

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062118\
 Data File : VV006399.D
 Acq On : 21 Jun 2018 18:21
 Operator : SY/MD
 Sample : J3553-04DL 4X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KJ2DL

Quant Time: Jun 22 01:27:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 01:25:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	300505	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120651	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72629	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	37488	2.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.00%#
11) 1,1-Dichloroethene-d2	2.13	63	102079	3.20	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.97	46	241006	69.16	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.32%#
24) Chloroform-d	4.41	84	151087	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	82063	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	318280	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	102458	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	272897	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	30131	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.15	63	185910	49.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	68159	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	106544	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

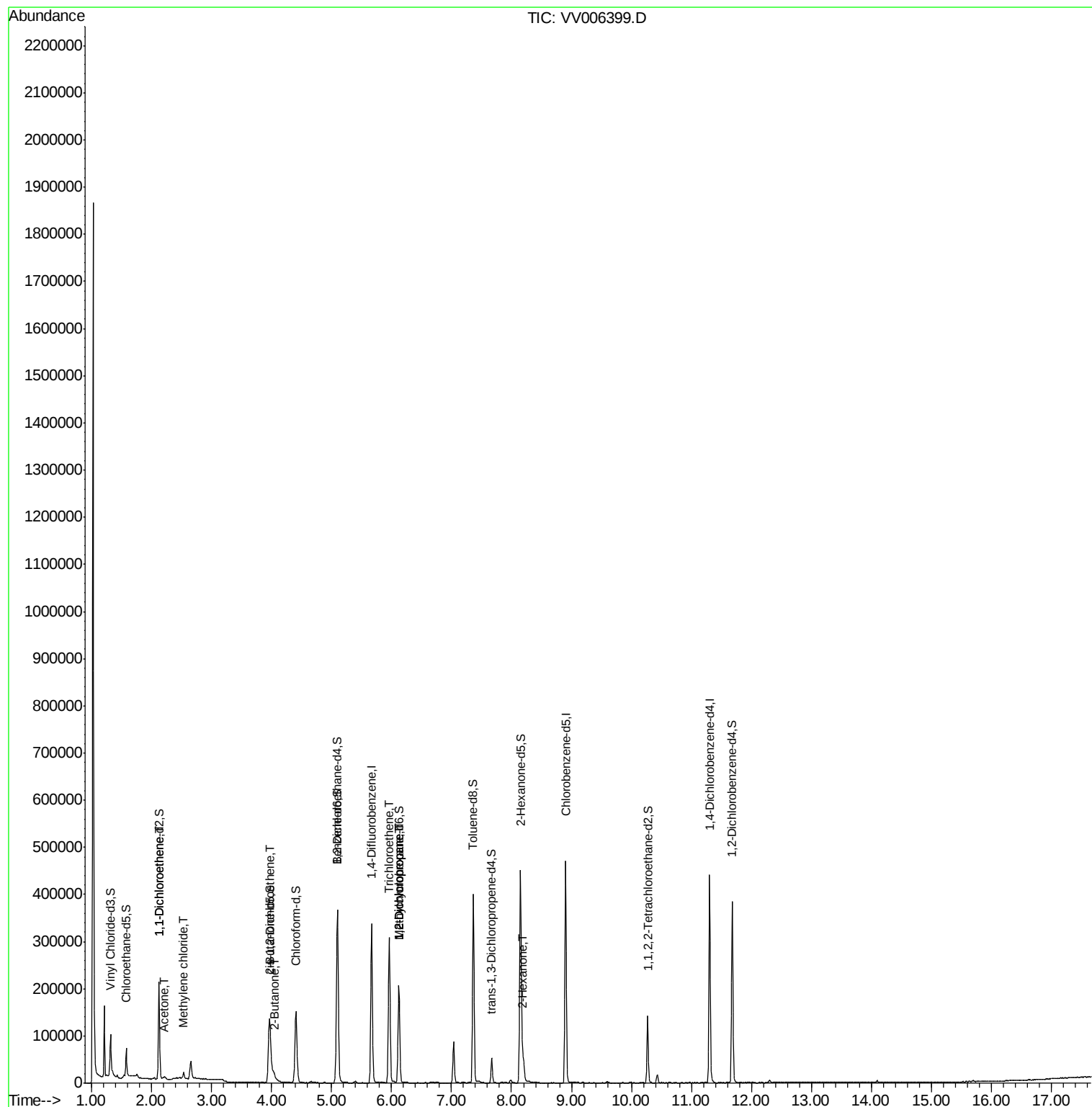
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.13	96	7339	0.426	ug/L #	1
13) Acetone	2.22	43	6192	3.279	ug/L	91
16) Methylene chloride	2.54	84	5167	0.271	ug/L	99
21) 2-Butanone	4.06	43	3964	1.154	ug/L #	73
22) cis-1,2-Dichloroethene	3.96	96	5331	0.262	ug/L #	98
34) Trichloroethene	5.96	95	105794	5.184	ug/L	99
35) Methylcyclohexane	6.12	83	25161	0.717	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10545	0.589	ug/L #	85
48) 2-Hexanone	8.20	43	28134	4.321	ug/L #	83

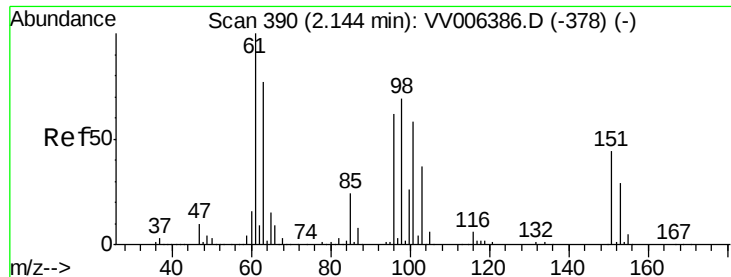
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 01:25:25 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.426 ug/L

RT: 2.13 min Scan# 387

Delta R.T. -0.01 min

Lab File: VV006399.D

Acq: 21 Jun 2018 18:21

Instrument :

MSVOA_V

ClientSampleId :

C0KJ2DL

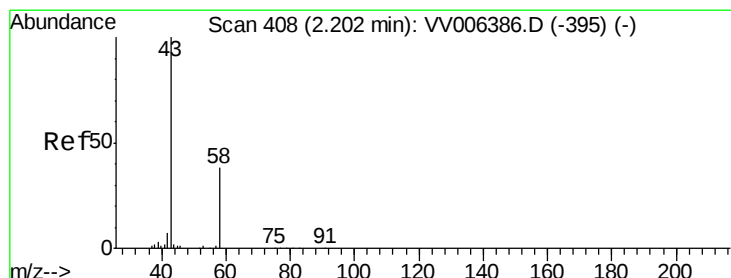
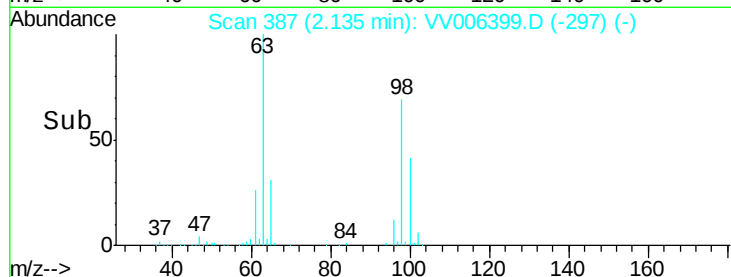
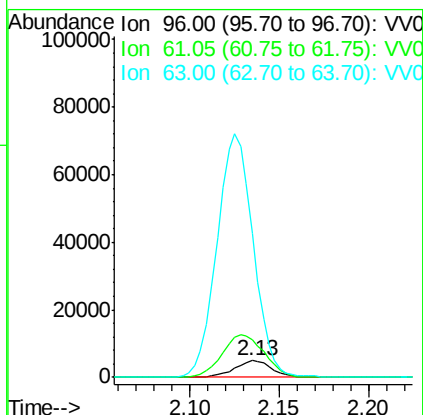
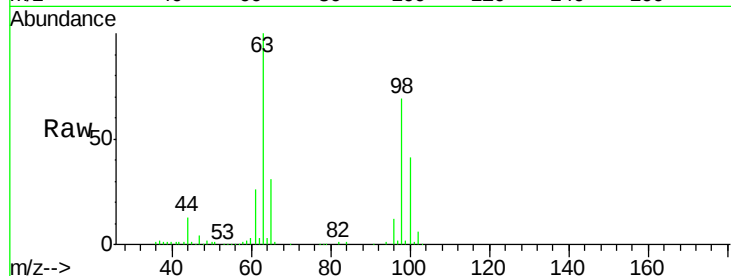
Tgt Ion: 96 Resp: 7339

Ion Ratio Lower Upper

96 100

61 225.0 114.2 212.2#

63 865.9 85.0 157.8#



#13

Acetone

Concen: 3.279 ug/L

RT: 2.22 min Scan# 412

Delta R.T. 0.01 min

Lab File: VV006399.D

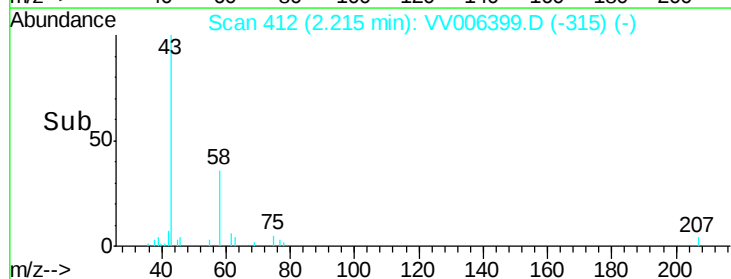
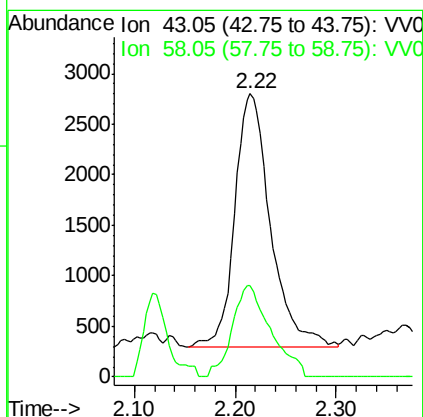
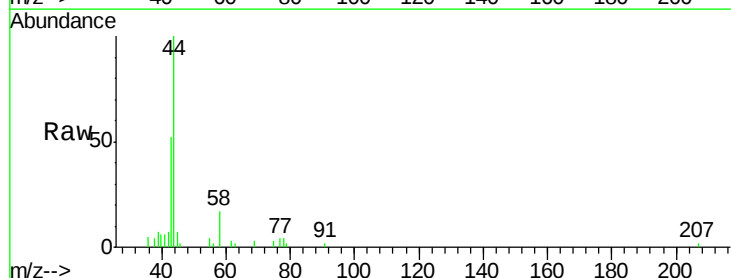
Acq: 21 Jun 2018 18:21

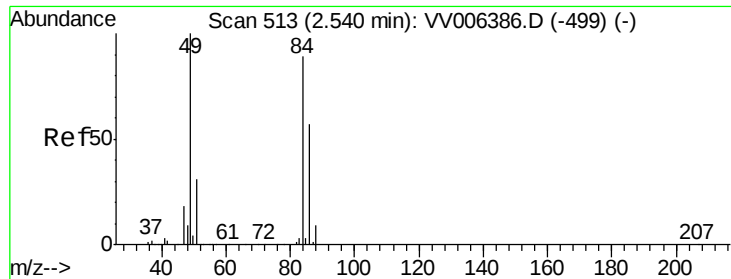
Tgt Ion: 43 Resp: 6192

Ion Ratio Lower Upper

43 100

58 38.7 0.0 67.4

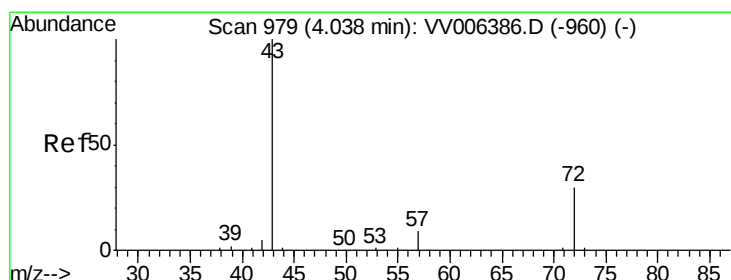
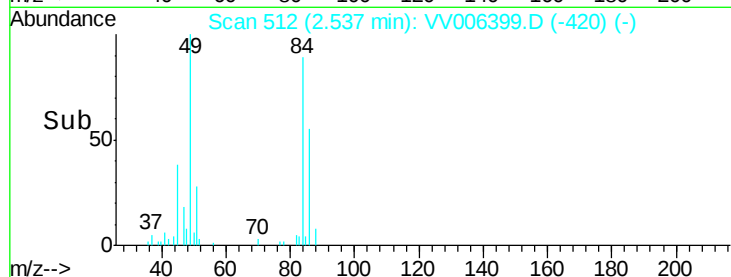
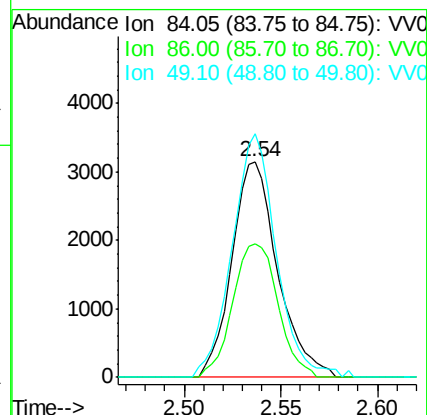
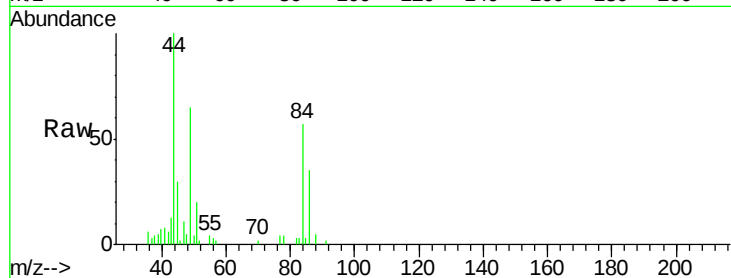




#16
Methylene chloride
Concen: 0.271 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006399.D
Acq: 21 Jun 2018 18:21

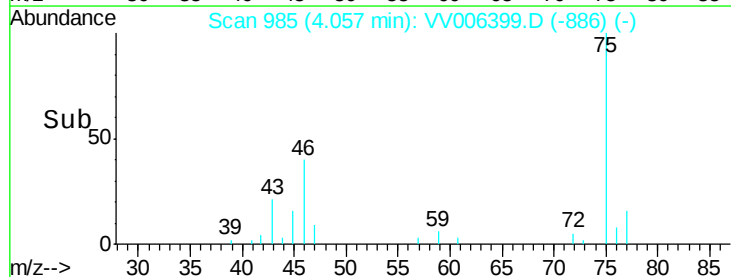
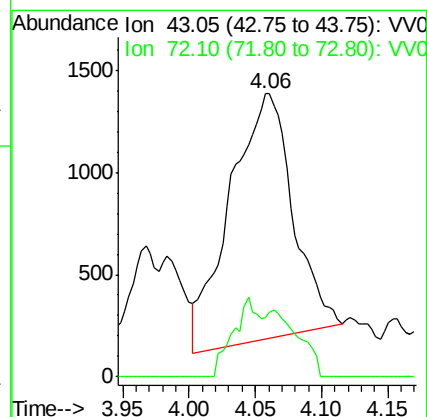
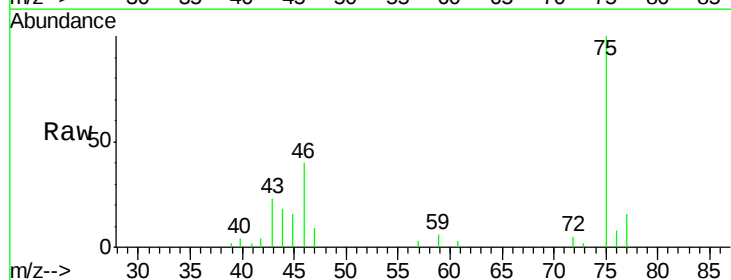
Instrument :
MSVOA_V
ClientSampleId :
C0KJ2DL

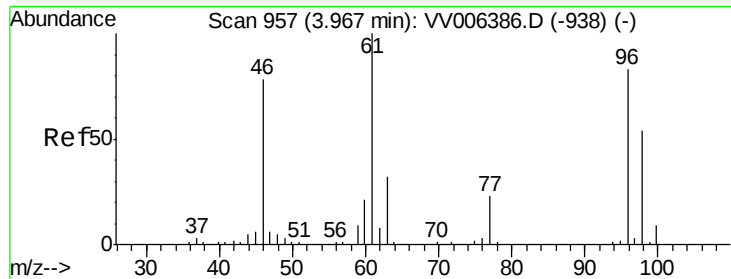
Tgt Ion: 84 Resp: 5167
Ion Ratio Lower Upper
84 100
86 61.8 44.2 82.0
49 112.9 78.8 146.4



#21
2-Butanone
Concen: 1.154 ug/L
RT: 4.06 min Scan# 985
Delta R.T. 0.02 min
Lab File: VV006399.D
Acq: 21 Jun 2018 18:21

Tgt Ion: 43 Resp: 3964
Ion Ratio Lower Upper
43 100
72 13.2 13.8 41.3#



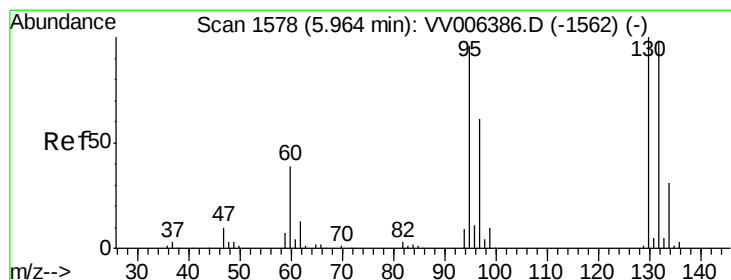
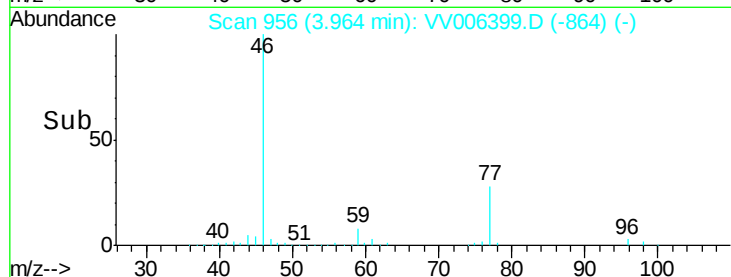
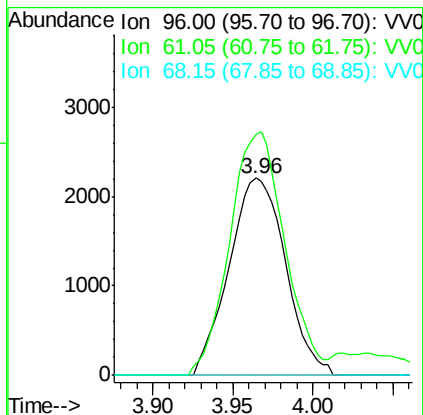
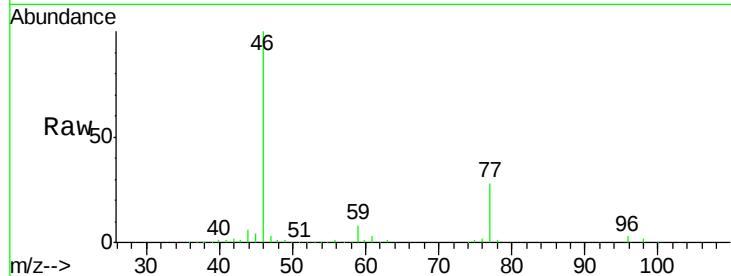


#22

cis-1,2-Dichloroethene
Concen: 0.262 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006399.D
Acq: 21 Jun 2018 18:21

Instrument :
MSVOA_V
ClientSampleId :
C0KJ2DL

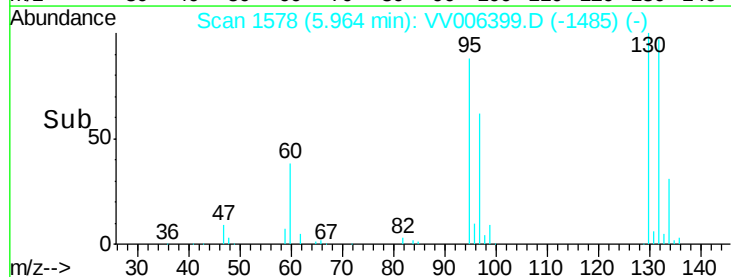
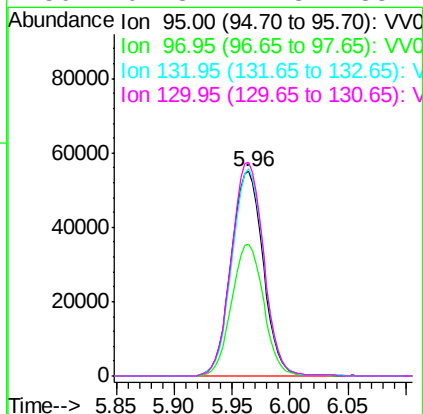
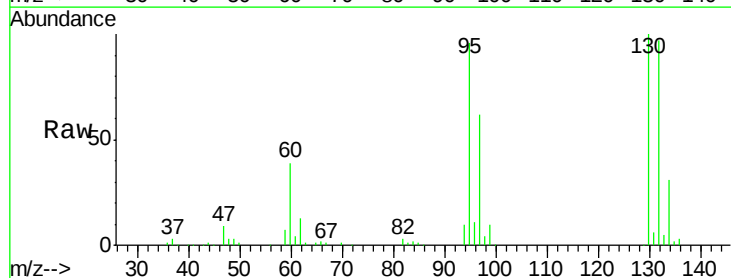
Tgt Ion: 96 Resp: 5331
Ion Ratio Lower Upper
96 100
61 122.3 84.1 156.3
68 0.0 0.3 0.5#

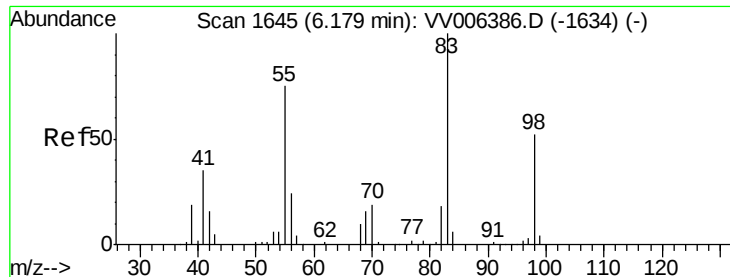


#34

Trichloroethene
Concen: 5.184 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006399.D
Acq: 21 Jun 2018 18:21

Tgt Ion: 95 Resp: 105794
Ion Ratio Lower Upper
95 100
97 64.4 45.1 83.9
132 101.0 69.0 128.1
130 104.3 72.8 135.2

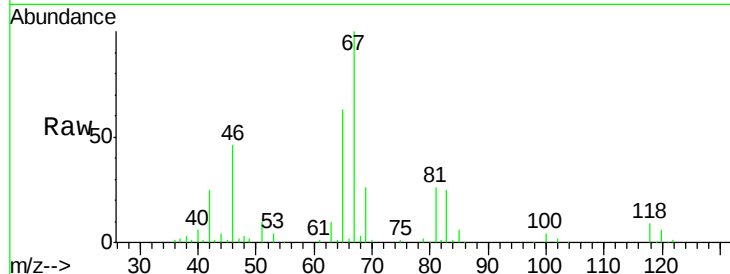




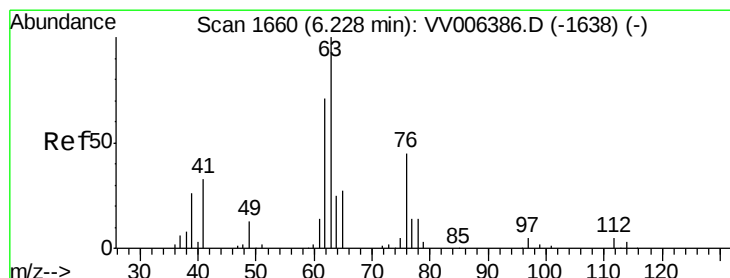
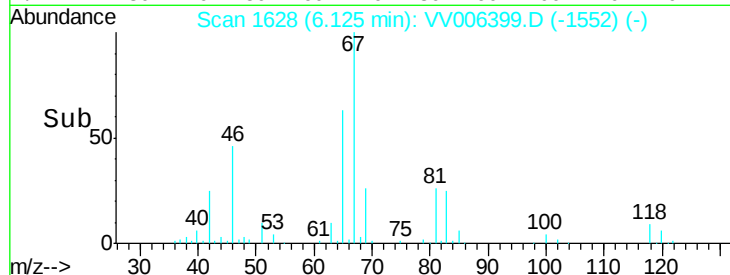
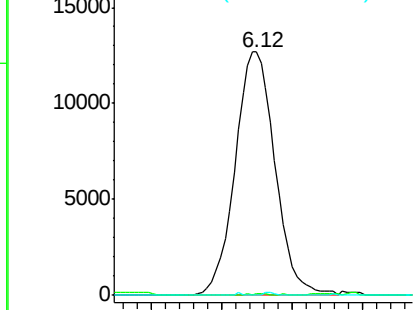
#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006399.D
Acq: 21 Jun 2018 18:21

Instrument :
MSVOA_V
ClientSampleId :
C0KJ2DL

Tgt Ion: 83 Resp: 25161
Ion Ratio Lower Upper
83 100
55 0.3 57.5 86.3#
98 0.0 39.8 59.8#

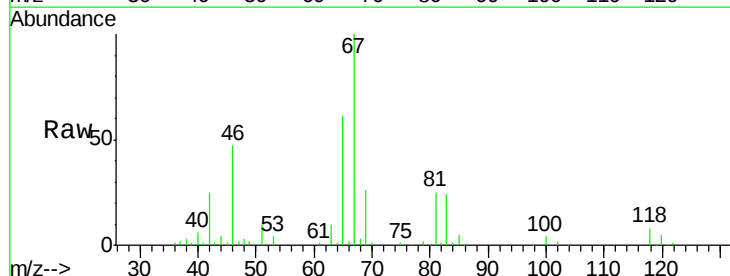


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

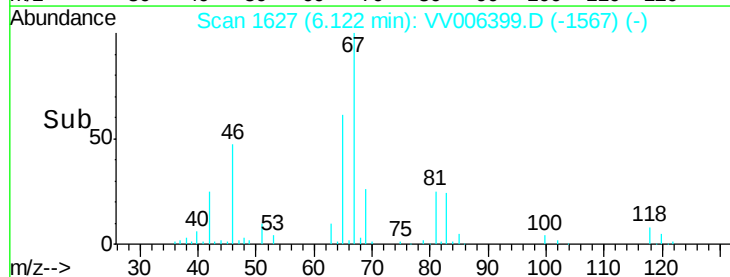
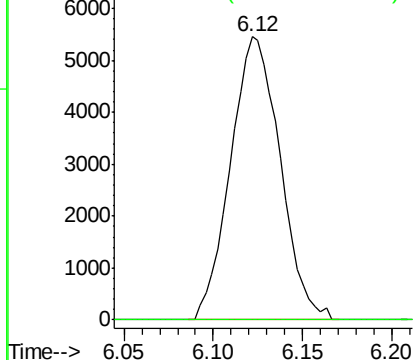


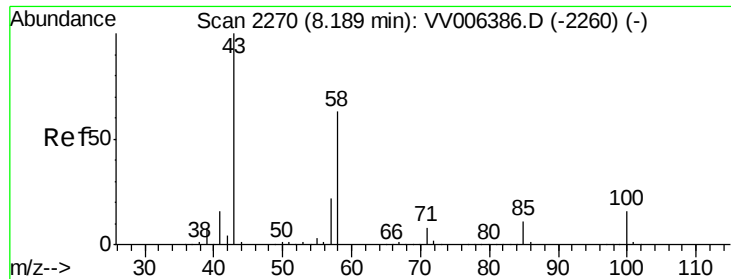
#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006399.D
Acq: 21 Jun 2018 18:21

Tgt Ion: 63 Resp: 10545
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



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





#48

2-Hexanone

Concen: 4.321 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.01 min

Lab File: VV006399.D

Acq: 21 Jun 2018 18:21

Instrument :
MSVOA_V
ClientSampleId :
C0KJ2DL

Tgt Ion: 43 Resp: 28134
Ion Ratio Lower Upper

43 100

58 47.0 48.6 72.8#

57 14.7 17.5 26.3#

100 9.0 12.6 18.8#

