

Data File : VL033894.D
Acq On : 7 Jun 2019 18:19
Operator : SY/AP
Sample : CAN 10455
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10455

Quant Time: Jun 08 04:20:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	775903	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1760259	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1750477	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1449023	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

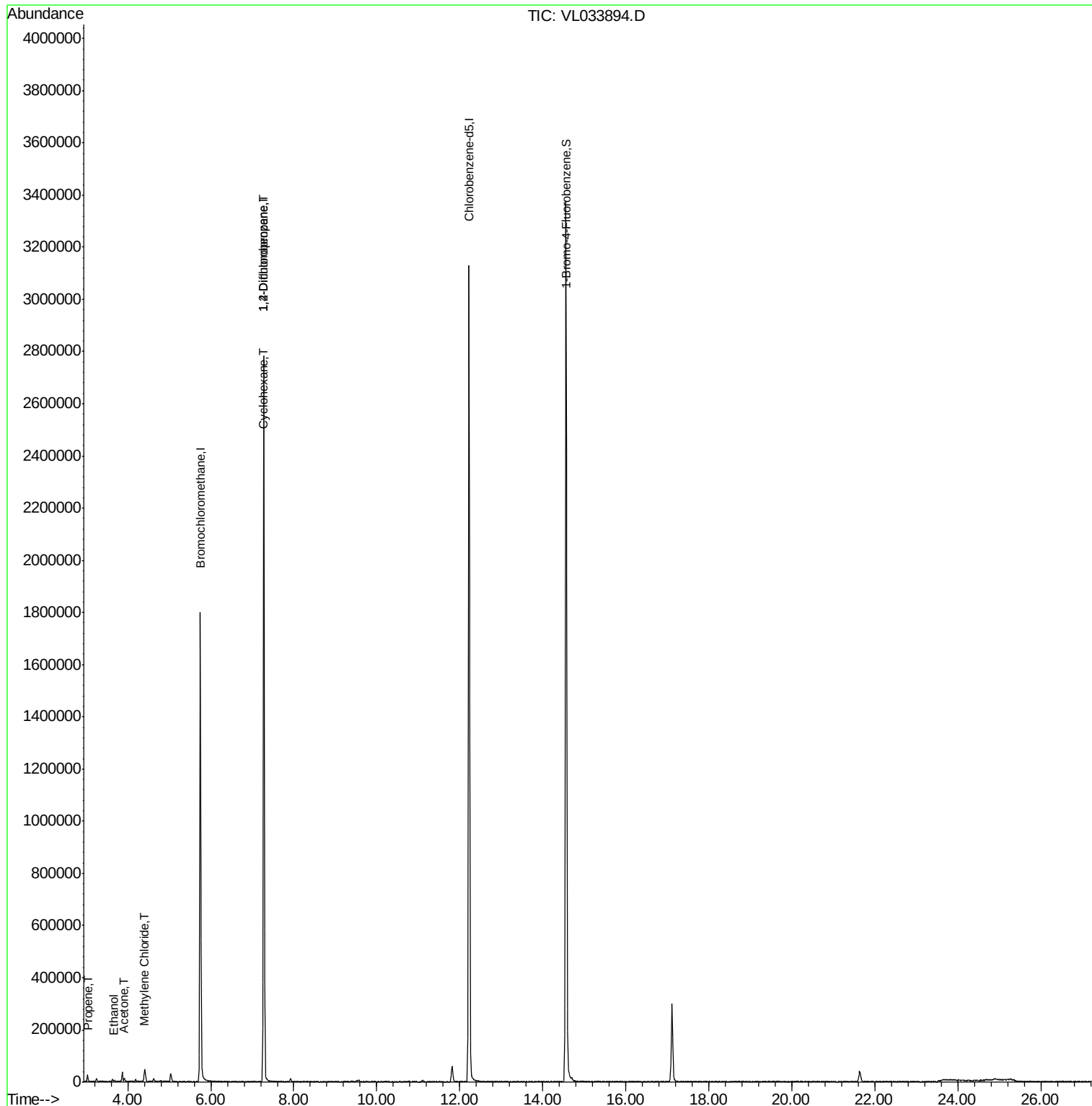
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.04	41	1131	0.033	ppbv	86
13) Ethanol	3.67	45	1115	0.100	ppbv	72
15) Acetone	3.91	43	11957	0.106	ppbv #	82
20) Methylene Chloride	4.40	84	12508	0.283	ppbv #	83
30) Cyclohexane	7.26	84	3994	0.072	ppbv #	1
39) 1,2-Dichloropropane	7.27	63	478452	9.219	ppbv #	26

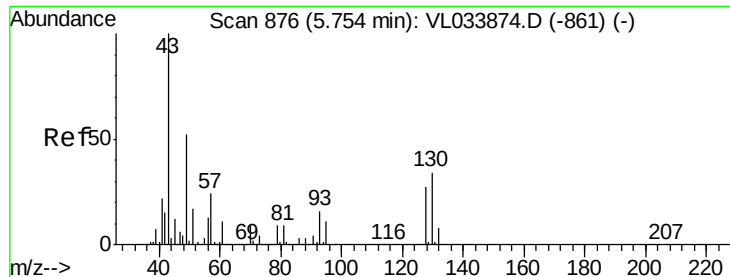
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL033894.D
Acq On : 7 Jun 2019 18:19
Operator : SY/AP
Sample : CAN 10455
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10455

Quant Time: Jun 08 04:20:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

Lab File: VL033894.D

Acq: 7 Jun 2019 18:19

Instrument :

MSVOA_L

ClientSampleId :

CAN 10455

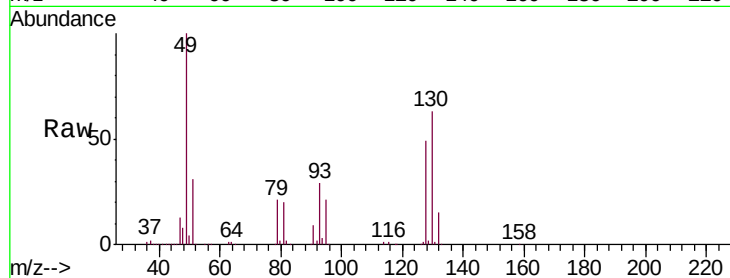
Tgt Ion: 49 Resp: 775903

Ion Ratio Lower Upper

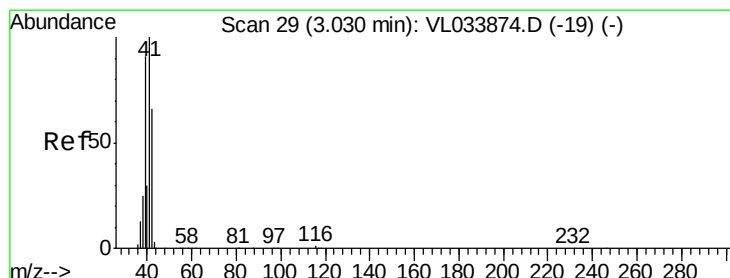
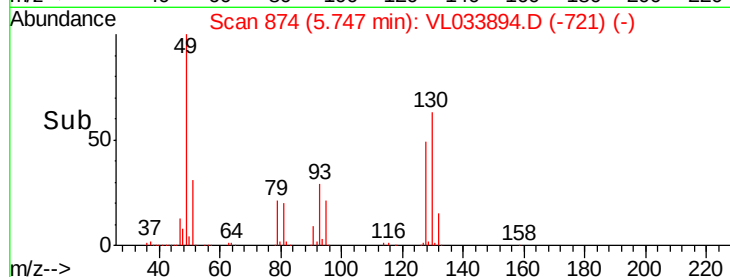
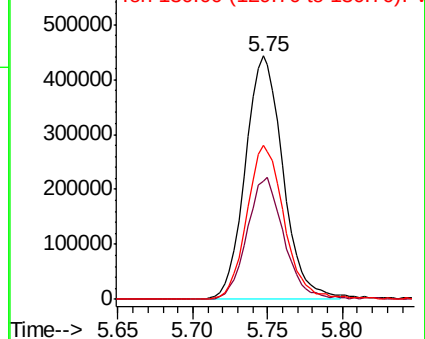
49 100

128 48.9 25.5 76.5

130 63.4 32.5 97.4



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



#9

Propene

Concen: 0.033 ppbv

RT: 3.04 min Scan# 31

Delta R.T. 0.01 min

Lab File: VL033894.D

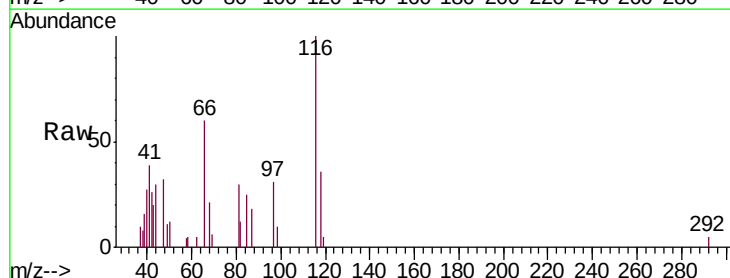
Acq: 7 Jun 2019 18:19

Tgt Ion: 41 Resp: 1131

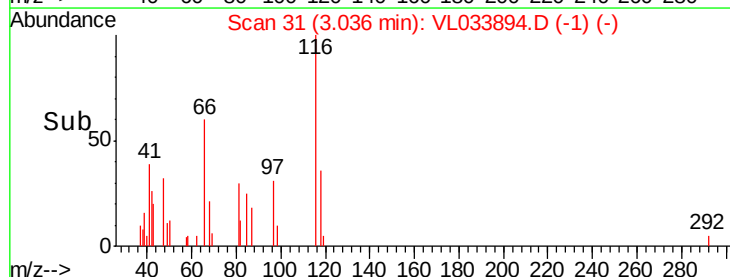
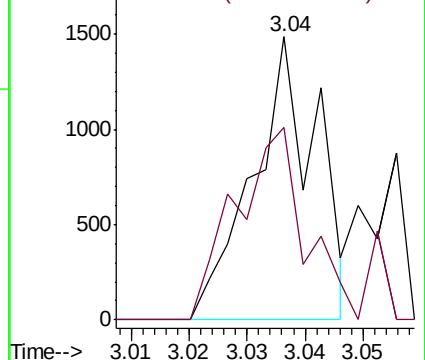
Ion Ratio Lower Upper

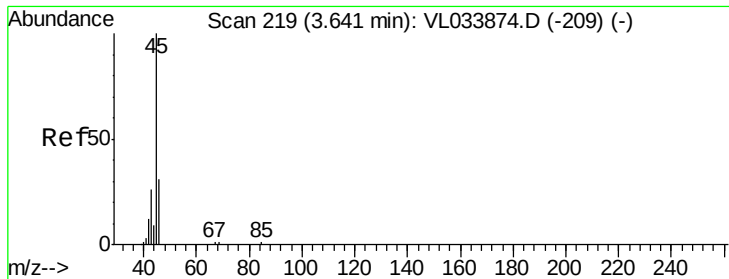
41 100

42 82.1 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0

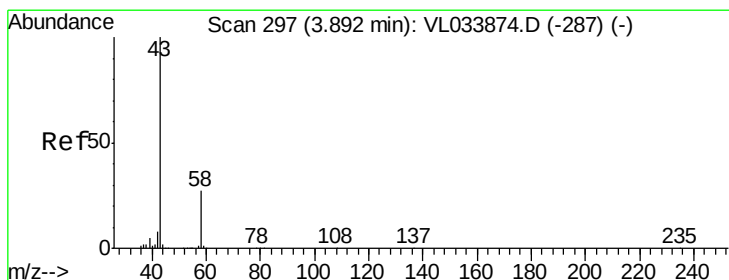
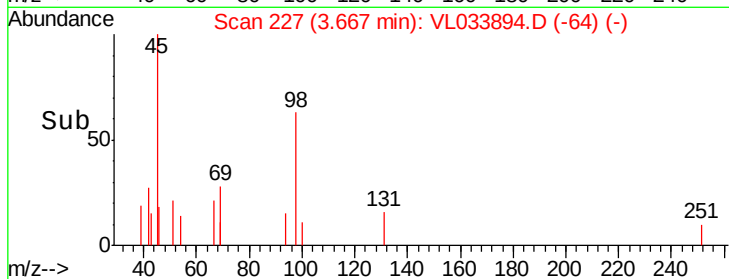
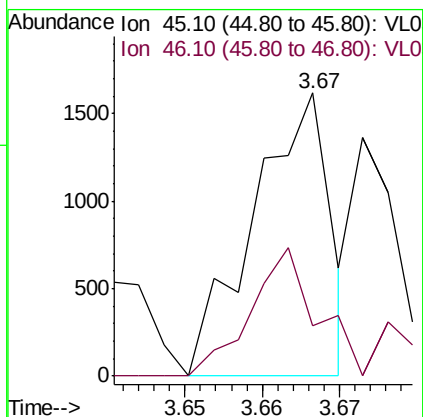
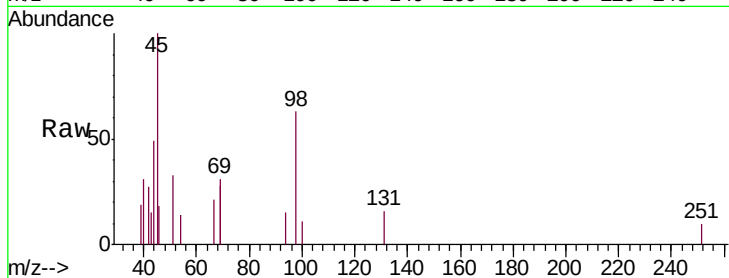




#13
Ethanol
Concen: 0.100 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.03 min
Lab File: VL033894.D
Acq: 7 Jun 2019 18:19

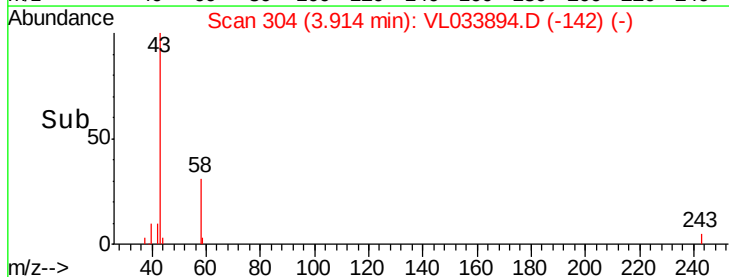
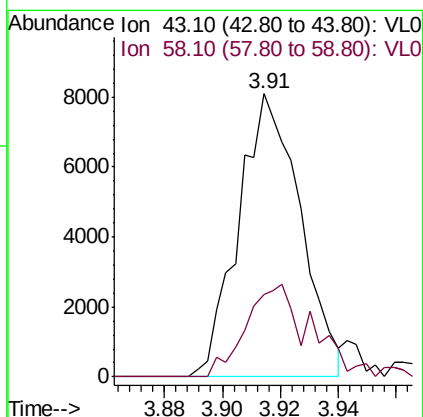
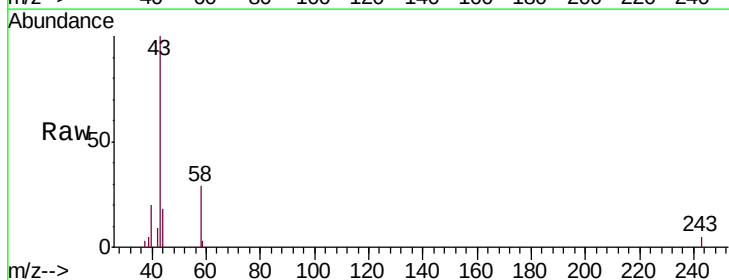
Instrument :
MSVOA_L
ClientSampleId :
CAN 10455

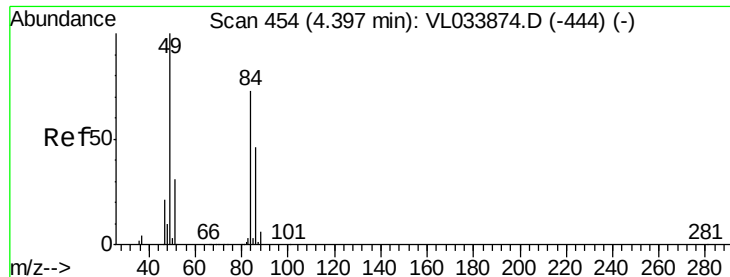
Tgt Ion: 45 Resp: 1115
Ion Ratio Lower Upper
45 100
46 55.0 15.3 61.1



#15
Acetone
Concen: 0.106 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.02 min
Lab File: VL033894.D
Acq: 7 Jun 2019 18:19

Tgt Ion: 43 Resp: 11957
Ion Ratio Lower Upper
43 100
58 35.8 21.3 31.9#





#20

Methylene Chloride

Concen: 0.283 ppbv

RT: 4.40 min Scan# 455

Delta R.T. 0.00 min

Lab File: VL033894.D

Acq: 7 Jun 2019 18:19

Instrument :

MSVOA_L

ClientSampleId :

CAN 10455

Tgt Ion: 84 Resp: 12508

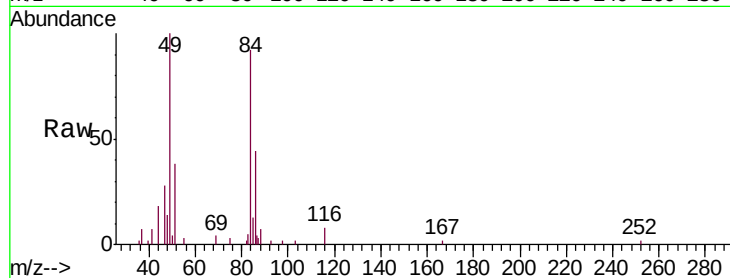
Ion Ratio Lower Upper

84 100

49 111.6 110.0 165.0

51 41.6 34.6 51.8

86 49.3 50.6 75.8#

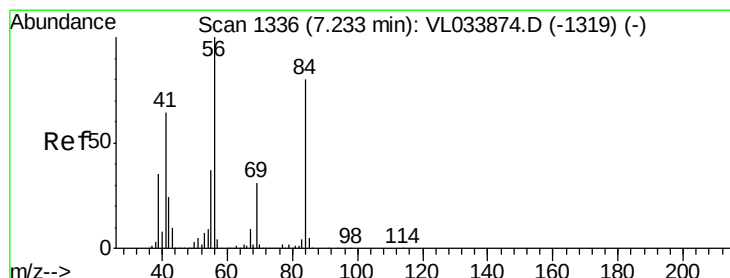
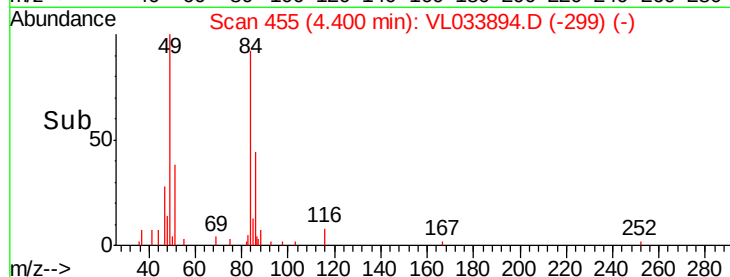
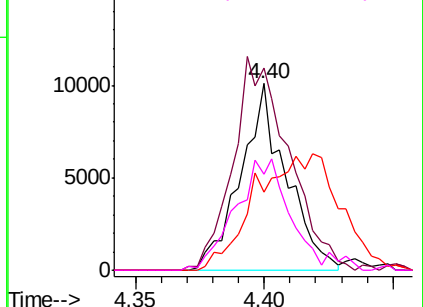


Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#30

Cyclohexane

Concen: 0.072 ppbv

RT: 7.26 min Scan# 1344

Delta R.T. 0.03 min

Lab File: VL033894.D

Acq: 7 Jun 2019 18:19

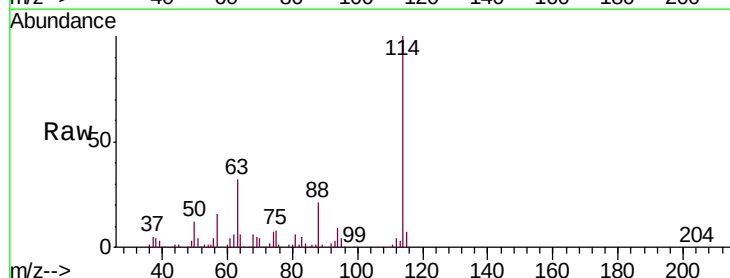
Tgt Ion: 84 Resp: 3994

Ion Ratio Lower Upper

84 100

56 0.0 105.8 158.8#

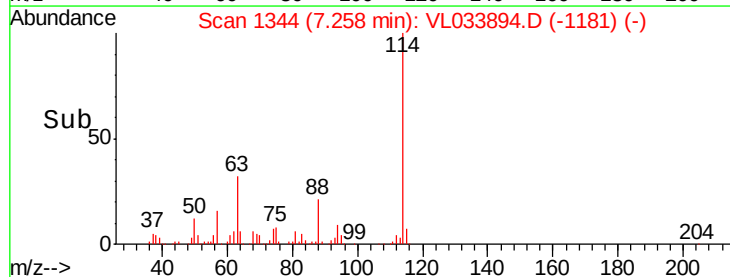
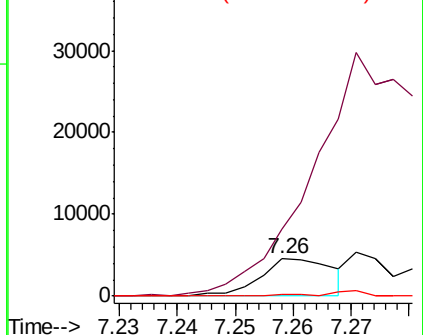
41 0.8 65.7 98.5#

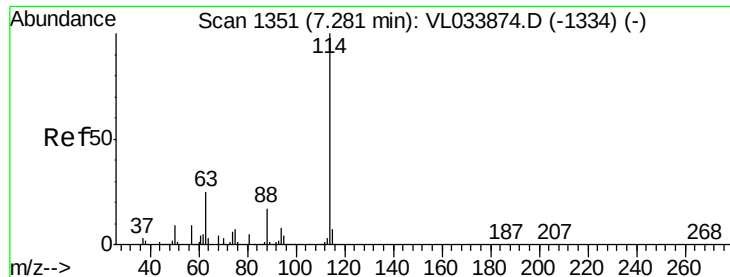


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

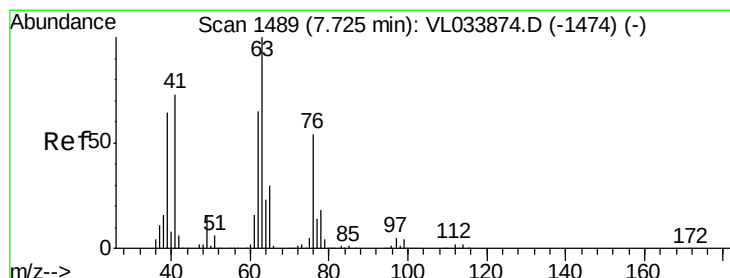
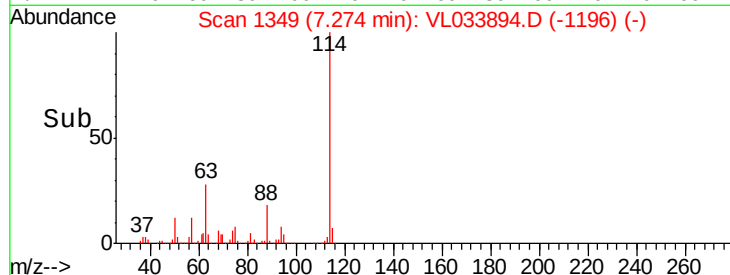
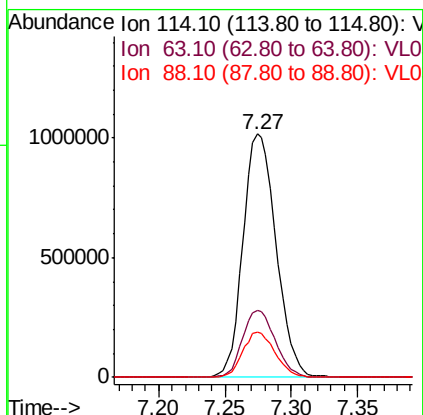
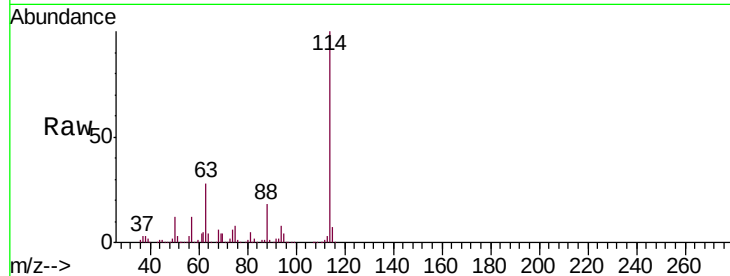




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: VL033894.D
 Acq: 7 Jun 2019 18:19

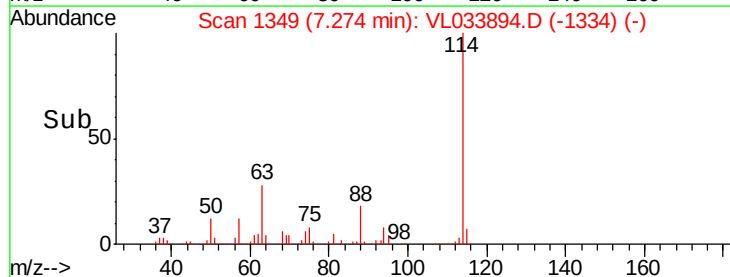
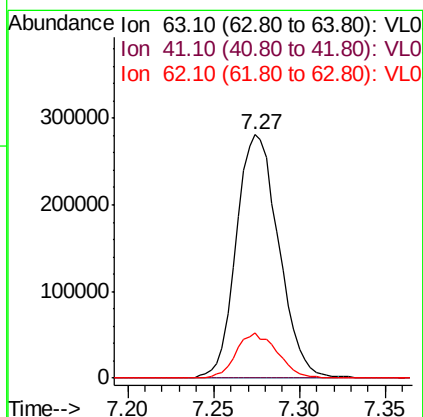
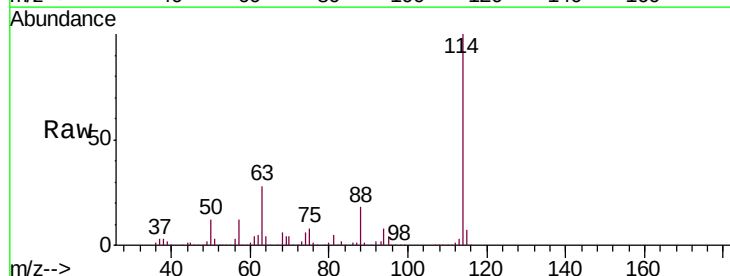
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10455

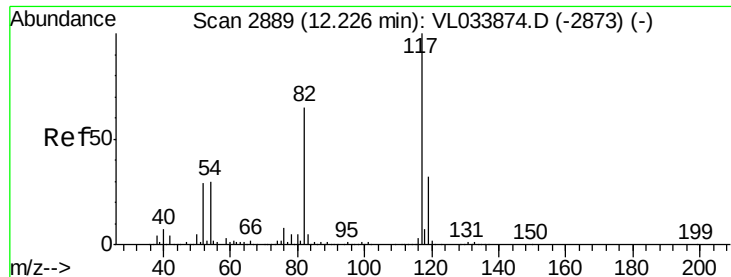
Tgt Ion: 114 Resp: 1760259
 Ion Ratio Lower Upper
 114 100
 63 27.5 21.1 31.7
 88 18.1 14.2 21.4



#39
 1,2-Dichloropropane
 Concen: 9.219 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.45 min
 Lab File: VL033894.D
 Acq: 7 Jun 2019 18:19

Tgt Ion: 63 Resp: 478452
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.7 88.1#
 62 18.6 51.9 77.9#



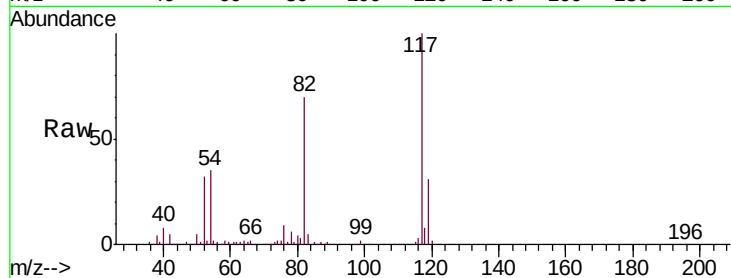


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL033894.D
Acq: 7 Jun 2019 18:19

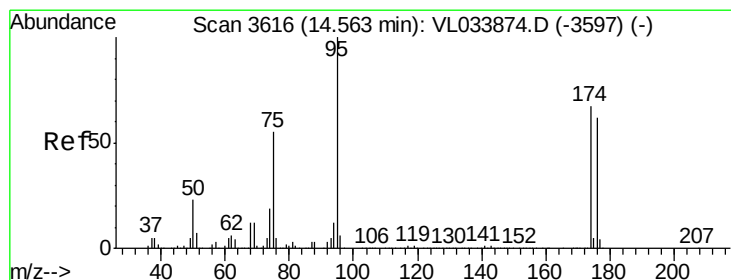
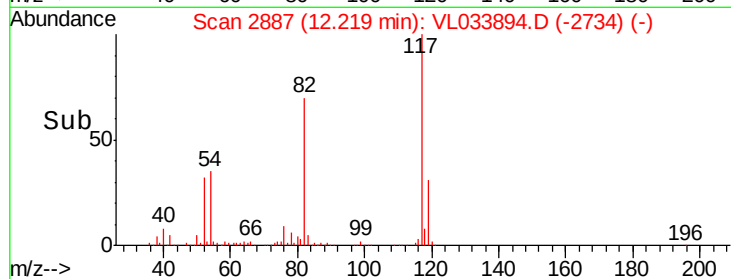
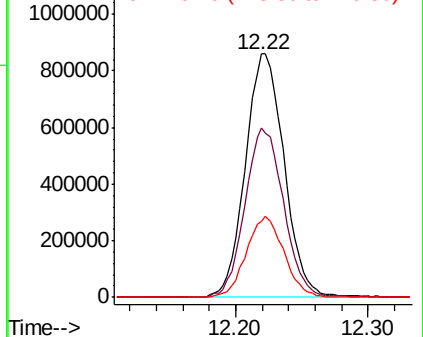
Instrument :
MSVOA_L
ClientSampleId :
CAN 10455

Tgt Ion: 117 Resp: 1750477

Ion	Ratio	Lower	Upper
117	100		
82	70.2	50.2	75.2
119	32.5	24.8	37.2



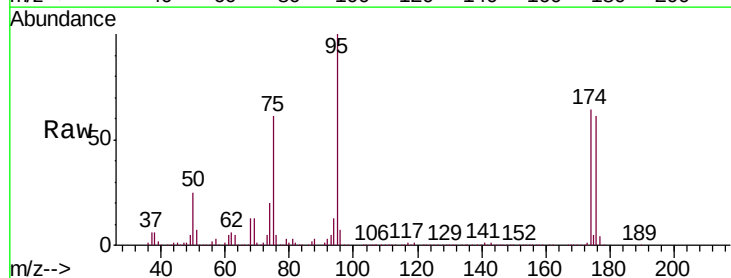
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.078 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033894.D
Acq: 7 Jun 2019 18:19

Tgt Ion: 95 Resp: 1449023

Ion	Ratio	Lower	Upper
95	100		
174	65.4	54.0	81.0
175	4.6	3.8	5.8



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

