

Data File : VV008722.D
Acq On : 26 Nov 2018 19:26
Operator : SY/MD
Sample : J6036-02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0925

Quant Time: Nov 27 04:43:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	265124	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78945	42.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.42%
7) Chloroethane-d5	1.56	69	58015	56.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.56%
11) 1,1-Dichloroethene-d2	2.13	63	107374	34.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.56%
21) 2-Butanone-d5	3.93	46	141992	93.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.14%
24) Chloroform-d	4.41	84	170986	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	5.08	65	113887	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
32) Benzene-d6	5.10	84	359507	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
36) 1,2-Dichloropropane-d6	6.12	67	115400	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.78%
41) Toluene-d8	7.36	98	323171	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	7.67	79	47384	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.84%
47) 2-Hexanone-d5	8.13	63	96531	89.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	149735	46.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	117152	52.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.58%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	1082	0.416	ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1082	0.721	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1035	0.769	ug/L #	1
33) Benzene	5.15	78	6876	0.872	ug/L	100
37) 1,2-Dichloropropane	6.12	63	12372	5.809	ug/L #	94
39) cis-1,3-Dichloropropene	7.03	75	3059	1.011	ug/L #	43
44) trans-1,3-Dichloropropene	7.67	75	2326	0.845	ug/L	94
51) Chlorobenzene	8.93	112	33856	6.489	ug/L	90
59) 1,2,3-Trichloropropane	11.30	75	15264	5.658	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	4727	1.374	ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	11241	3.207	ug/L	92
65) 1,2-Dichlorobenzene	11.69	146	139791	39.377	ug/L	95
67) 1,3,5-Trichlorobenzene	13.32	180	3862	1.613	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	3862	2.125	ug/L	94
70) 1,2,3-Trichlorobenzene	13.80	180	2144	1.147	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112618\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
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Response via : Initial Calibration

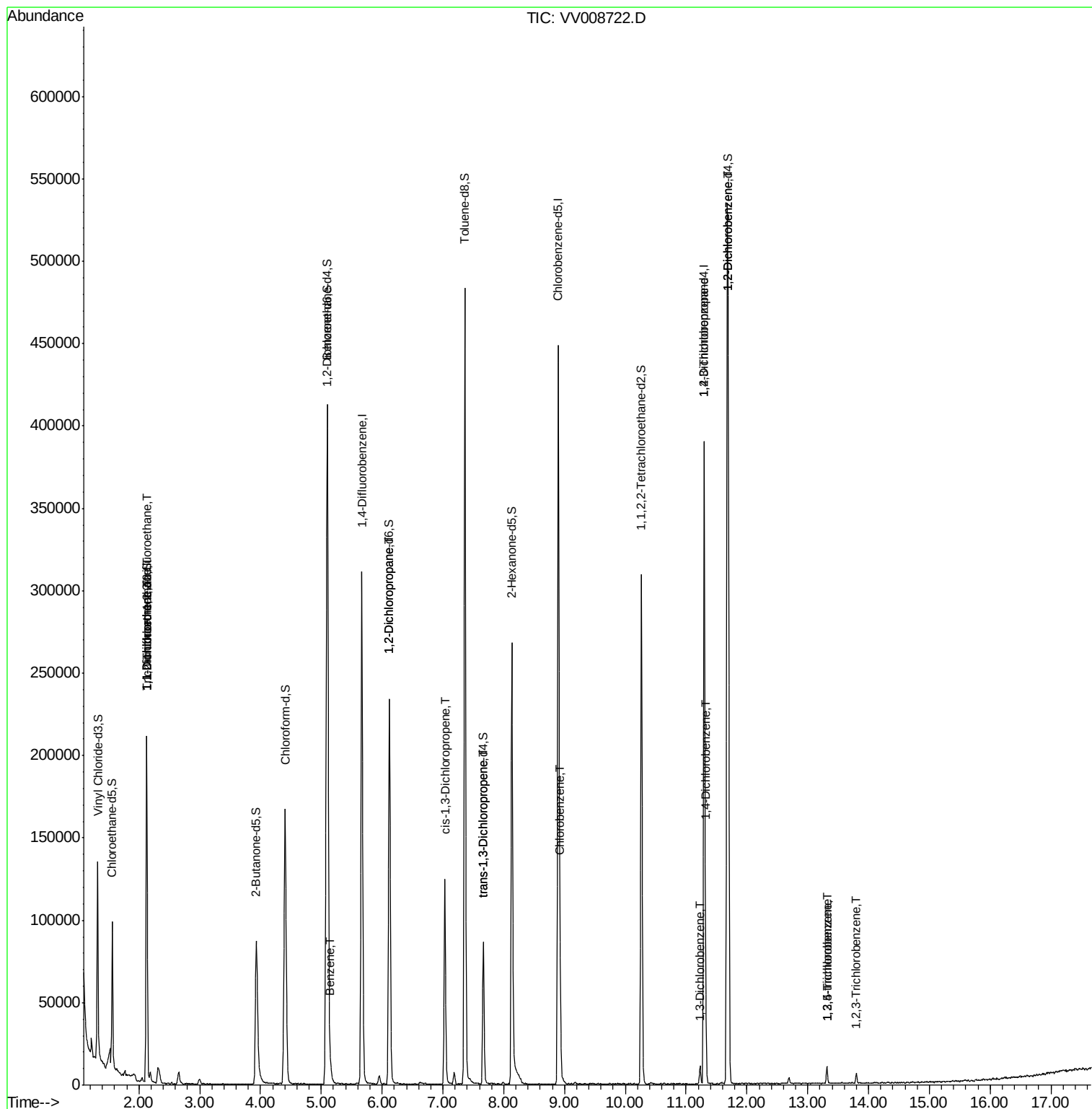
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

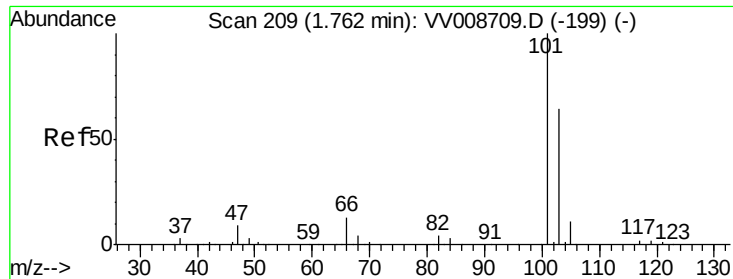
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#9

Trichlorofluoromethane

Concen: 0.416 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV008722.D

Acq: 26 Nov 2018 19:26

Instrument :

MSVOA_V

ClientSampleId :

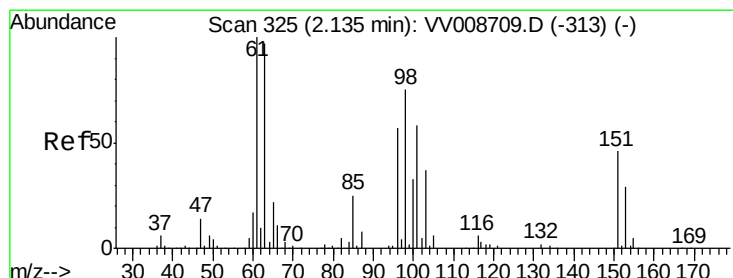
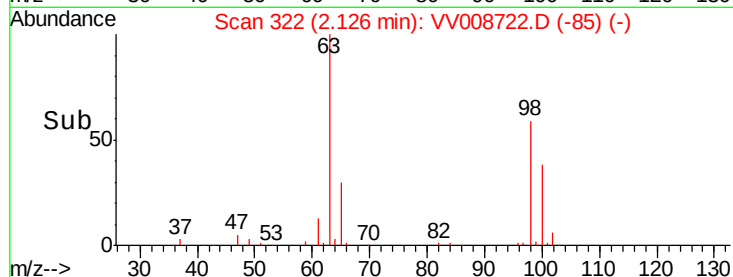
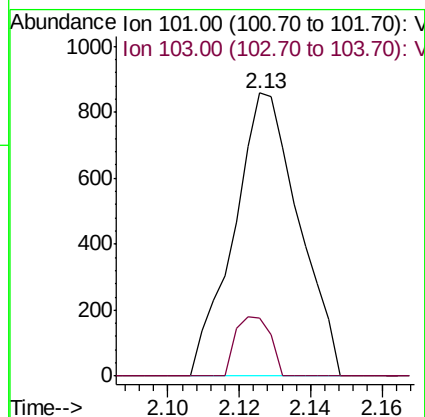
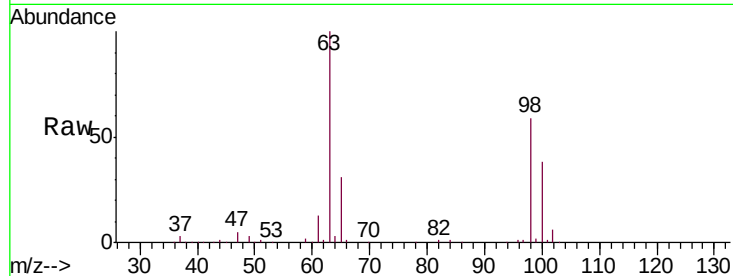
C0925

Tgt Ion:101 Resp: 1082

Ion Ratio Lower Upper

101 100

103 11.2 50.2 75.4#



#10

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

Concen: 0.721 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008722.D

Acq: 26 Nov 2018 19:26

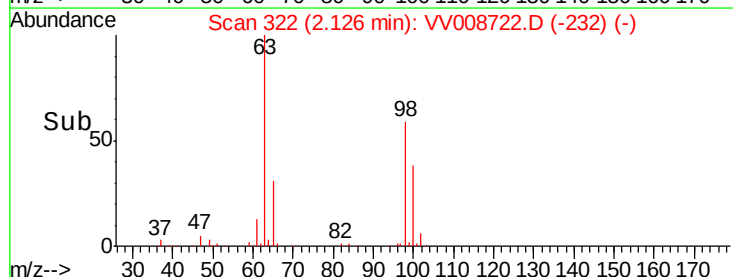
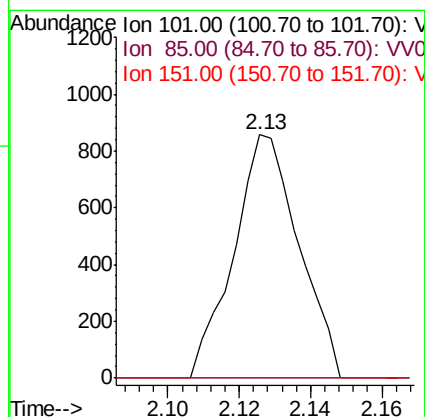
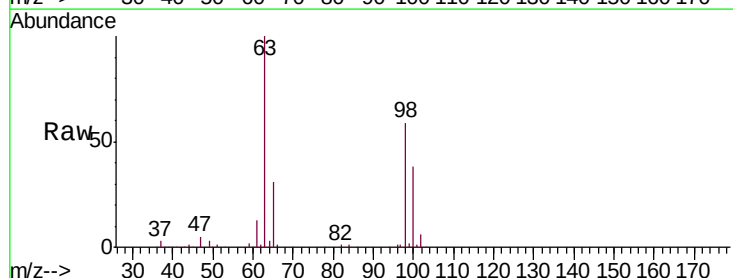
Tgt Ion:101 Resp: 1082

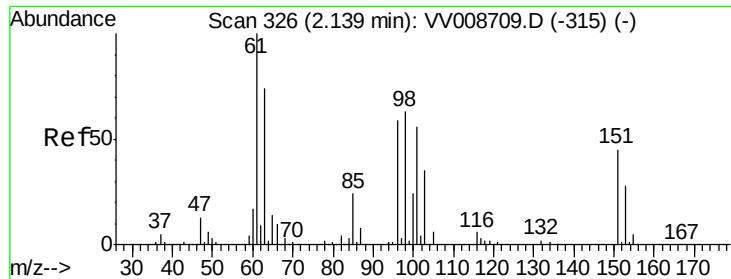
Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 63.8 95.8#

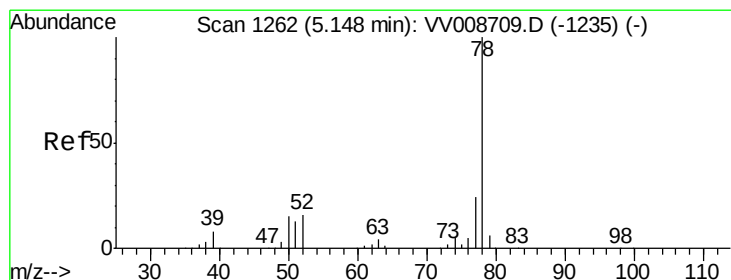
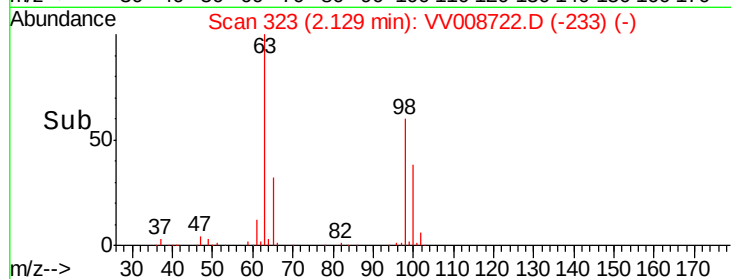
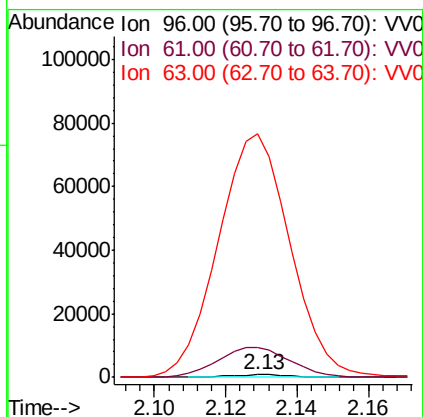
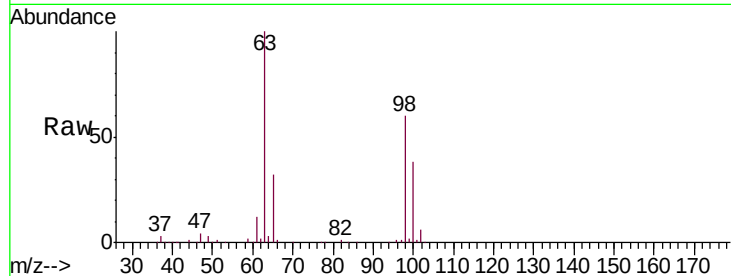




#12
 1,1-Dichloroethene
 Concen: 0.769 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

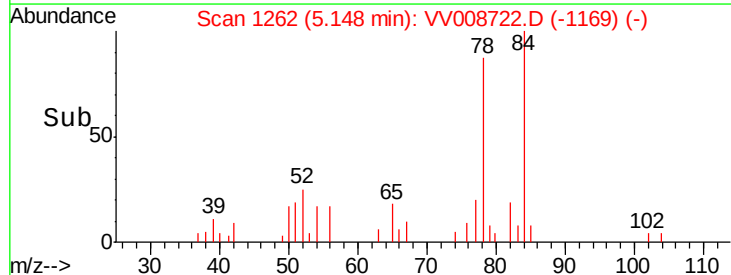
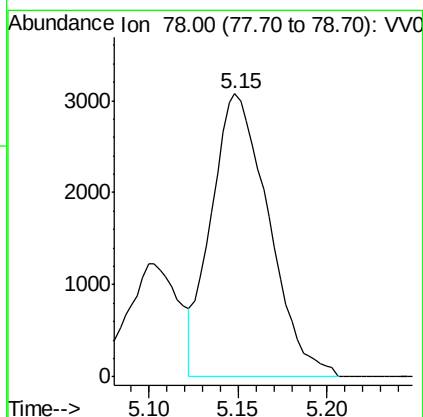
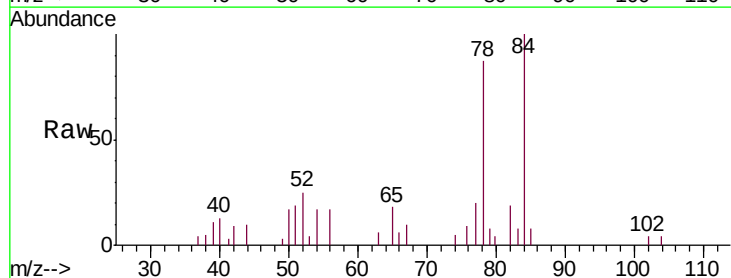
Instrument :
 MSVOA_V
 ClientSampled :
 C0925

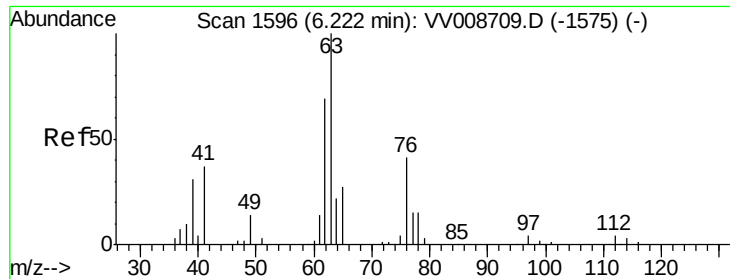
Tgt Ion: 96 Resp: 1035
 Ion Ratio Lower Upper
 96 100
 61 1224.3 120.3 223.3#
 63 9806.9 113.3 210.5#



#33
 Benzene
 Concen: 0.872 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

Tgt Ion: 78 Resp: 6876

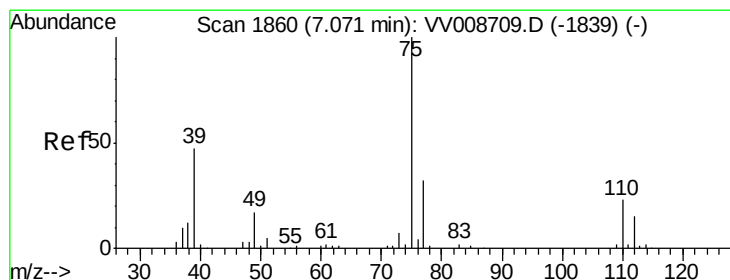
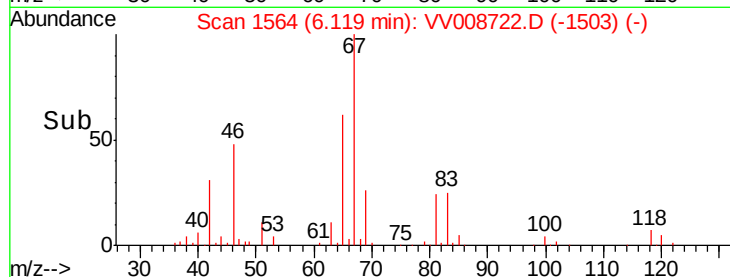
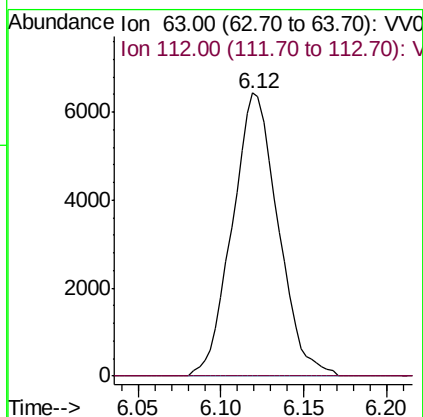
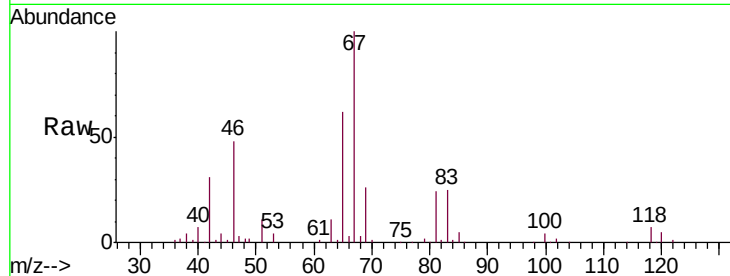




#37
 1,2-Dichloropropane
 Concen: 5.809 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

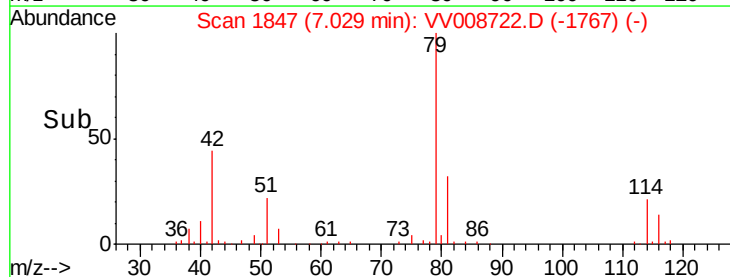
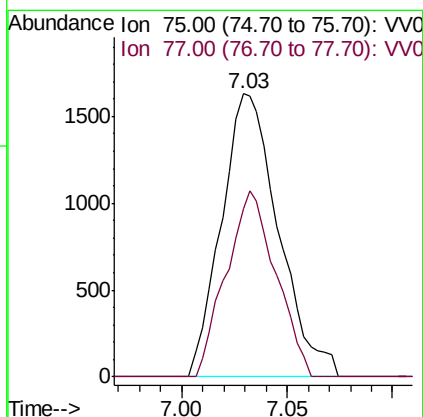
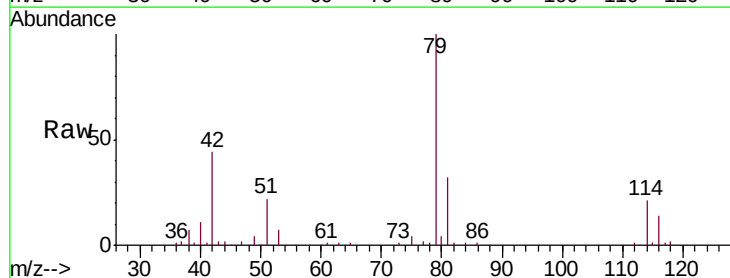
Instrument :
 MSVOA_V
 ClientSampled :
 C0925

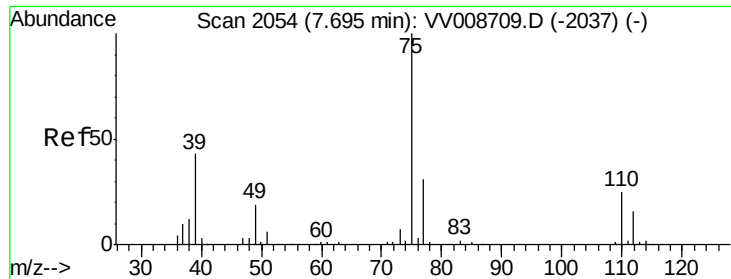
Tgt Ion: 63 Resp: 12372
 Ion Ratio Lower Upper
 63 100
 112 0.0 1.6 2.4#



#39
 cis-1,3-Dichloropropene
 Concen: 1.011 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

Tgt Ion: 75 Resp: 3059
 Ion Ratio Lower Upper
 75 100
 77 59.2 20.2 37.4#





#44

trans-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008722.D

Acq: 26 Nov 2018 19:26

Instrument :

MSVOA_V

ClientSampleId :

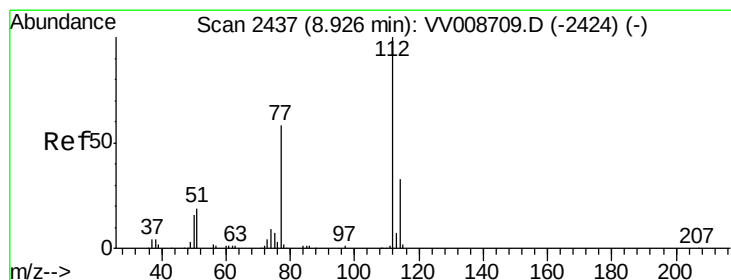
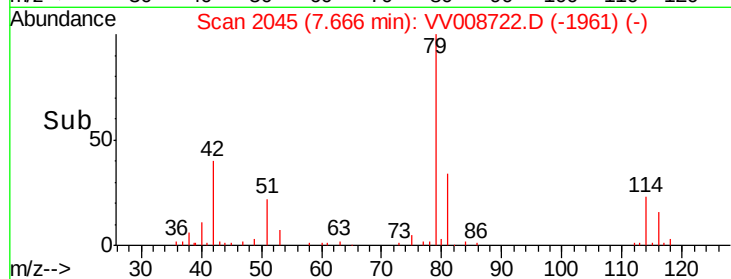
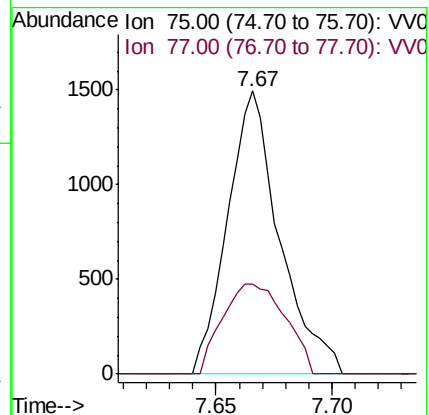
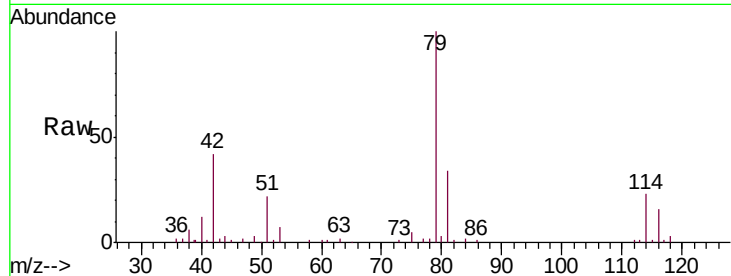
C0925

Tgt Ion: 75 Resp: 2326

Ion Ratio Lower Upper

75 100

77 32.0 24.6 45.8



#51

Chlorobenzene

Concen: 6.489 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008722.D

Acq: 26 Nov 2018 19:26

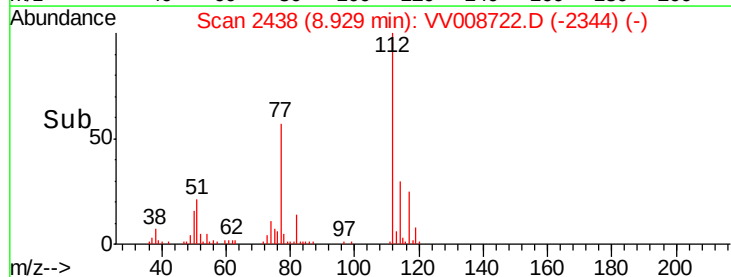
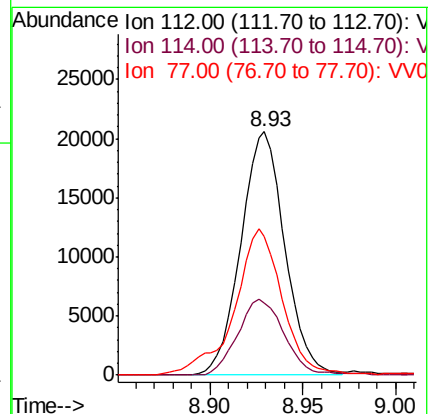
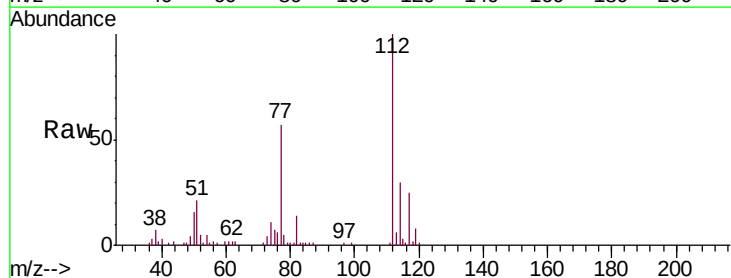
Tgt Ion: 112 Resp: 33856

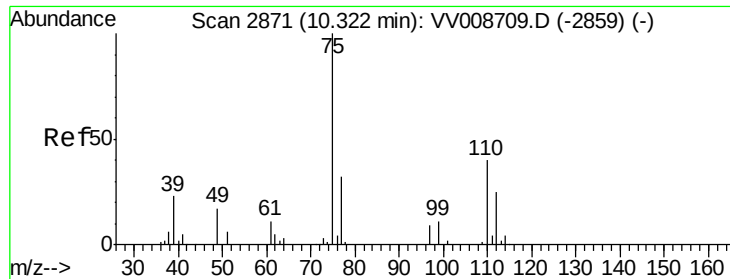
Ion Ratio Lower Upper

112 100

114 29.8 22.9 42.5

77 57.1 53.8 80.6

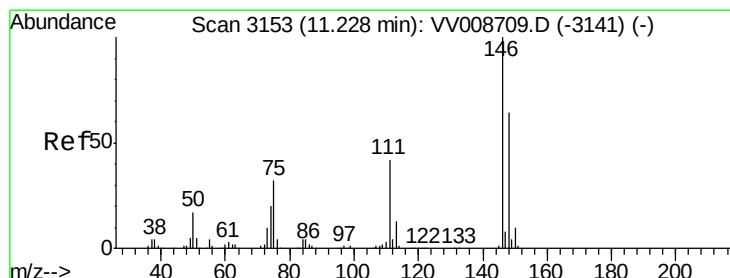
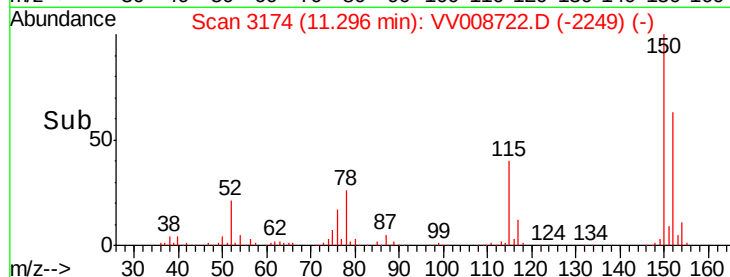
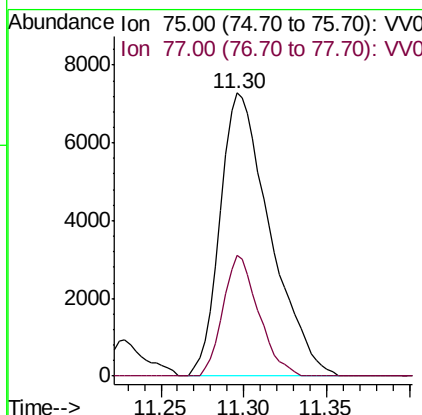
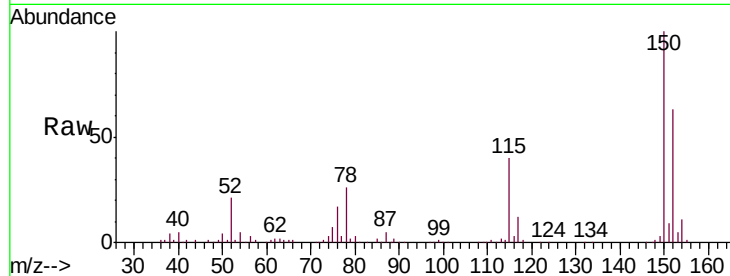




#59
 1,2,3-Trichloropropane
 Concen: 5.658 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

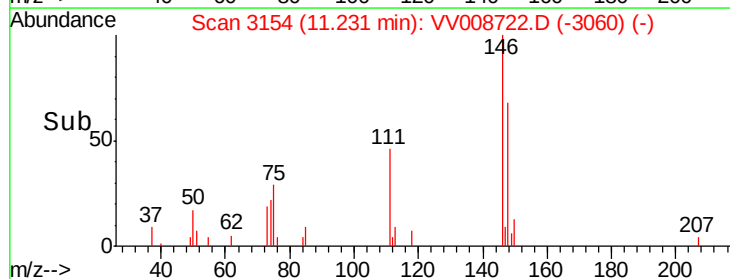
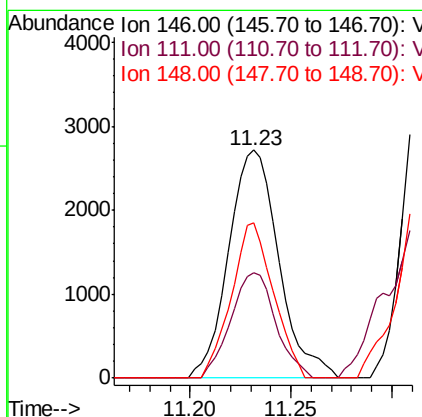
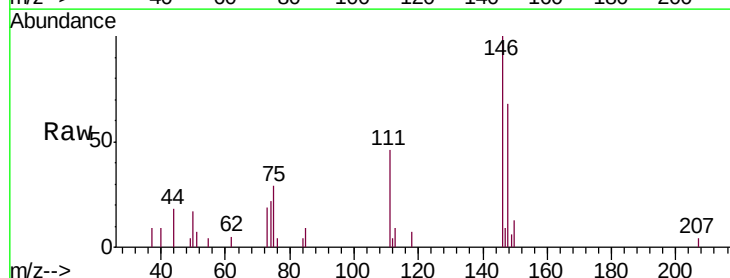
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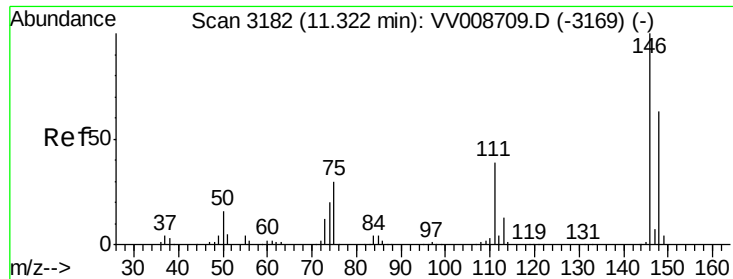
Tgt Ion: 75 Resp: 15264
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.0 39.0



#62
 1,3-Dichlorobenzene
 Concen: 1.374 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

Tgt Ion: 146 Resp: 4727
 Ion Ratio Lower Upper
 146 100
 111 46.3 27.9 51.7
 148 68.3 42.7 79.3

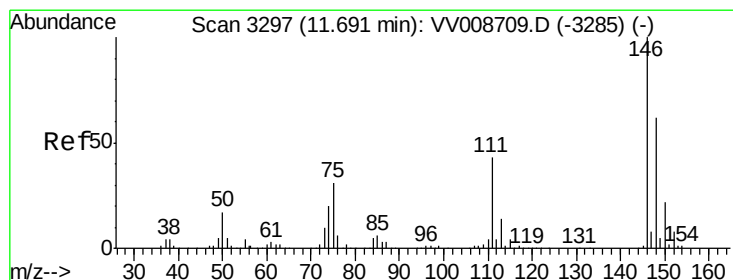
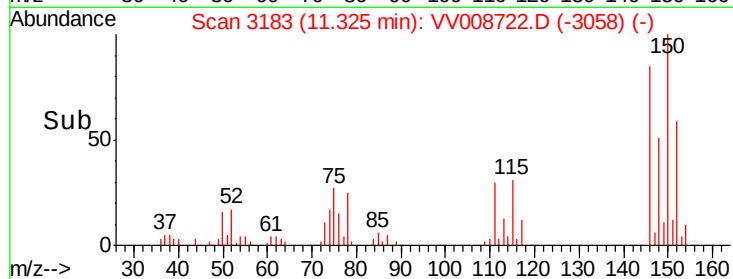
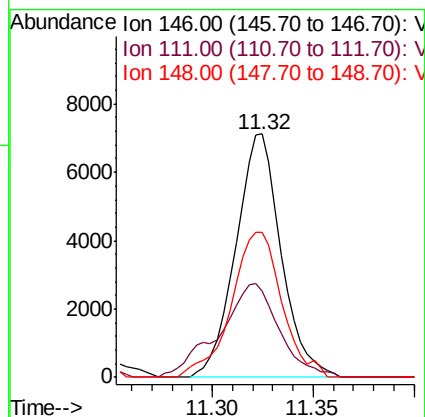
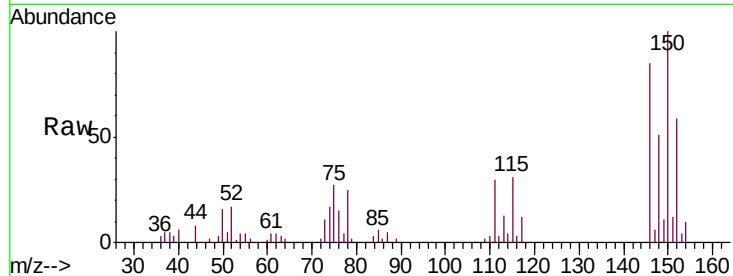




#63
 1,4-Dichlorobenzene
 Concen: 3.207 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

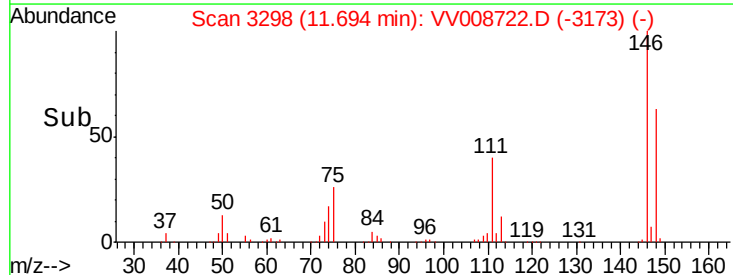
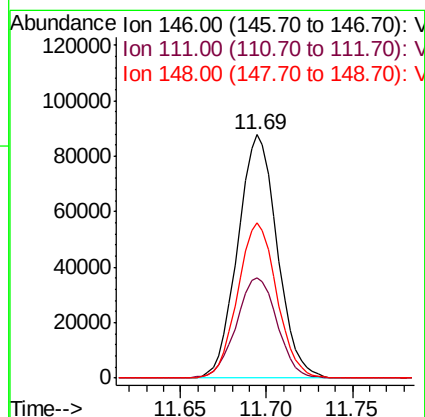
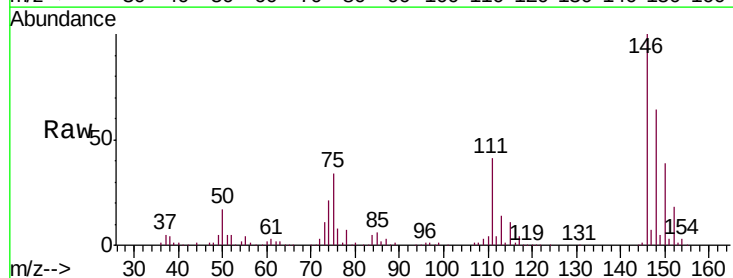
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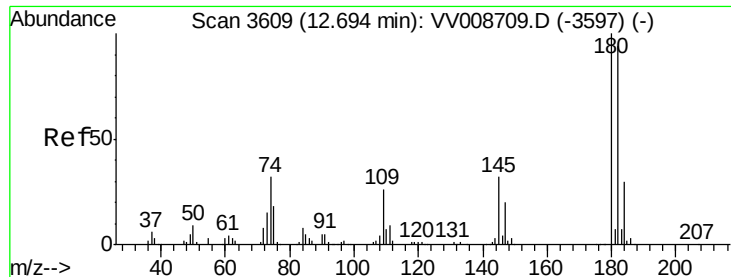
Tgt Ion:146 Resp: 11241
 Ion Ratio Lower Upper
 146 100
 111 35.5 27.7 51.5
 148 59.6 46.4 86.2



#65
 1,2-Dichlorobenzene
 Concen: 39.377 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

Tgt Ion:146 Resp: 139791
 Ion Ratio Lower Upper
 146 100
 111 41.2 36.5 54.7
 148 63.9 48.7 73.1

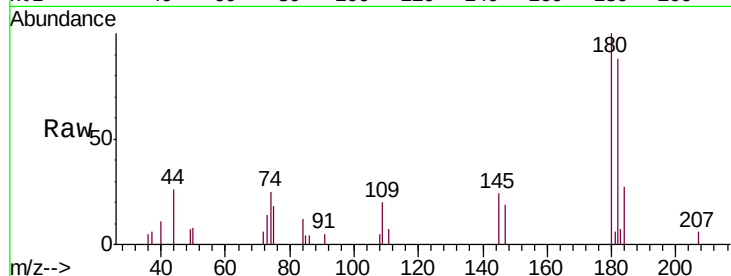




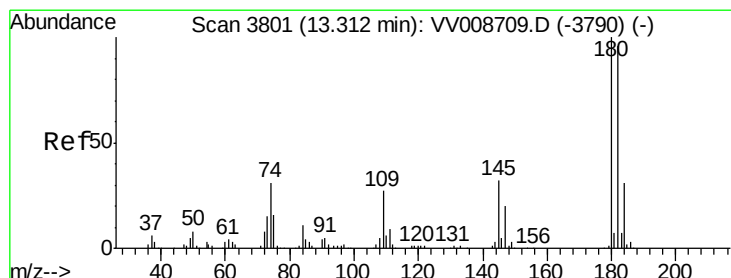
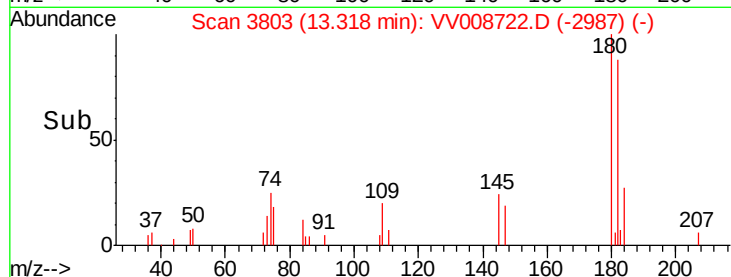
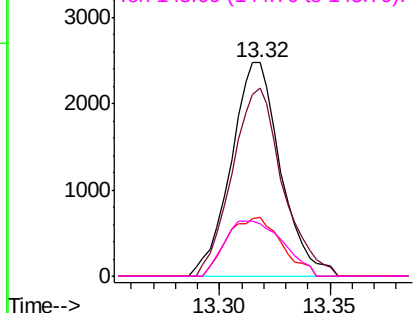
#67
 1,3,5-Trichlorobenzene
 Concen: 1.613 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.62 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0925

Tgt Ion:180 Resp: 3862
 Ion Ratio Lower Upper
 180 100
 182 89.8 73.2 109.8
 184 30.1 23.6 35.4
 145 30.8 26.6 39.8

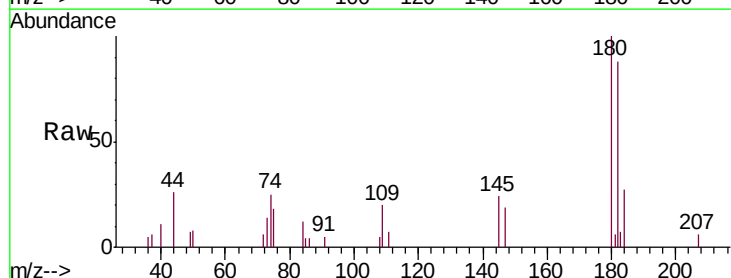


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

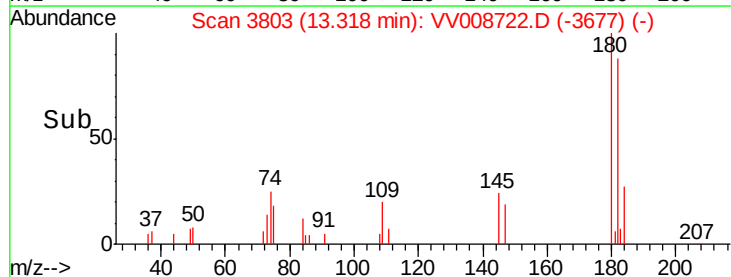
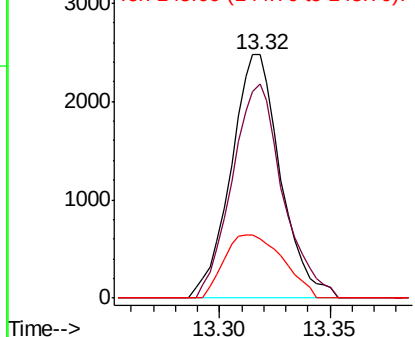


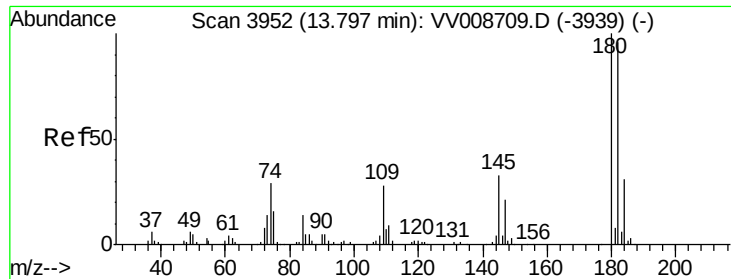
#68
 1,2,4-trichlorobenzene
 Concen: 2.125 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.01 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

Tgt Ion:180 Resp: 3862
 Ion Ratio Lower Upper
 180 100
 182 89.8 75.7 113.5
 145 30.8 28.0 42.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

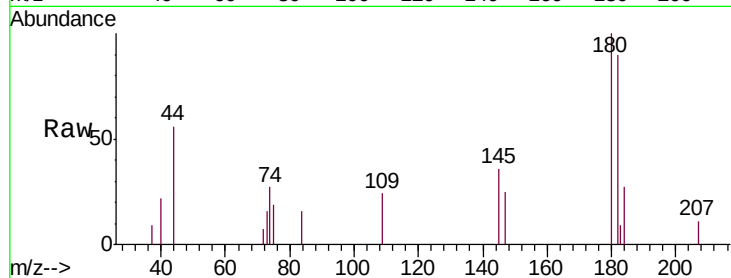




#70
 1,2,3-Trichlorobenzene
 Concen: 1.147 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008722.D
 Acq: 26 Nov 2018 19:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0925

Tgt Ion:180 Resp: 2144
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.5 116.3
 145 32.5 28.9 43.3



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

