

Data File : VV008573.D
Acq On : 15 Nov 2018 16:36
Operator : SY/MD
Sample : VV1115MBL01
Misc : 5.0g/5mL/100uL/5mLMSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB47

Quant Time: Nov 16 04:20:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 04:13:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	277751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97777	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81006	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.62%
7) Chloroethane-d5	1.58	69	62535	50.39	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.78%
11) 1,1-Dichloroethene-d2	2.13	63	114506	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.94%
21) 2-Butanone-d5	3.93	46	153902	98.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	4.40	84	180944	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.08	65	120849	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
32) Benzene-d6	5.10	84	382304	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.12	67	122377	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.38%
41) Toluene-d8	7.36	98	338210	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%
43) trans-1,3-Dichloropropene-	7.67	79	56488	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.13	63	104587	95.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.47%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	149547	45.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.38%
64) 1,2-Dichlorobenzene-d4	11.68	152	110673	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.13	101	1057	0.409 ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1126	0.762 ug/L #	19
12) 1,1-Dichloroethene	2.14	96	1105	0.837 ug/L #	1
16) Methylene chloride	2.54	84	1210	0.572 ug/L	95
44) trans-1,3-Dichloropropene	7.66	75	2642	0.883 ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	12275	4.844 ug/L	90
62) 1,3-Dichlorobenzene	11.23	146	1414	0.436 ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	1822	0.561 ug/L	90
68) 1,2,4-trichlorobenzene	13.32	180	1227	0.696 ug/L	93
69) Naphthalene	13.56	128	4337	0.840 ug/L #	94
70) 1,2,3-Trichlorobenzene	13.80	180	1170	0.659 ug/L #	89

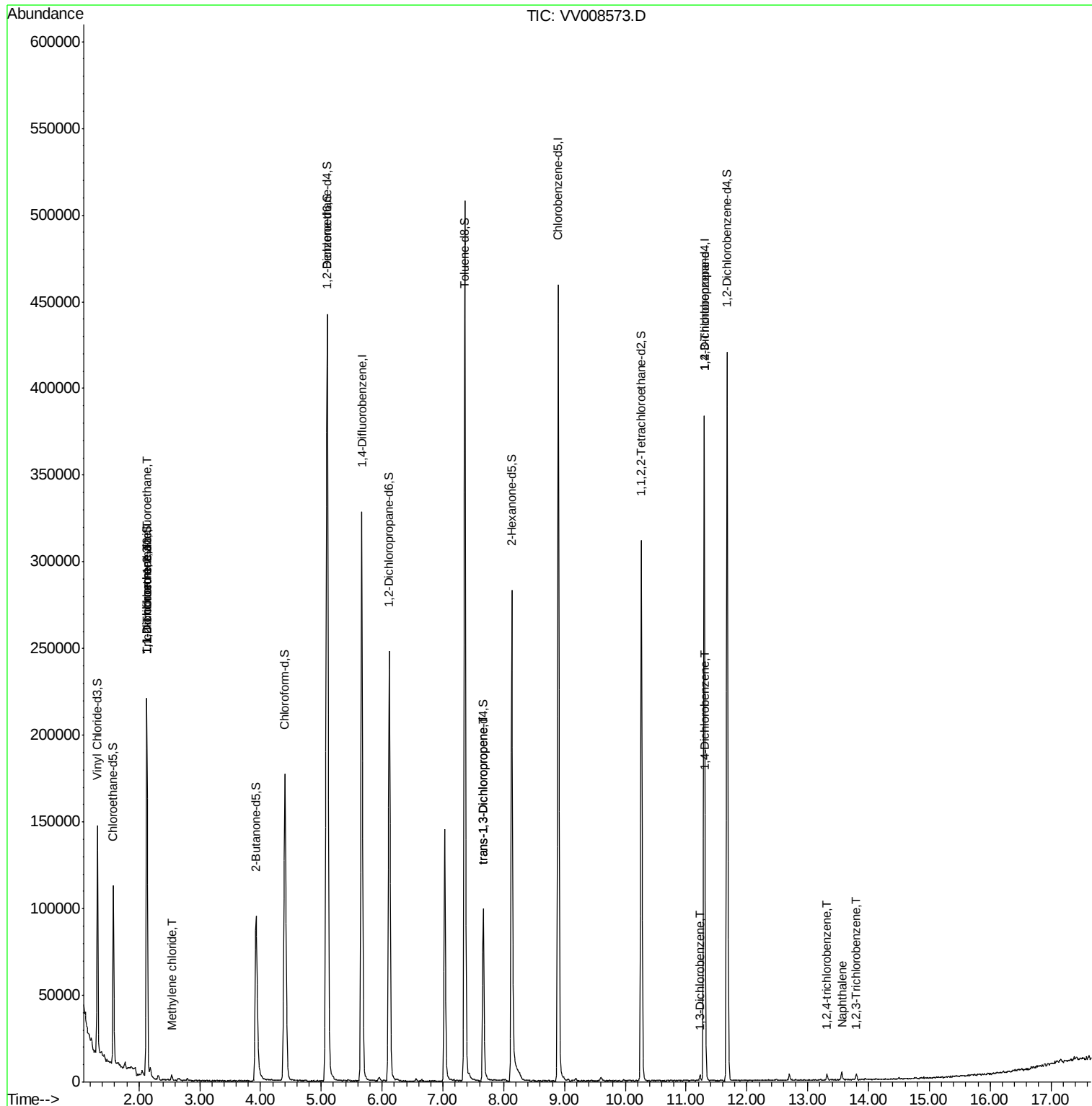
(#) = qualifier out of range (m) = manual integration (+) = signals summed

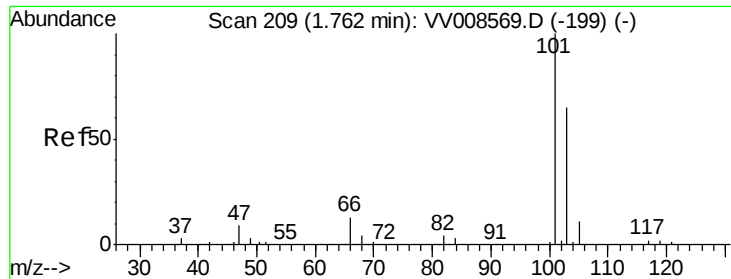
Data File : VV008573.D

```
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Quant Title : VOC Analysis
QLast Update : Fri Nov 16 04:13:42 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.409 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.37 min

Lab File: VV008573.D

Acq: 15 Nov 2018 16:36

Instrument :

MSVOA_V

ClientSampleId :

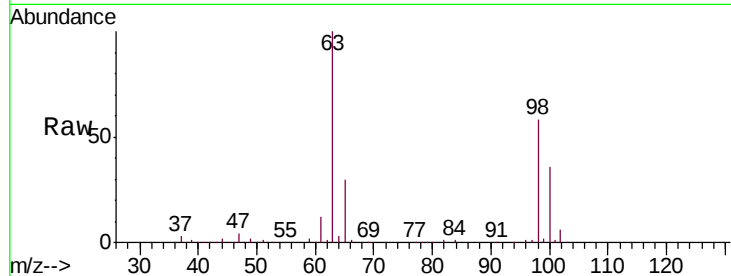
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Tgt Ion:101 Resp: 1057

Ion Ratio Lower Upper

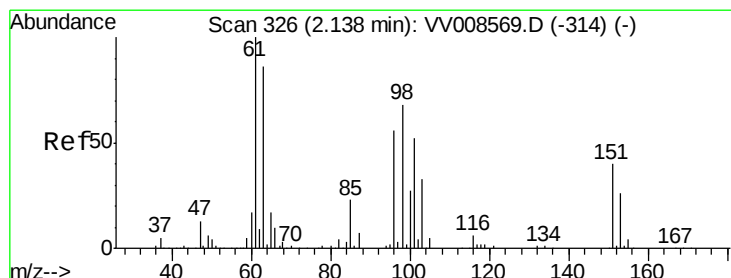
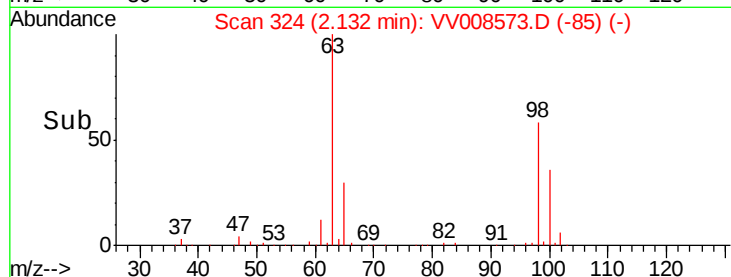
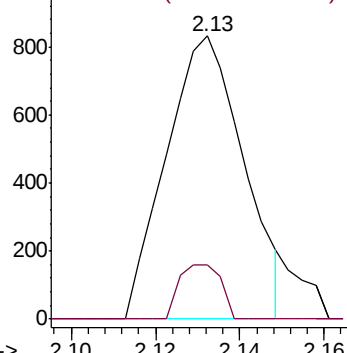
101 100

103 10.5 52.5 78.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.762 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008573.D

Acq: 15 Nov 2018 16:36

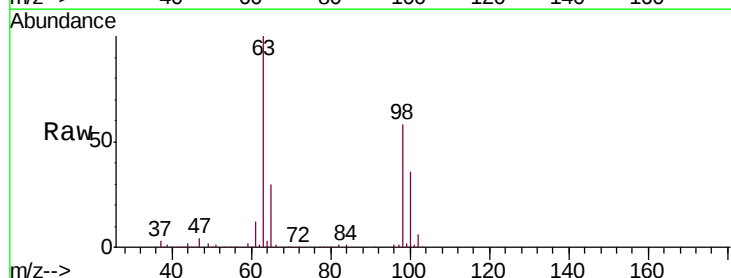
Tgt Ion:101 Resp: 1126

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

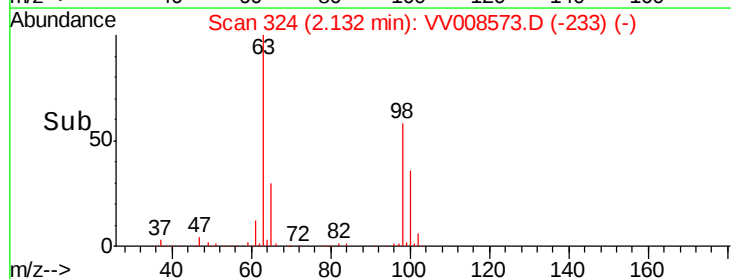
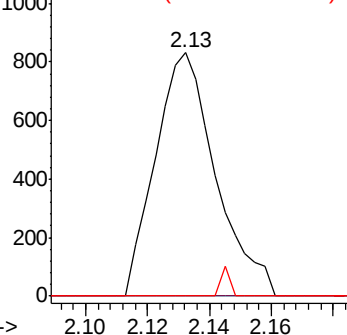
151 0.0 60.9 91.3#

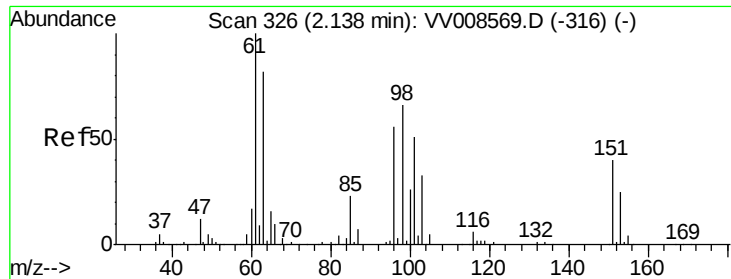


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

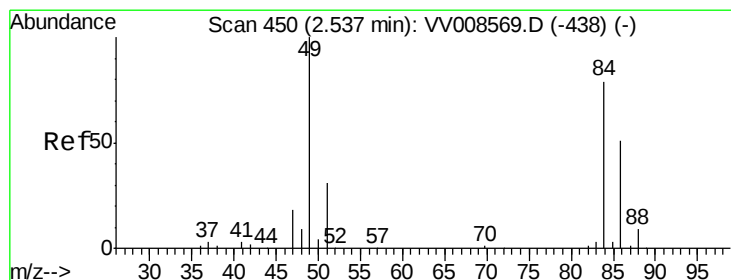
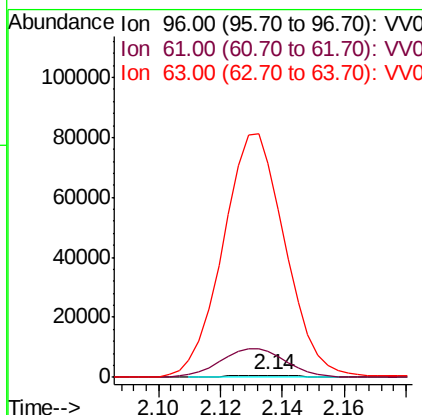
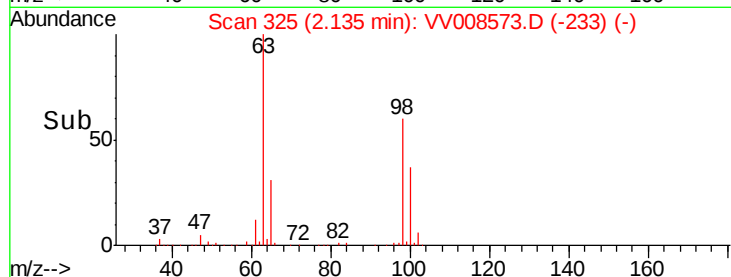
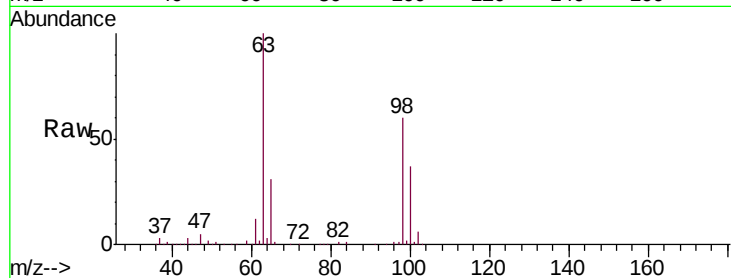




#12
 1,1-Dichloroethene
 Concen: 0.837 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV008573.D
 Acq: 15 Nov 2018 16:36

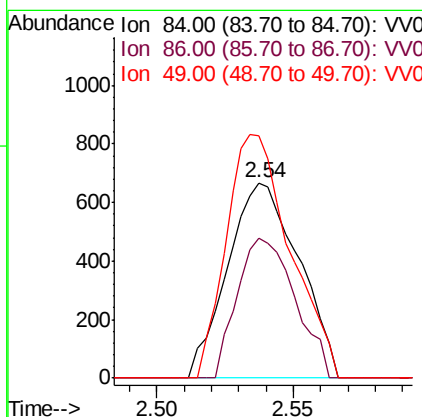
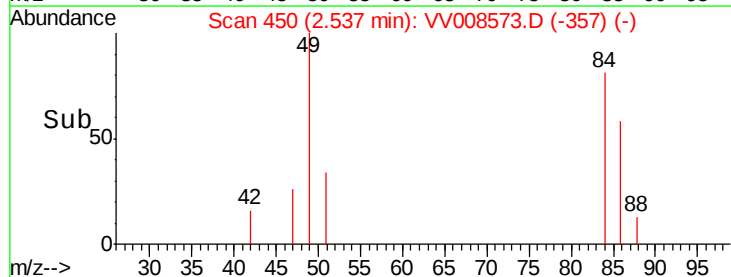
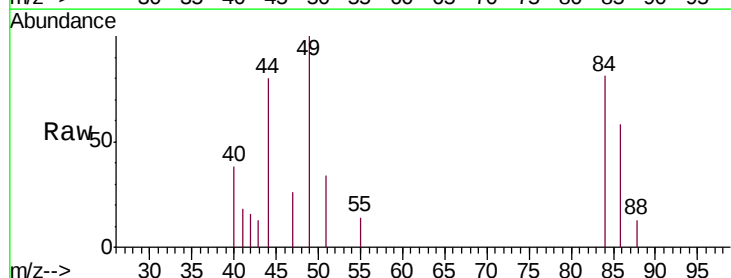
Instrument :
 MSVOA_V
 ClientSampled :
 BFB47

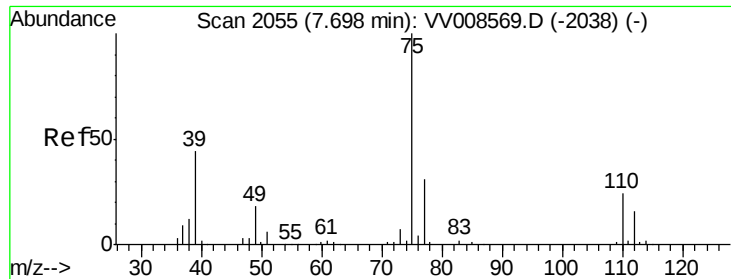
Tgt Ion: 96 Resp: 1105
 Ion Ratio Lower Upper
 96 100
 61 1290.0 125.6 233.2#
 63 10873.7 108.3 201.1#



#16
 Methylene chloride
 Concen: 0.572 ug/L
 RT: 2.54 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: VV008573.D
 Acq: 15 Nov 2018 16:36

Tgt Ion: 84 Resp: 1210
 Ion Ratio Lower Upper
 84 100
 86 71.9 44.8 83.2
 49 124.0 88.1 163.7





#44

trans-1,3-Dichloropropene

Concen: 0.883 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.04 min

Lab File: VV008573.D

Acq: 15 Nov 2018 16:36

Instrument :

MSVOA_V

ClientSampleId :

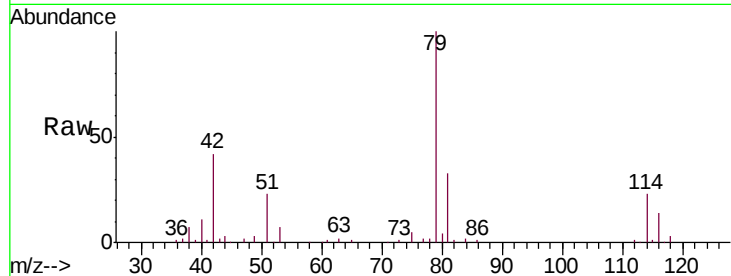
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Tgt Ion: 75 Resp: 2642

Ion Ratio Lower Upper

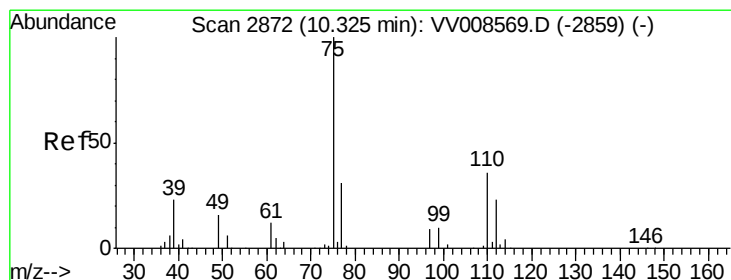
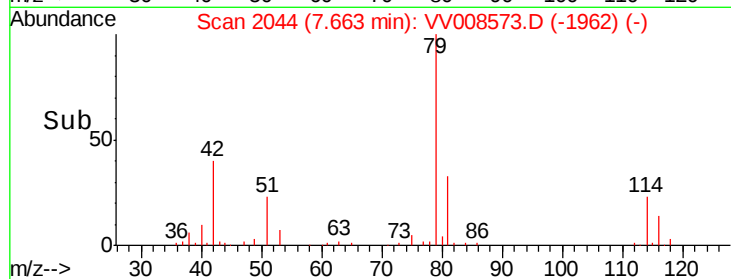
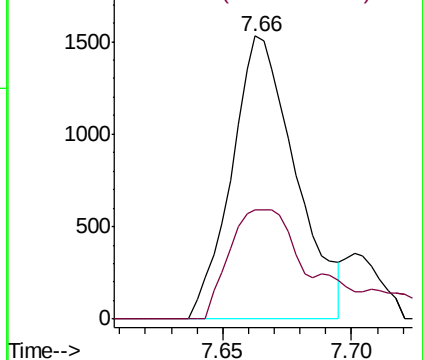
75 100

77 38.8 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 4.844 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008573.D

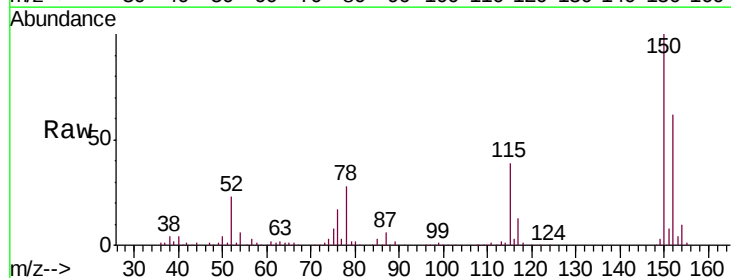
Acq: 15 Nov 2018 16:36

Tgt Ion: 75 Resp: 12275

Ion Ratio Lower Upper

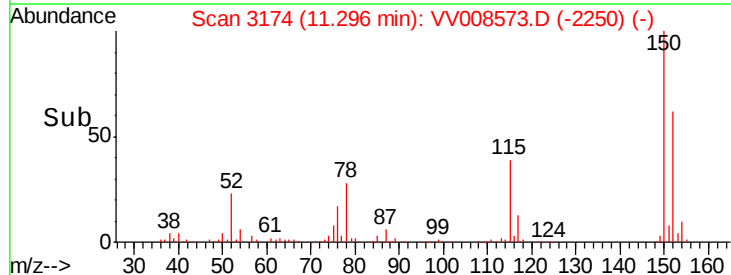
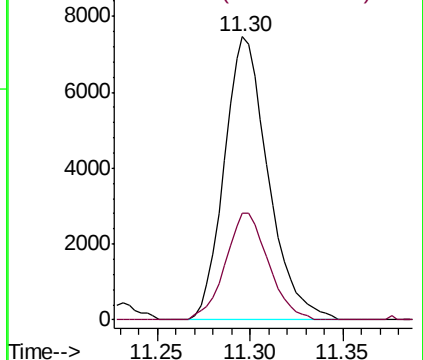
75 100

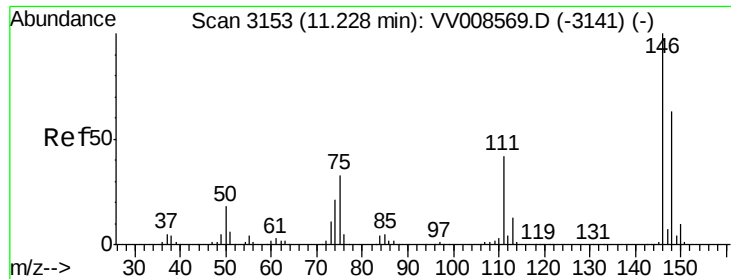
77 37.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

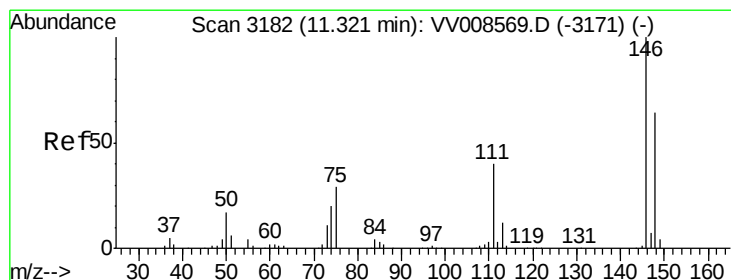
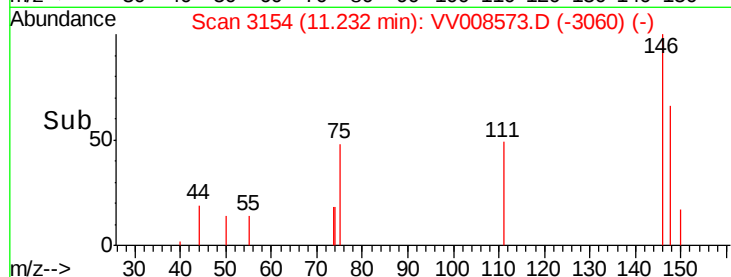
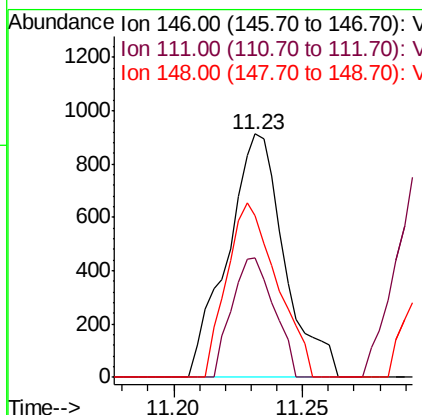
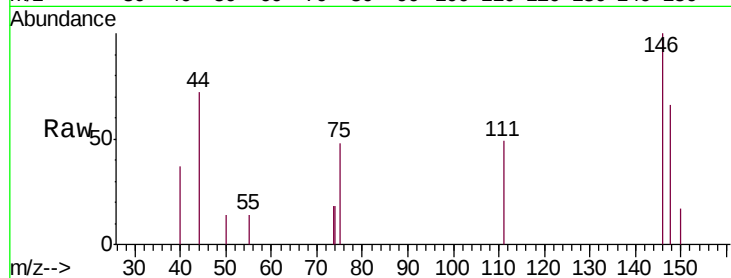




#62
 1,3-Dichlorobenzene
 Concen: 0.436 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008573.D
 Acq: 15 Nov 2018 16:36

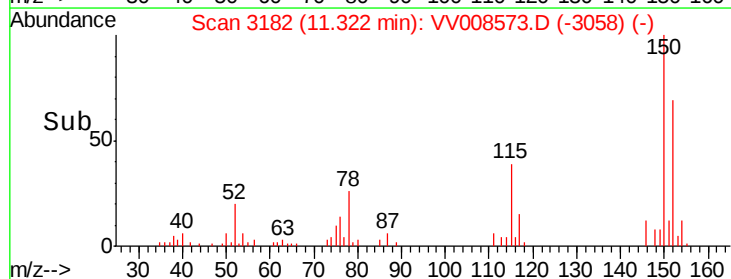
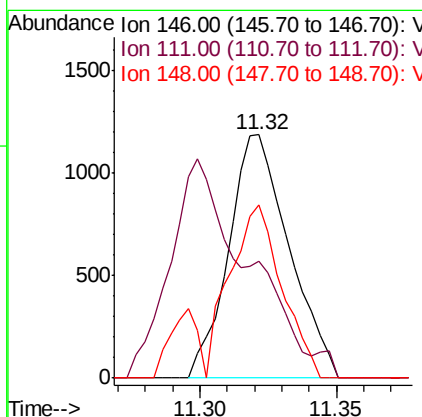
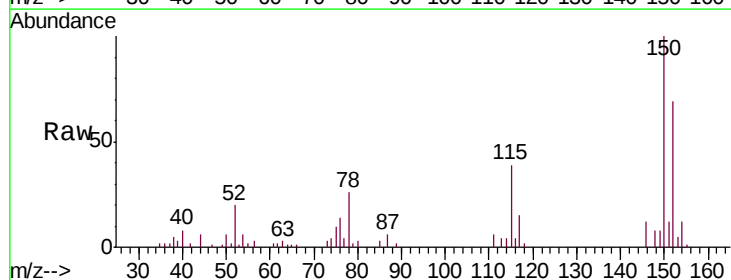
Instrument :
 MSVOA_V
 ClientSampleId :
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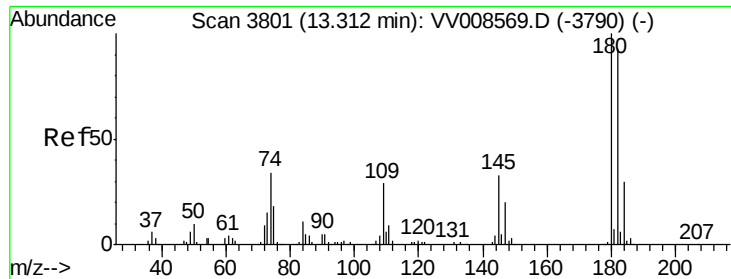
Tgt Ion:146 Resp: 1414
 Ion Ratio Lower Upper
 146 100
 111 48.8 29.5 54.9
 148 66.4 44.4 82.4



#63
 1,4-Dichlorobenzene
 Concen: 0.561 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008573.D
 Acq: 15 Nov 2018 16:36

Tgt Ion:146 Resp: 1822
 Ion Ratio Lower Upper
 146 100
 111 47.7 28.2 52.4
 148 71.2 44.7 82.9

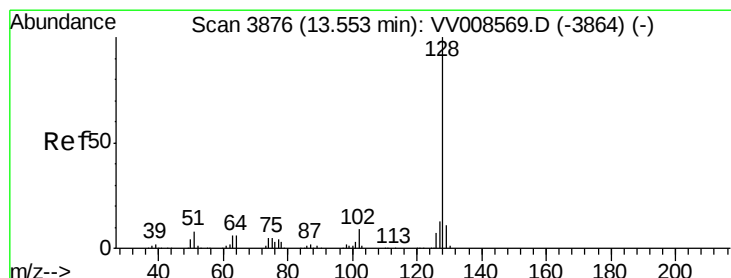
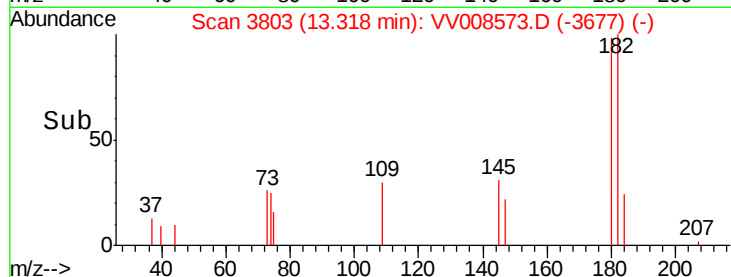
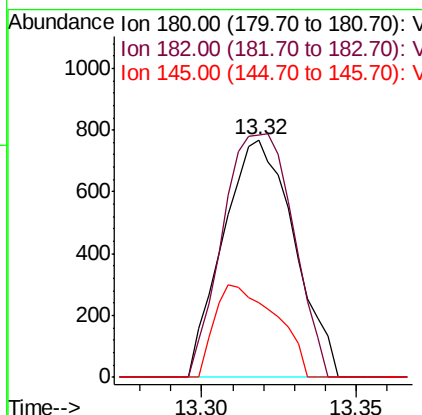
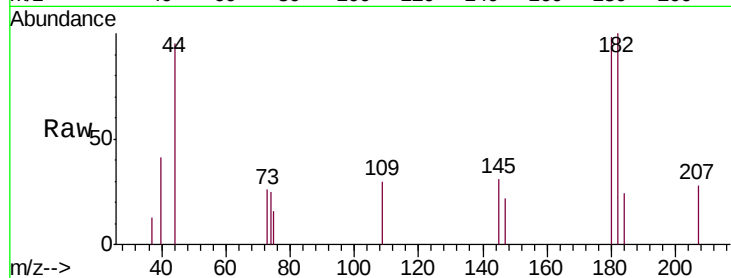




#68
 1,2,4-trichlorobenzene
 Concen: 0.696 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.01 min
 Lab File: VV008573.D
 Acq: 15 Nov 2018 16:36

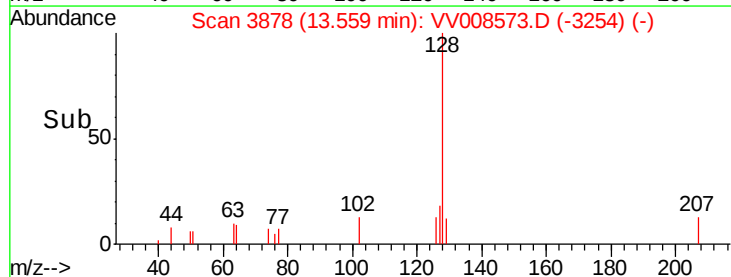
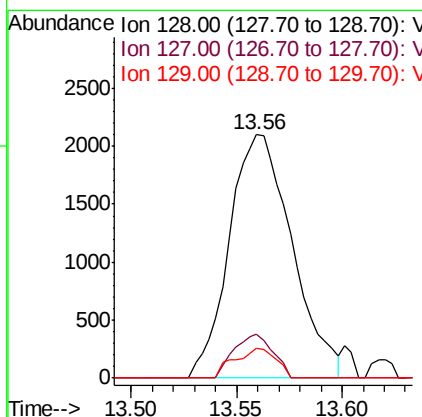
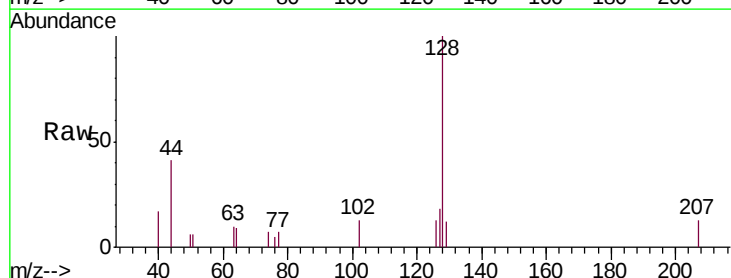
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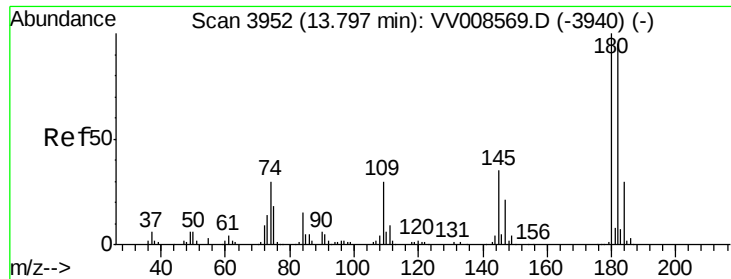
Tgt Ion:180 Resp: 1227
 Ion Ratio Lower Upper
 180 100
 182 102.0 75.3 112.9
 145 33.8 26.0 39.0



#69
 Naphthalene
 Concen: 0.840 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV008573.D
 Acq: 15 Nov 2018 16:36

Tgt Ion:128 Resp: 4337
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.2 15.4
 129 8.1 8.8 13.2#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.659 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV008573.D
 Acq: 15 Nov 2018 16:36

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB47

Tgt Ion:180 Resp: 1170
 Ion Ratio Lower Upper
 180 100
 182 88.7 76.4 114.6
 145 22.5 28.0 42.0#

