

Data File : VV008398.D
Acq On : 24 Oct 2018 17:51
Operator : SY/MD
Sample : VV1024MBL01
Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK74

Quant Time: Oct 25 09:19:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 09:16:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202110	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43188	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.18%
7) Chloroethane-d5	1.57	69	37050	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.72%
11) 1,1-Dichloroethene-d2	2.13	63	64244	31.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.58%
21) 2-Butanone-d5	3.94	46	117563	96.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.67%
24) Chloroform-d	4.41	84	123117	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.09	65	85896	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.11	84	243404	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
36) 1,2-Dichloropropane-d6	6.12	67	84088	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.90%
41) Toluene-d8	7.36	98	214530	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	7.67	79	40453	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.98%
47) 2-Hexanone-d5	8.14	63	92598	99.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.01%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115671	47.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	74948	47.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.72%

Target Compounds

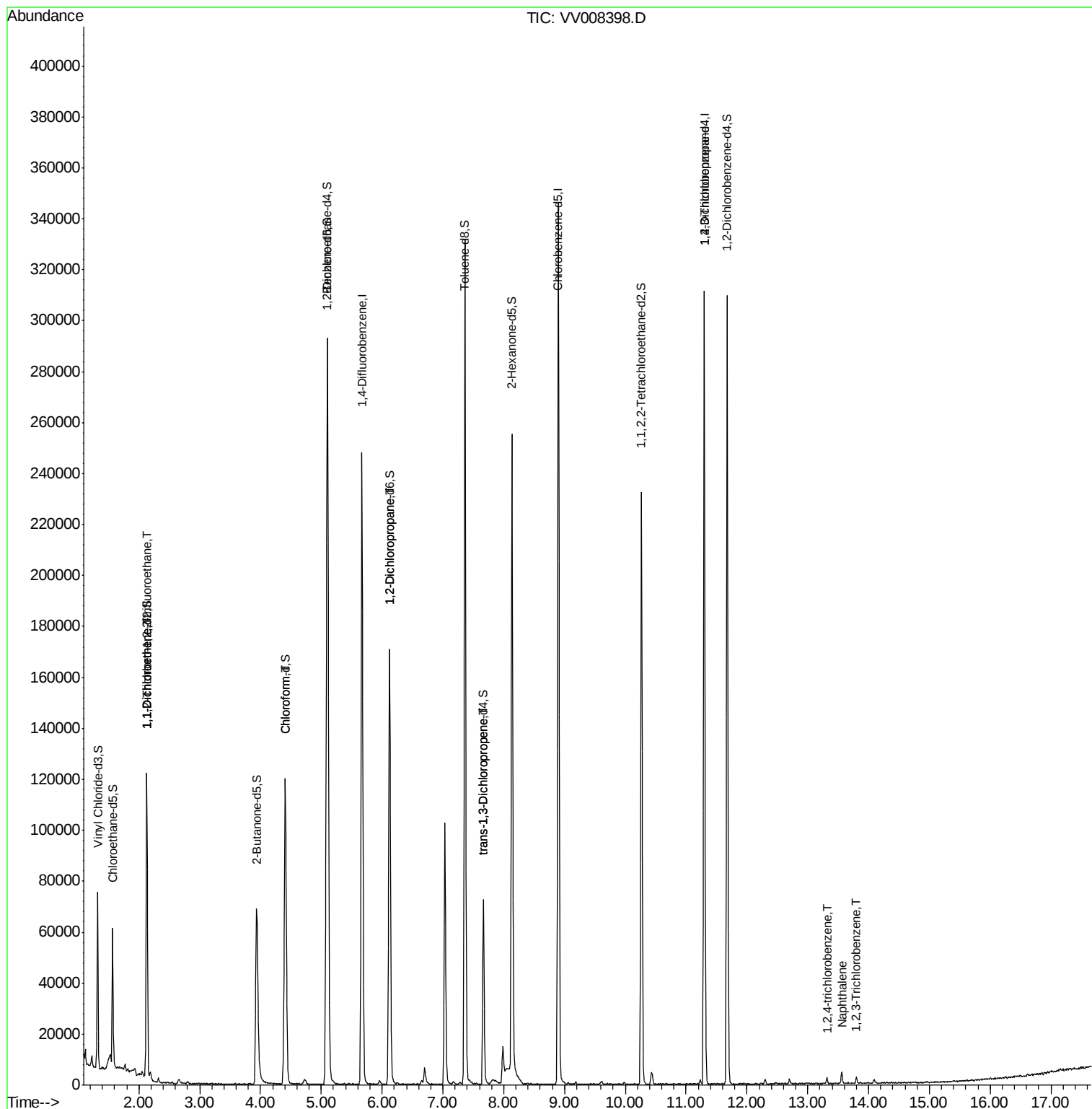
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	575	0.597	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	585	0.645	ug/L #	1
25) Chloroform	4.42	83	378	0.136	ug/L #	1
37) 1,2-Dichloropropane	6.12	63	9180	5.616	ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	2091	0.870	ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	10337	5.046	ug/L	90
68) 1,2,4-Trichlorobenzene	13.32	180	840	0.622	ug/L	97
69) Naphthalene	13.56	128	4129	0.945	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.80	180	1037	0.768	ug/L	94

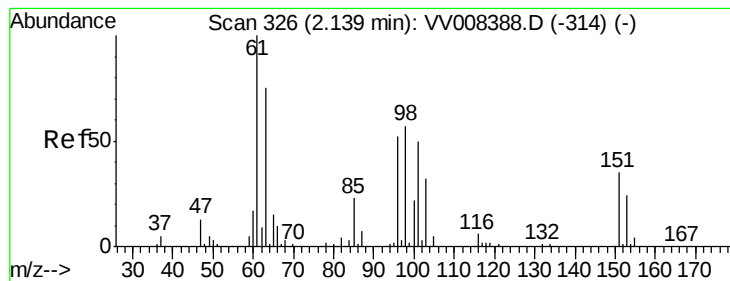
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.597 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

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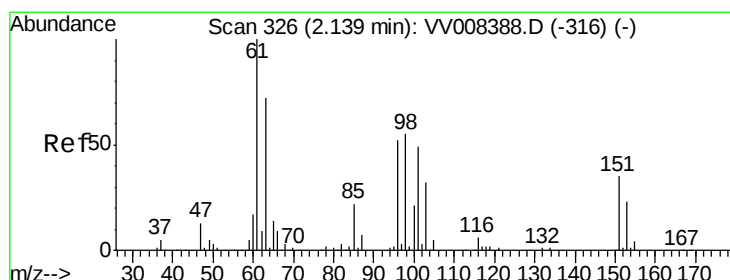
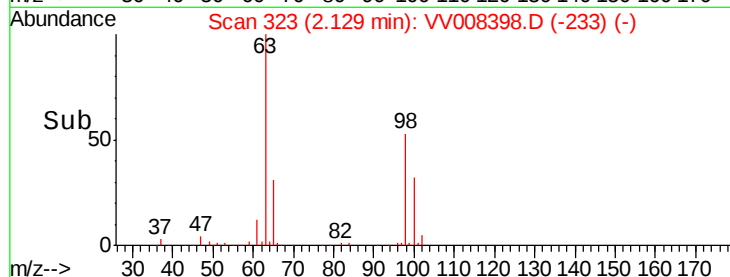
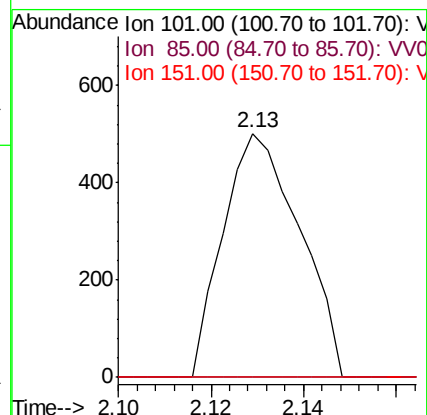
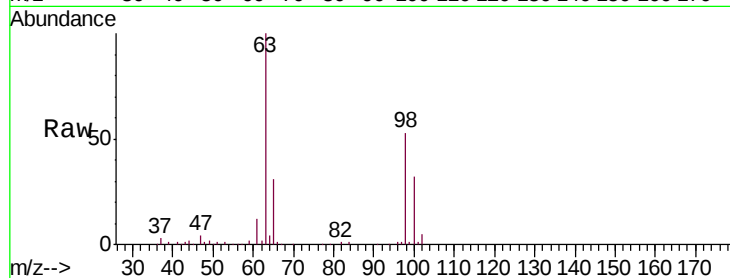
Tgt Ion:101 Resp: 575

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#



#12

1,1-Dichloroethene

Concen: 0.645 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008398.D

Acq: 24 Oct 2018 17:51

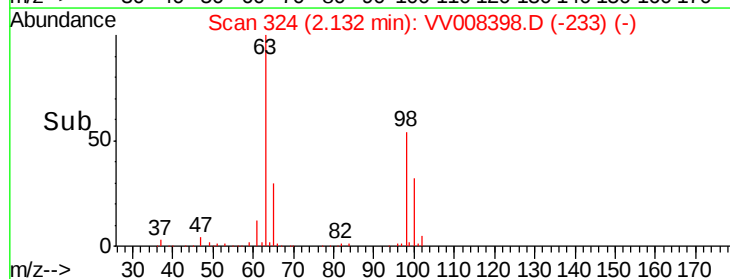
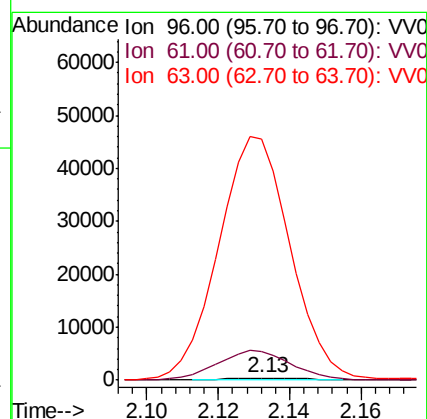
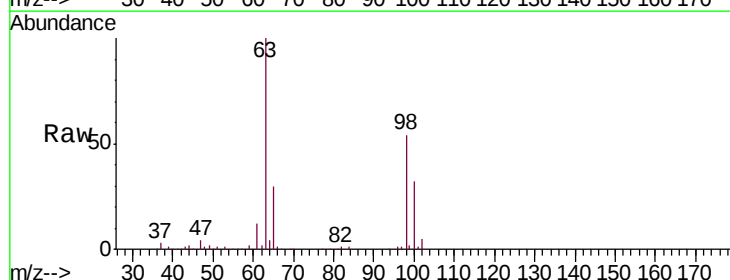
Tgt Ion: 96 Resp: 585

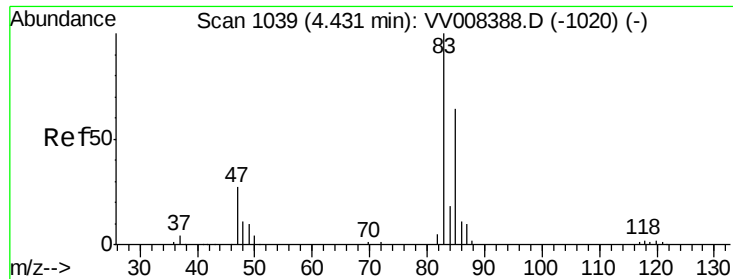
Ion Ratio Lower Upper

96 100

61 1463.6 130.3 242.1#

63 12147.6 84.4 156.8#

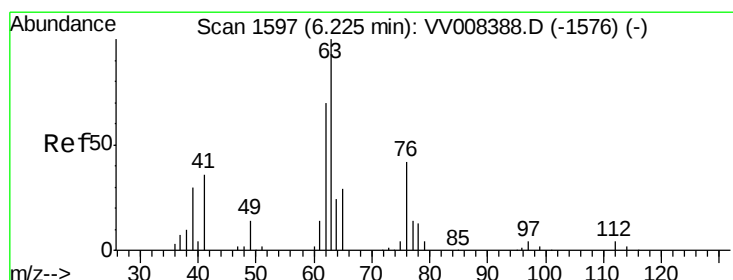
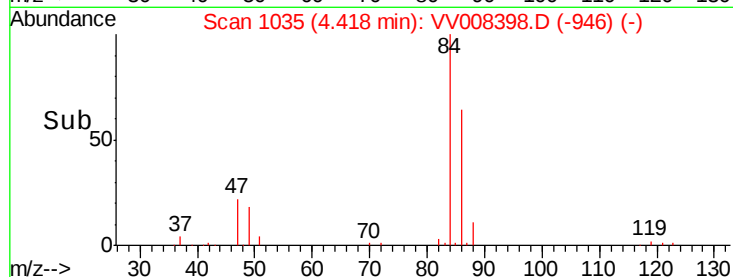
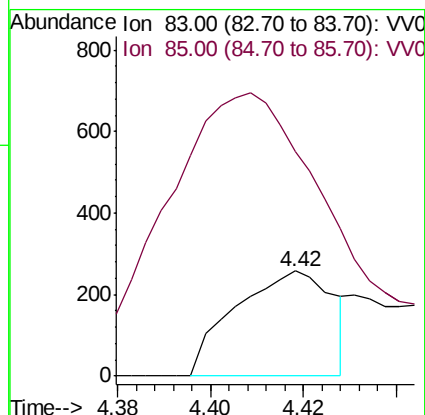
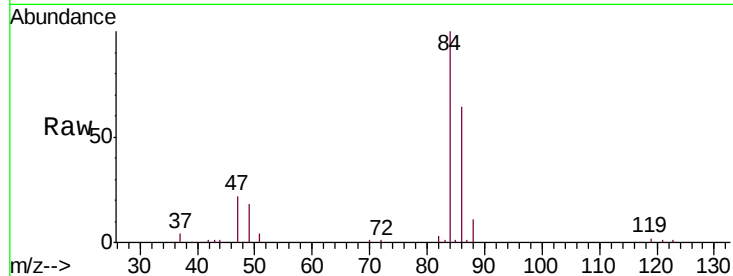




#25
Chloroform
Concen: 0.136 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV008398.D
Acq: 24 Oct 2018 17:51

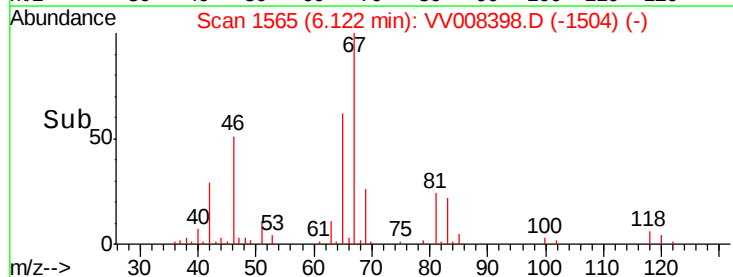
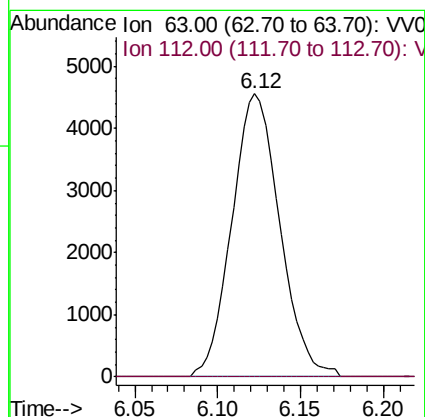
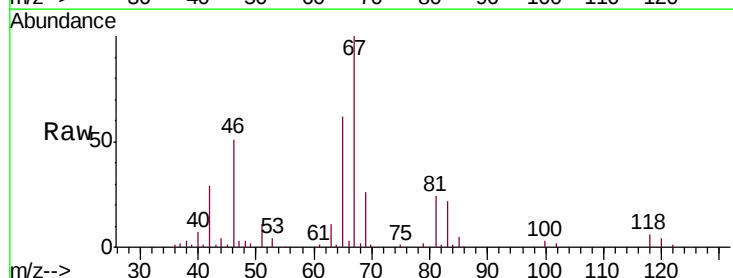
Instrument :
MSVOA_V
ClientSampleId :
VBLK74

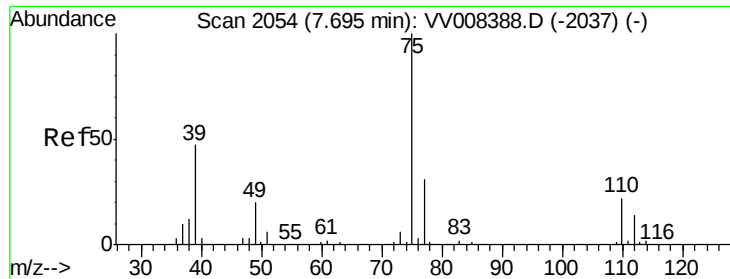
Tgt Ion: 83 Resp: 378
Ion Ratio Lower Upper
83 100
85 214.8 45.8 85.2#



#37
1,2-Dichloropropane
Concen: 5.616 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008398.D
Acq: 24 Oct 2018 17:51

Tgt Ion: 63 Resp: 9180
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#44

trans-1,3-Dichloropropene

Concen: 0.870 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008398.D

Acq: 24 Oct 2018 17:51

Instrument :

MSVOA_V

ClientSampleId :

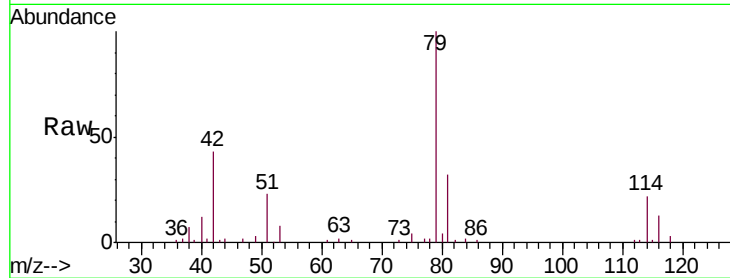
VBLK74

Tgt Ion: 75 Resp: 2091

Ion Ratio Lower Upper

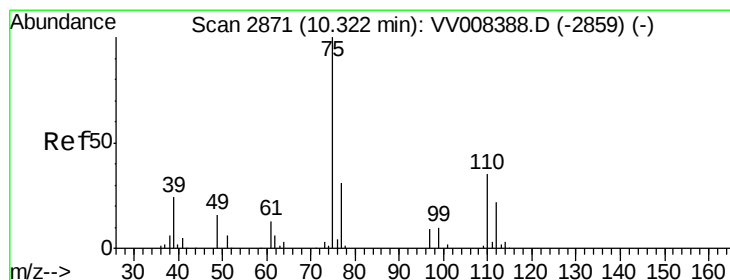
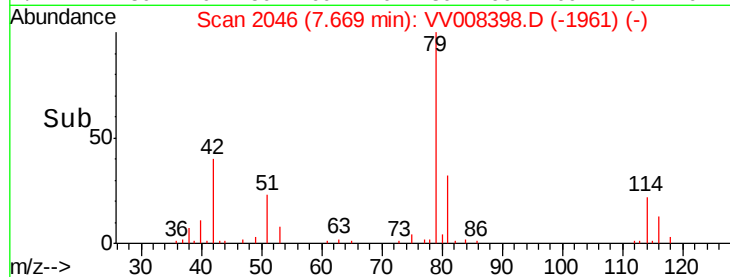
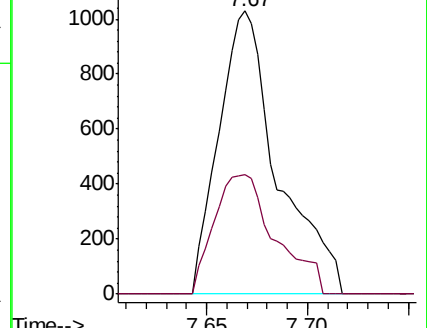
75 100

77 42.2 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008388.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008388.D (-2037) (-)



#59

1,2,3-Trichloropropane

Concen: 5.046 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008398.D

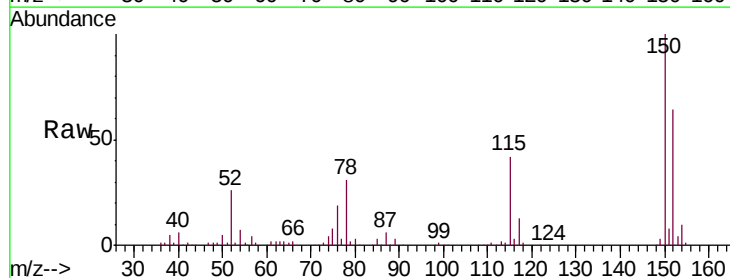
Acq: 24 Oct 2018 17:51

Tgt Ion: 75 Resp: 10337

Ion Ratio Lower Upper

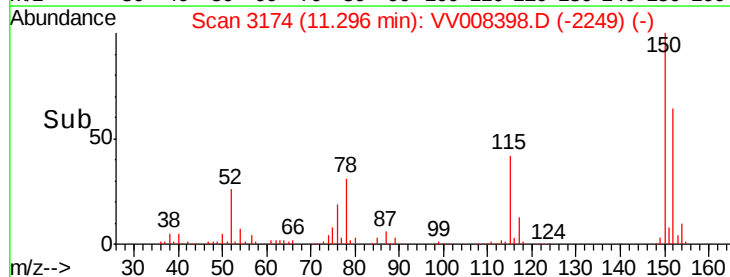
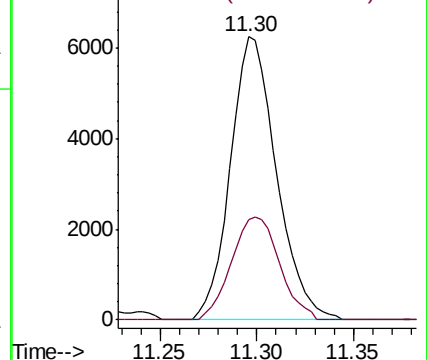
75 100

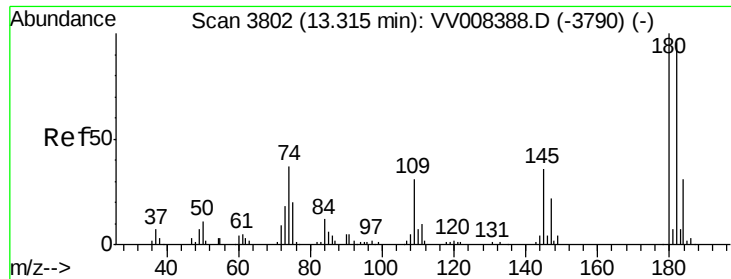
77 37.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008388.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008388.D (-2859) (-)

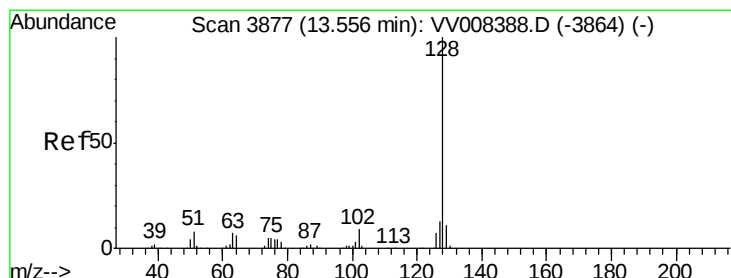
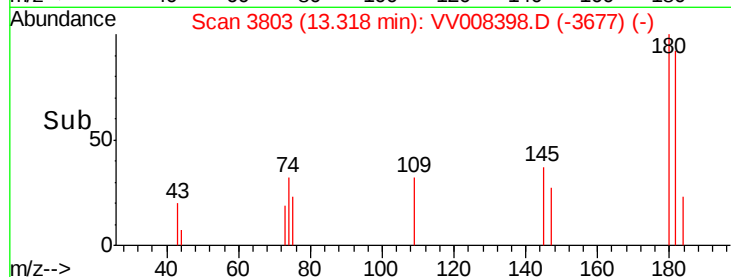
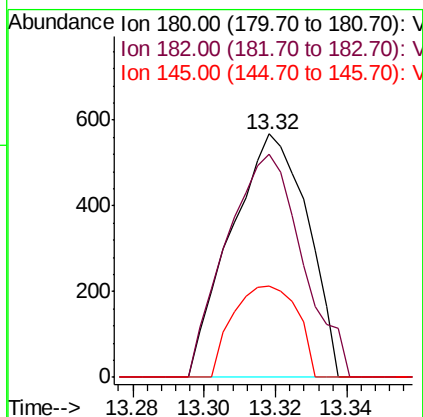
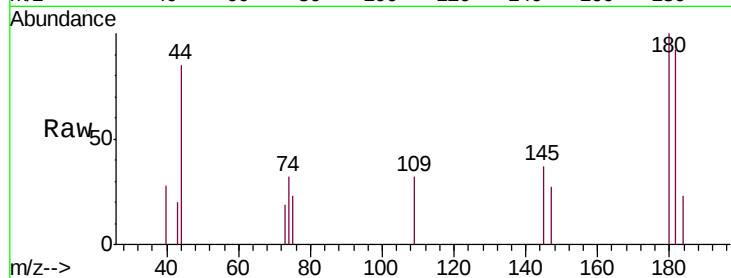




#68
 1,2,4-trichlorobenzene
 Concen: 0.622 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.01 min
 Lab File: VV008398.D
 Acq: 24 Oct 2018 17:51

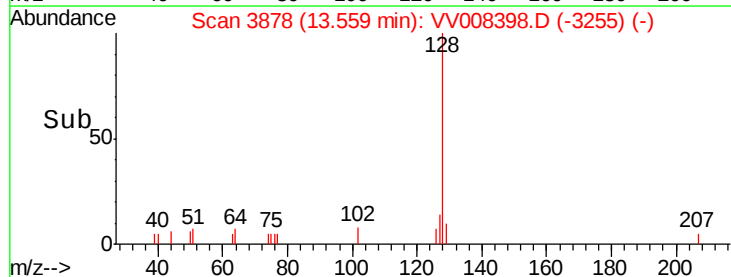
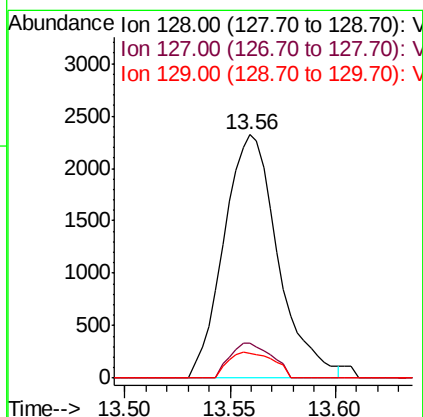
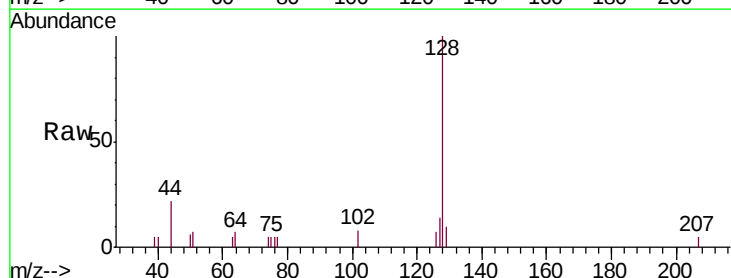
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK74

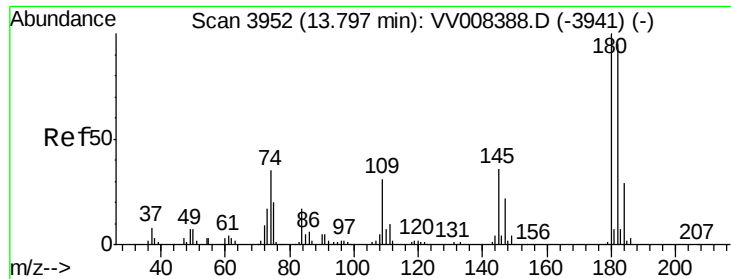
Tgt Ion:180 Resp: 840
 Ion Ratio Lower Upper
 180 100
 182 91.1 75.4 113.2
 145 31.7 27.0 40.6



#69
 Naphthalene
 Concen: 0.945 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VV008398.D
 Acq: 24 Oct 2018 17:51

Tgt Ion:128 Resp: 4129
 Ion Ratio Lower Upper
 128 100
 127 11.1 10.6 15.8
 129 8.9 8.9 13.3#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.768 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008398.D
 Acq: 24 Oct 2018 17:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK74

Tgt Ion:	180	Resp:	1037
Ion	Ratio	Lower	Upper
180	100		
182	99.9	75.7	113.5
145	31.7	28.6	43.0

