

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
 Data File : VL033381.D
 Acq On : 19 Mar 2019 7:52
 Operator : SY/AP
 Sample : K1805-07DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-3DL

Quant Time: Mar 19 08:57:58 2019
 Quant Title :
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	718309	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.28	114	1835734	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.23	117	1789323	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1491623	11.25	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.50%

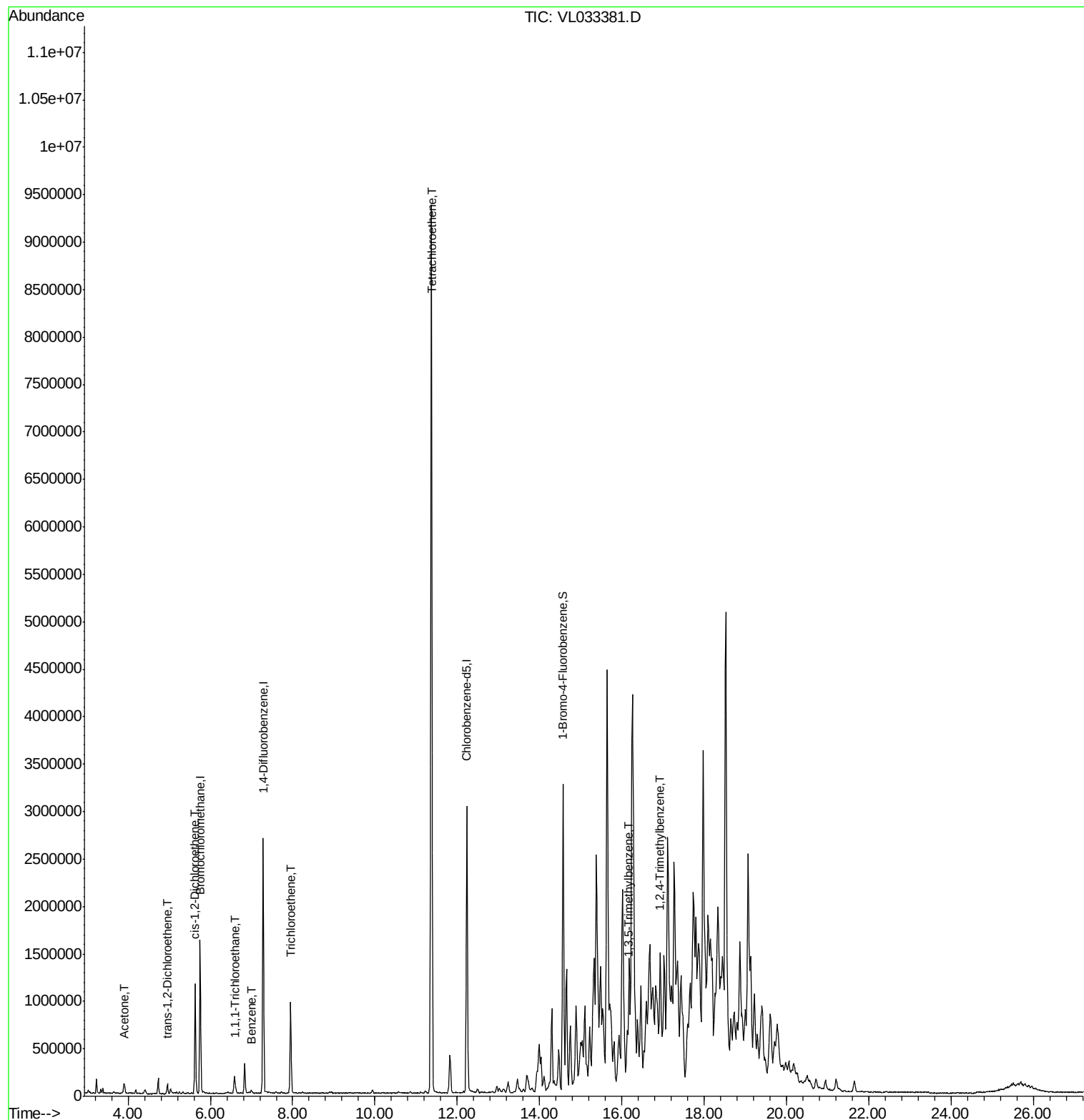
Target Compounds					Ovalue
15) Acetone	3.90	43	112517	1.008	ppbv 96
22) trans-1,2-Dichloroethene	4.96	96	32875	0.889	ppbv 96
31) cis-1,2-Dichloroethene	5.63	61	617061	8.505	ppbv 98
32) 1,1,1-Trichloroethane	6.61	97	31166	0.267	ppbv 89
36) Benzene	7.00	78	24810m	0.151	ppbv
38) Trichloroethene	7.95	130	279098	4.489	ppbv 97
52) Tetrachloroethene	11.37	164	2398255	35.040	ppbv 99
73) 1,3,5-Trimethylbenzene	16.15	105	79520m	0.339	ppbv
74) 1,2,4-Trimethylbenzene	16.92	105	164733m	0.663	ppbv

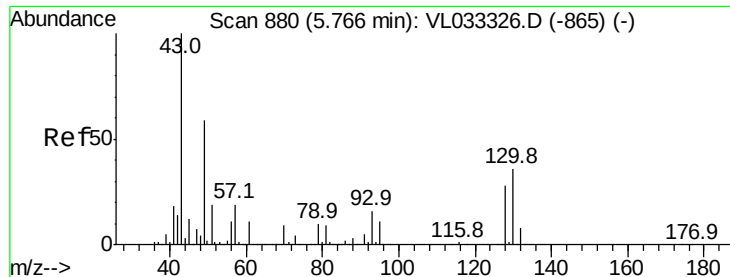
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031819\
Data File : VL033381.D
Acq On : 19 Mar 2019 7:52
Operator : SY/AP
Sample : K1805-07DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ST-SS-3DL

Quant Time: Mar 19 08:57:58 2019
Quant Title :
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 875

Delta R.T. -0.02 min

Lab File: VL033381.D

Acq: 19 Mar 2019 7:52

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-3DL

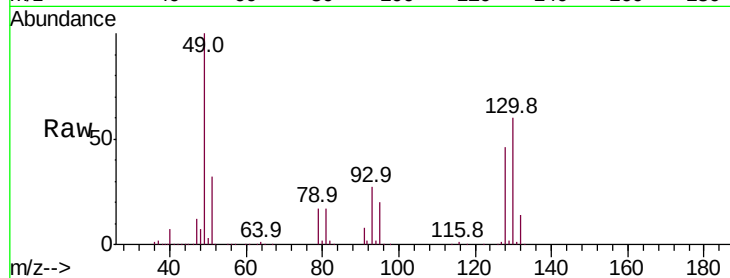
Tot Ion: 49 Resp: 718309

Ion Ratio Lower Upper

49 100

128 47.1 23.5 70.6

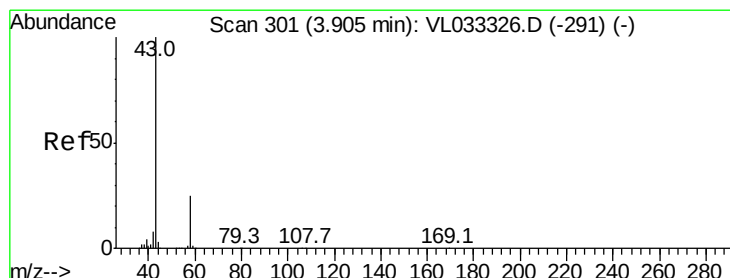
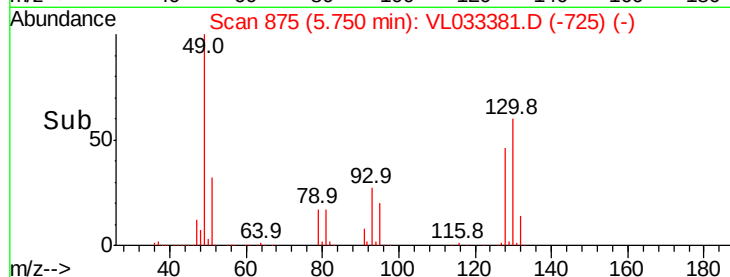
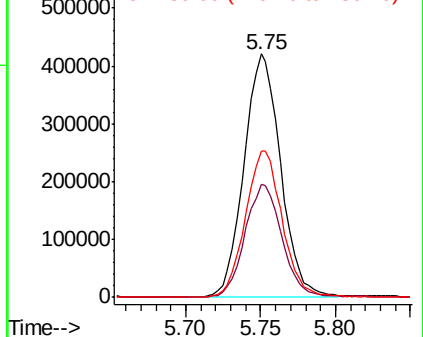
130 60.9 30.1 90.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 1.008 ppbv

RT: 3.90 min Scan# 300

Delta R.T. -0.00 min

Lab File: VL033381.D

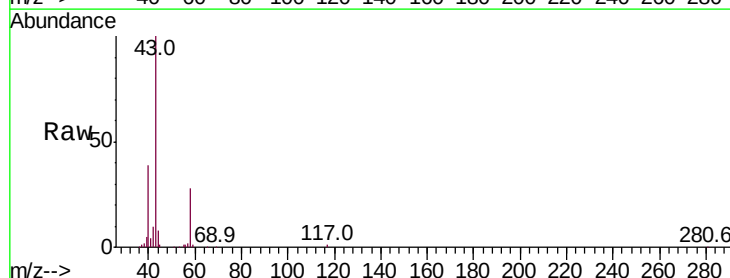
Acq: 19 Mar 2019 7:52

Tgt Ion: 43 Resp: 112517

Ion Ratio Lower Upper

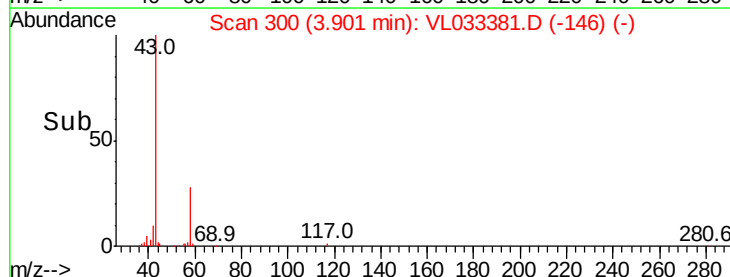
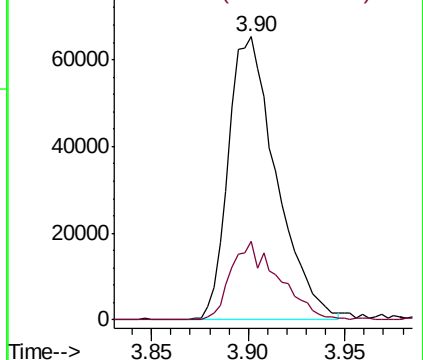
43 100

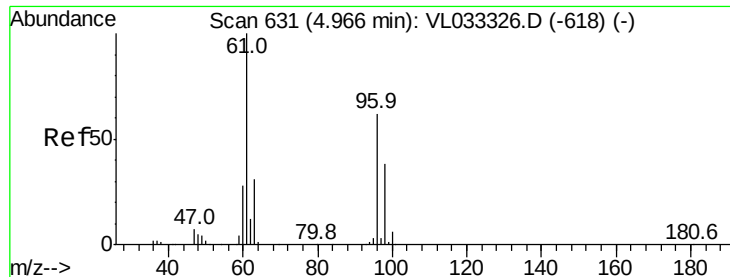
58 27.8 20.4 30.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.889 ppbv

RT: 4.96 min Scan# 628

Delta R.T. -0.01 min

Lab File: VL033381.D

Acq: 19 Mar 2019 7:52

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-3DL

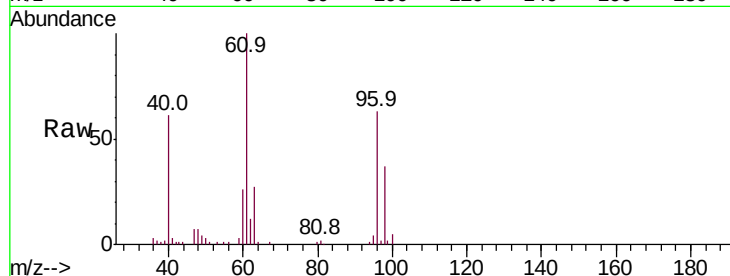
Tot Ion: 96 Resp: 32875

Ion Ratio Lower Upper

96 100

61 156.4 130.0 195.0

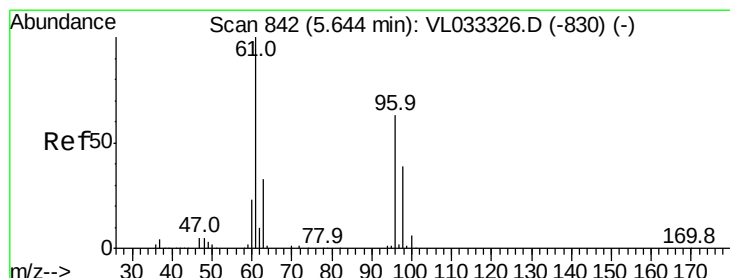
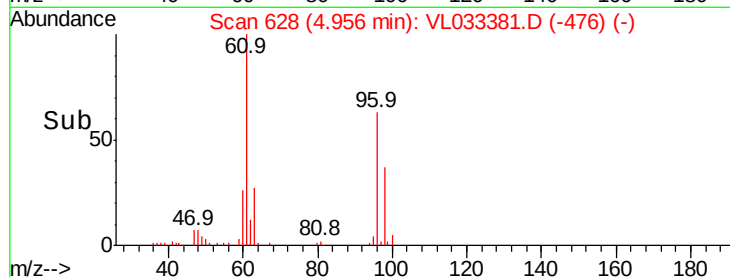
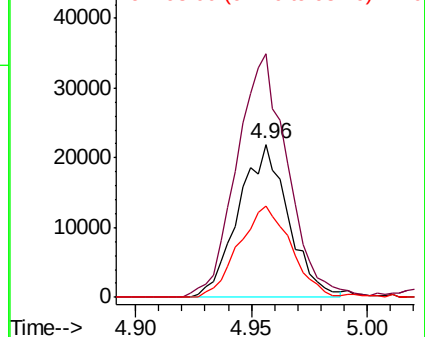
98 59.4 50.0 75.0



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#31

cis-1,2-Dichloroethene

Concen: 8.505 ppbv

RT: 5.63 min Scan# 838

Delta R.T. -0.01 min

Lab File: VL033381.D

Acq: 19 Mar 2019 7:52

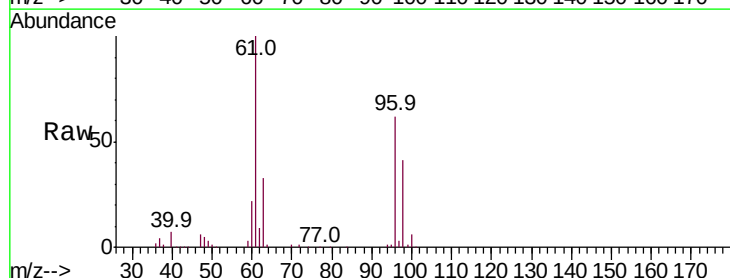
Tgt Ion: 61 Resp: 617061

Ion Ratio Lower Upper

61 100

96 61.6 50.3 75.5

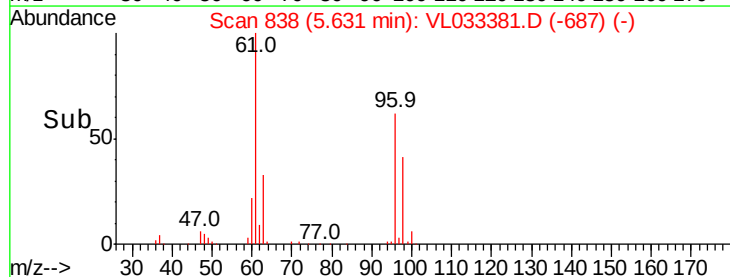
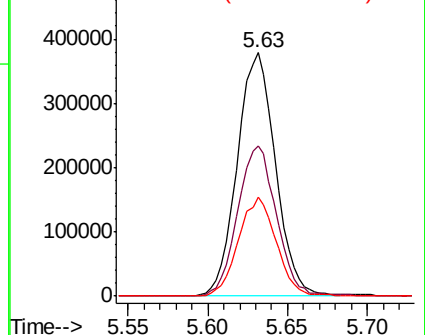
98 40.5 31.5 47.3

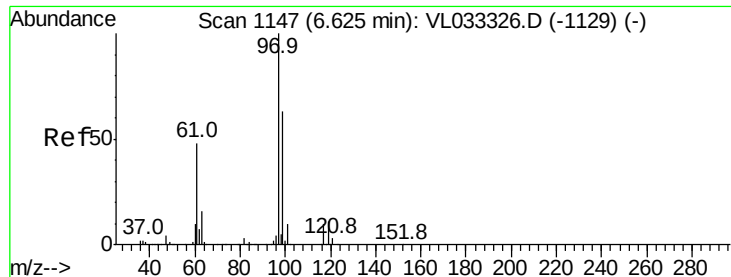


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0





#32

1,1,1-Trichloroethane

Concen: 0.267 ppbv

RT: 6.61 min Scan# 1142

Delta R.T. -0.02 min

Lab File: VL033381.D

Acq: 19 Mar 2019 7:52

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-3DL

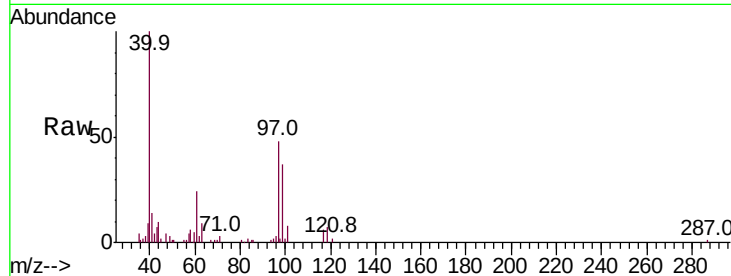
Tot Ion: 97 Resp: 31166

Ion Ratio Lower Upper

97 100

99 71.1 51.0 76.6

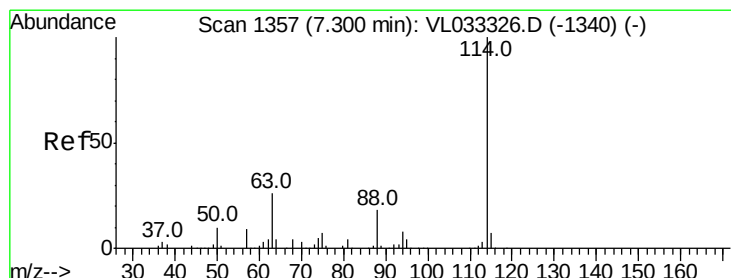
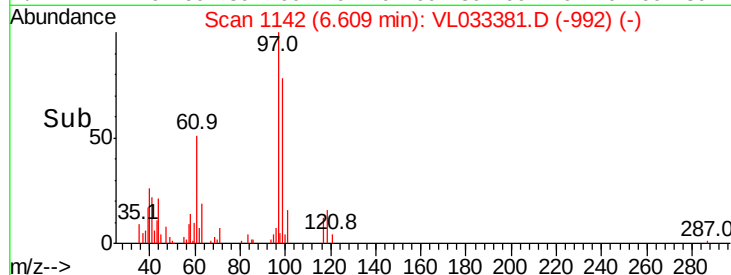
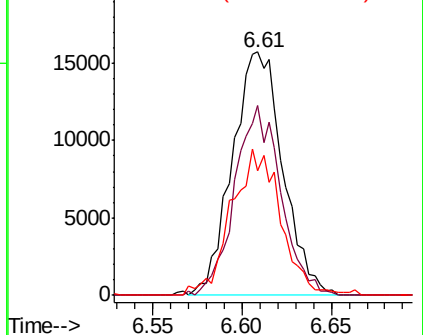
61 58.5 39.3 58.9



Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.28 min Scan# 1351

Delta R.T. -0.02 min

Lab File: VL033381.D

Acq: 19 Mar 2019 7:52

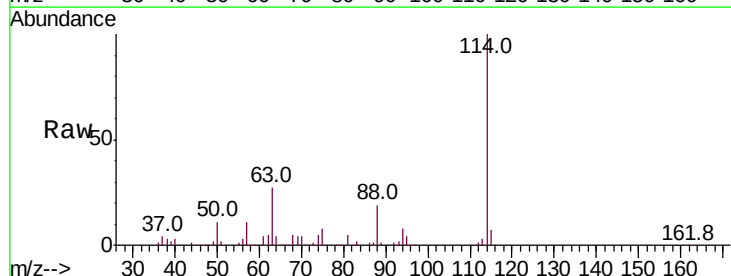
Tgt Ion: 114 Resp: 1835734

Ion Ratio Lower Upper

114 100

63 27.3 21.4 32.2

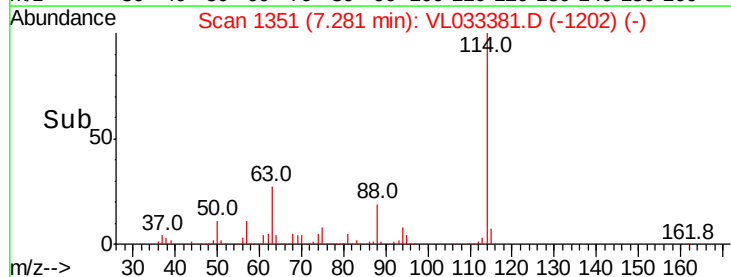
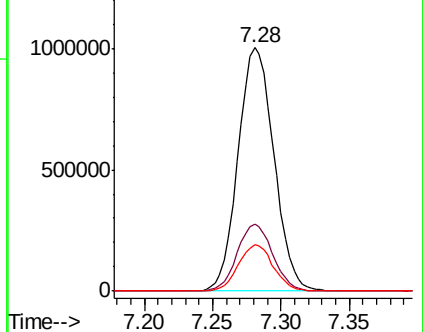
88 18.7 14.5 21.7

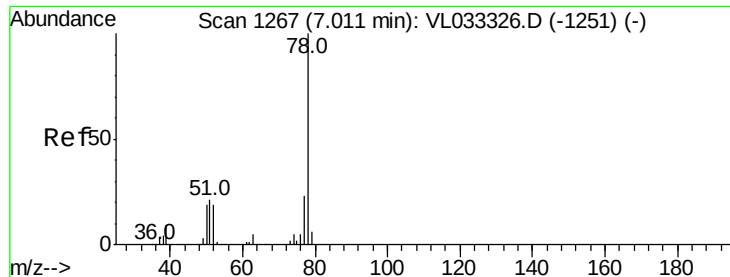


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





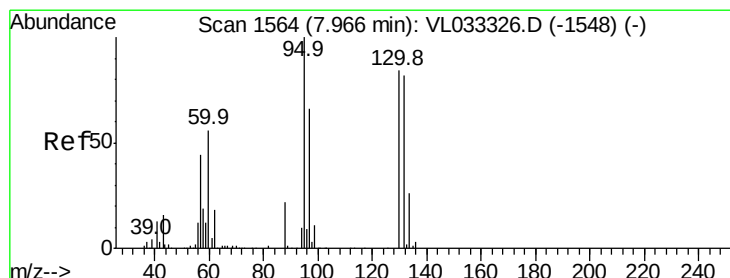
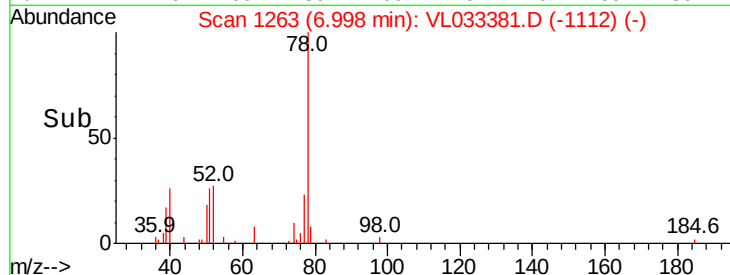
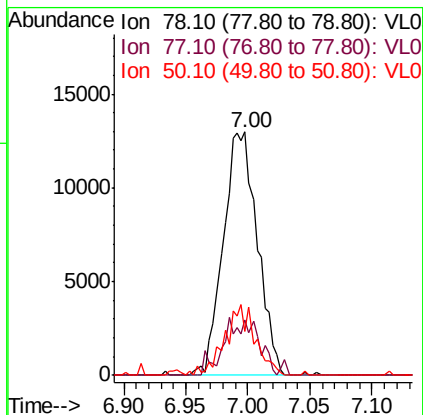
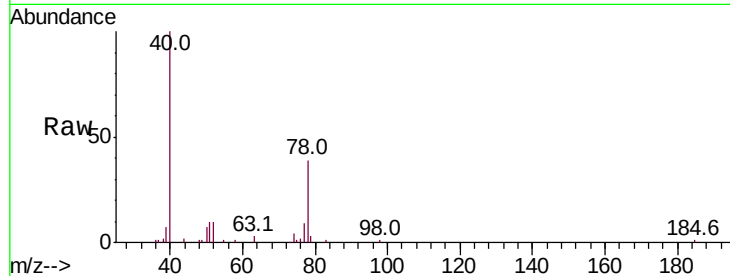
#36

Benzene

Concen: 0.151 ppbv m
 RT: 7.00 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VL033381.D
 Acq: 19 Mar 2019 7:52

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-3DL

Tot Ion: 78 Resp: 24810
 Ion Ratio Lower Upper
 78 100
 77 22.7 18.1 27.1
 50 18.3 15.2 22.8

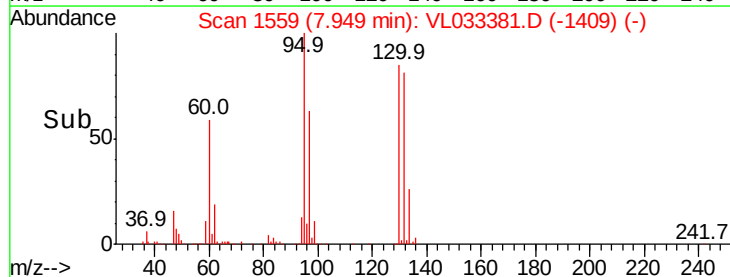
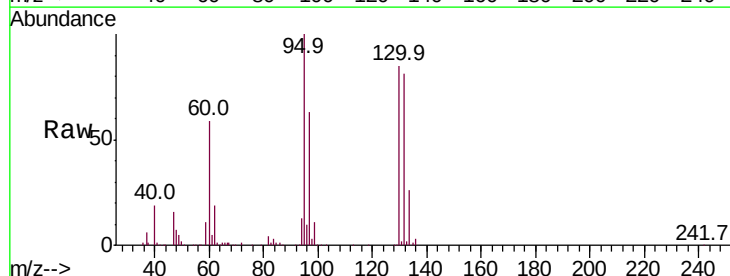
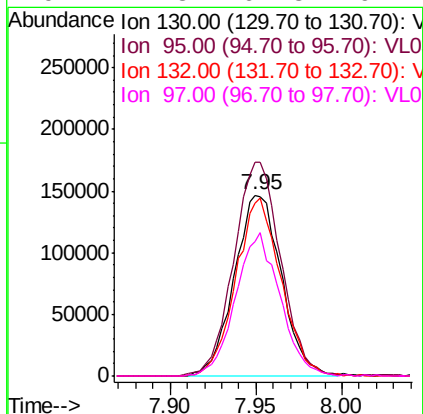


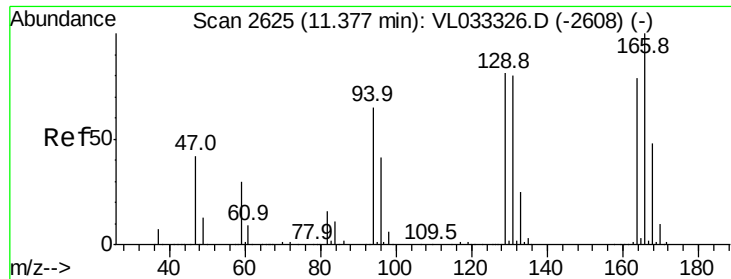
#38

Trichloroethene

Concen: 4.489 ppbv
 RT: 7.95 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: VL033381.D
 Acq: 19 Mar 2019 7:52

Tgt Ion: 130 Resp: 279098
 Ion Ratio Lower Upper
 130 100
 95 117.4 95.2 142.8
 132 95.1 77.7 116.5
 97 74.3 62.8 94.2





#52

Tetrachloroethene

Concen: 35.040 ppbv

RT: 11.37 min Scan# 2623

Delta R.T. -0.01 min

Lab File: VL033381.D

Acq: 19 Mar 2019 7:52

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-3DL

Tot Ion:164 Resp: 2398255

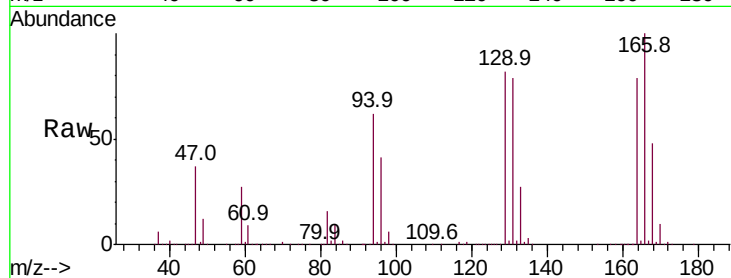
Ion Ratio Lower Upper

164 100

166 126.7 101.5 152.3

129 103.7 82.2 123.2

131 100.3 81.1 121.7

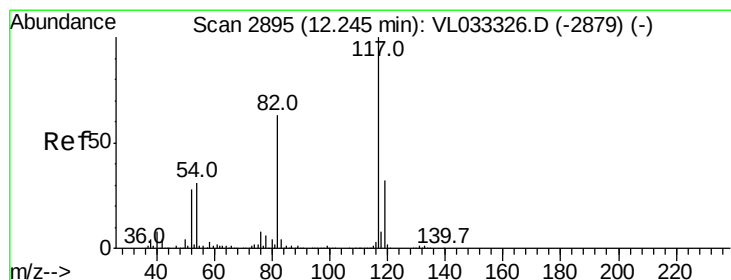
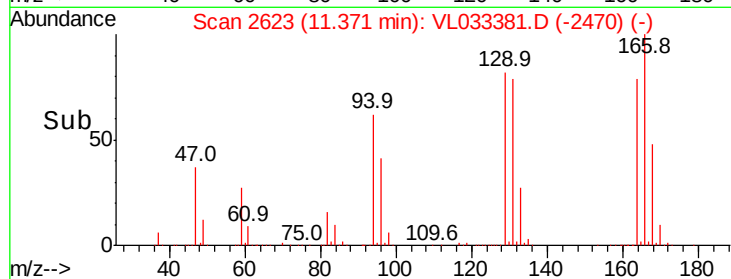
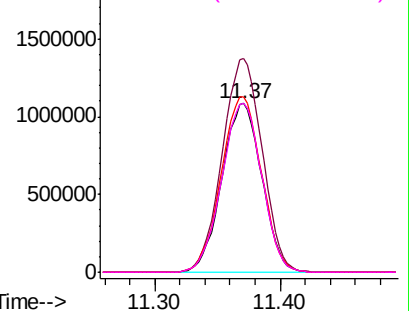


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL033381.D

Acq: 19 Mar 2019 7:52

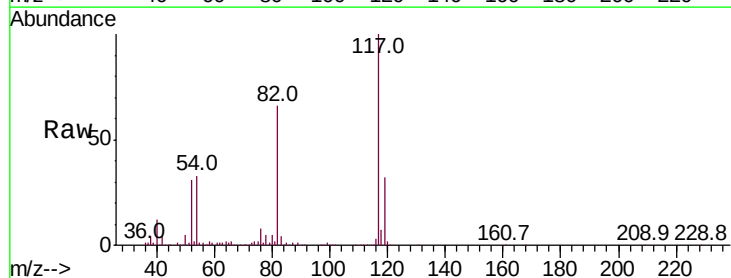
Tgt Ion:117 Resp: 1789323

Ion Ratio Lower Upper

117 100

82 68.4 53.4 80.2

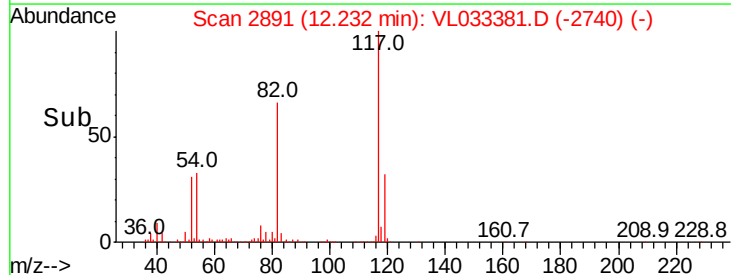
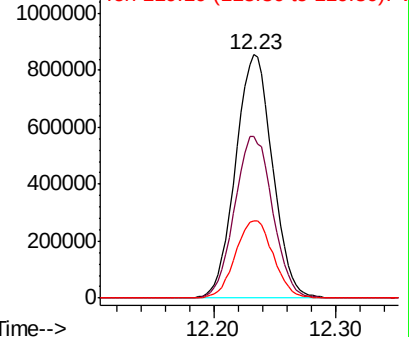
119 32.7 27.3 40.9

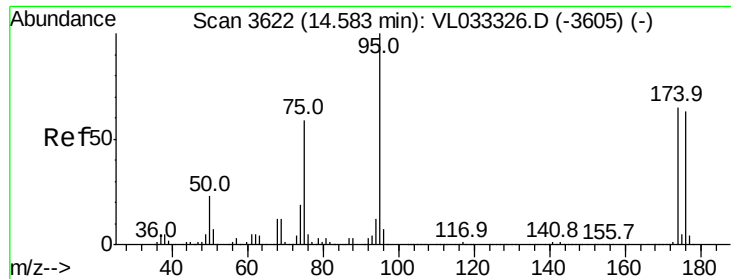


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V

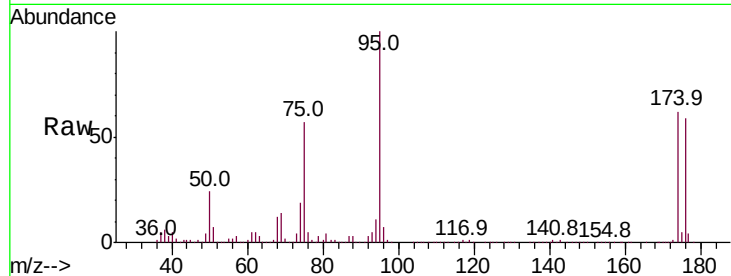




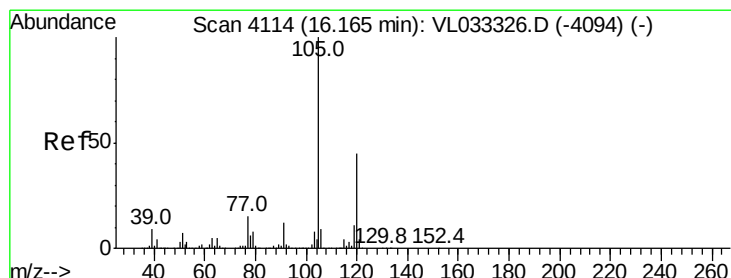
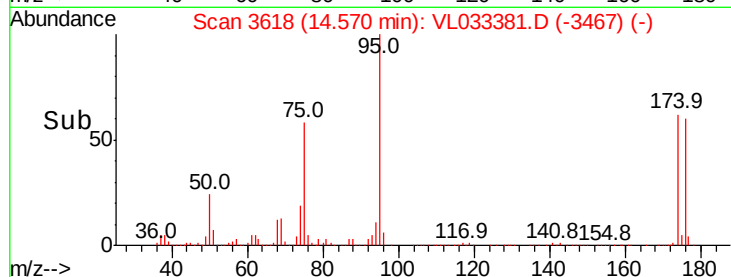
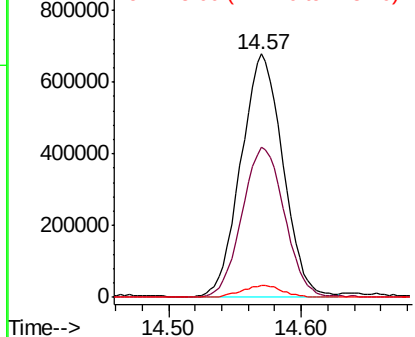
#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.250 ppbv
 RT: 14.57 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL033381.D
 Acq: 19 Mar 2019 7:52

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-3DL

Tot Ion: 95 Resp: 1491623
 Ion Ratio Lower Upper
 95 100
 174 63.3 51.5 77.3
 175 4.7 3.8 5.6

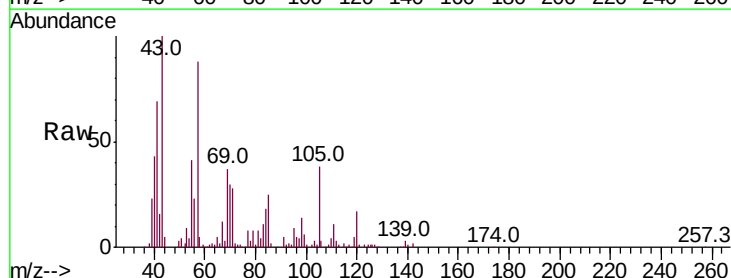


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

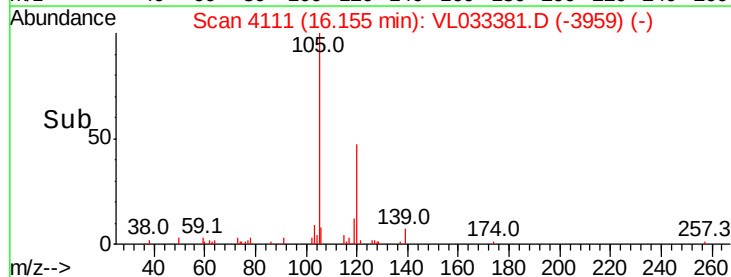
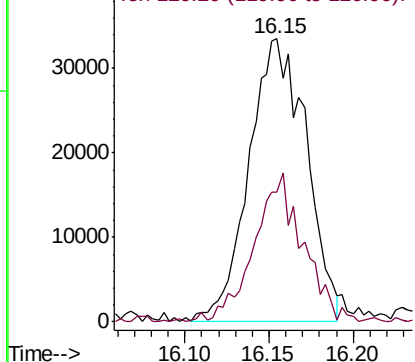


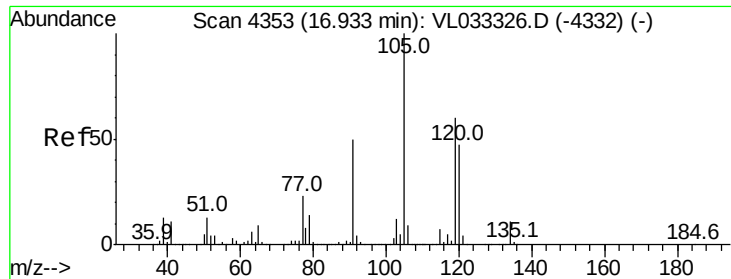
#73
 1,3,5-Trimethylbenzene
 Concen: 0.339 ppbv m
 RT: 16.15 min Scan# 4111
 Delta R.T. -0.01 min
 Lab File: VL033381.D
 Acq: 19 Mar 2019 7:52

Tgt Ion:105 Resp: 79520
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.2 54.4



Abundance Ion 105.10 (104.80 to 105.80): V
 Ion 120.20 (119.90 to 120.90): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.663 ppbv m
 RT: 16.92 min Scan# 4349
 Delta R.T. -0.01 min
 Lab File: VL033381.D
 Acq: 19 Mar 2019 7:52

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-3DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	37.8	37.4	56.2
91	14.2	41.0	61.4#
77	25.6	18.5	27.7

