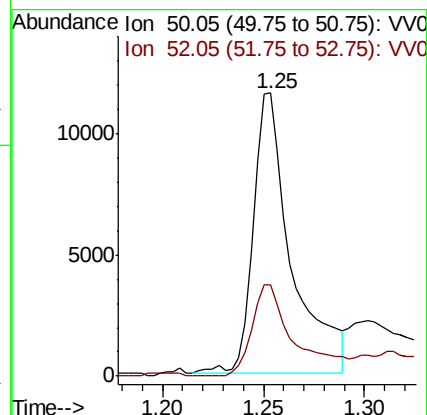
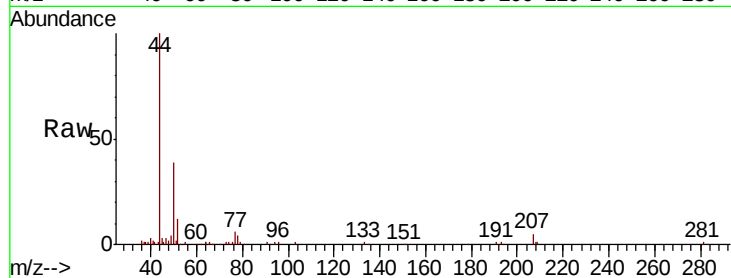
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 15375

Ion Ratio Lower Upper

50 100

52 32.1 23.3 43.3



#5

Vinyl chloride

Concen: 0.880 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006811.D

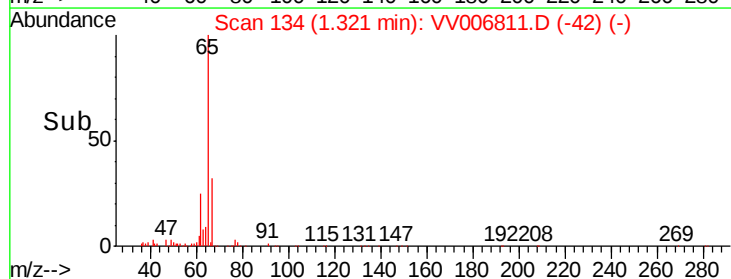
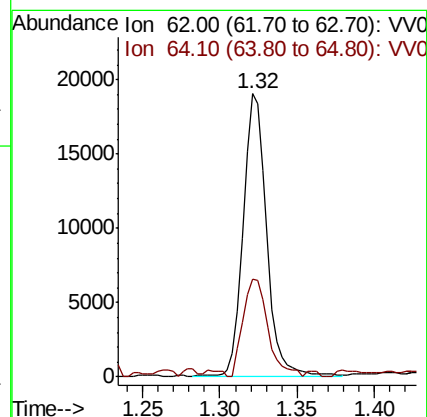
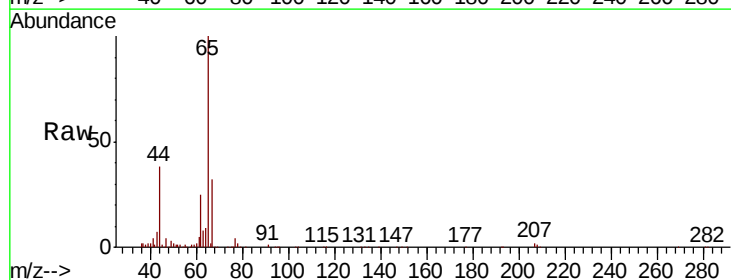
Acq: 02 Aug 2018 16:46

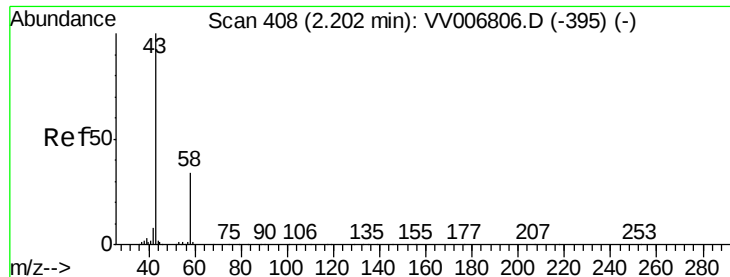
Tgt Ion: 62 Resp: 20001

Ion Ratio Lower Upper

62 100

64 34.7 23.7 43.9





#13

Acetone

Concen: 0.846 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.01 min

Lab File: VV006811.D

Acq: 02 Aug 2018 16:46

Instrument :

MSVOA_V

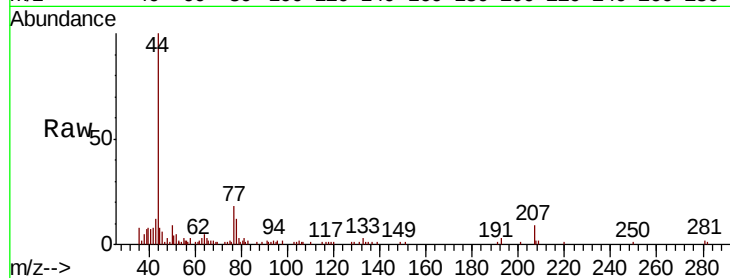
ClientSampled :

Tot Ion: 43 Resp: 2540

Ion Ratio Lower Upper

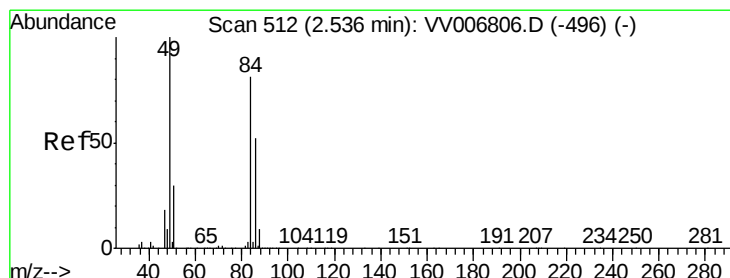
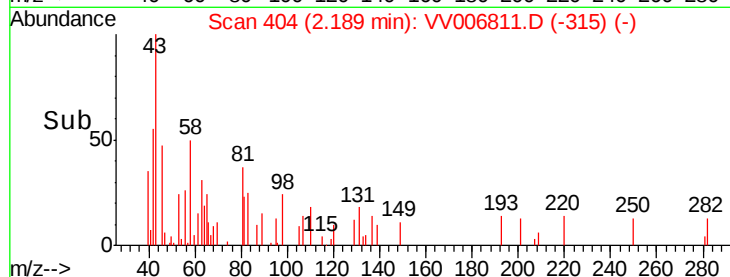
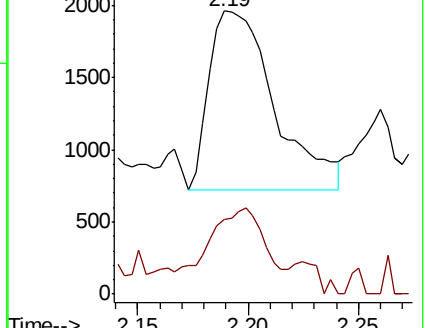
43 100

58 28.2 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006806.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006806.D (-395) (-)



#16

Methylene chloride

Concen: 0.225 ug/L

RT: 2.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: VV006811.D

Acq: 02 Aug 2018 16:46

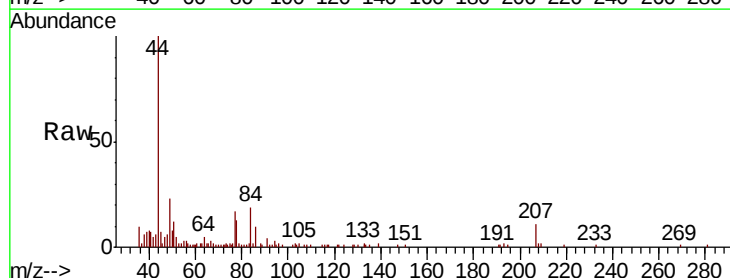
Tgt Ion: 84 Resp: 4360

Ion Ratio Lower Upper

84 100

86 51.5 43.8 81.3

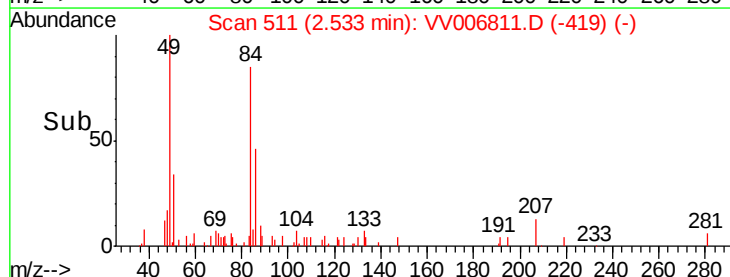
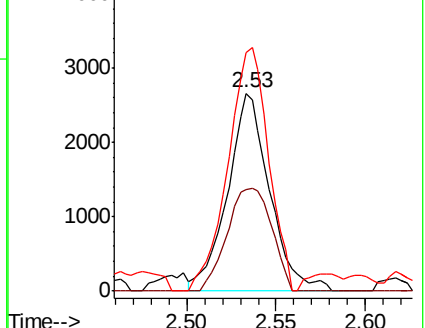
49 163.8 85.3 158.5#

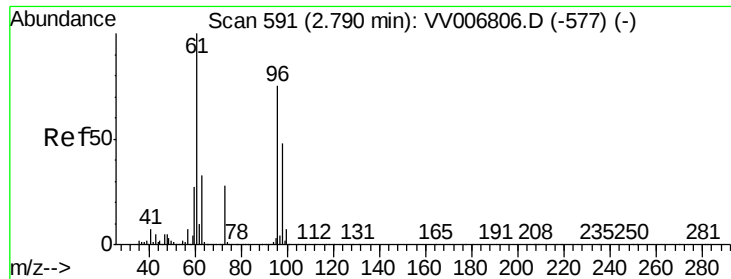


Abundance Ion 84.05 (83.75 to 84.75): VV006806.D (-496) (-)

Ion 86.00 (85.70 to 86.70): VV006806.D (-496) (-)

Ion 49.10 (48.80 to 49.80): VV006806.D (-496) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.379 ug/L

RT: 2.79 min Scan# 590

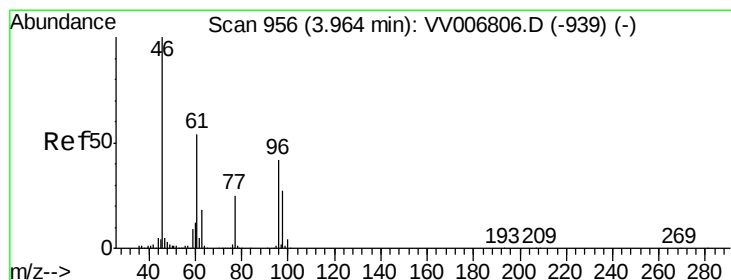
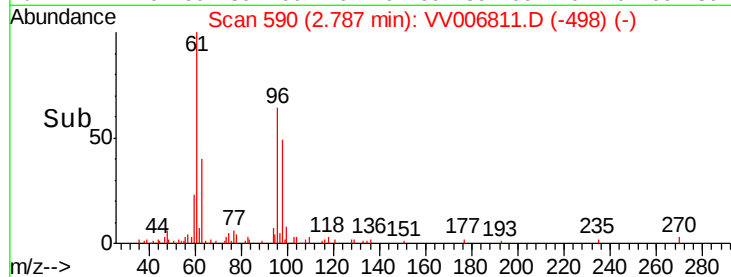
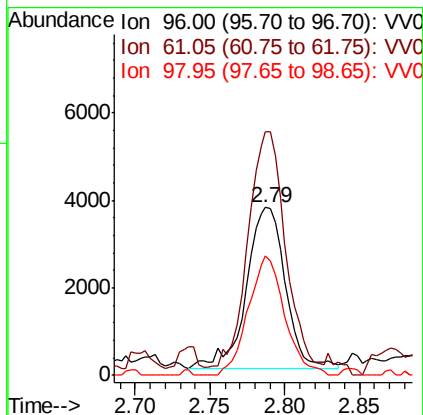
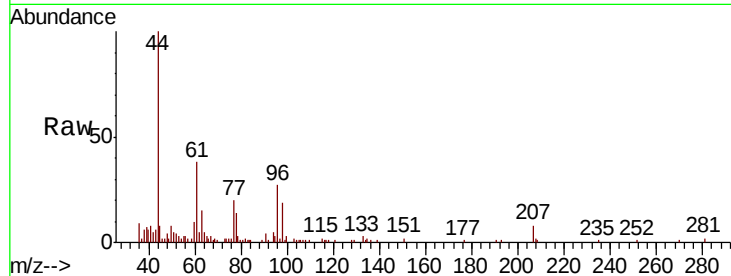
Delta R.T. -0.00 min

Lab File: VV006811.D

Acq: 02 Aug 2018 16:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	96	Resp:	6688
Ion	Ratio	Lower	Upper
96	100		
61	144.9	99.0	183.8
98	71.2	42.8	79.4



#22

cis-1,2-Dichloroethene

Concen: 13.001 ug/L

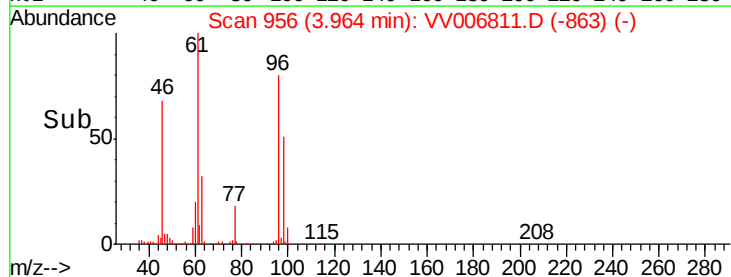
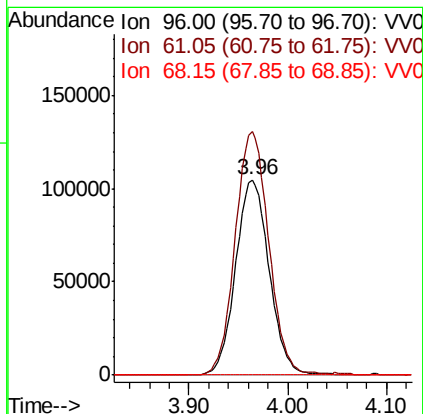
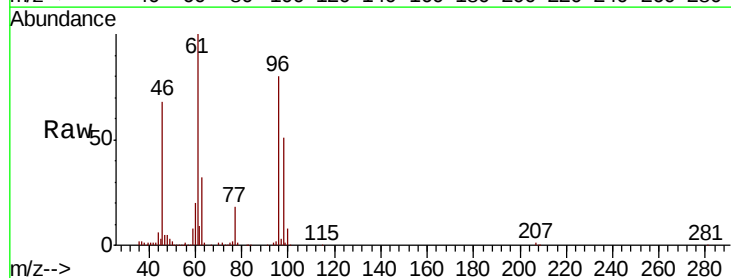
RT: 3.96 min Scan# 956

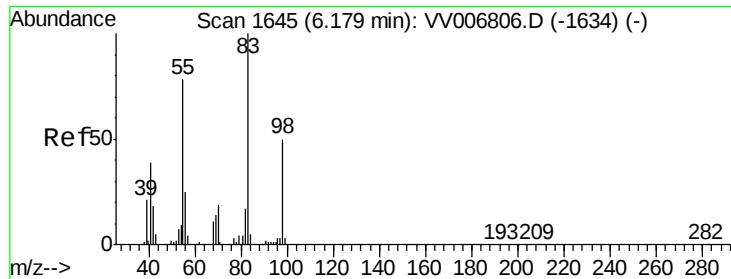
Delta R.T. -0.00 min

Lab File: VV006811.D

Acq: 02 Aug 2018 16:46

Tgt Ion:	96	Resp:	246293
Ion	Ratio	Lower	Upper
96	100		
61	124.8	86.6	160.8
68	0.0	0.0	0.0

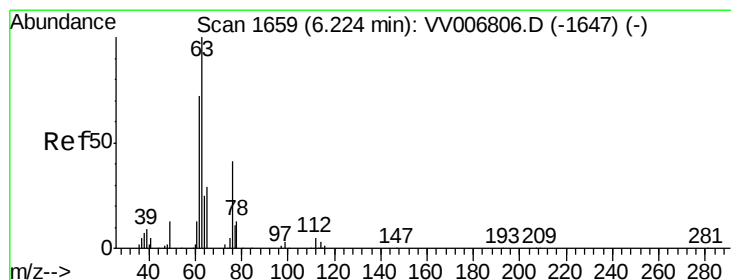
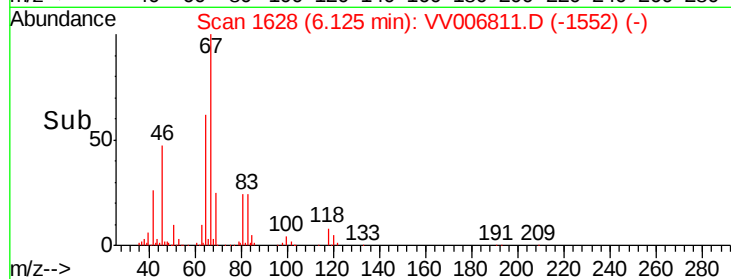
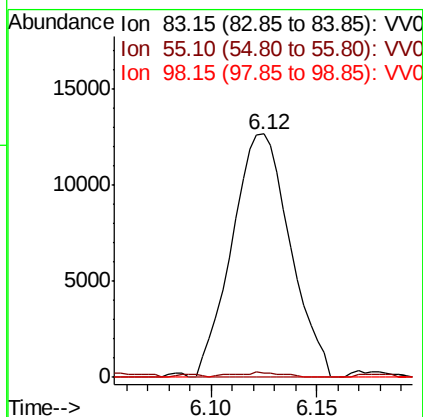
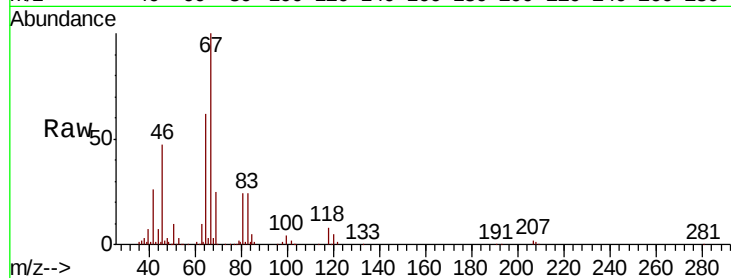




#35
Methvlcvclohexane
Concen: 0.857 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006811.D
Acq: 02 Aug 2018 16:46

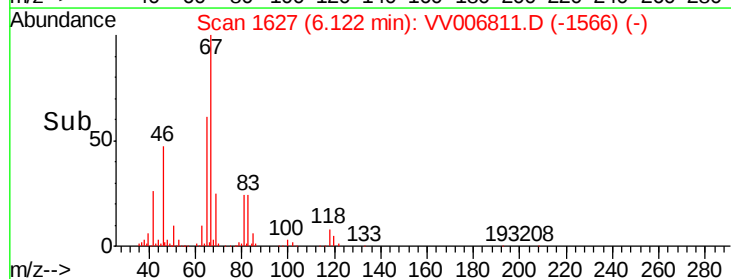
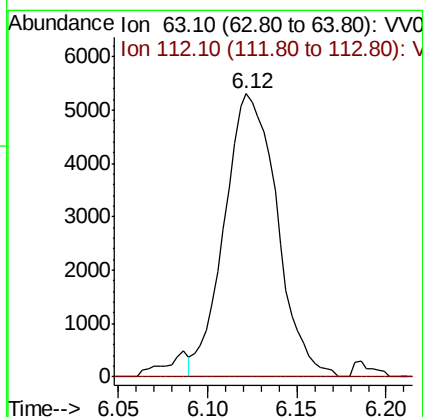
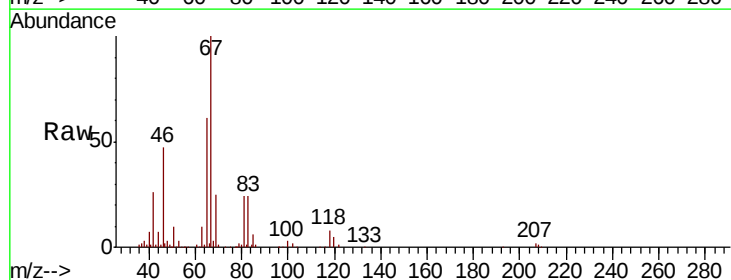
Instrument :
MSVOA_V
ClientSampleId :

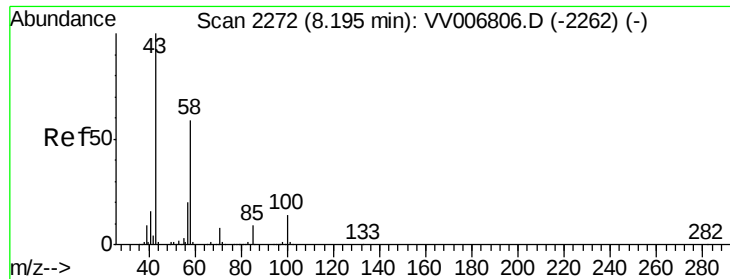
Tot Ion: 83 Resp: 24263
Ion Ratio Lower Upper
83 100
55 1.9 61.8 92.6#
98 0.0 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VV006811.D
Acq: 02 Aug 2018 16:46

Tgt Ion: 63 Resp: 10891
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#





#48

2-Hexanone

Concen: 0.654 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006811.D

Acq: 02 Aug 2018 16:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4510

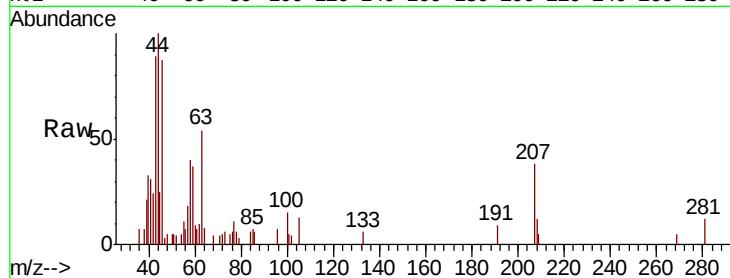
Ion Ratio Lower Upper

43 100

58 50.2 45.4 68.0

57 7.5 15.4 23.2#

100 11.2 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

