

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070218\
 Data File : VV006533.D
 Acq On : 02 Jul 2018 16:35
 Operator : SY/MD
 Sample : J3792-11
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0H6

Quant Time: Jul 02 23:34:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 30 02:15:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	289137	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	266684	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126683	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94836	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	82962	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.13	63	126218	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.99	46	218202	61.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.50%
24) Chloroform-d	4.41	84	172749	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.09	65	85020	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.10	84	372903	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.13	67	115905	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.37	98	328041	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	33908	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	181379	60.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73789	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	128170	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

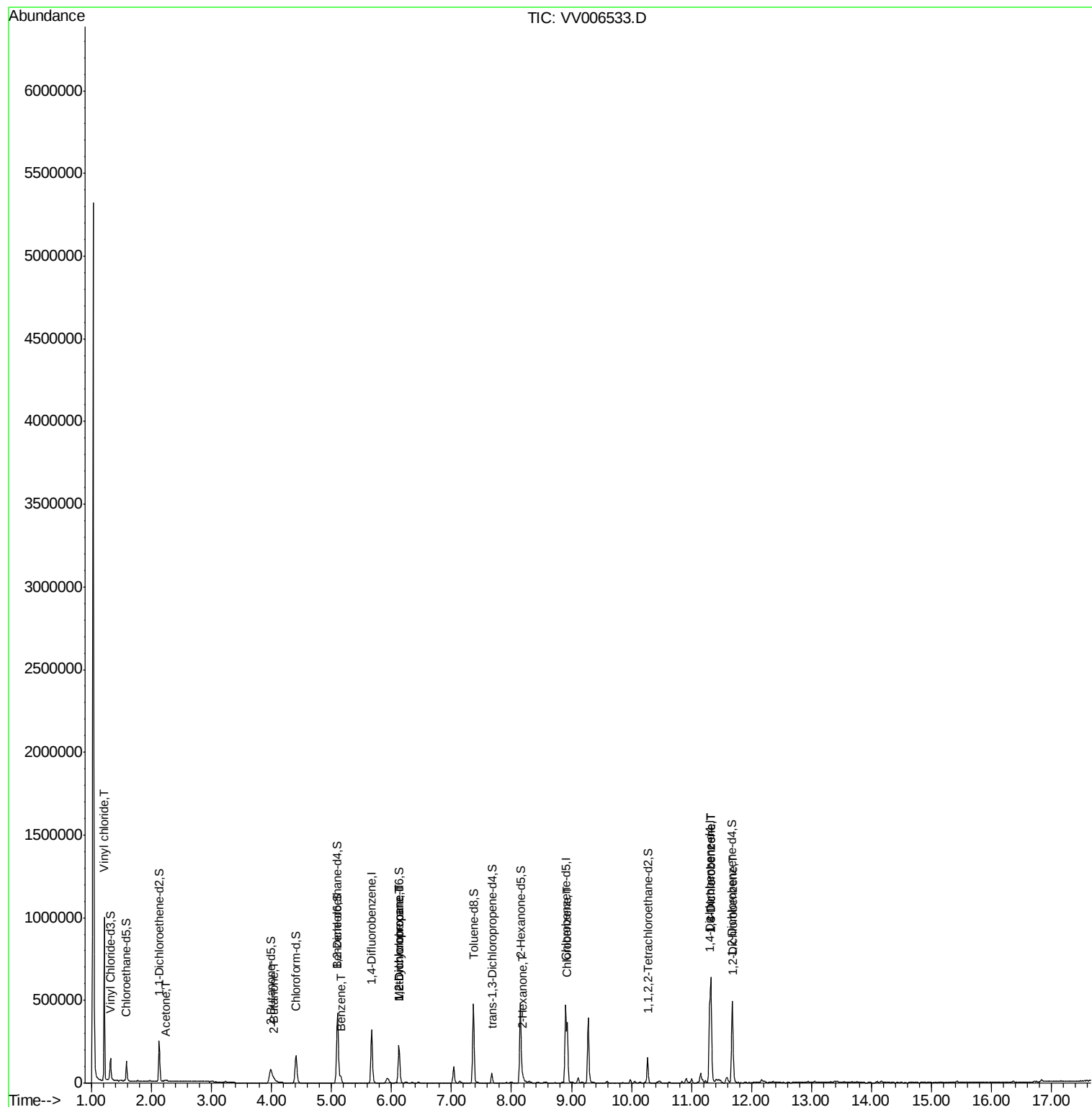
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.21	62	7603	0.322	ug/L #	42
13) Acetone	2.23	43	7343	3.363	ug/L #	1
21) 2-Butanone	4.05	43	868	0.220	ug/L #	66
33) Benzene	5.15	78	43389	0.551	ug/L	100
35) Methylcyclohexane	6.13	83	28216	0.861	ug/L #	27
37) 1,2-Dichloropropane	6.13	63	11703	0.608	ug/L #	88
48) 2-Hexanone	8.19	43	15531	2.305	ug/L #	79
51) Chlorobenzene	8.93	112	198017	3.588	ug/L	100
62) 1,3-Dichlorobenzene	11.32	146	252552	6.052	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	252552	6.051	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	26364	0.675	ug/L	99

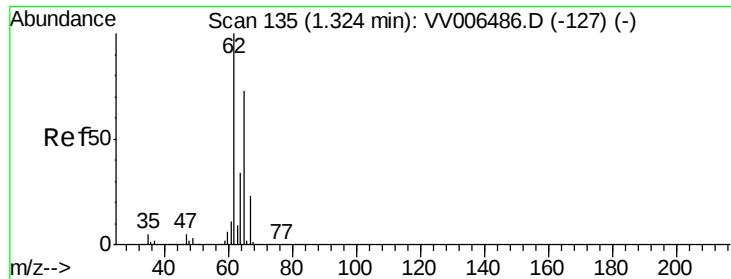
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.322 ug/L

RT: 1.21 min Scan# 100

Delta R.T. -0.11 min

Lab File: VV006533.D

Acq: 02 Jul 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

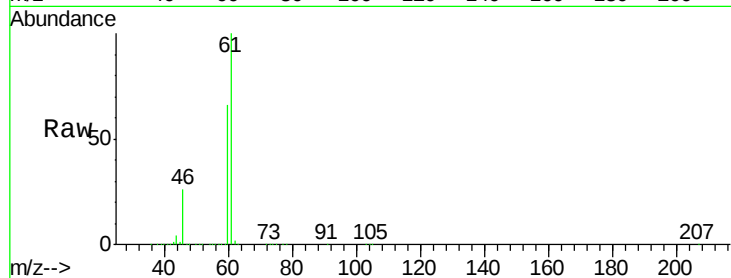
DB0H6

Tgt Ion: 62 Resp: 7603

Ion Ratio Lower Upper

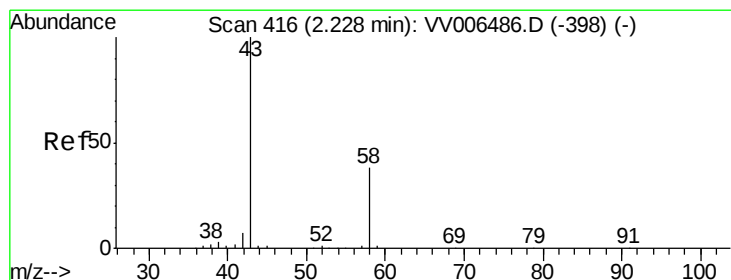
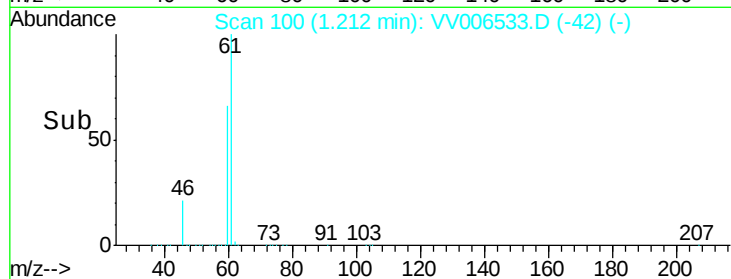
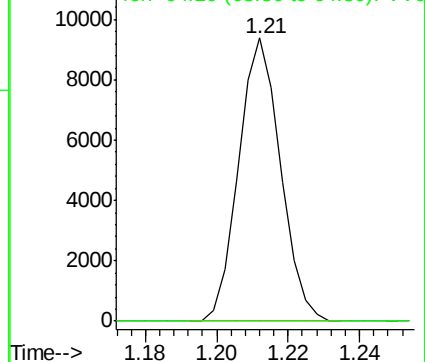
62 100

64 0.0 23.1 42.9#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#13

Acetone

Concen: 3.363 ug/L

RT: 2.23 min Scan# 416

Delta R.T. -0.01 min

Lab File: VV006533.D

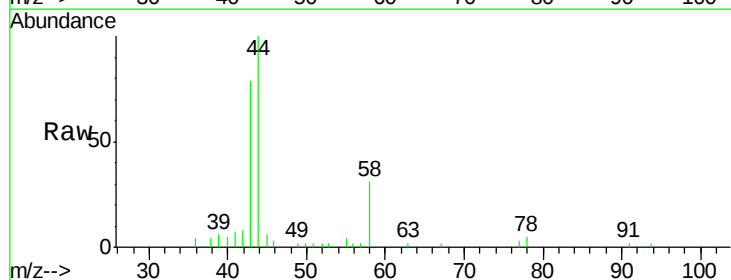
Acq: 02 Jul 2018 16:35

Tgt Ion: 43 Resp: 7343

Ion Ratio Lower Upper

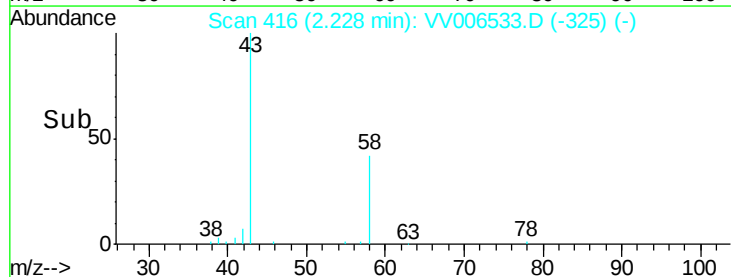
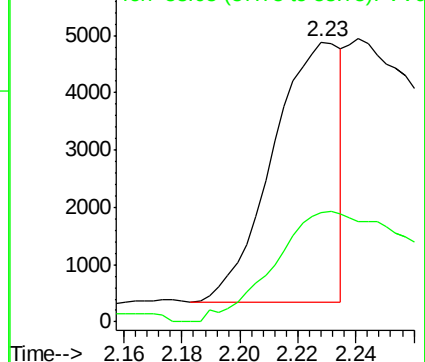
43 100

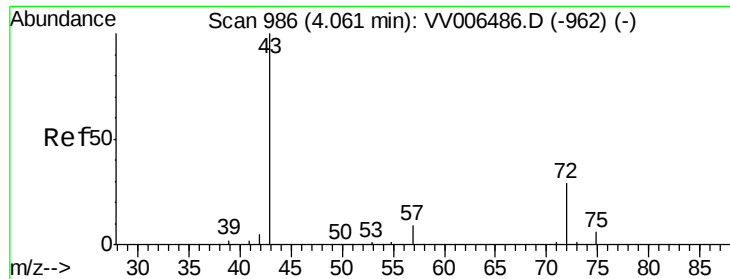
58 119.3 0.0 77.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 0.220 ug/L

RT: 4.05 min Scan# 983

Delta R.T. -0.01 min

Lab File: VV006533.D

Acq: 02 Jul 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

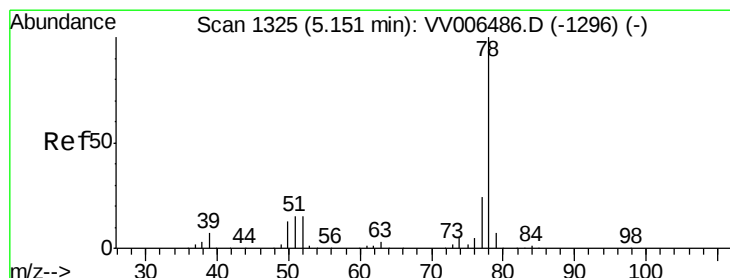
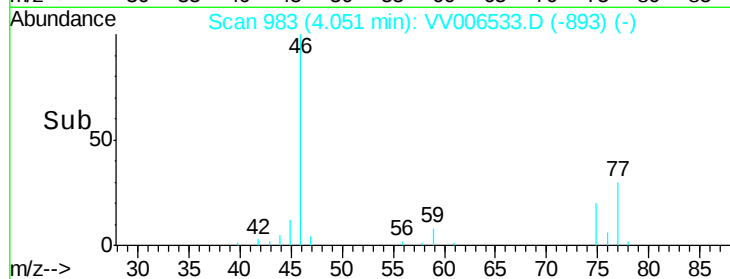
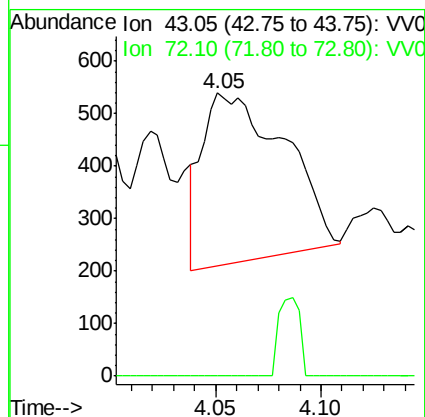
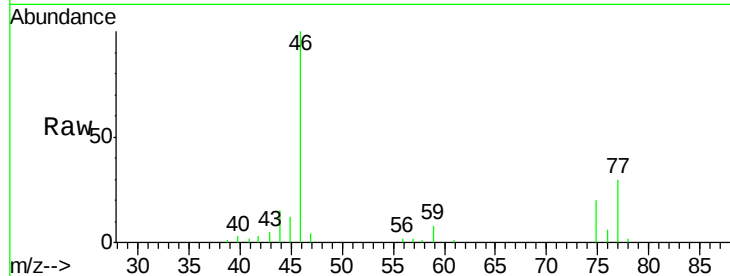
DB0H6

Tgt Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

72 12.0 15.4 46.1#



#33

Benzene

Concen: 0.551 ug/L

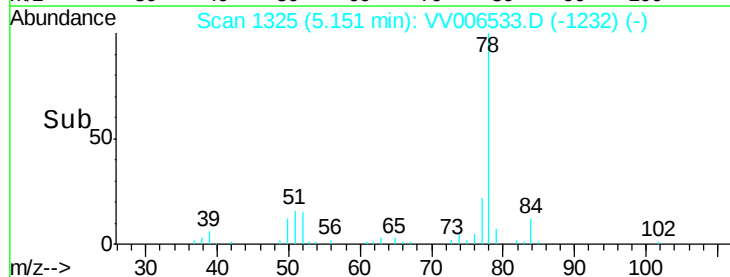
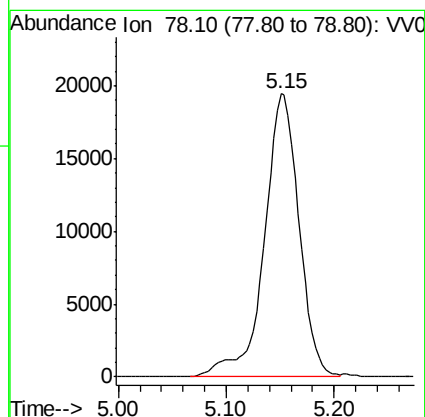
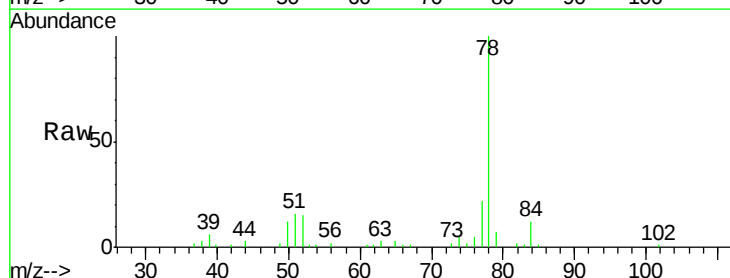
RT: 5.15 min Scan# 1325

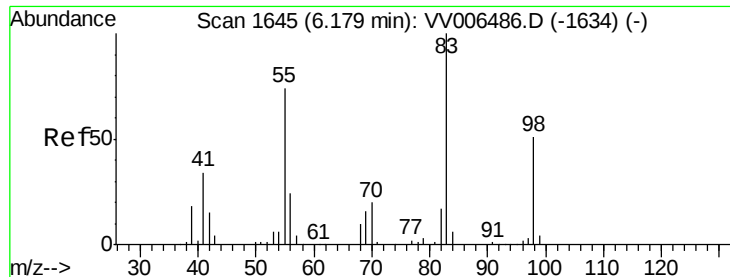
Delta R.T. 0.00 min

Lab File: VV006533.D

Acq: 02 Jul 2018 16:35

Tgt Ion: 78 Resp: 43389

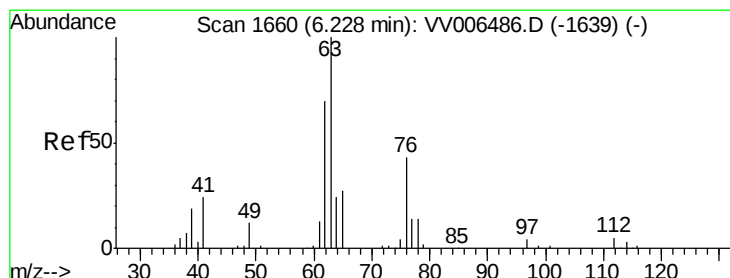
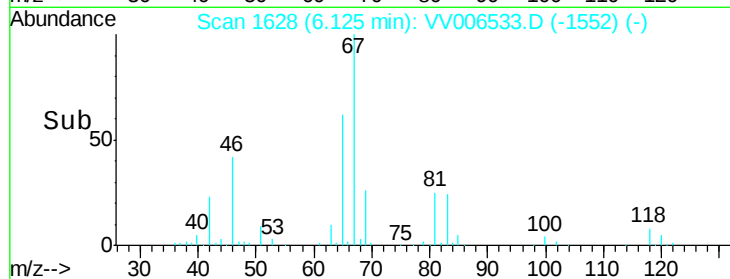
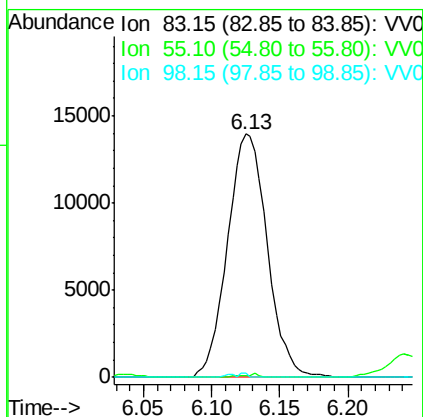
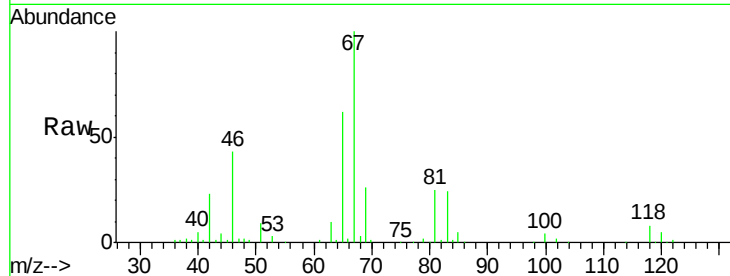




#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006533.D
Acq: 02 Jul 2018 16:35

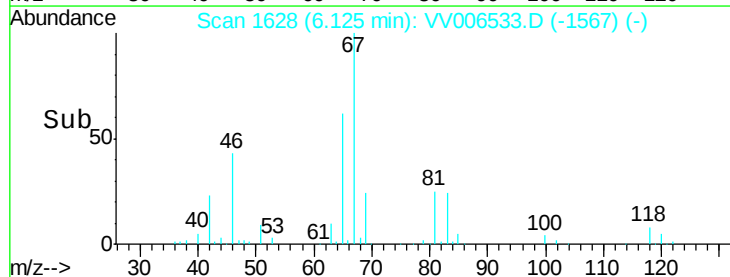
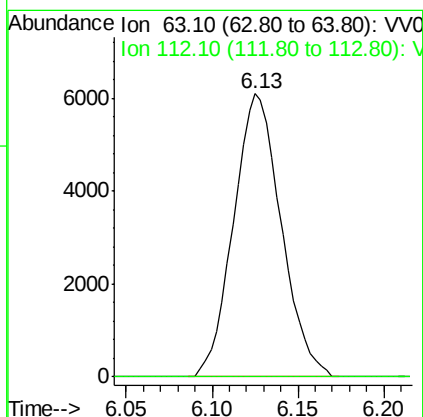
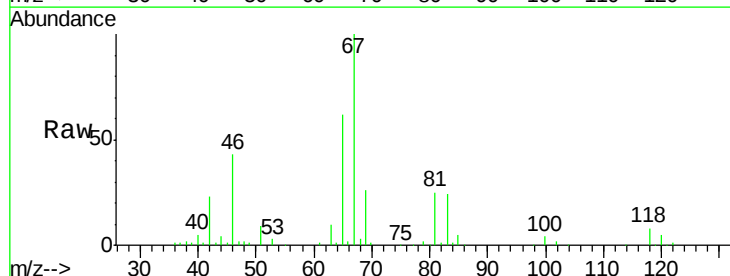
Instrument :
MSVOA_V
ClientSampled :
DB0H6

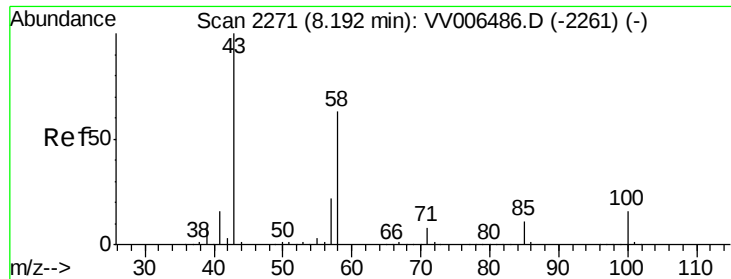
Tgt Ion: 83 Resp: 28216
Ion Ratio Lower Upper
83 100
55 9.9 57.5 86.3#
98 0.4 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006533.D
Acq: 02 Jul 2018 16:35

Tgt Ion: 63 Resp: 11703
Ion Ratio Lower Upper
63 100
112 8.8 4.0 6.0#

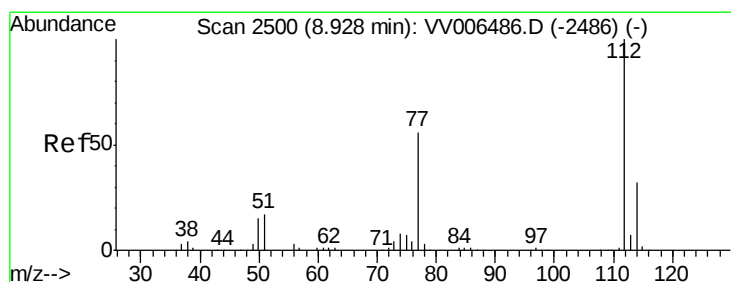
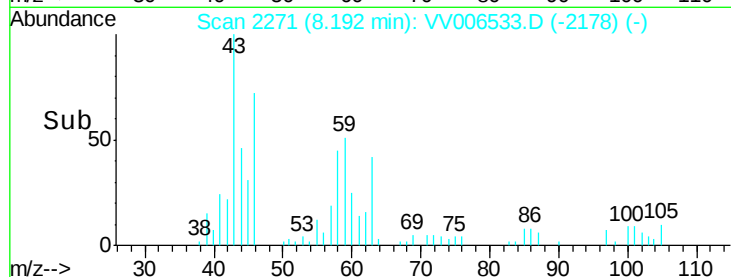
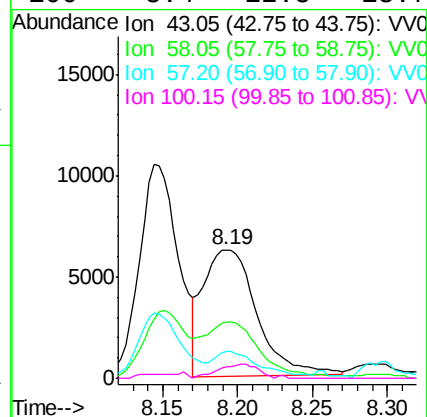
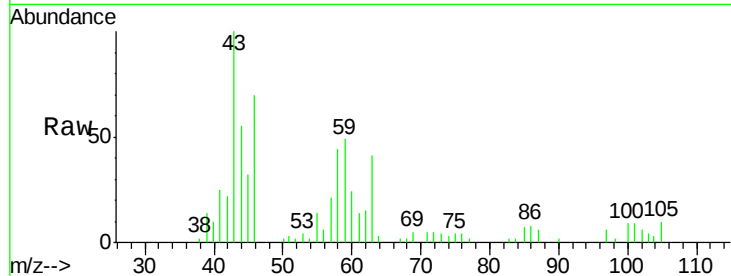




#48
2-Hexanone
Concen: 2.305 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006533.D
Acq: 02 Jul 2018 16:35

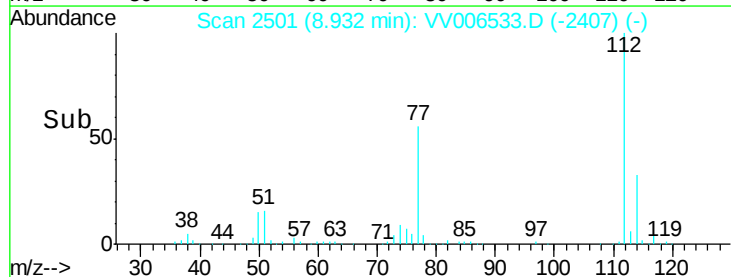
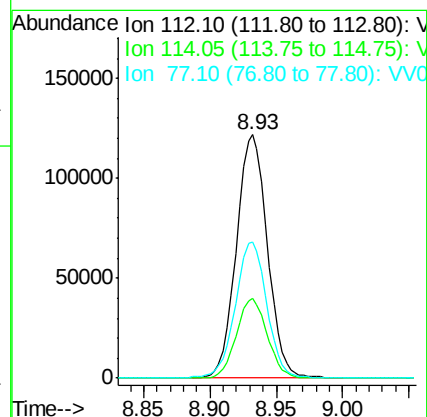
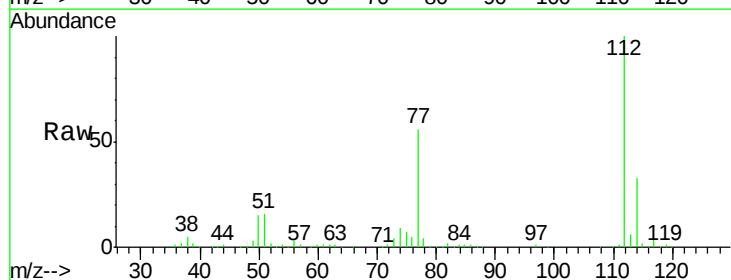
Instrument :
MSVOA_V
ClientSampleId :
DB0H6

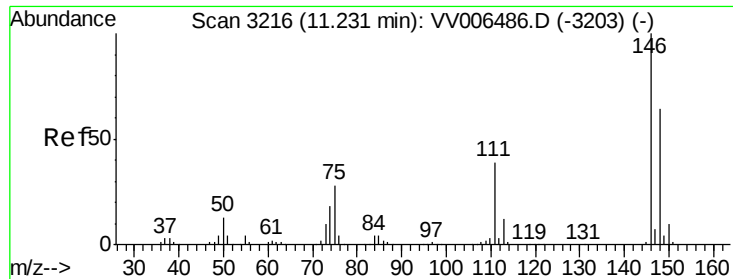
Tgt Ion: 43 Resp: 15531
Ion Ratio Lower Upper
43 100
58 42.1 49.9 74.9#
57 18.1 17.3 25.9
100 8.4 12.5 18.7#



#51
Chlorobenzene
Concen: 3.588 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006533.D
Acq: 02 Jul 2018 16:35

Tgt Ion: 112 Resp: 198017
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 56.0 44.6 66.8





#62

1,3-Dichlorobenzene

Concen: 6.052 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.09 min

Lab File: VV006533.D

Acq: 02 Jul 2018 16:35

Instrument :

MSVOA_V

ClientSampled :

DB0H6

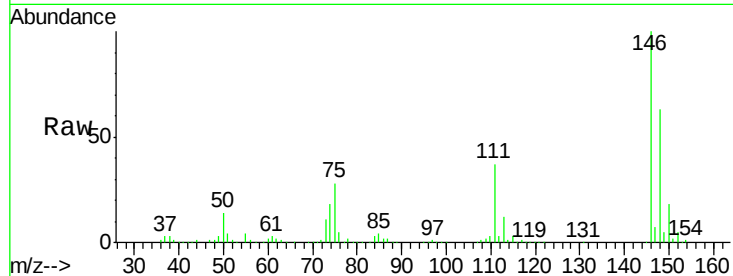
Tgt Ion:146 Resp: 252552

Ion Ratio Lower Upper

146 100

111 36.8 27.4 51.0

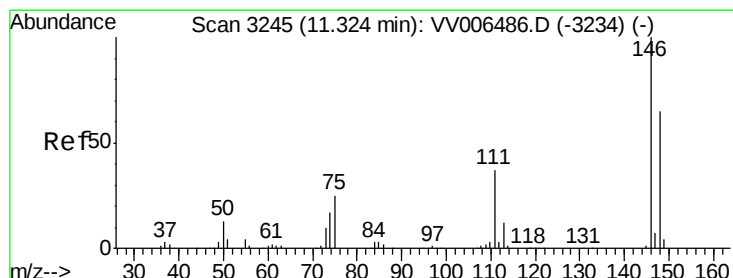
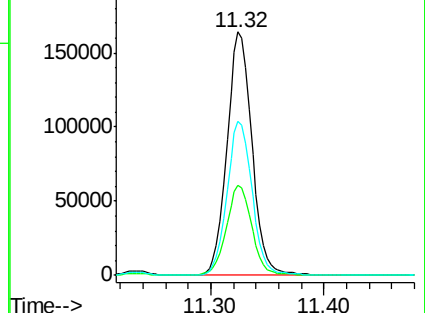
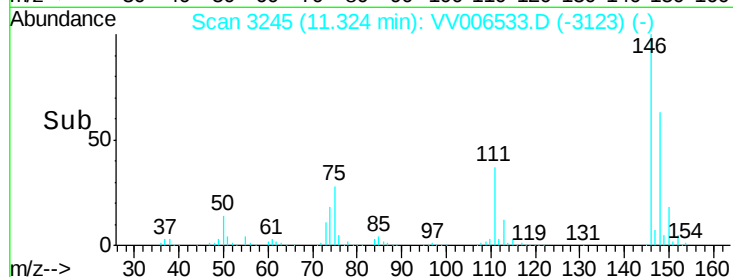
148 63.5 44.1 81.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 6.051 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006533.D

Acq: 02 Jul 2018 16:35

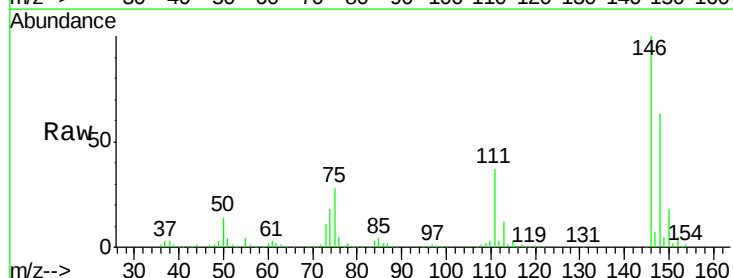
Tgt Ion:146 Resp: 252552

Ion Ratio Lower Upper

146 100

111 36.8 26.3 48.9

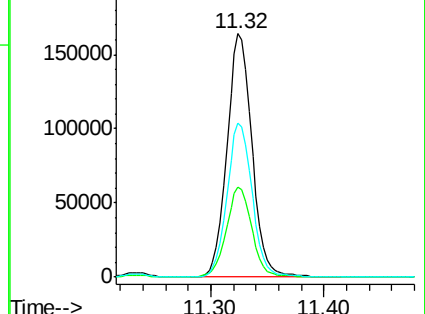
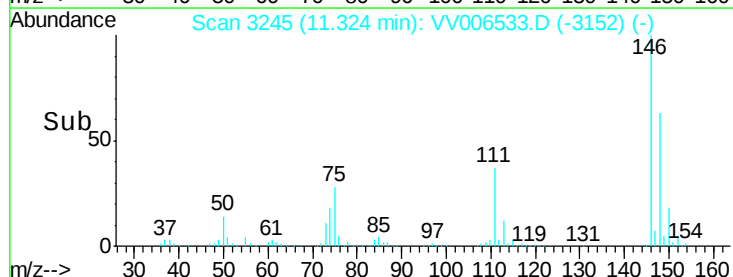
148 63.5 44.0 81.6

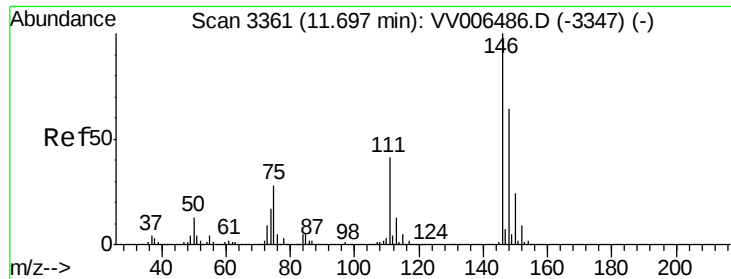


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

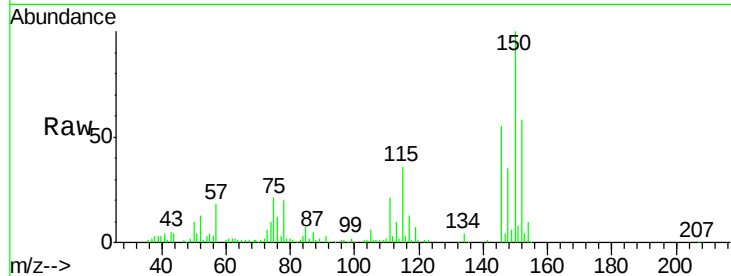




#65
 1,2-Dichlorobenzene
 Concen: 0.675 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006533.D
 Acq: 02 Jul 2018 16:35

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0H6

Tgt Ion:146 Resp: 26364
 Ion Ratio Lower Upper
 146 100
 111 38.6 32.0 48.0
 148 63.5 50.8 76.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

