

Data File : VV011913.D
Acq On : 17 Jul 2019 15:46
Operator : SY/MD
Sample : K3823-02DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52Q9DL

Quant Time: Jul 18 02:21:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157078	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59899	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	50568	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	68096	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.94	46	149548	51.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.66%
24) Chloroform-d	4.40	84	113855	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	60786	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	231791	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.12	67	70742	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	197243	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	22483	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.13	63	94443	46.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40205	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71122	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

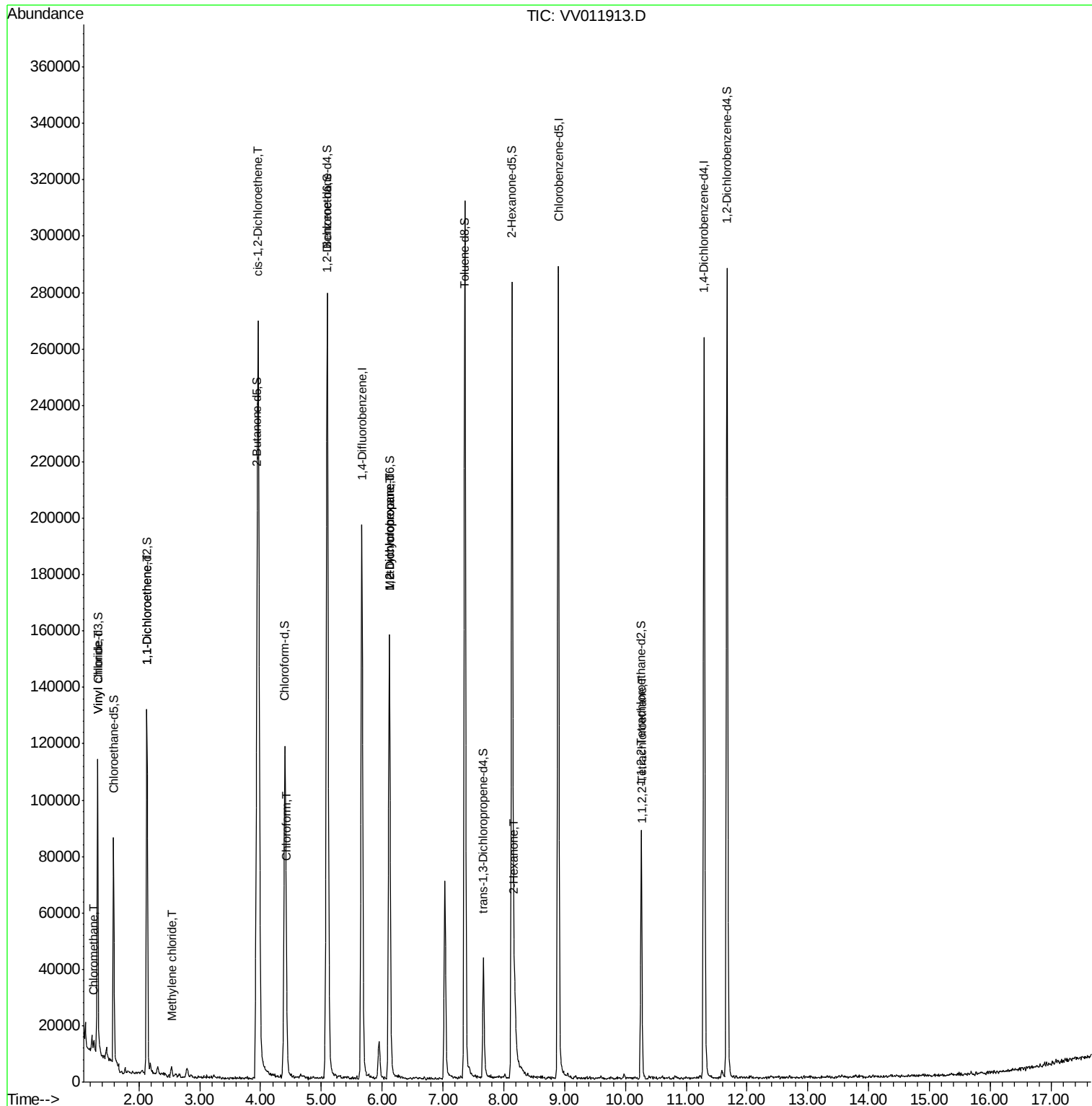
						Qvalue
3) Chloromethane	1.26	50	2651	0.170	ug/L	87
5) Vinyl chloride	1.32	62	3239	0.216	ug/L #	59
12) 1,1-Dichloroethene	2.14	96	1139	0.136	ug/L #	1
16) Methylene chloride	2.54	84	1040	0.118	ug/L	83
22) cis-1,2-Dichloroethene	3.96	96	124010	10.234	ug/L	96
25) Chloroform	4.43	83	5442	0.227	ug/L	100
35) Methylcyclohexane	6.12	83	17717	0.886	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7992	0.690	ug/L #	87
48) 2-Hexanone	8.18	43	9736	1.955	ug/L #	85
58) 1,1,2,2-Tetrachloroethane	10.28	83	456	0.061	ug/L #	1

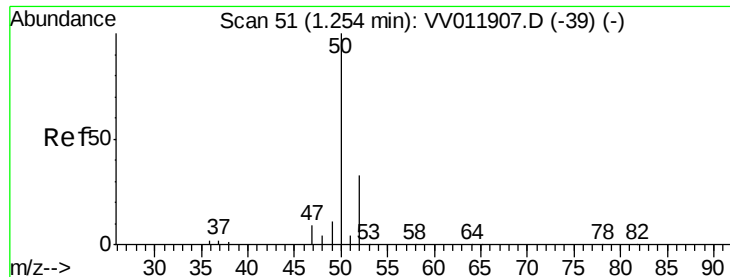
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.170 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV011913.D

Acq: 17 Jul 2019 15:46

Instrument :

MSVOA_V

ClientSampleId :

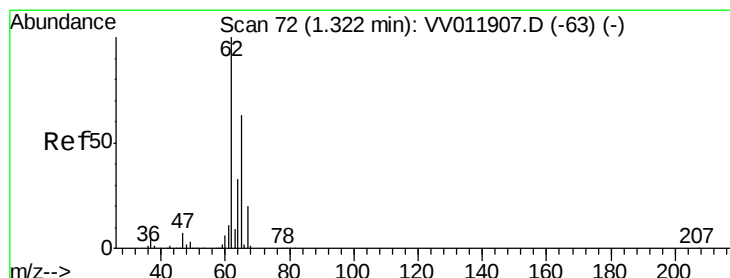
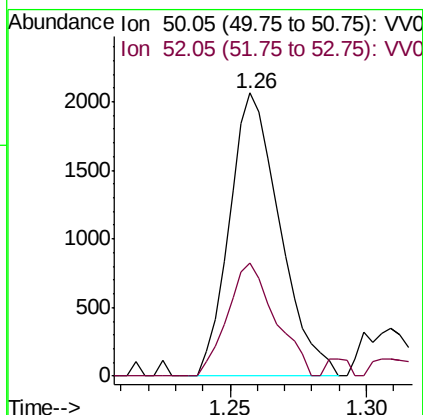
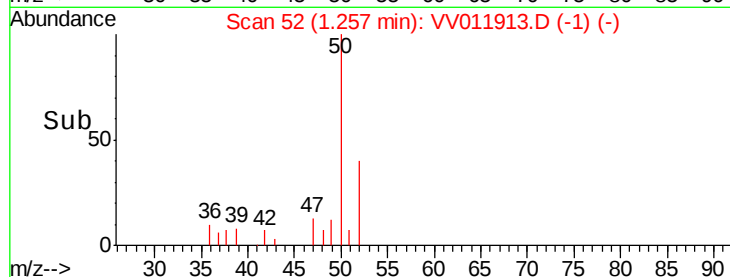
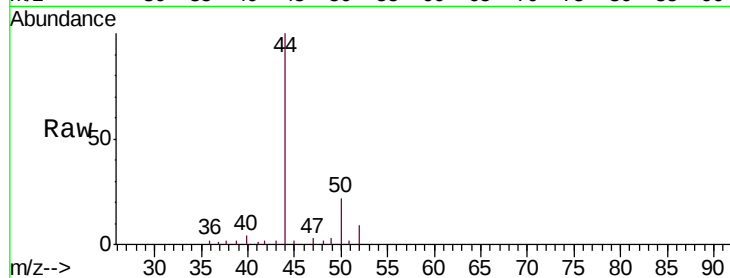
A52Q9DL

Tgt Ion: 50 Resp: 2651

Ion Ratio Lower Upper

50 100

52 40.1 23.1 42.9



#5

Vinyl chloride

Concen: 0.216 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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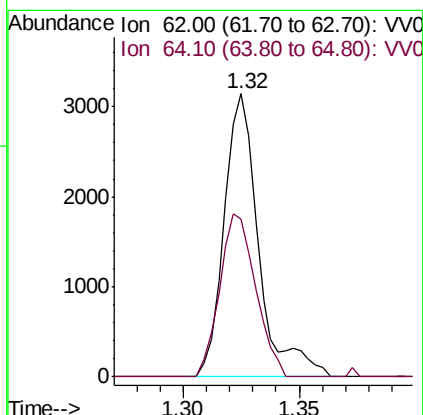
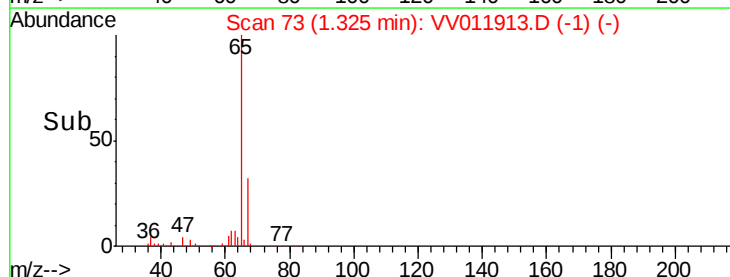
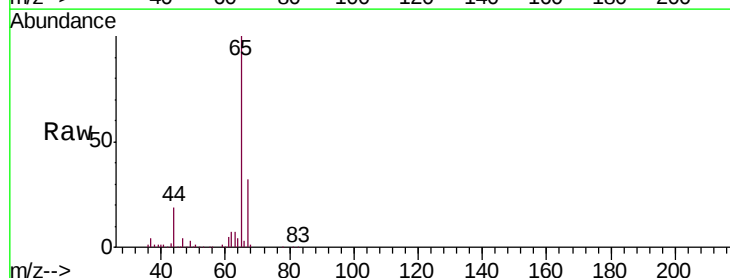
Acq: 17 Jul 2019 15:46

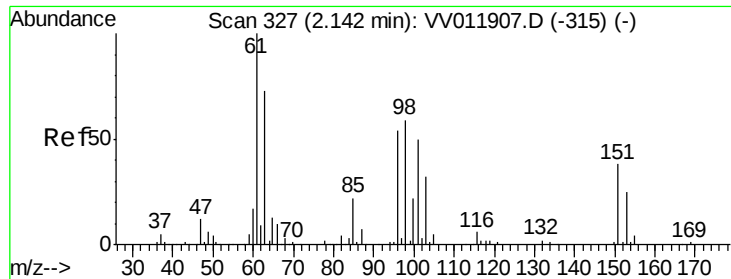
Tgt Ion: 62 Resp: 3239

Ion Ratio Lower Upper

62 100

64 56.0 22.9 42.5#

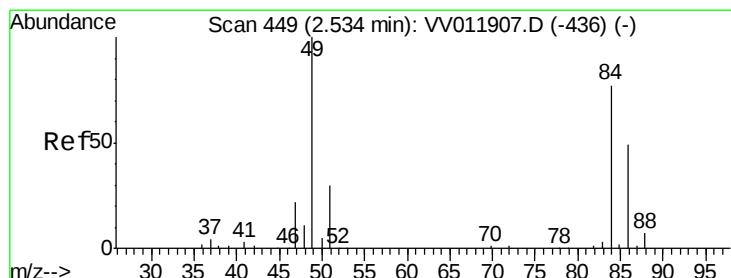
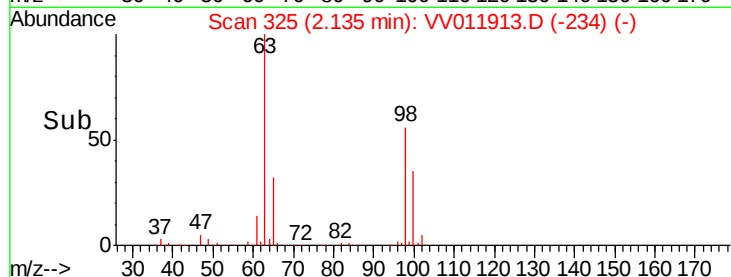
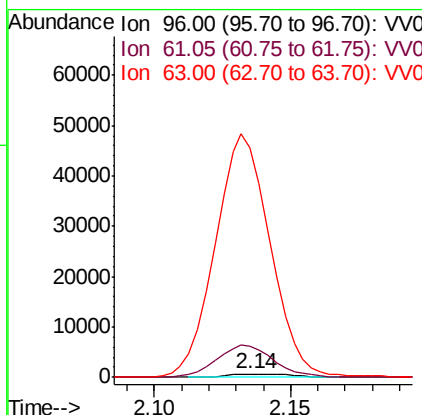
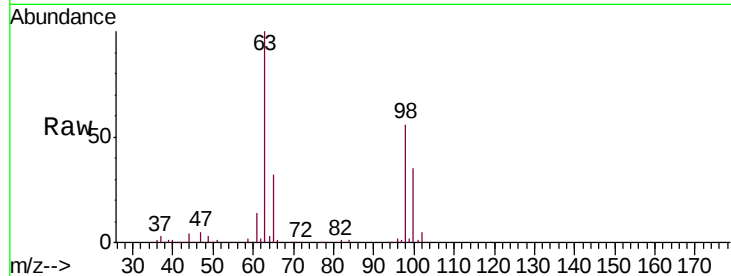




#12
 1,1-Dichloroethene
 Concen: 0.136 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV011913.D
 Acq: 17 Jul 2019 15:46

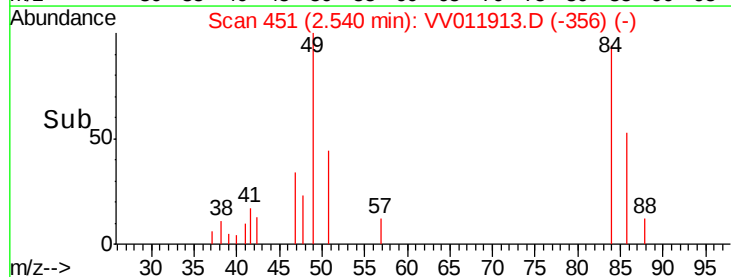
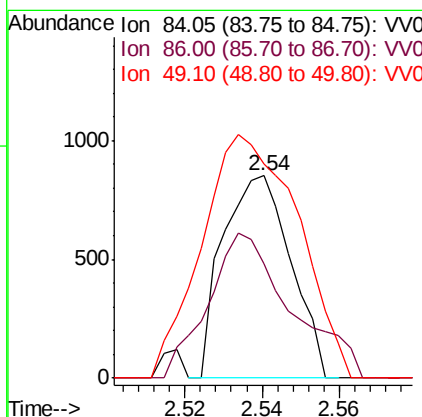
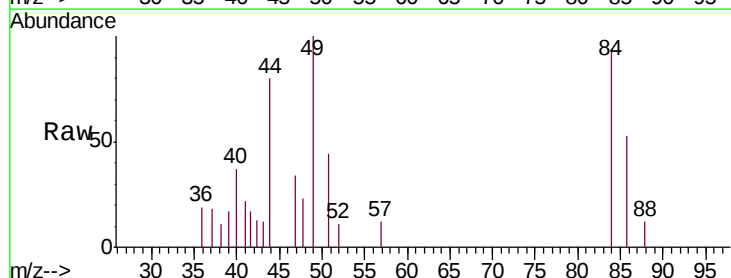
Instrument :
 MSVOA_V
 ClientSampleId :
 A52Q9DL

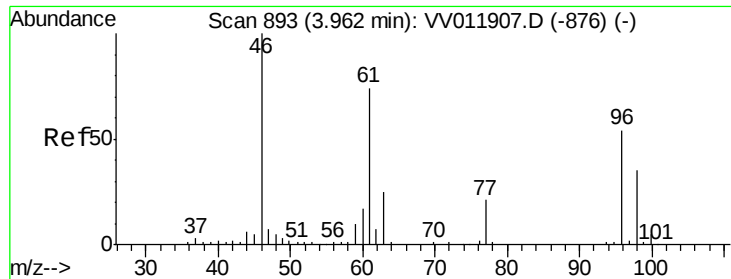
Tgt Ion: 96 Resp: 1139
 Ion Ratio Lower Upper
 96 100
 61 882.9 128.9 239.3#
 63 6509.4 85.5 158.9#



#16
 Methylene chloride
 Concen: 0.118 ug/L
 RT: 2.54 min Scan# 451
 Delta R.T. 0.01 min
 Lab File: VV011913.D
 Acq: 17 Jul 2019 15:46

Tgt Ion: 84 Resp: 1040
 Ion Ratio Lower Upper
 84 100
 86 56.6 44.8 83.2
 49 105.9 90.4 168.0



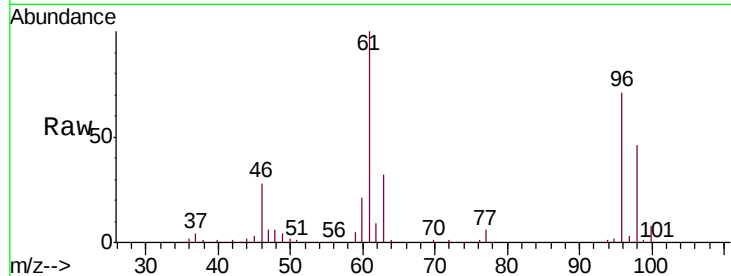


#22

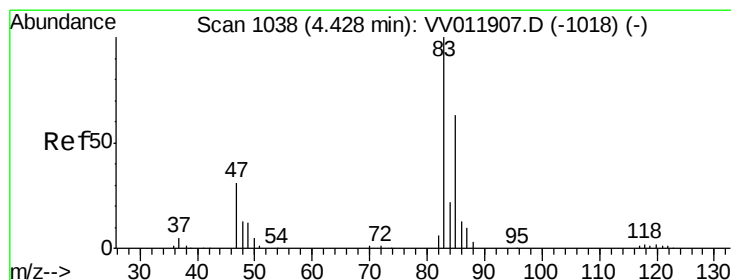
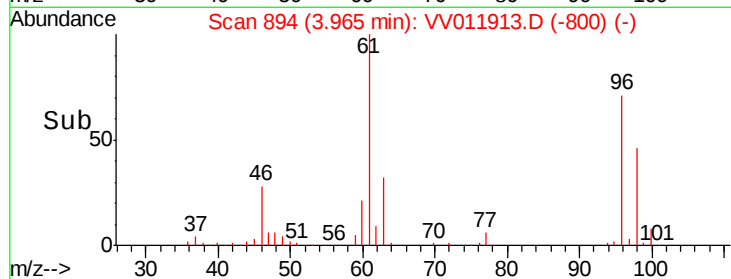
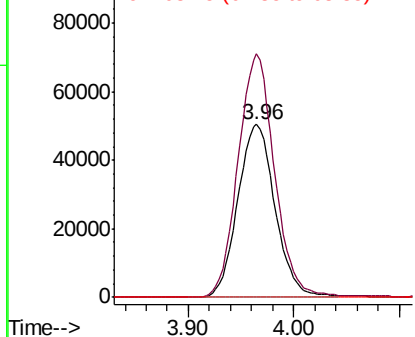
cis-1,2-Dichloroethene
Concen: 10.234 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV011913.D
Acq: 17 Jul 2019 15:46

Instrument :
MSVOA_V
ClientSampleId :
A52Q9DL

Tgt Ion: 96 Resp: 124010
Ion Ratio Lower Upper
96 100
61 140.9 95.2 176.8
68 0.0 0.0 0.0



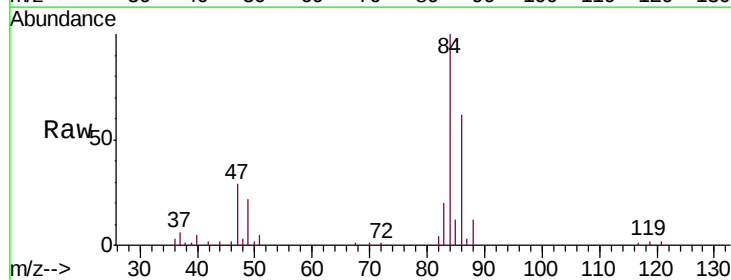
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



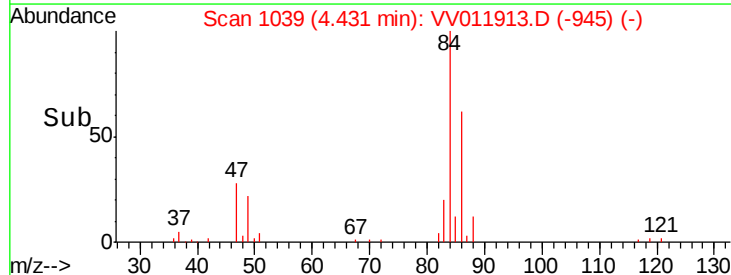
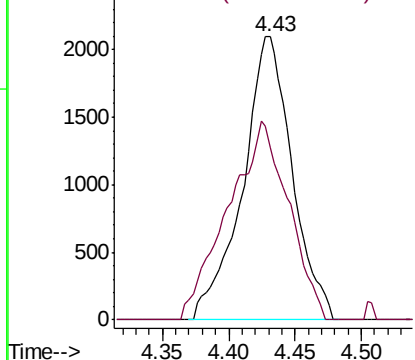
#25

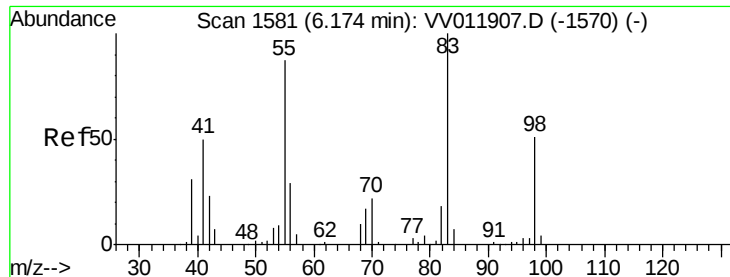
Chloroform
Concen: 0.227 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV011913.D
Acq: 17 Jul 2019 15:46

Tgt Ion: 83 Resp: 5442
Ion Ratio Lower Upper
83 100
85 60.9 42.5 78.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

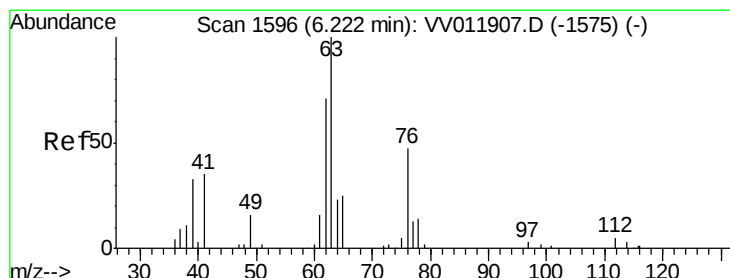
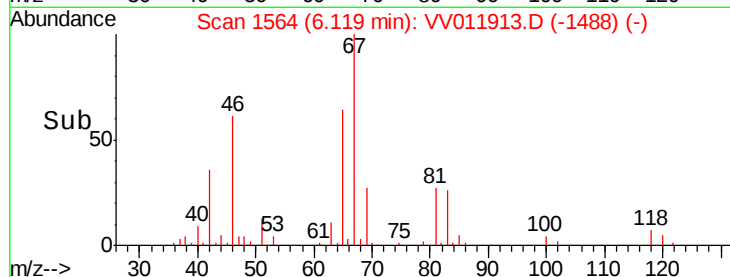
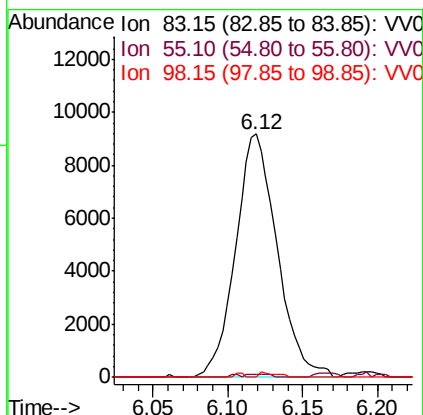
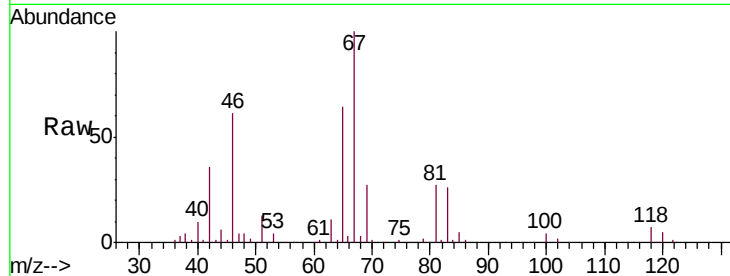




#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011913.D
Acq: 17 Jul 2019 15:46

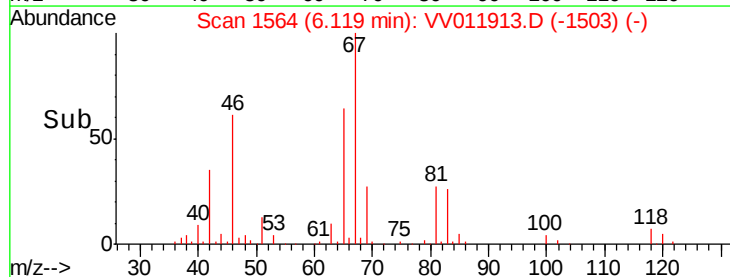
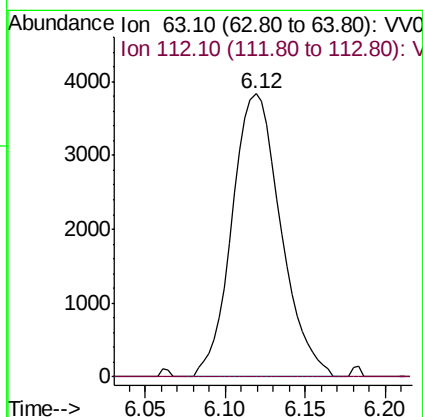
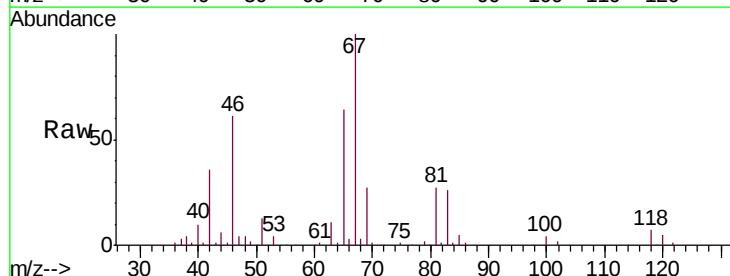
Instrument :
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ClientSampleId :
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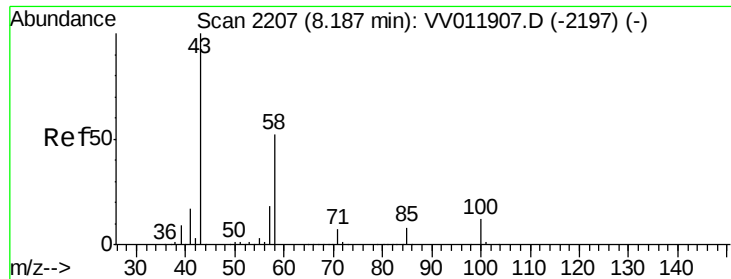
Tgt Ion: 83 Resp: 17717
Ion Ratio Lower Upper
83 100
55 0.8 66.7 100.1#
98 0.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011913.D
Acq: 17 Jul 2019 15:46

Tgt Ion: 63 Resp: 7992
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

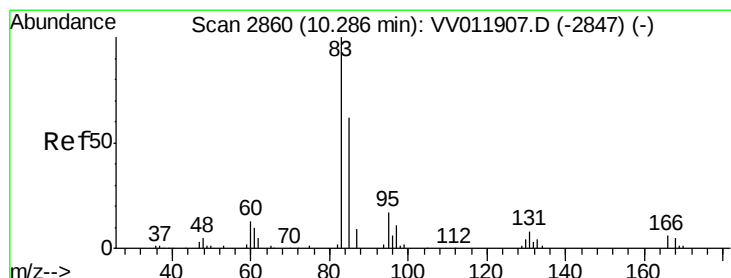
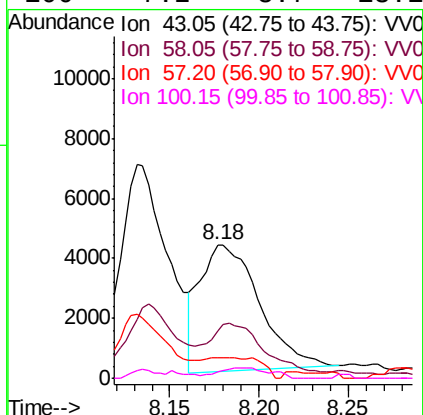
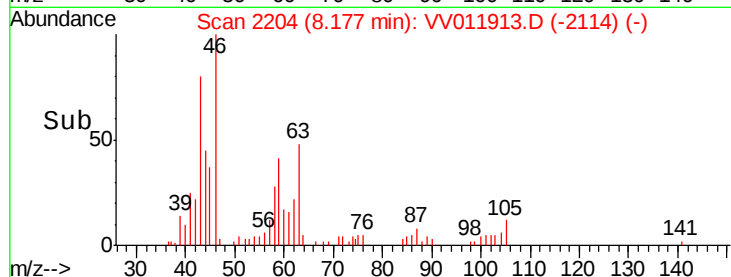
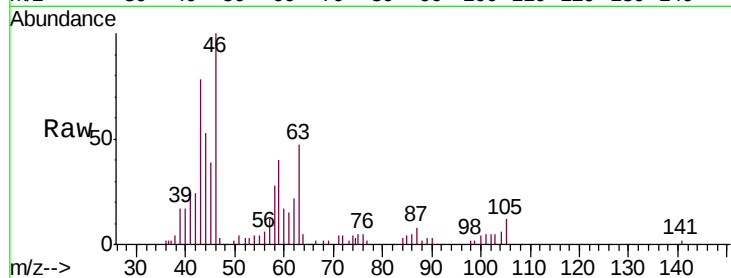




#48
 2-Hexanone
 Concen: 1.955 ug/L
 RT: 8.18 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: VV011913.D
 Acq: 17 Jul 2019 15:46

Instrument :
 MSVOA_V
 ClientSampleId :
 A52Q9DL

Tgt Ion: 43 Resp: 9736
 Ion Ratio Lower Upper
 43 100
 58 38.2 41.1 61.7#
 57 14.9 14.3 21.5
 100 7.2 8.7 13.1#



#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.061 ug/L
 RT: 10.28 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: VV011913.D
 Acq: 17 Jul 2019 15:46

Tgt Ion: 83 Resp: 456
 Ion Ratio Lower Upper
 83 100
 85 125.1 44.9 83.3#
 131 95.6 8.2 12.2#

