

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
 Data File : VL032179.D
 Acq On : 2 Jul 2018 13:08
 Operator : SY/AP
 Sample : QC061318 CAN 10160
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10160

Quant Time: Jul 03 05:01:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1633954	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3923014	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3522195	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2745143	10.20	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

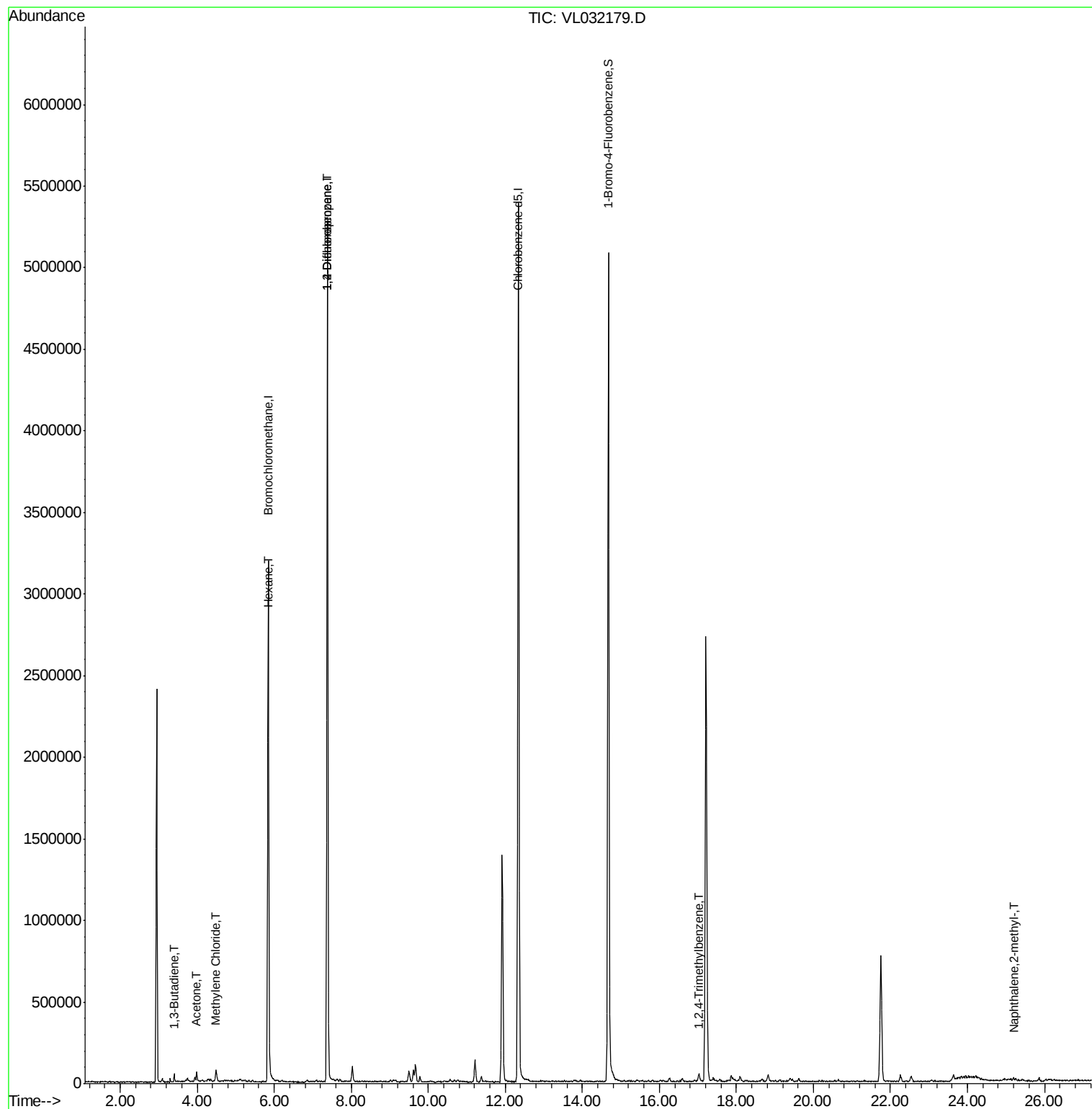
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.99	43	59511	0.311	ppbv #	88
16) 1,3-Butadiene	3.41	39	13087	0.144	ppbv #	8
20) Methylene Chloride	4.48	84	16703	0.239	ppbv #	85
26) Hexane	5.86	57	13772	0.076	ppbv #	1
39) 1,2-Dichloropropane	7.38	63	1039262	6.940	ppbv #	27
74) 1,2,4-Trimethylbenzene	17.03	105	17730	0.032	ppbv #	75
80) Naphthalene,2-methyl-	25.20	142	11773	0.064	ppbv	95

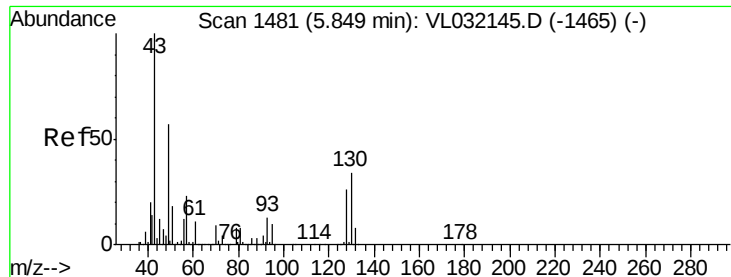
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
Data File : VL032179.D
Acq On : 2 Jul 2018 13:08
Operator : SY/AP
Sample : QC061318 CAN 10160
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC061318 CAN 10160

Quant Time: Jul 03 05:01:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. -0.02 min

Lab File: VL032179.D

Acq: 2 Jul 2018 13:08

Instrument :

MSVOA_L

ClientSampleId :

QC061318 CAN 10160

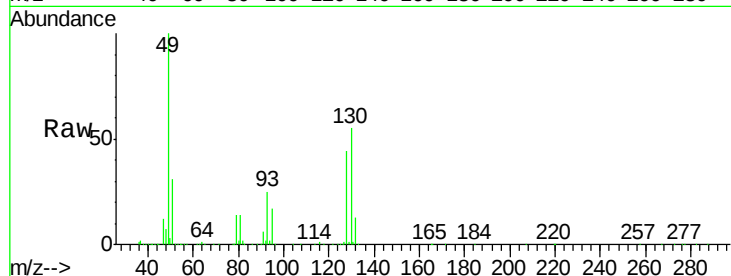
Tgt Ion: 49 Resp: 1633954

Ion Ratio Lower Upper

49 100

128 45.9 23.4 70.0

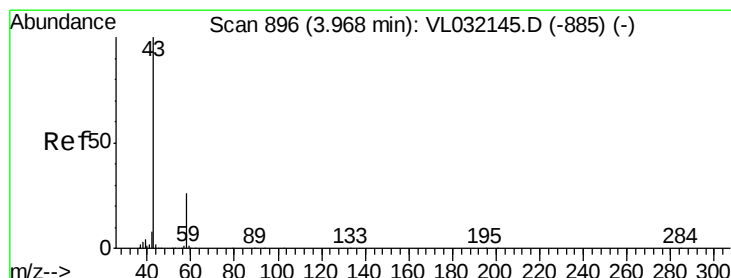
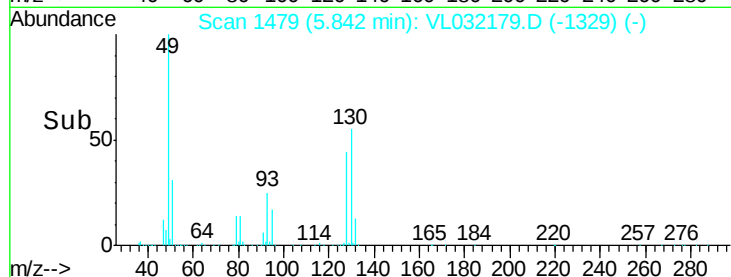
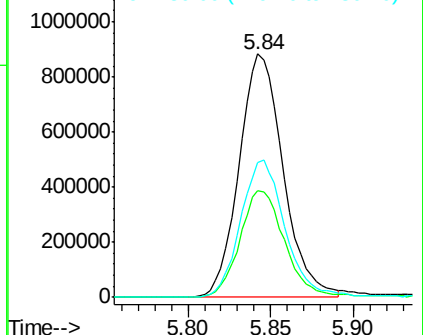
130 59.0 30.3 90.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.311 ppbv

RT: 3.99 min Scan# 902

Delta R.T. 0.01 min

Lab File: VL032179.D

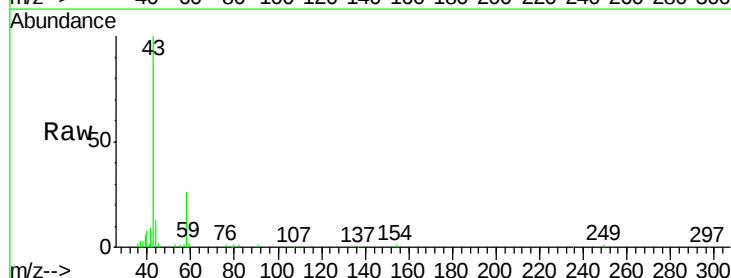
Acq: 2 Jul 2018 13:08

Tgt Ion: 43 Resp: 59511

Ion Ratio Lower Upper

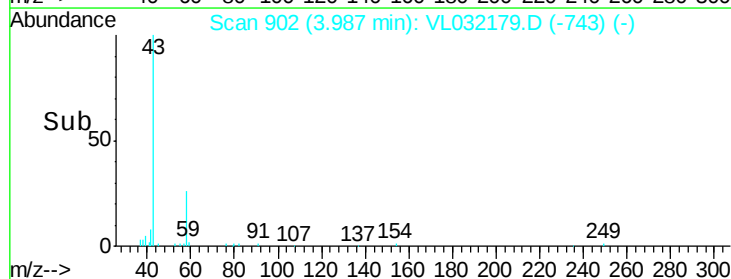
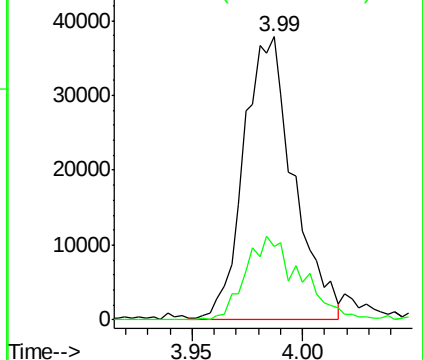
43 100

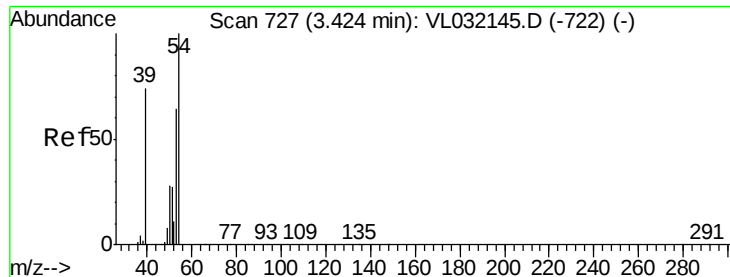
58 32.7 21.4 32.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

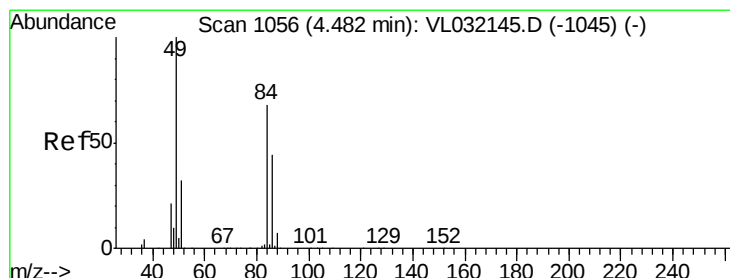
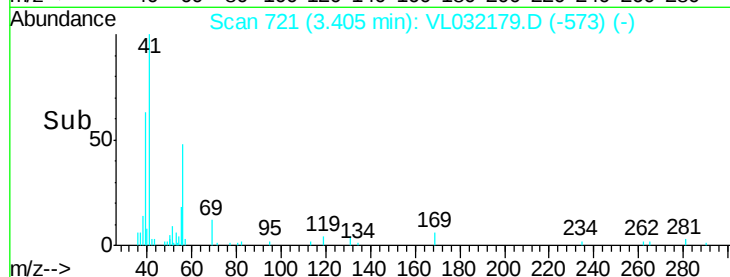
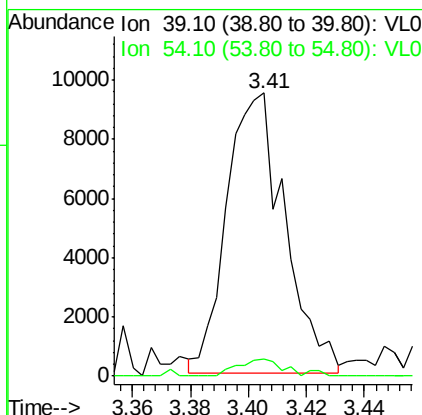
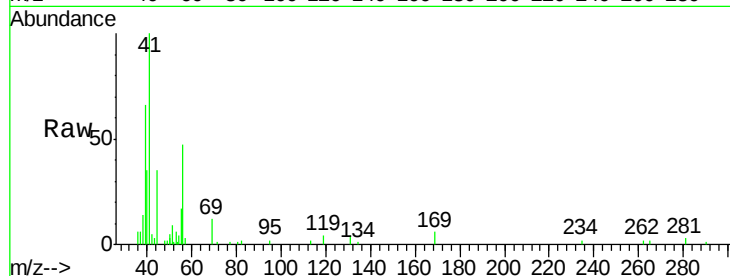




#16
 1,3-Butadiene
 Concen: 0.144 ppbv
 RT: 3.41 min Scan# 721
 Delta R.T. -0.03 min
 Lab File: VL032179.D
 Acq: 2 Jul 2018 13:08

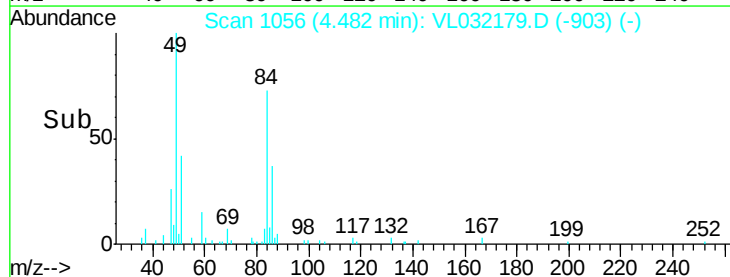
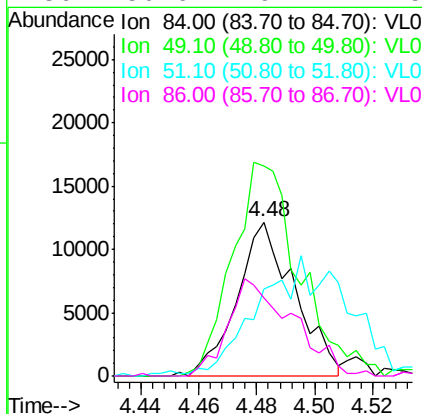
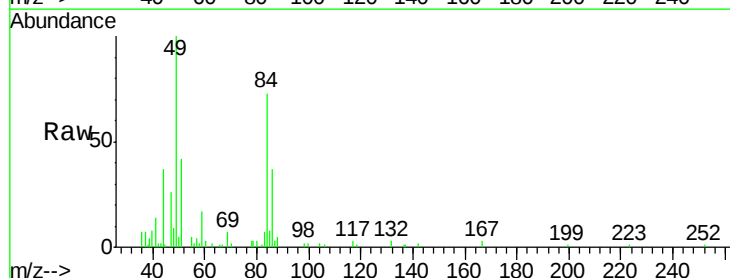
Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10160

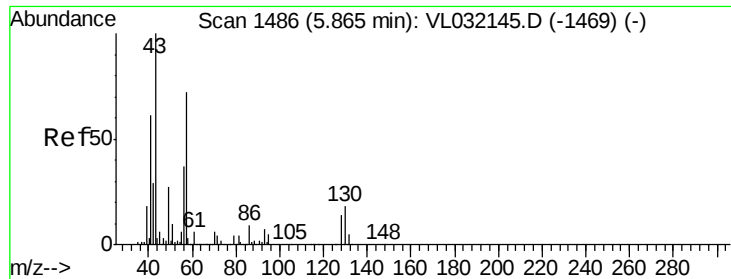
Tgt Ion: 39 Resp: 13087
 Ion Ratio Lower Upper
 39 100
 54 5.4 75.8 113.6#



#20
 Methylene Chloride
 Concen: 0.239 ppbv
 RT: 4.48 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: VL032179.D
 Acq: 2 Jul 2018 13:08

Tgt Ion: 84 Resp: 16703
 Ion Ratio Lower Upper
 84 100
 49 131.0 119.6 179.4
 51 54.8 36.3 54.5#
 86 50.6 49.7 74.5

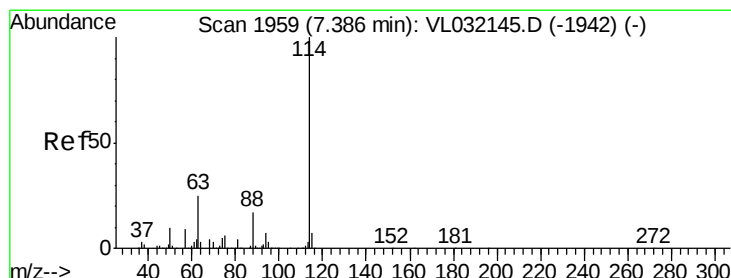
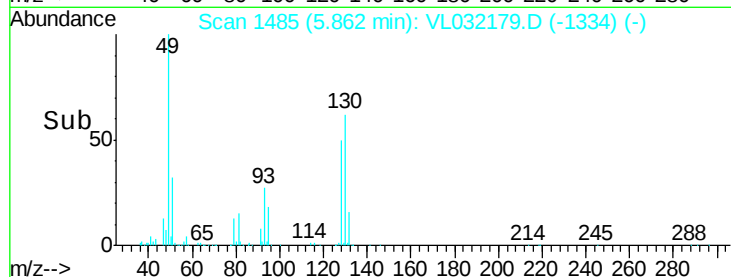
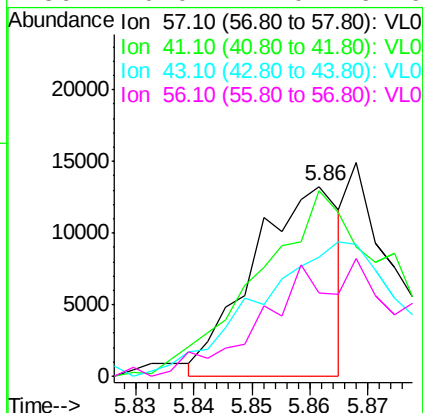
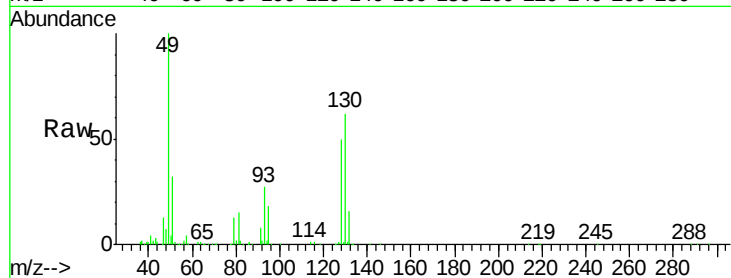




#26
Hexane
Concen: 0.076 ppbv
RT: 5.86 min Scan# 1485
Delta R.T. -0.02 min
Lab File: VL032179.D
Acq: 2 Jul 2018 13:08

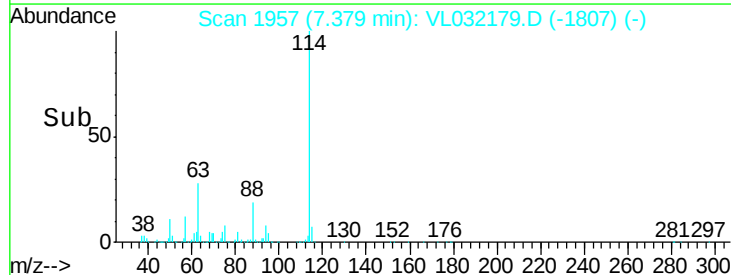
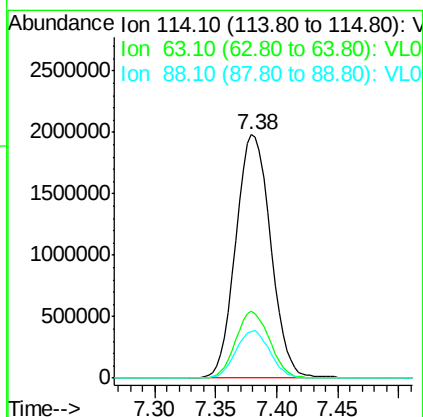
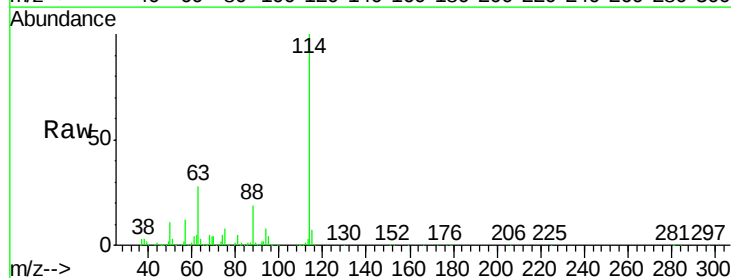
Instrument :
MSVOA_L
ClientSampleId :
QC061318 CAN 10160

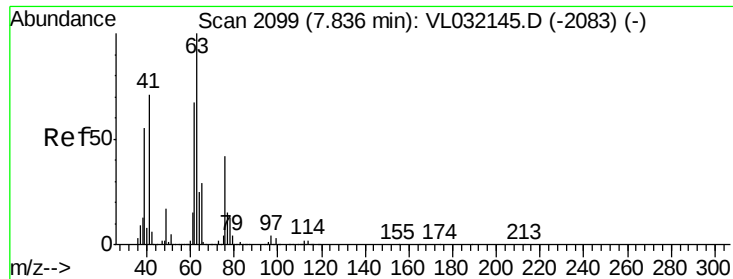
Tgt Ion: 57 Resp: 13772
Ion Ratio Lower Upper
57 100
41 154.8 68.6 103.0#
43 0.0 168.6 252.8#
56 0.0 41.0 61.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.02 min
Lab File: VL032179.D
Acq: 2 Jul 2018 13:08

Tgt Ion: 114 Resp: 3923014
Ion Ratio Lower Upper
114 100
63 26.9 19.1 28.7
88 19.1 13.9 20.9



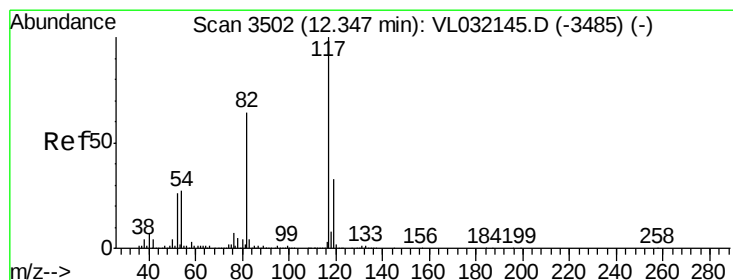
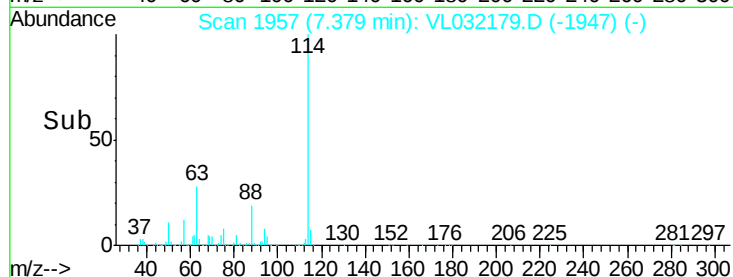
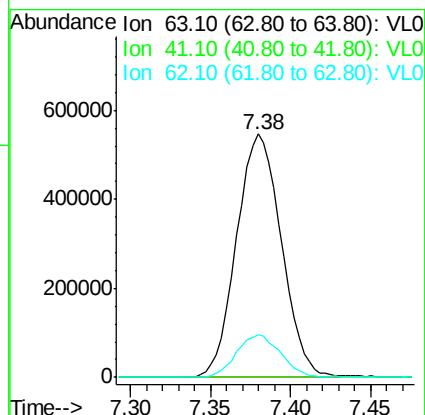
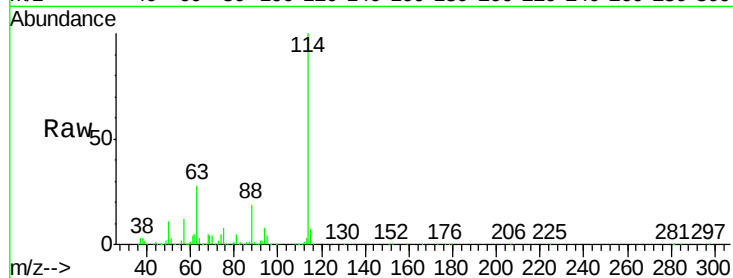


#39
 1,2-Dichloropropane
 Concen: 6.940 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.47 min
 Lab File: VL032179.D
 Acq: 2 Jul 2018 13:08

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10160

Tgt Ion: 63 Resp: 1039262

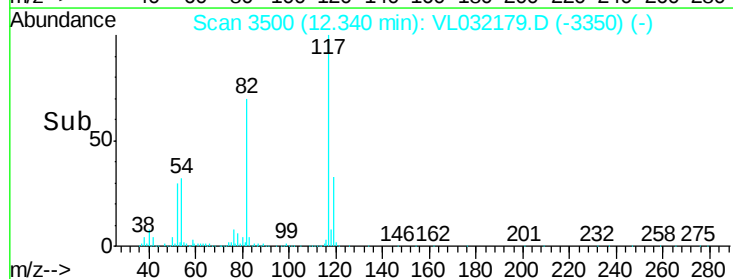
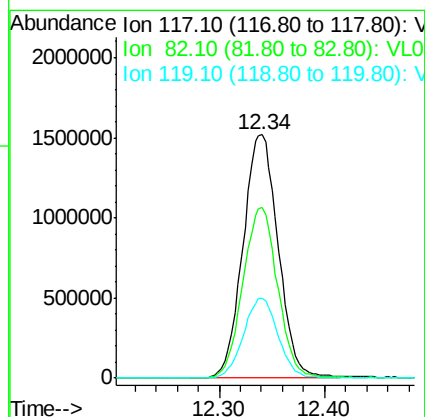
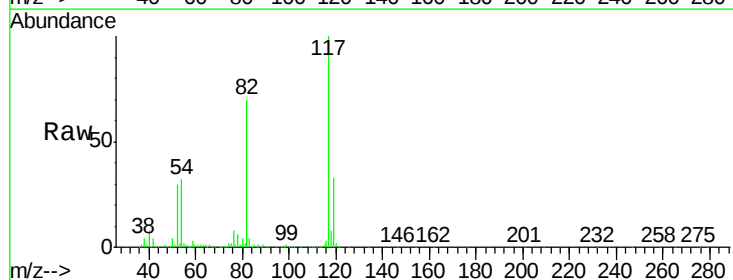
Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.3	79.9#
62	17.6	54.8	82.2#

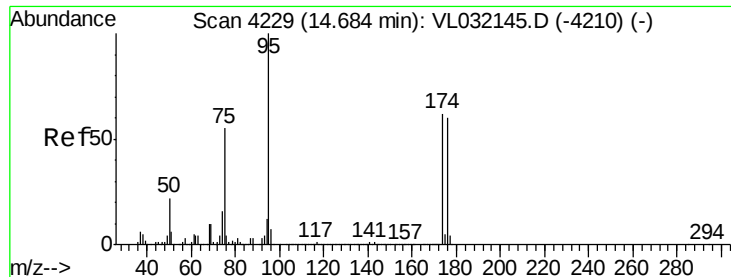


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.34 min Scan# 3500
 Delta R.T. -0.02 min
 Lab File: VL032179.D
 Acq: 2 Jul 2018 13:08

Tgt Ion: 117 Resp: 3522195

Ion	Ratio	Lower	Upper
117	100		
82	70.1	47.8	71.8
119	32.4	43.3	64.9#

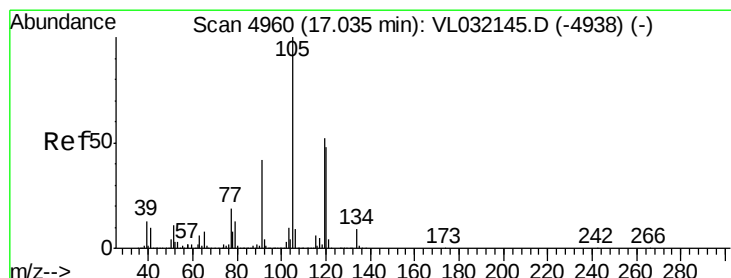
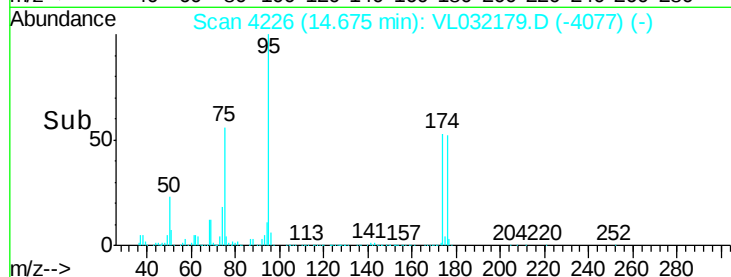
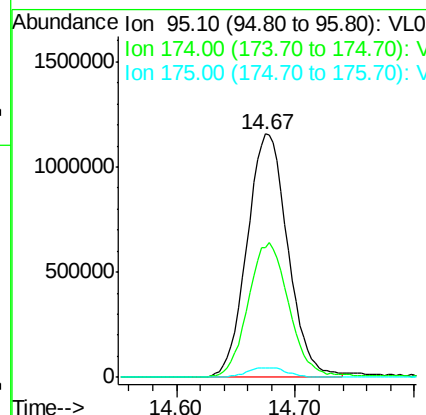
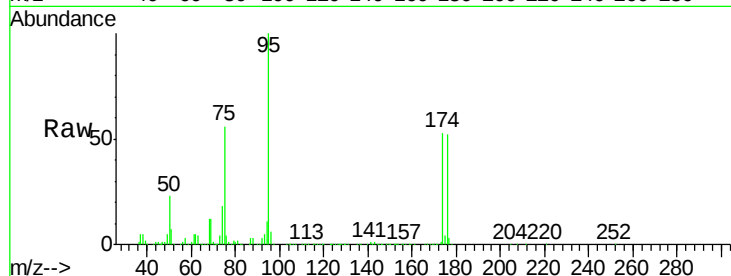




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.196 ppbv
 RT: 14.67 min Scan# 4226
 Delta R.T. -0.02 min
 Lab File: VL032179.D
 Acq: 2 Jul 2018 13:08

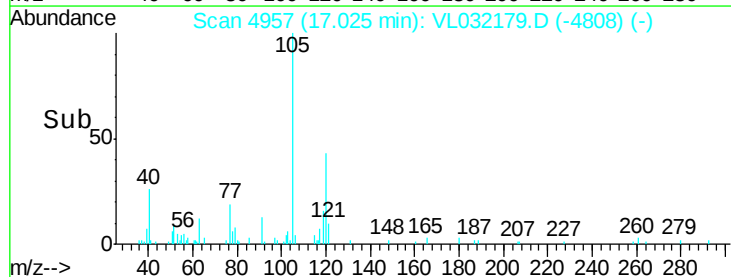
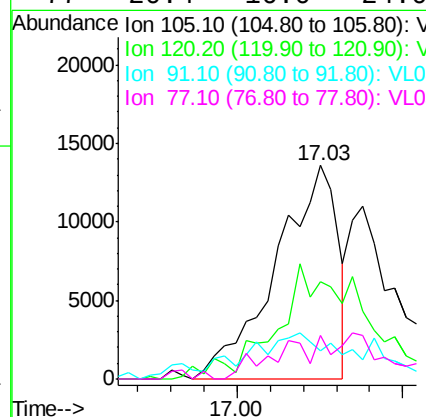
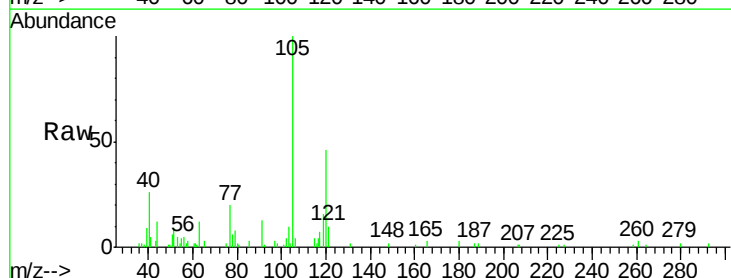
Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10160

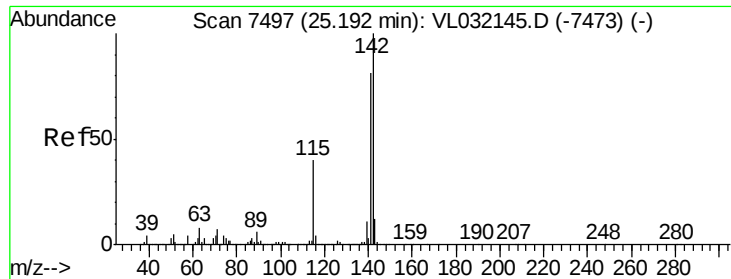
Tgt Ion: 95 Resp: 2745143
 Ion Ratio Lower Upper
 95 100
 174 56.7 52.1 78.1
 175 4.0 4.0 6.0#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.032 ppbv
 RT: 17.03 min Scan# 4957
 Delta R.T. -0.02 min
 Lab File: VL032179.D
 Acq: 2 Jul 2018 13:08

Tgt Ion: 105 Resp: 17730
 Ion Ratio Lower Upper
 105 100
 120 40.0 38.8 58.2
 91 9.0 33.6 50.4#
 77 20.4 16.0 24.0





#80

Naphthalene, 2-methyl-

Concen: 0.064 ppbv

RT: 25.20 min Scan# 7498

Delta R.T. -0.01 min

Lab File: VL032179.D

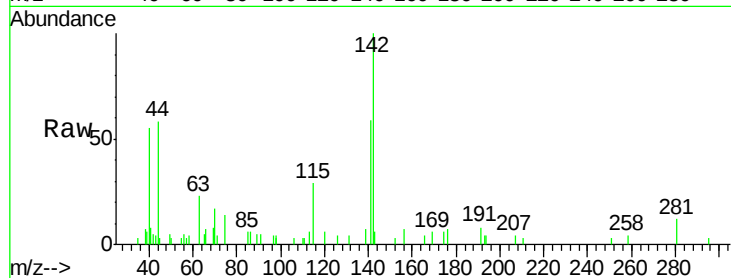
Acq: 2 Jul 2018 13:08

Instrument :

MSVOA_L

ClientSampleId :

QC061318 CAN 10160



Tgt Ion:	142	Resp:	11773
Ion	Ratio	Lower	Upper
142	100		
141	83.6	65.8	98.6
115	43.9	29.4	44.0

