

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008677.D
 Acq On : 20 Nov 2018 16:39
 Operator : SY/MD
 Sample : J5997-14 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB0

Quant Time: Nov 21 01:36:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	289295	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	258790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88394	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.57	69	39925	35.81	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.62%
11) 1,1-Dichloroethene-d2	2.13	63	121662	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	3.94	46	159463	95.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	4.41	84	180597	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
26) 1,2-Dichloroethane-d4	5.09	65	122095	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.10	84	393993	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.12	67	122254	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.36	98	349687	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	46666	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.92%
47) 2-Hexanone-d5	8.14	63	107870	94.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	150604	43.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	118470	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	2.13	101	1082	0.382 ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1082	0.661 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1184	0.806 ug/L #	1
16) Methylene chloride	2.54	84	910	0.400 ug/L	91
29) Cyclohexane	4.73	56	1466	0.418 ug/L #	100
37) 1,2-Dichloropropane	6.12	63	13491	6.003 ug/L #	94
42) Toluene	7.43	91	34288	3.963 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	2084	0.717 ug/L	90
48) 2-Hexanone	8.13	43	12960	5.238 ug/L #	72
52) Ethylbenzene	9.06	91	1229220	129.486 ug/L	99
53) m,p-Xylene	9.18	106	955794	273.993 ug/L	91
54) o-xylene	9.59	106	3478	1.003 ug/L	86
56) Isopropylbenzene	9.98	105	18068	1.981 ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	13951	4.901 ug/L	91
69) Naphthalene	13.56	128	2744	0.480 ug/L #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
Data File : VV008677.D
Acq On : 20 Nov 2018 16:39
Operator : SY/MD
Sample : J5997-14 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E3YB0

Quant Time: Nov 21 01:36:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration

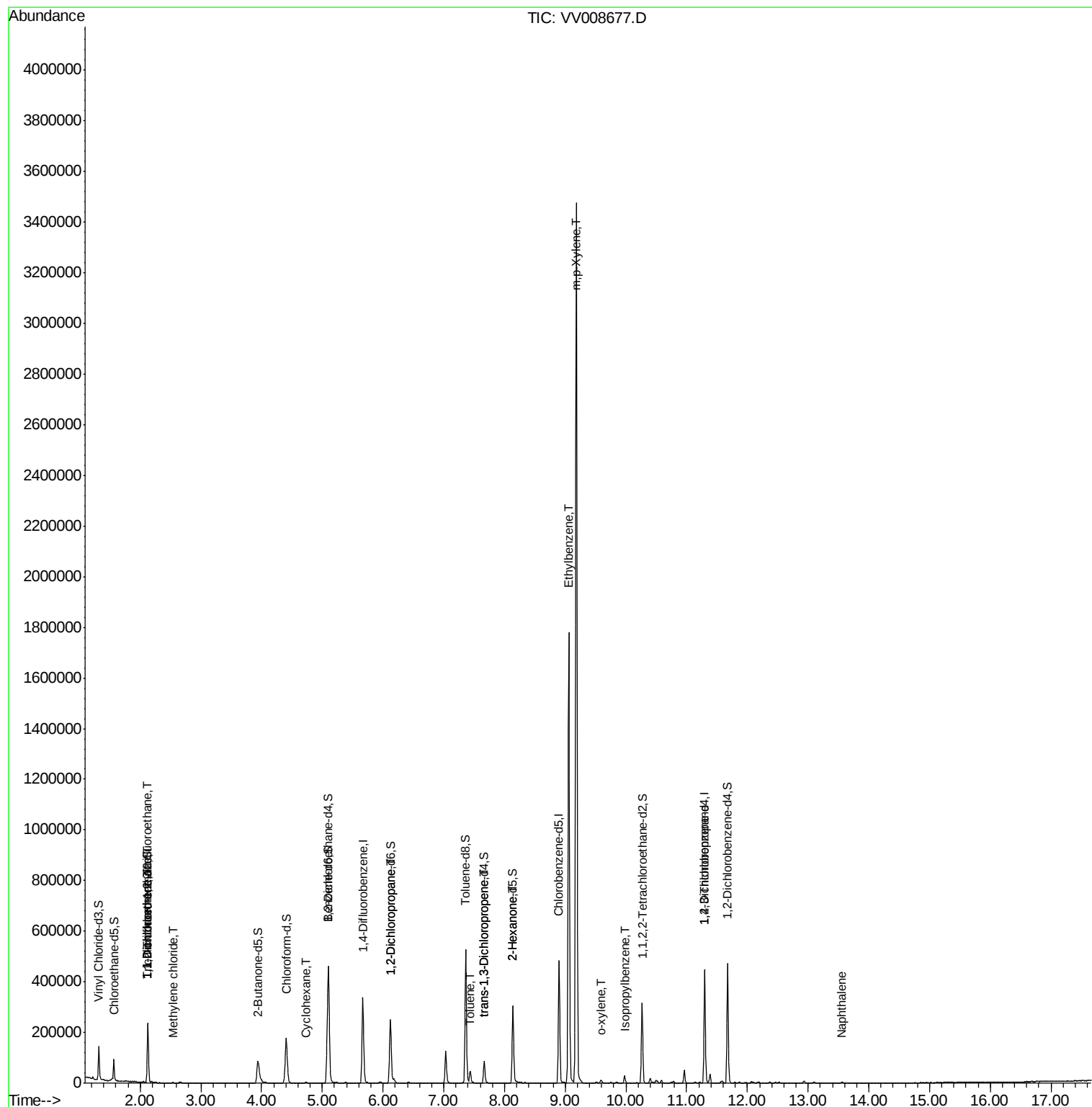
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

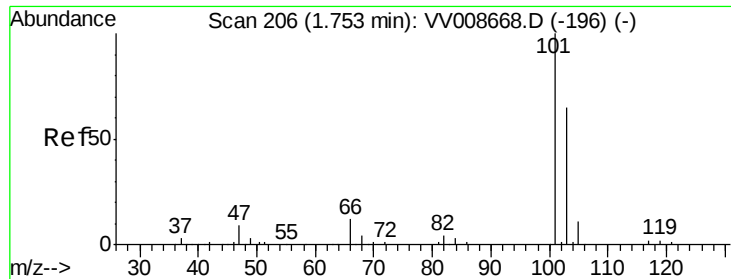
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
Data File : VV008677.D
Acq On : 20 Nov 2018 16:39
Operator : SY/MD
Sample : J5997-14 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E3YB0

Quant Time: Nov 21 01:36:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.382 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.35 min

Lab File: VV008677.D

Acq: 20 Nov 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

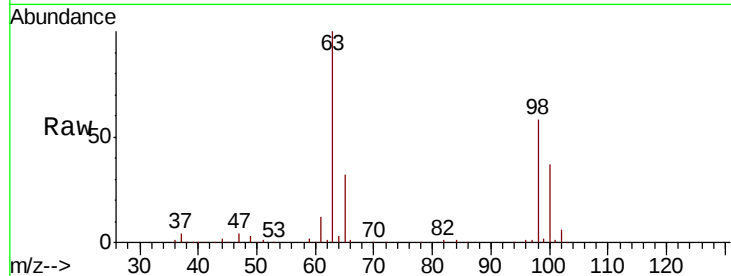
E3YB0

Tgt Ion:101 Resp: 1082

Ion Ratio Lower Upper

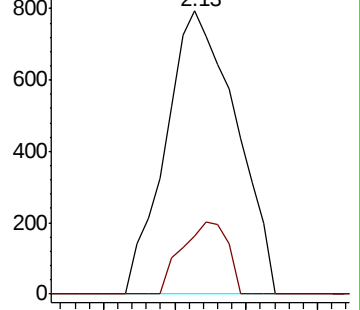
101 100

103 16.6 50.2 75.4#

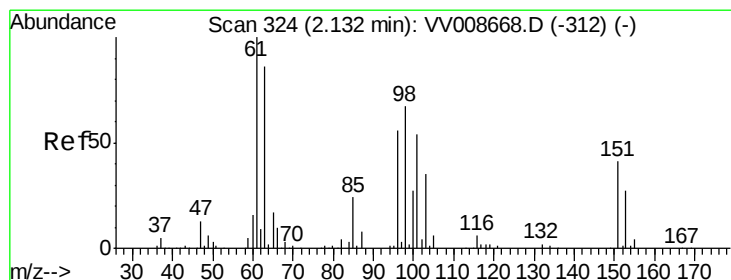
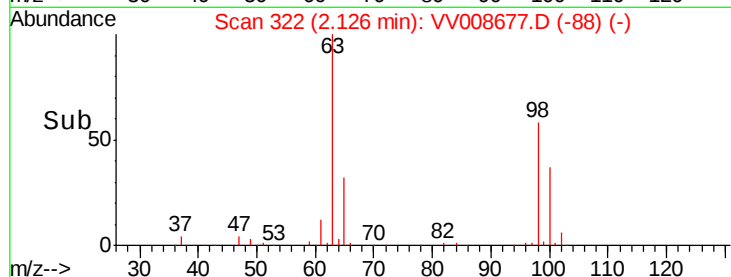


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.661 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV008677.D

Acq: 20 Nov 2018 16:39

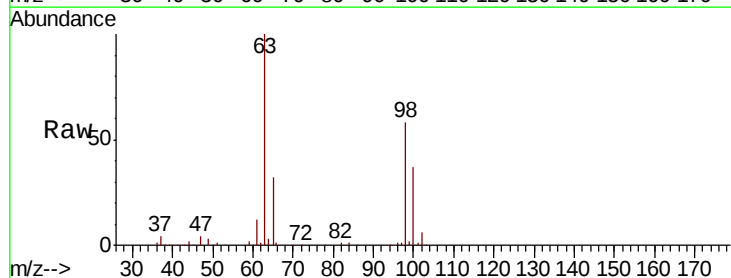
Tgt Ion:101 Resp: 1082

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

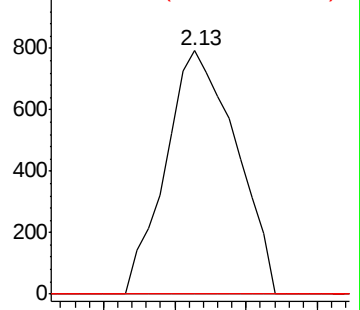
151 0.0 63.8 95.8#



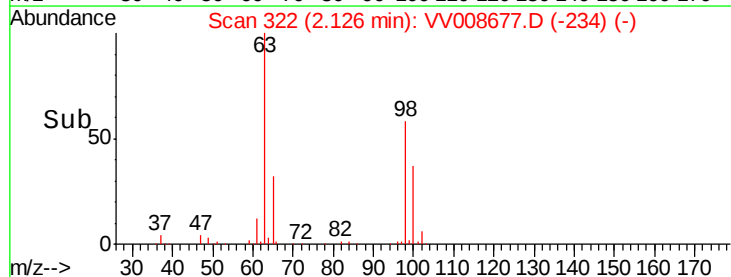
Abundance Ion 101.00 (100.70 to 101.70): V

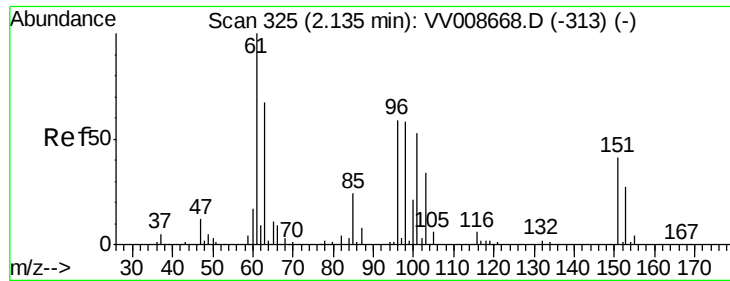
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->

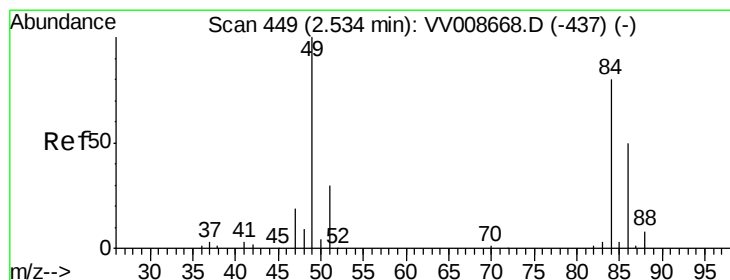
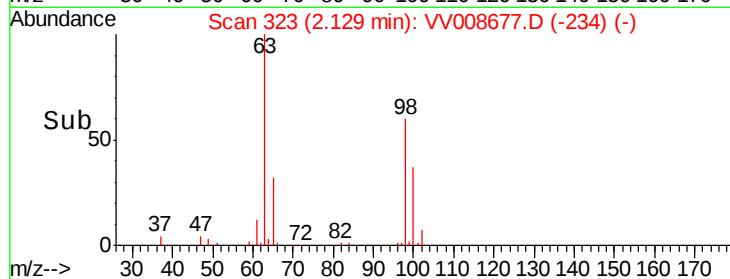
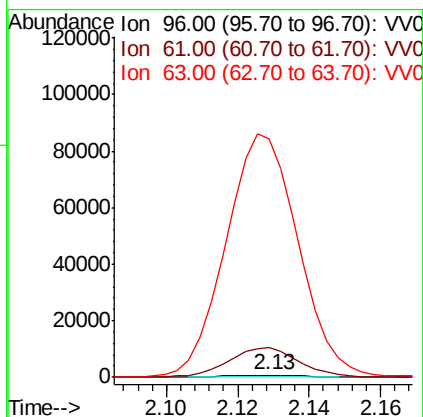
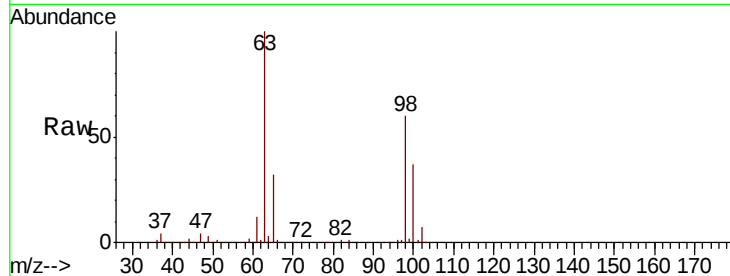




#12
 1,1-Dichloroethene
 Concen: 0.806 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008677.D
 Acq: 20 Nov 2018 16:39

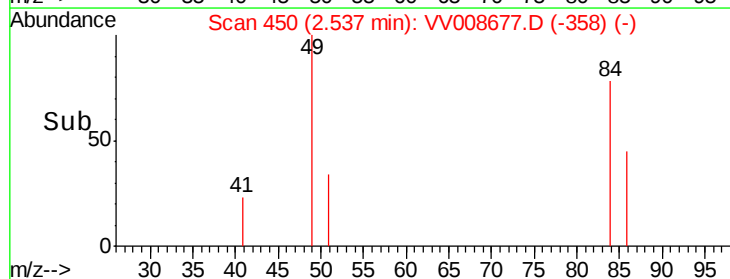
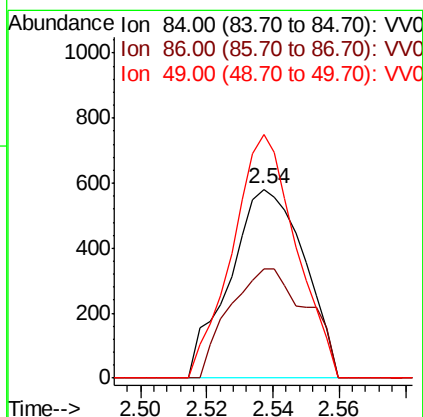
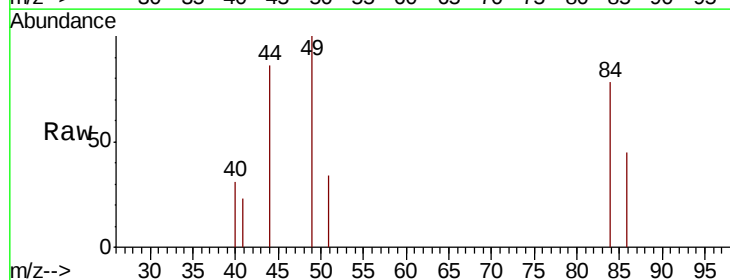
Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB0

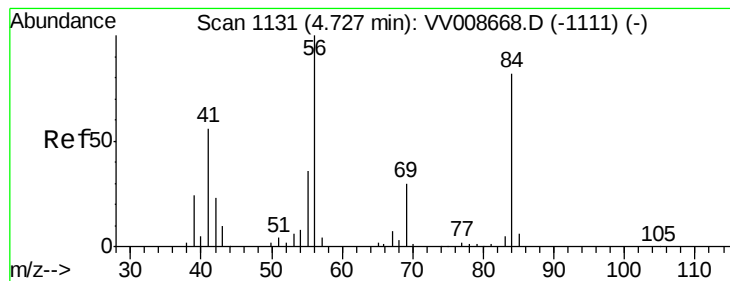
Tgt Ion: 96 Resp: 1184
 Ion Ratio Lower Upper
 96 100
 61 1345.1 120.3 223.3#
 63 10934.0 113.3 210.5#



#16
 Methylene chloride
 Concen: 0.400 ug/L
 RT: 2.54 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: VV008677.D
 Acq: 20 Nov 2018 16:39

Tgt Ion: 84 Resp: 910
 Ion Ratio Lower Upper
 84 100
 86 57.6 50.6 94.0
 49 128.7 86.5 160.7





#29

Cyclohexane

Concen: 0.418 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VV008677.D

Acq: 20 Nov 2018 16:39

Instrument :

MSVOA_V

ClientSampled :

E3YB0

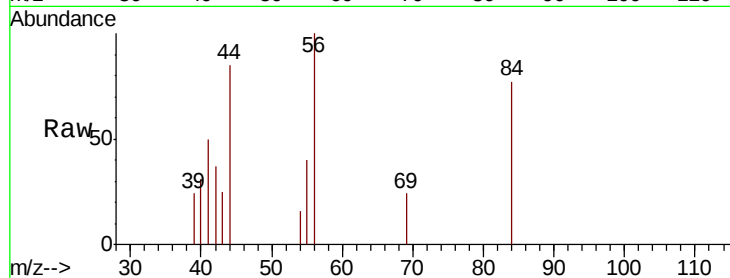
Tgt Ion: 56 Resp: 1466

Ion Ratio Lower Upper

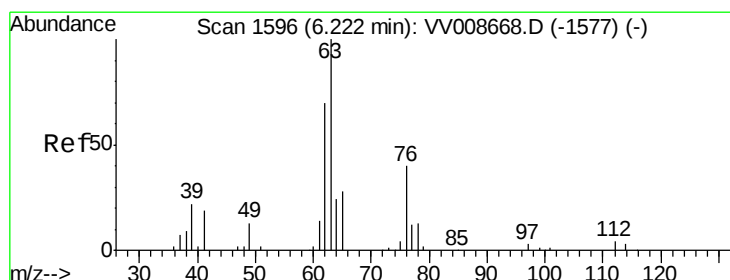
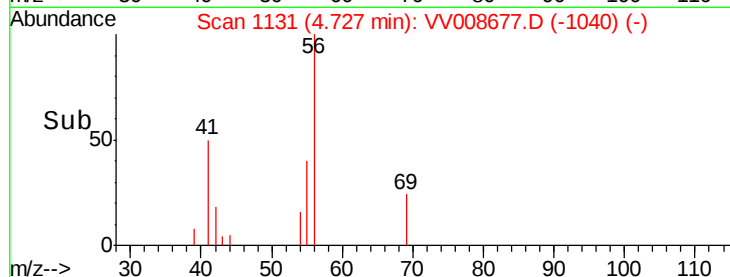
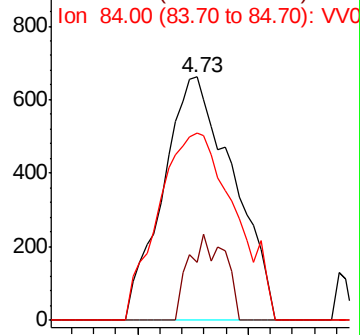
56 100

69 6.1 0.0 0.0#

84 79.6 0.0 0.0#



Abundance Ion 56.00 (55.70 to 56.70): VV008677.D (-1040) (-)



#37

1,2-Dichloropropane

Concen: 6.003 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008677.D

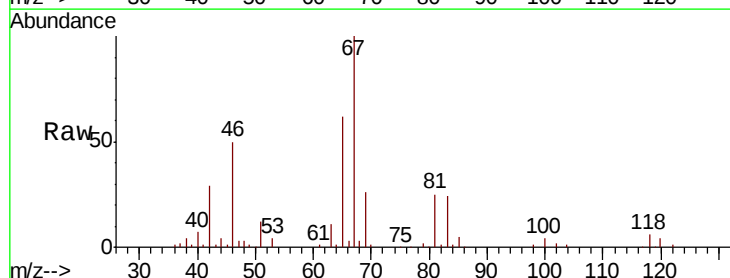
Acq: 20 Nov 2018 16:39

Tgt Ion: 63 Resp: 13491

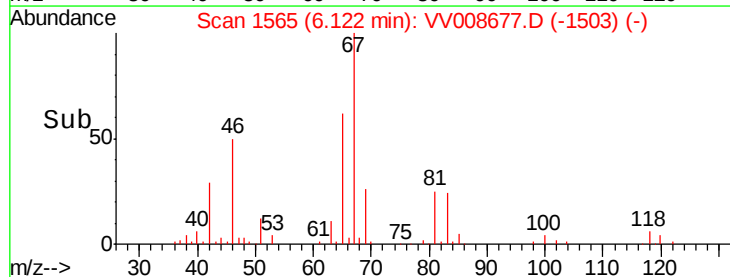
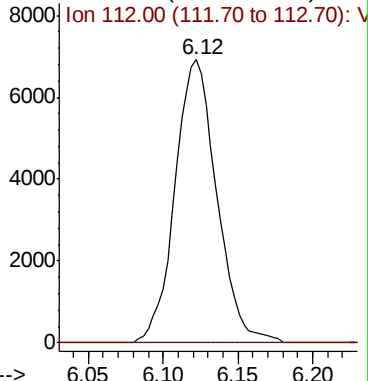
Ion Ratio Lower Upper

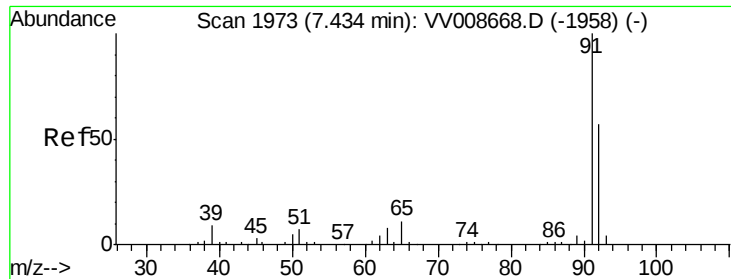
63 100

112 0.0 1.6 2.4#



Abundance Ion 63.00 (62.70 to 63.70): VV008677.D (-1503) (-)





#42

Toluene

Concen: 3.963 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008677.D

Acq: 20 Nov 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

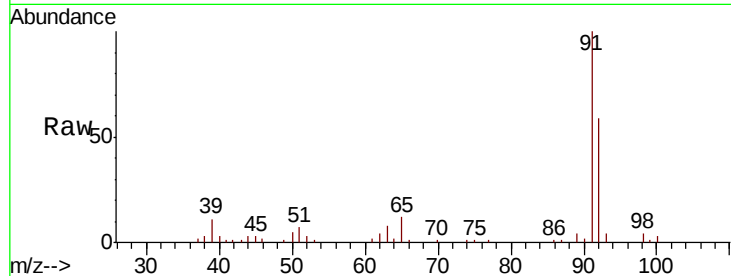
E3YB0

Tgt Ion: 91 Resp: 34288

Ion Ratio Lower Upper

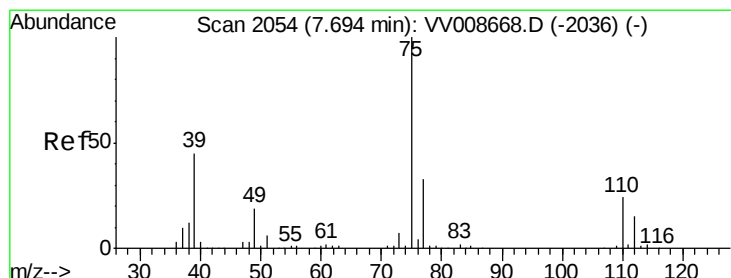
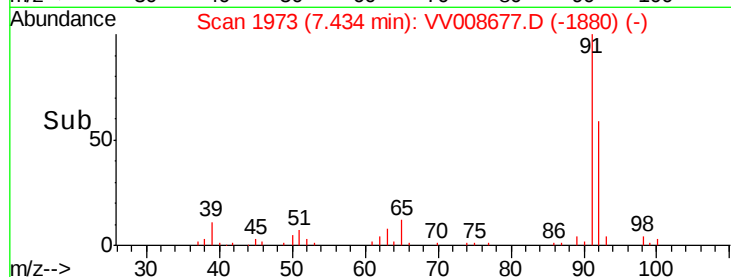
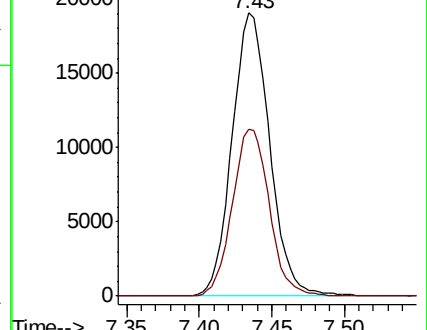
91 100

92 59.0 41.6 77.2



Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV008677.D (-1880) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.717 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008677.D

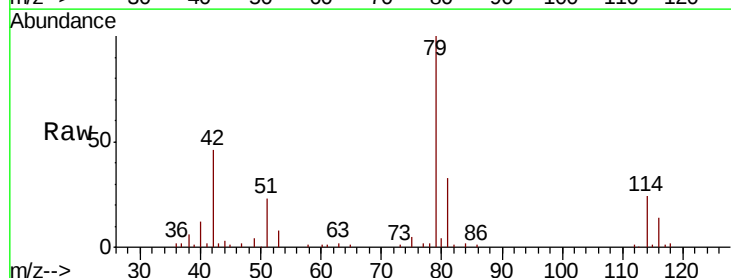
Acq: 20 Nov 2018 16:39

Tgt Ion: 75 Resp: 2084

Ion Ratio Lower Upper

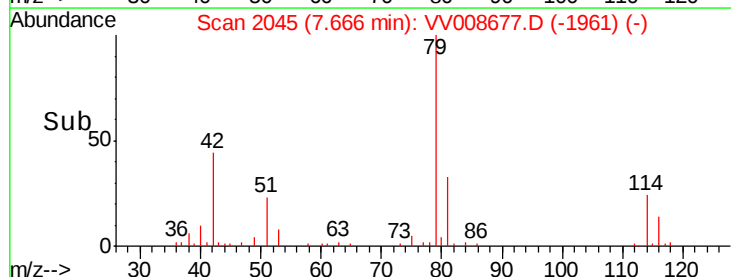
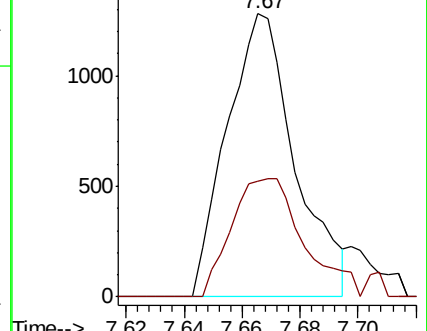
75 100

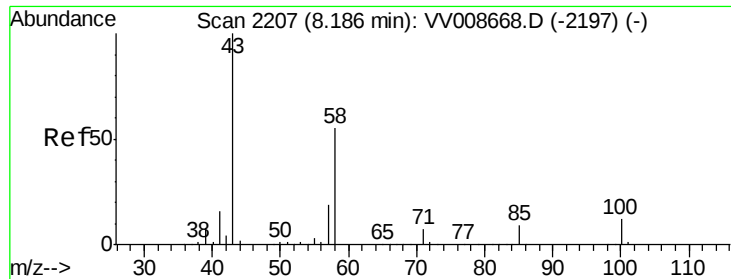
77 41.0 24.6 45.8



Abundance Ion 75.00 (74.70 to 75.70): VV008668.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008677.D (-1961) (-)

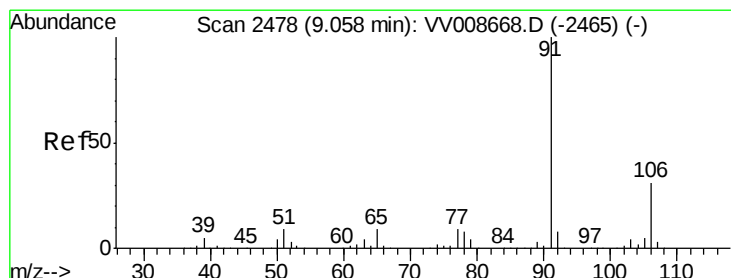
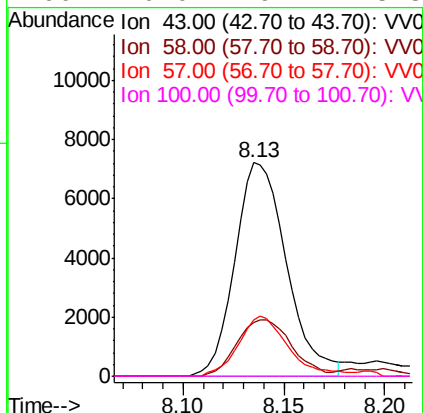
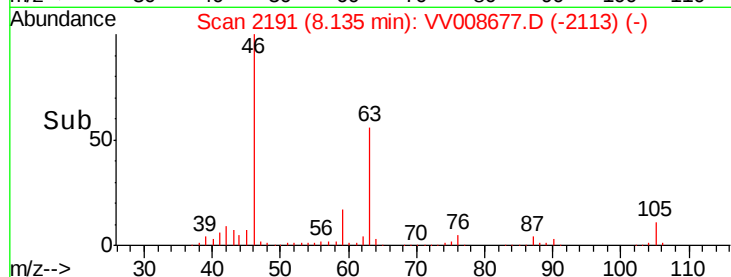
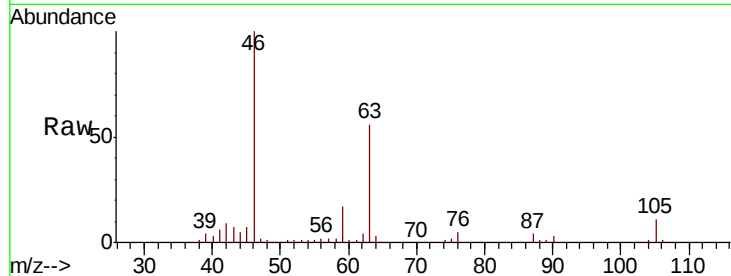




#48
2-Hexanone
Concen: 5.238 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV008677.D
Acq: 20 Nov 2018 16:39

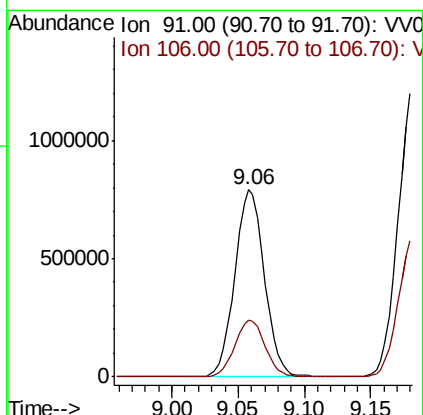
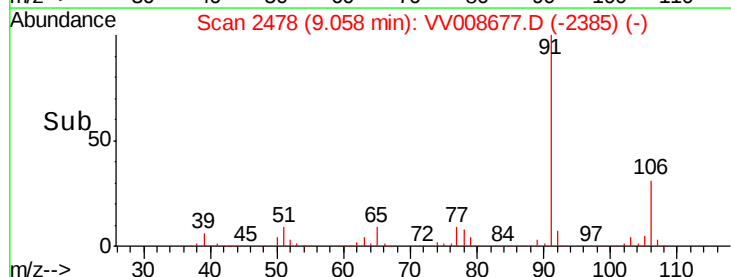
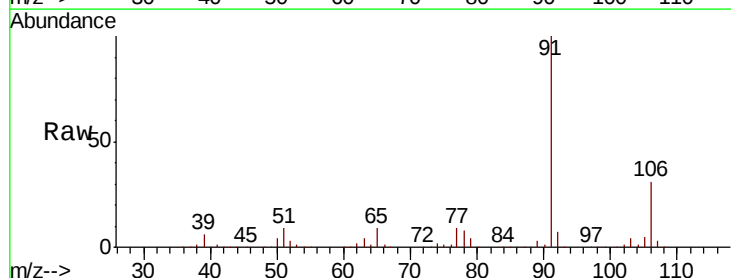
Instrument :
MSVOA_V
ClientSampled :
E3YB0

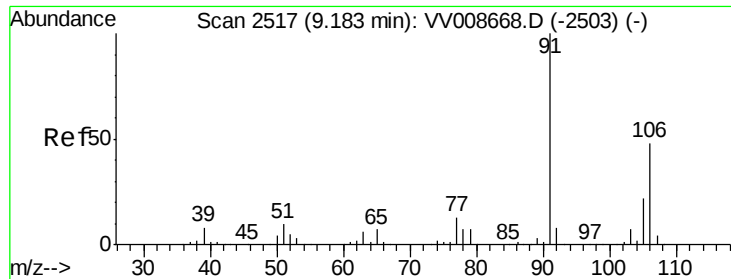
Tgt Ion: 43 Resp: 12960
Ion Ratio Lower Upper
43 100
58 28.0 41.4 62.0#
57 26.7 17.1 25.7#
100 0.0 9.2 13.8#



#52
Ethylbenzene
Concen: 129.486 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV008677.D
Acq: 20 Nov 2018 16:39

Tgt Ion: 91 Resp: 1229220
Ion Ratio Lower Upper
91 100
106 30.7 21.2 39.4





#53

m,p-Xylene

Concen: 273.993 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV008677.D

Acq: 20 Nov 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

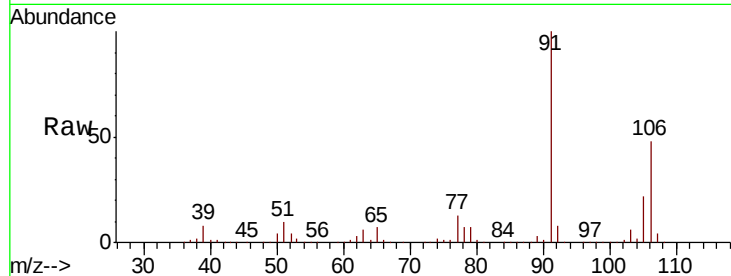
E3YB0

Tgt Ion:106 Resp: 955794

Ion Ratio Lower Upper

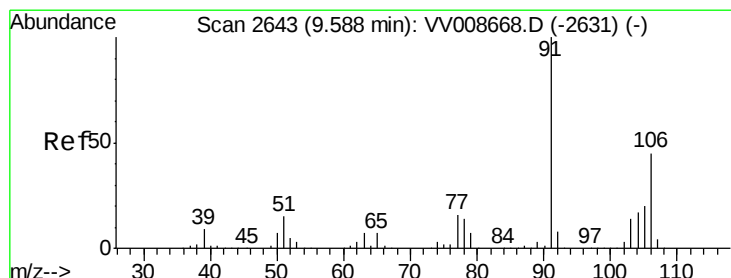
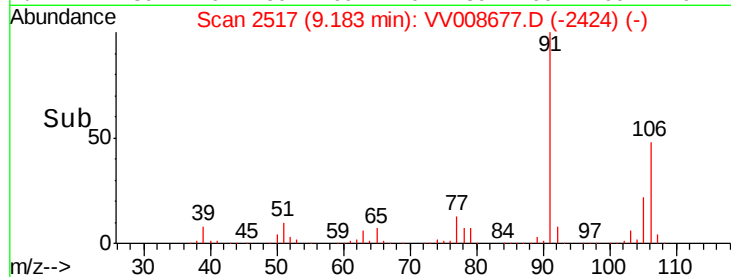
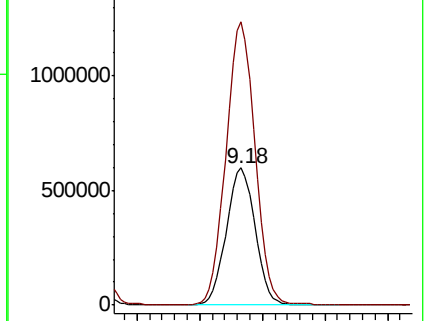
106 100

91 206.7 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.003 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV008677.D

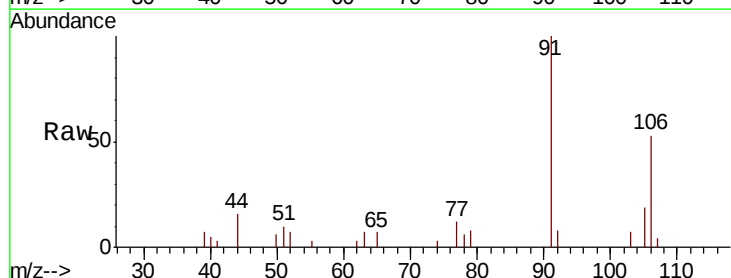
Acq: 20 Nov 2018 16:39

Tgt Ion:106 Resp: 3478

Ion Ratio Lower Upper

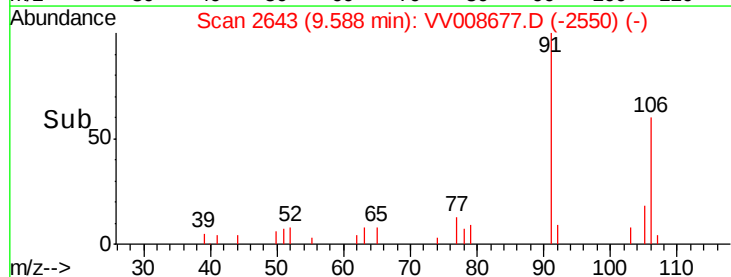
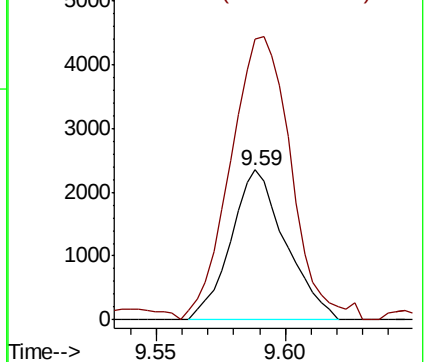
106 100

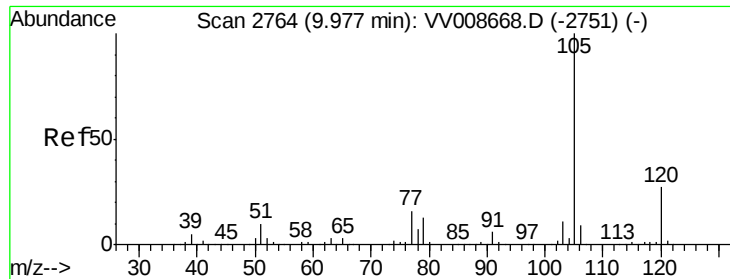
91 187.6 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 1.981 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008677.D

Acq: 20 Nov 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

E3YB0

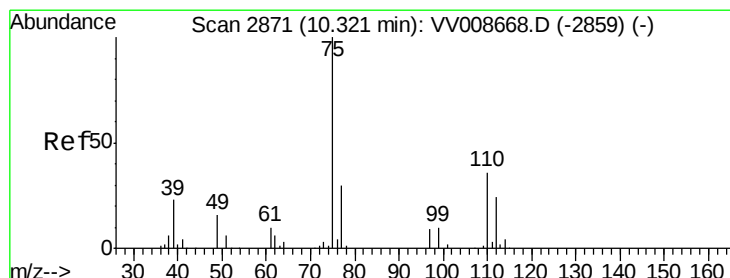
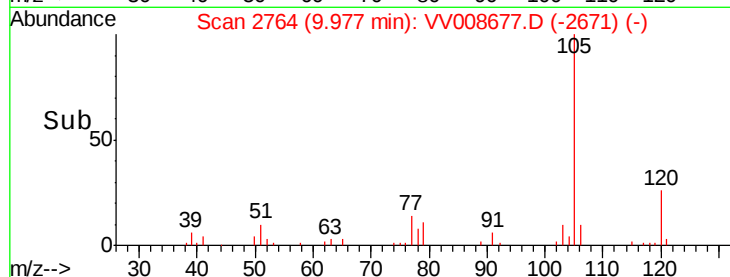
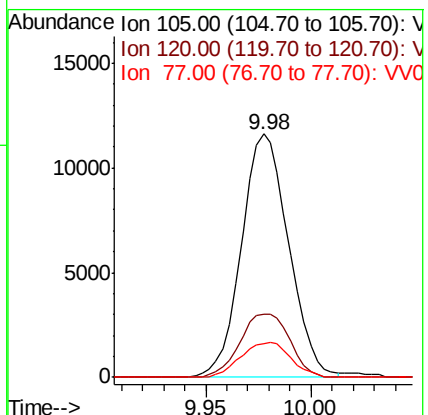
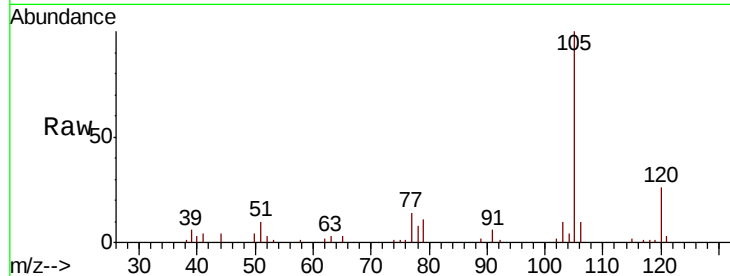
Tgt Ion: 105 Resp: 18068

Ion Ratio Lower Upper

105 100

120 27.5 20.5 30.7

77 15.2 12.8 19.2



#59

1,2,3-Trichloropropane

Concen: 4.901 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008677.D

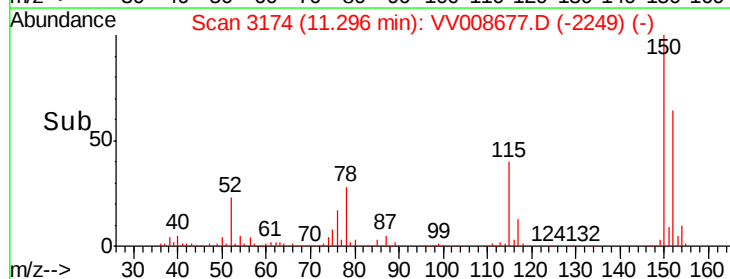
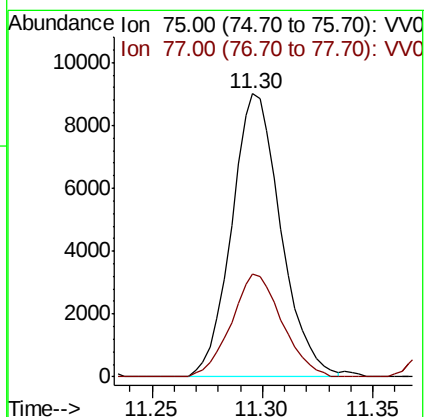
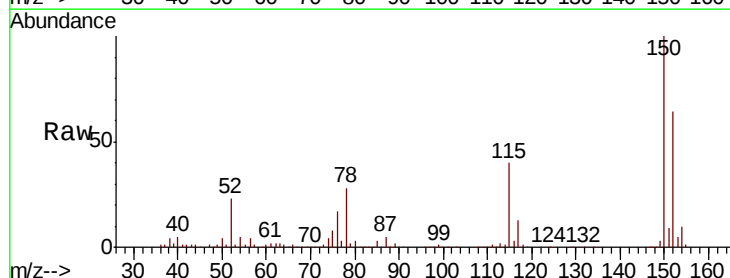
Acq: 20 Nov 2018 16:39

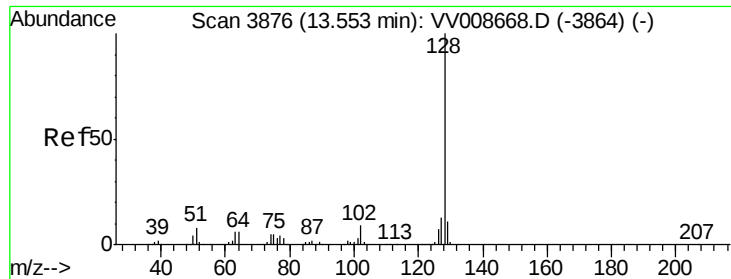
Tgt Ion: 75 Resp: 13951

Ion Ratio Lower Upper

75 100

77 37.4 26.0 39.0





#69

Naphthalene

Concen: 0.480 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VV008677.D

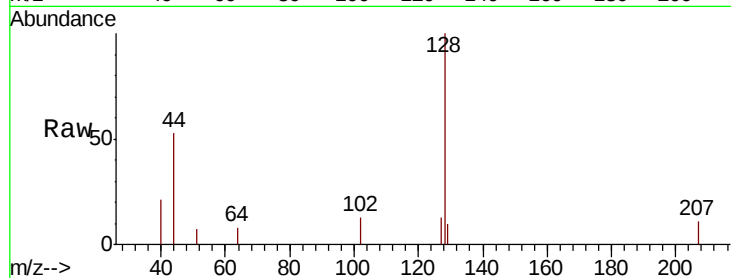
Acq: 20 Nov 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

E3YB0



Tgt Ion:128 Resp: 2744

Ion Ratio Lower Upper

128 100

127 6.5 9.4 14.0#

129 6.3 8.9 13.3#

