

Data File : VV008841.D
Acq On : 05 Dec 2018 12:43
Operator : SY/MD
Sample : VV1205WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Quant Time: Dec 06 04:58:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 06 04:51:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	118243	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	109398	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50420	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28796	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	22191	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	43932	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.97	46	55473	35.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.24%
24) Chloroform-d	4.40	84	67343	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	33832	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	141297	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	40342	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	127679	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	14859	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	56734	46.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25450	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	46260	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

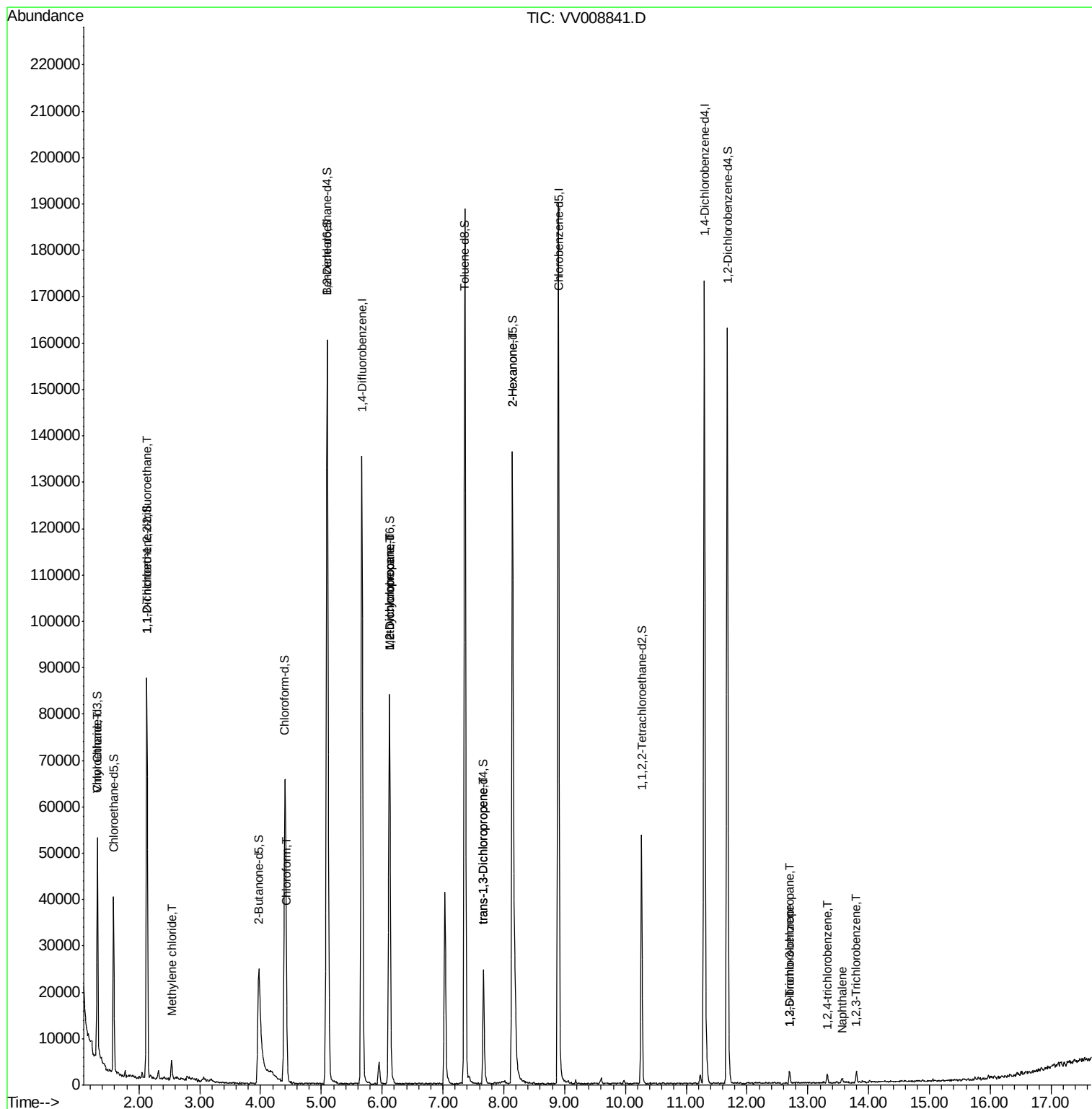
						Qvalue
8) Chloroethane	1.32	64	487	0.114	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	587	0.088	ug/L #	19
16) Methylene chloride	2.54	84	1507	0.241	ug/L	97
25) Chloroform	4.43	83	1452	0.097	ug/L	100
35) Methylcyclohexane	6.12	83	9947	0.695	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	4423	0.580	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	705	0.085	ug/L	89
48) 2-Hexanone	8.14	43	7414	2.720	ug/L #	58
66) 1,2-Dibromo-3-chloropropan	12.70	75	73	0.097	ug/L #	2
67) 1,3,5-Trichlorobenzene	12.70	180	1016	0.084	ug/L #	85
68) 1,2,4-trichlorobenzene	13.32	180	1177	0.131	ug/L #	85
69) Naphthalene	13.56	128	1587	0.121	ug/L #	69
70) 1,2,3-Trichlorobenzene	13.80	180	913	0.108	ug/L #	92

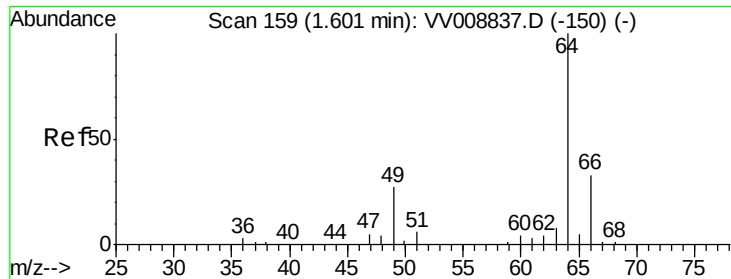
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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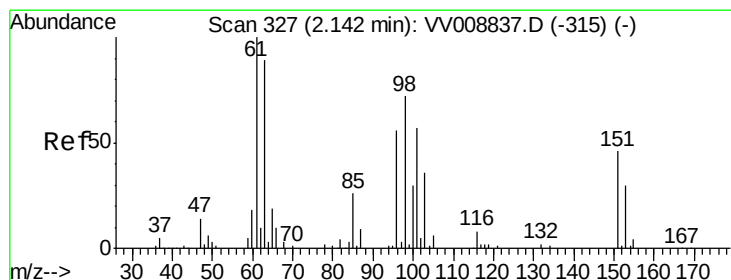
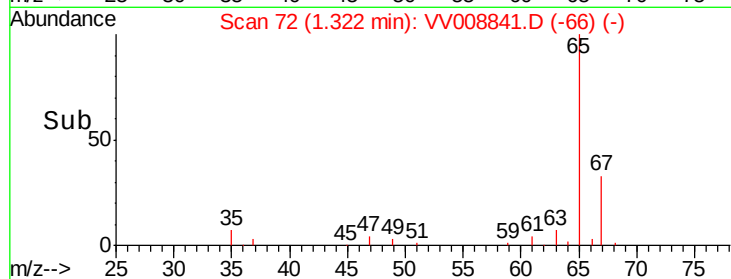
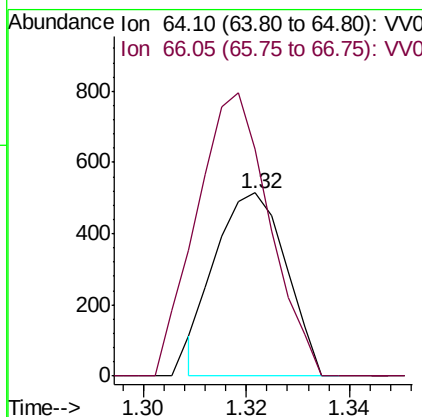
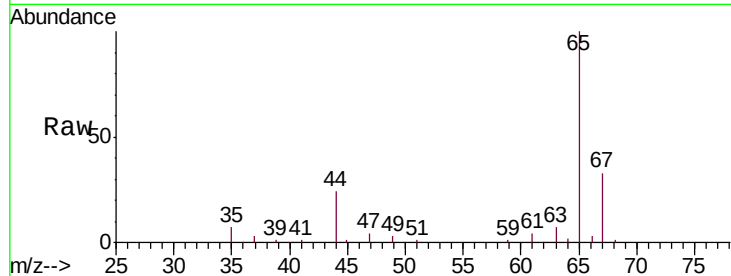




#8
Chloroethane
Concen: 0.114 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.28 min
Lab File: VV008841.D
Acq: 05 Dec 2018 12:43

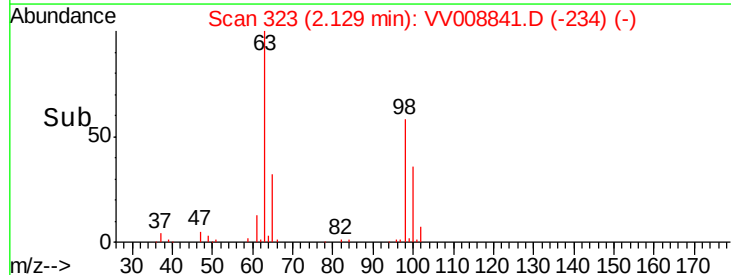
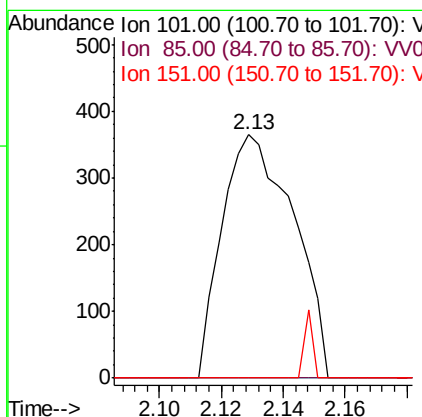
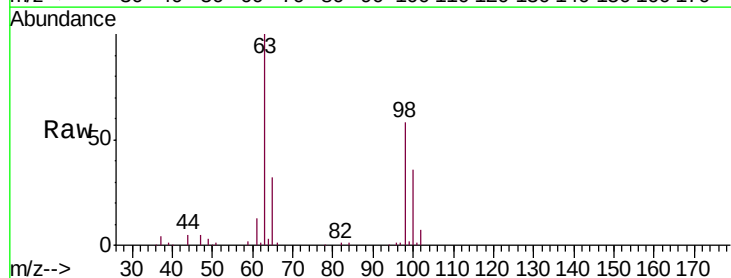
Instrument :
MSVOA_V
ClientSampleId :
VBLK79

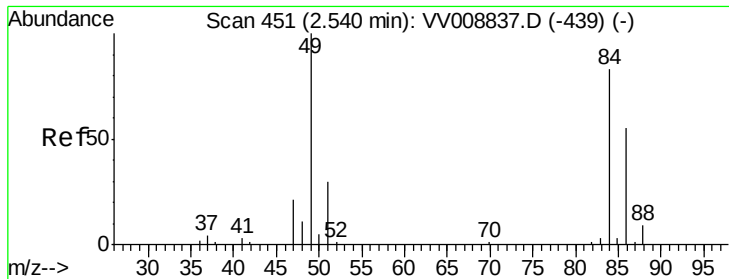
Tgt Ion: 64 Resp: 487
Ion Ratio Lower Upper
64 100
66 124.1 23.4 43.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008841.D
Acq: 05 Dec 2018 12:43

Tgt Ion: 101 Resp: 587
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.6#
151 3.4 65.1 97.7#

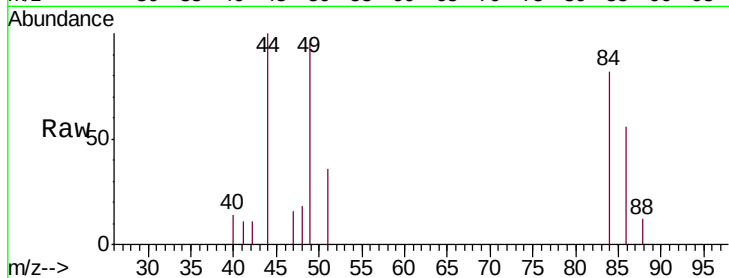




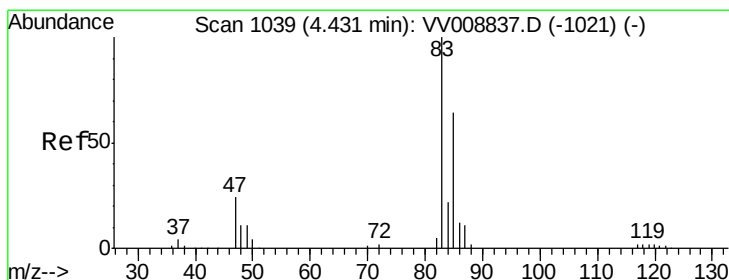
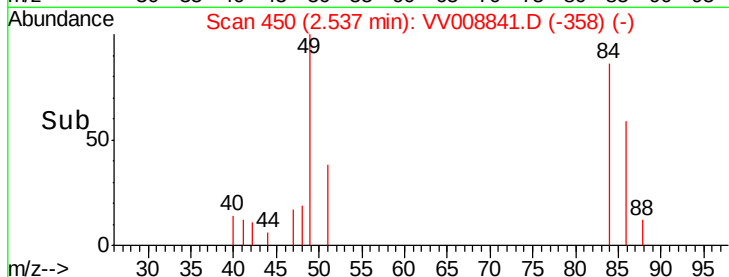
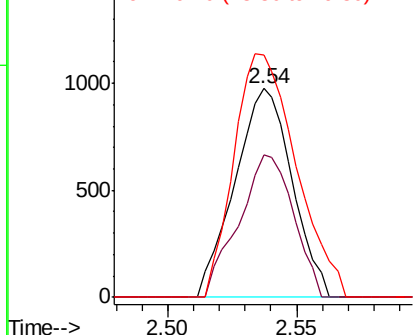
#16
Methylene chloride
Concen: 0.241 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008841.D
Acq: 05 Dec 2018 12:43

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion: 84 Resp: 1507
Ion Ratio Lower Upper
84 100
86 68.1 46.7 86.7
49 116.4 84.8 157.4

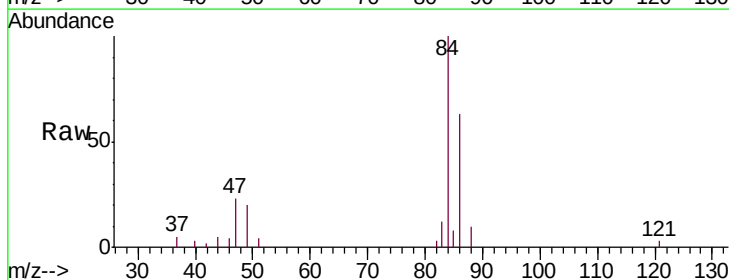


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

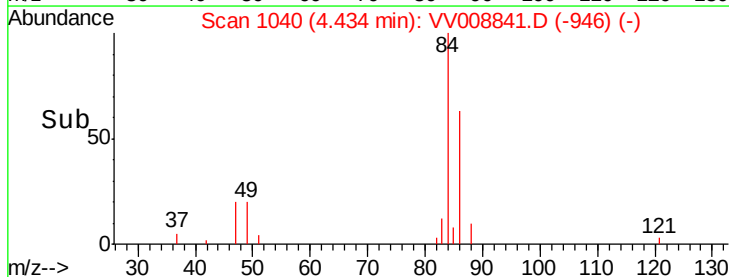
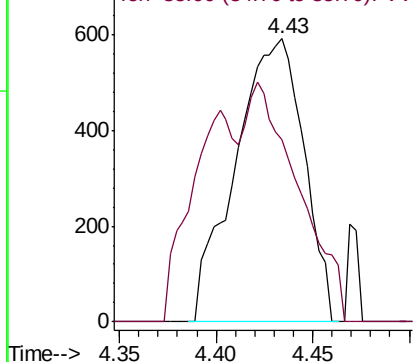


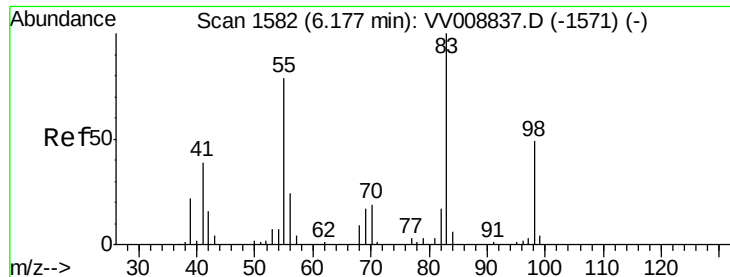
#25
Chloroform
Concen: 0.097 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008841.D
Acq: 05 Dec 2018 12:43

Tgt Ion: 83 Resp: 1452
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.5



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

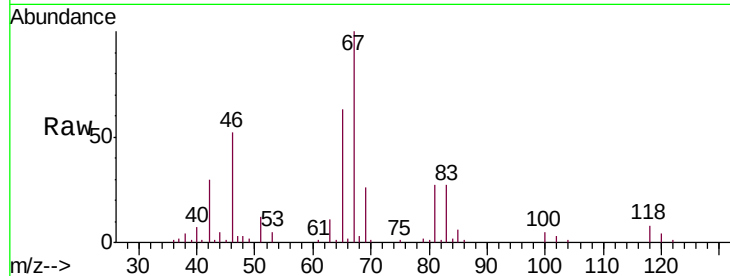




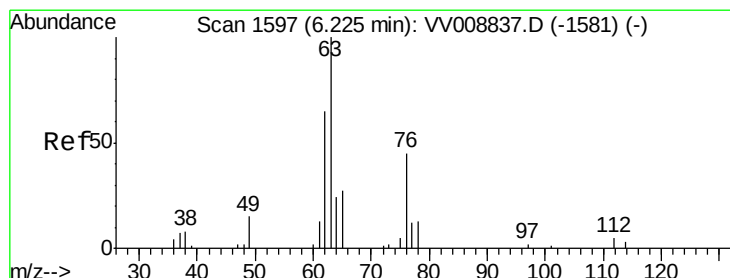
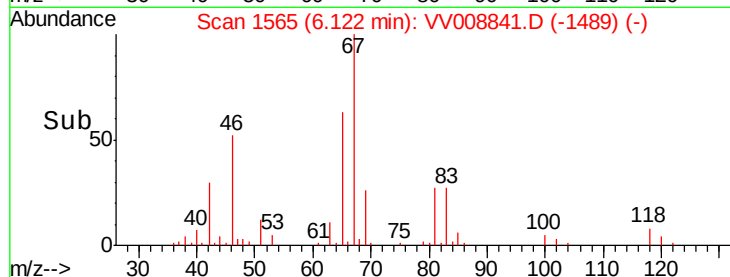
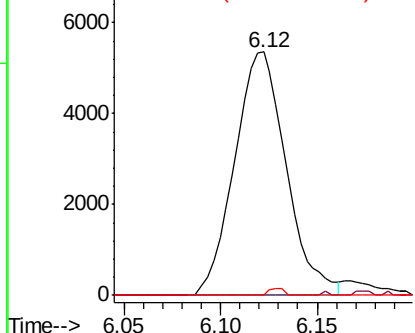
#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008841.D
Acq: 05 Dec 2018 12:43

Instrument :
MSVOA_V
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VBLK79

Tgt Ion: 83 Resp: 9947
Ion Ratio Lower Upper
83 100
55 0.2 60.0 90.0#
98 0.8 39.0 58.6#

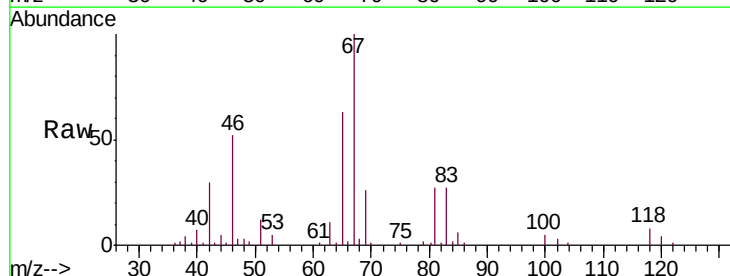


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

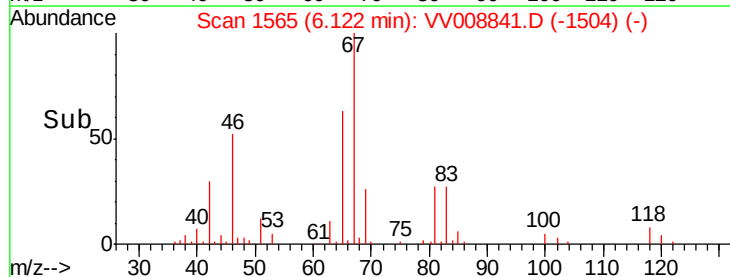
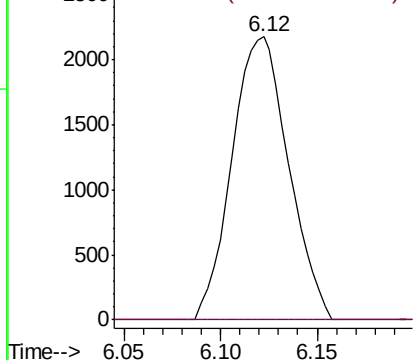


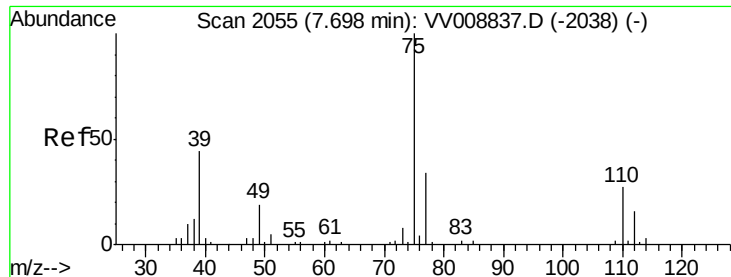
#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008841.D
Acq: 05 Dec 2018 12:43

Tgt Ion: 63 Resp: 4423
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV008841.D

Acq: 05 Dec 2018 12:43

Instrument :

MSVOA_V

ClientSampleId :

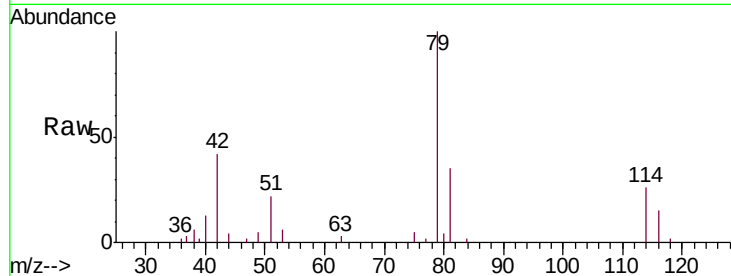
VBLK79

Tgt Ion: 75 Resp: 705

Ion Ratio Lower Upper

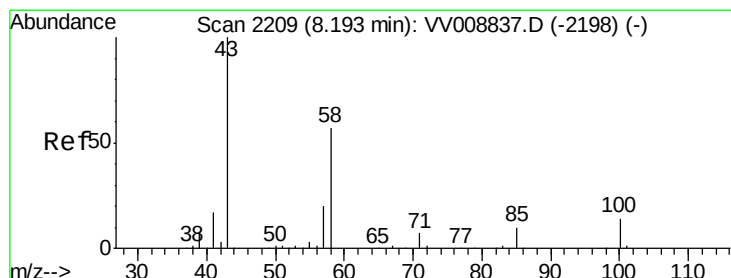
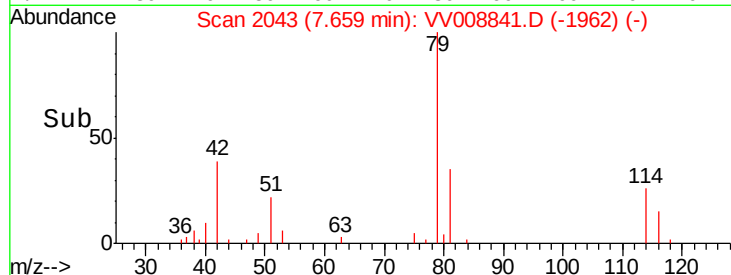
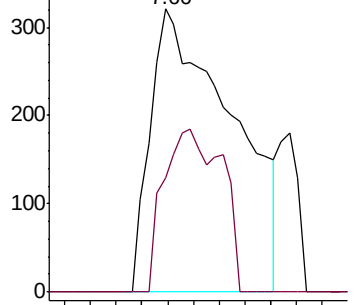
75 100

77 40.2 23.6 43.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.720 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV008841.D

Acq: 05 Dec 2018 12:43

Tgt Ion: 43 Resp: 7414

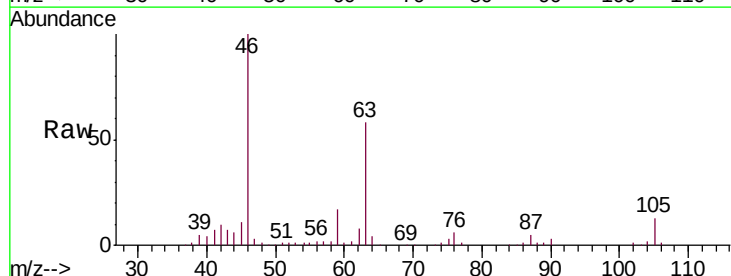
Ion Ratio Lower Upper

43 100

58 16.4 44.4 66.6#

57 26.6 15.8 23.8#

100 0.0 10.9 16.3#

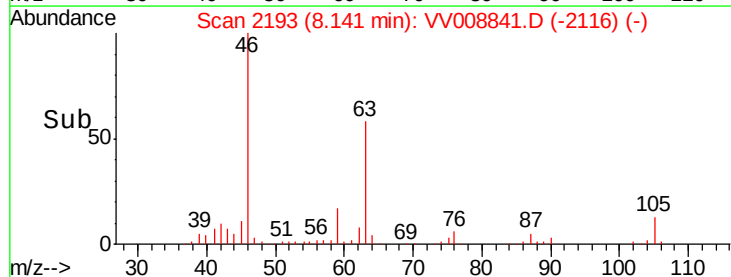
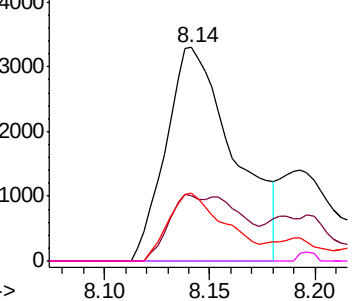


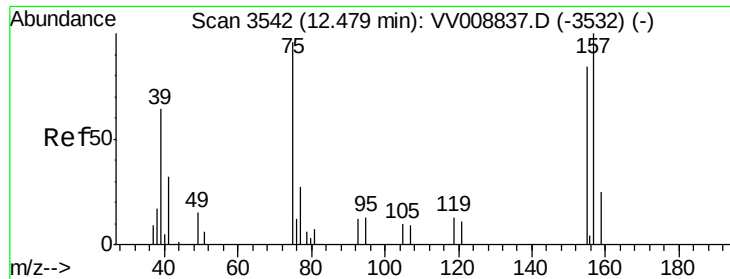
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

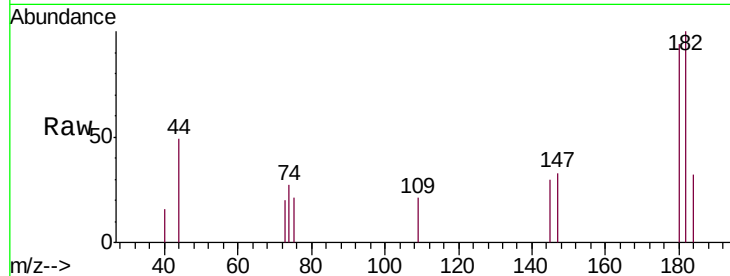




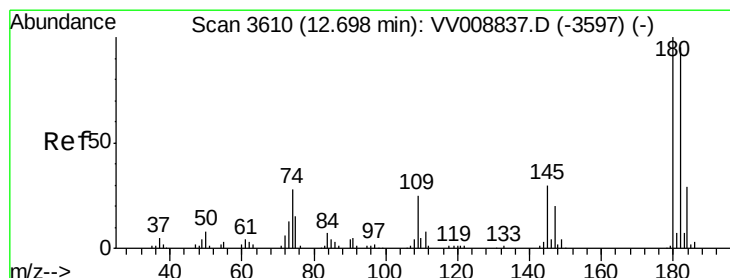
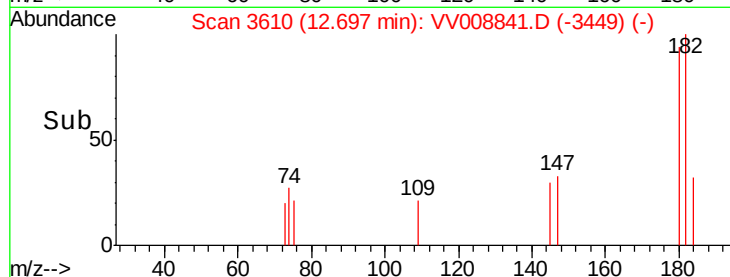
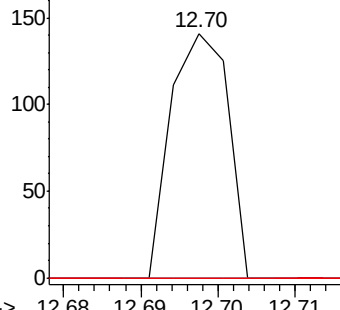
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.097 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.22 min
 Lab File: VV008841.D
 Acq: 05 Dec 2018 12:43

Instrument :
 MSVOA_V
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 VBLK79

Tgt Ion: 75 Resp: 73
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.2 105.4#
 157 0.0 83.4 125.2#

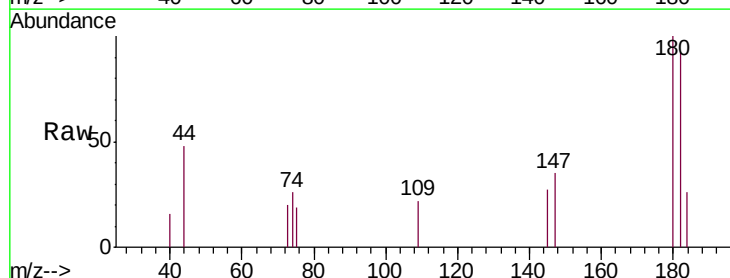


Abundance Ion 75.05 (74.75 to 75.75): VV008841.D (-3449) (-)
 Ion 154.95 (154.65 to 155.65): VV008841.D (-3449) (-)
 Ion 156.90 (156.60 to 157.60): VV008841.D (-3449) (-)

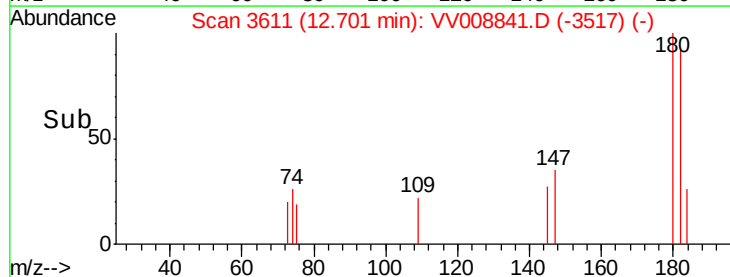
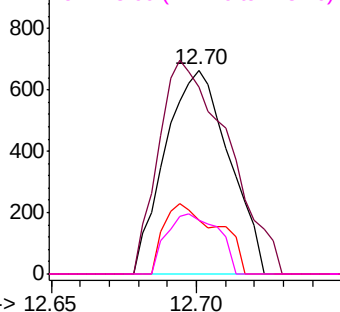


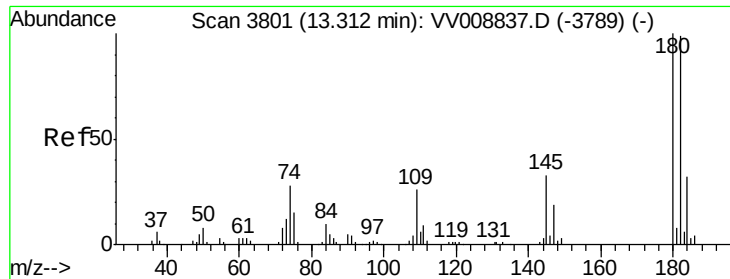
#67
 1,3,5-Trichlorobenzene
 Concen: 0.084 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VV008841.D
 Acq: 05 Dec 2018 12:43

Tgt Ion: 180 Resp: 1016
 Ion Ratio Lower Upper
 180 100
 182 114.4 76.5 114.7
 184 29.0 24.3 36.5
 145 23.8 25.2 37.8#



Abundance Ion 180.00 (179.70 to 180.70): VV008841.D (-3517) (-)
 Ion 182.00 (181.70 to 182.70): VV008841.D (-3517) (-)
 Ion 184.00 (183.70 to 184.70): VV008841.D (-3517) (-)
 Ion 145.00 (144.70 to 145.70): VV008841.D (-3517) (-)

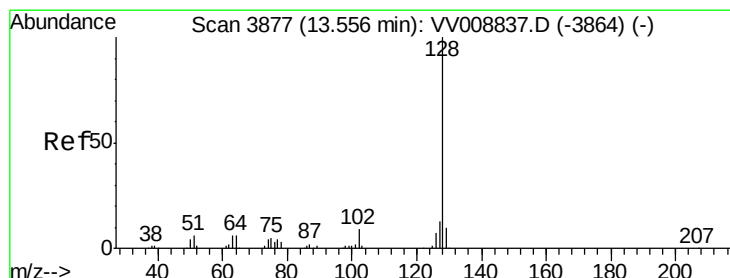
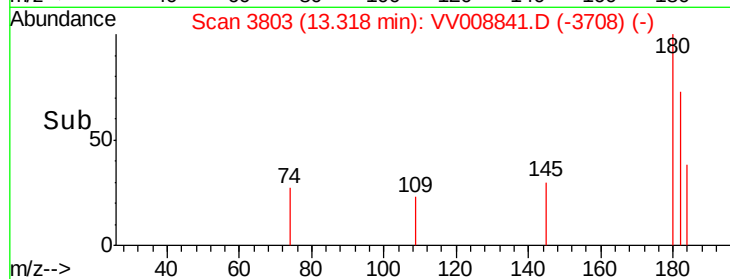
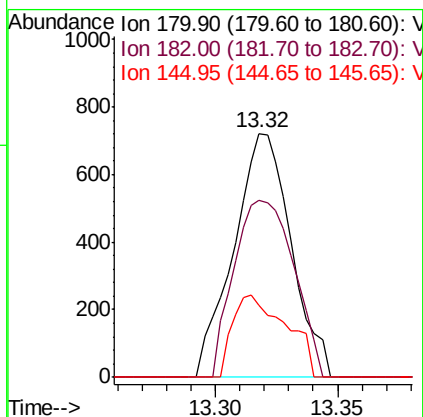
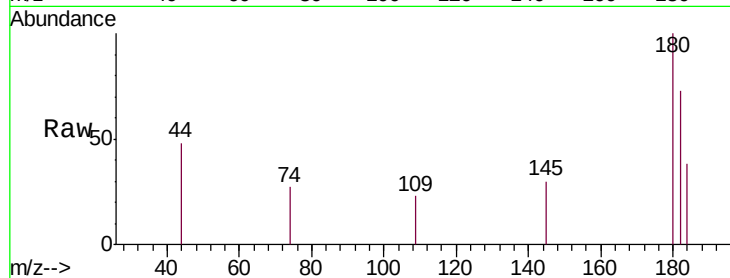




#68
 1,2,4-trichlorobenzene
 Concen: 0.131 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.01 min
 Lab File: VV008841.D
 Acq: 05 Dec 2018 12:43

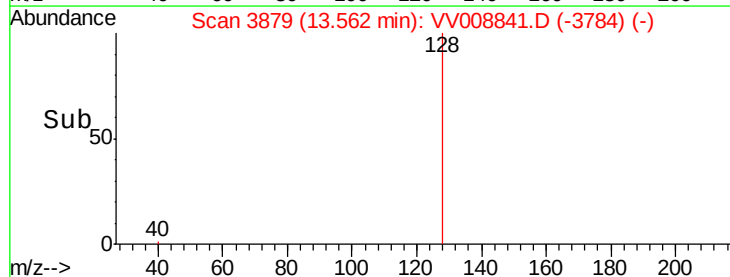
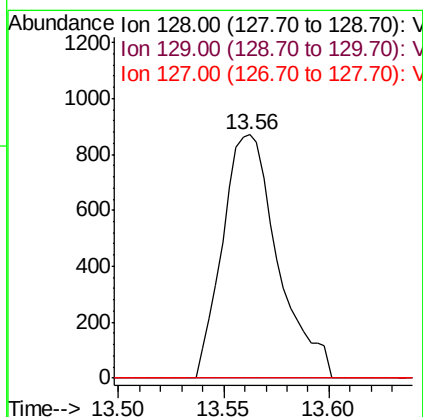
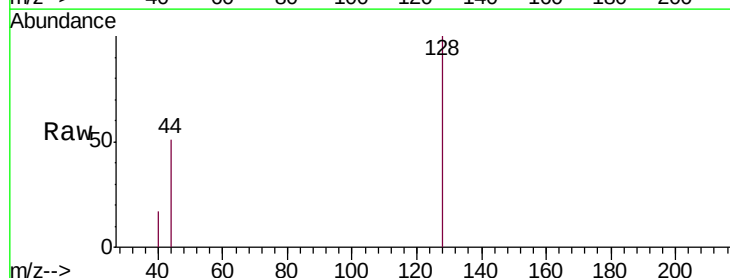
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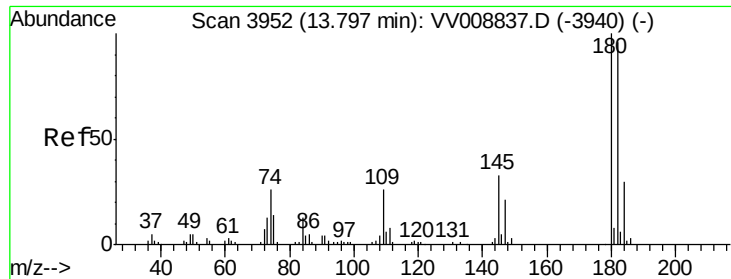
Tgt Ion:180 Resp: 1177
 Ion Ratio Lower Upper
 180 100
 182 76.0 76.2 114.4#
 145 31.8 26.2 39.4



#69
 Naphthalene
 Concen: 0.121 ug/L
 RT: 13.56 min Scan# 3879
 Delta R.T. 0.01 min
 Lab File: VV008841.D
 Acq: 05 Dec 2018 12:43

Tgt Ion:128 Resp: 1587
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.6 12.8#
 127 0.0 10.6 15.8#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.108 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008841.D
 Acq: 05 Dec 2018 12:43

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

Tgt Ion:180 Resp: 913
 Ion Ratio Lower Upper
 180 100
 182 103.9 77.8 116.8
 145 25.8 26.6 40.0#

