

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033934.D
 Acq On : 24 Jun 2019 13:17
 Operator : SY/AP
 Sample : OC060619 CAN 10729
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060619 CAN 10729

Quant Time: Jun 25 03:38:01 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	5.74	49	1016528	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.26	114	2245419	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2239764	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1826399	9.93	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

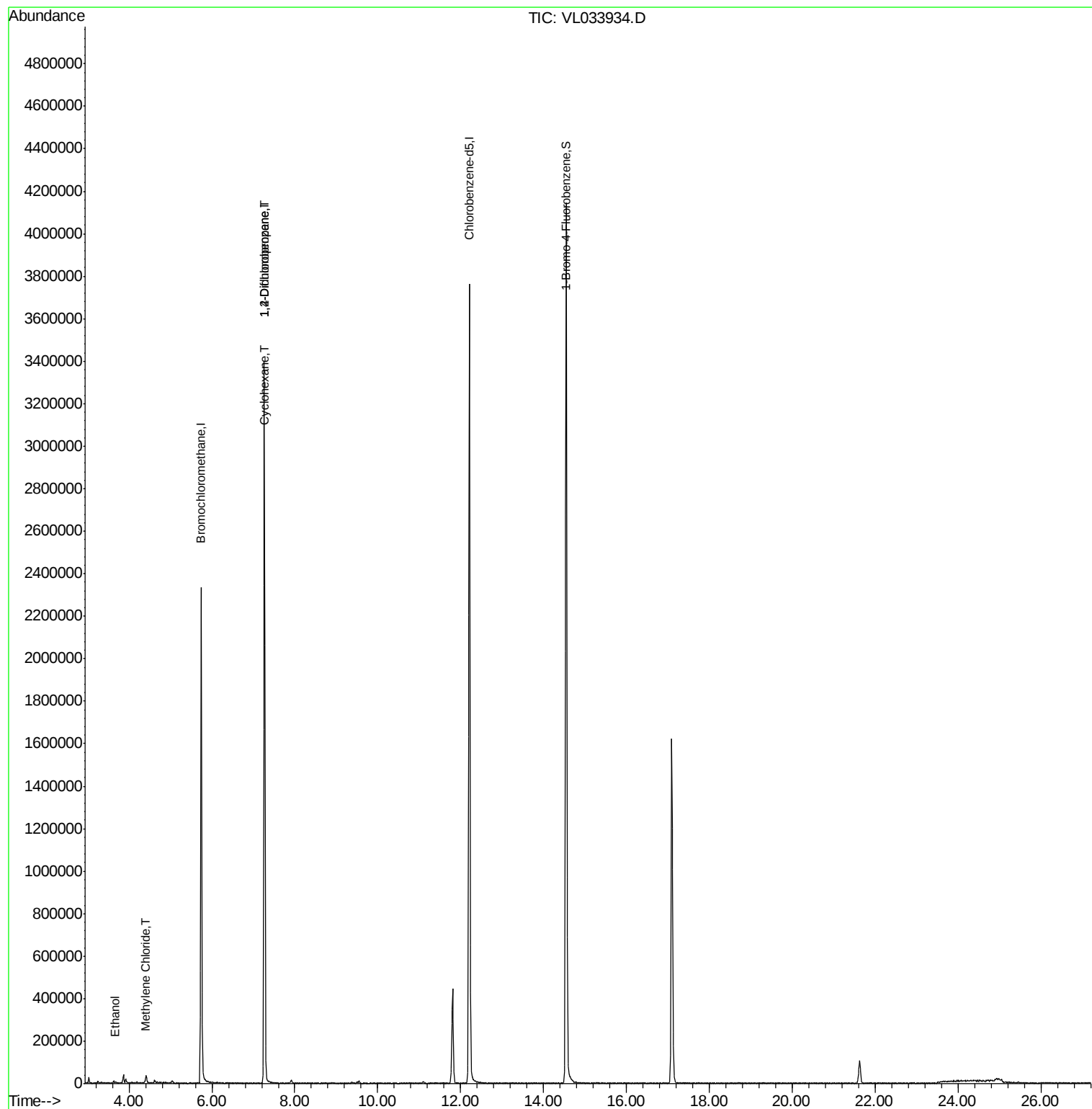
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	901	0.062	ppbv #	55
20) Methylene Chloride	4.40	84	3904	0.068	ppbv #	81
30) Cyclohexane	7.25	84	3917	0.054	ppbv #	1
39) 1,2-Dichloropropane	7.26	63	589847	8.910	ppbv #	26

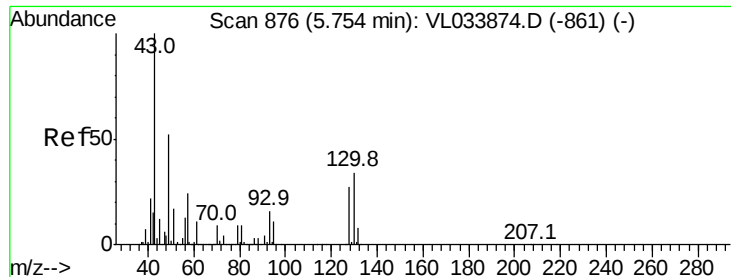
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 872

Delta R.T. -0.01 min

Lab File: VL033934.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_L

ClientSampleId :

QC060619 CAN 10729

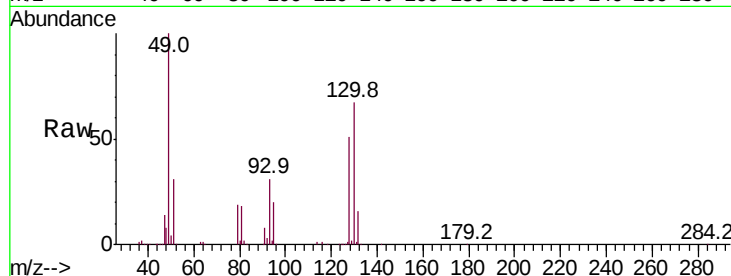
Tot Ion: 49 Resp: 1016528

Ion Ratio Lower Upper

49 100

128 51.3 25.5 76.5

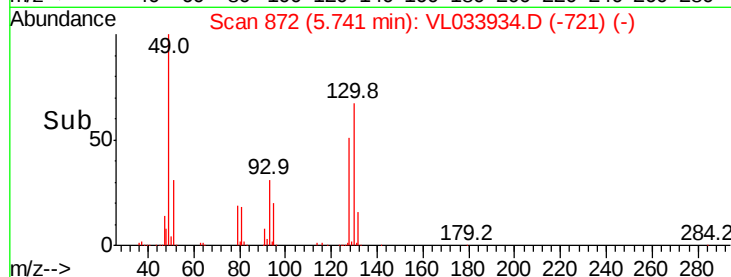
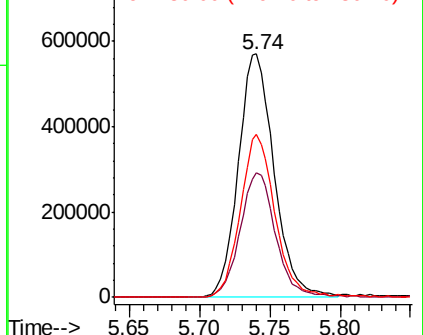
130 65.7 32.5 97.4



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



#13

Ethanol

Concen: 0.062 ppbv

RT: 3.66 min Scan# 226

Delta R.T. 0.02 min

Lab File: VL033934.D

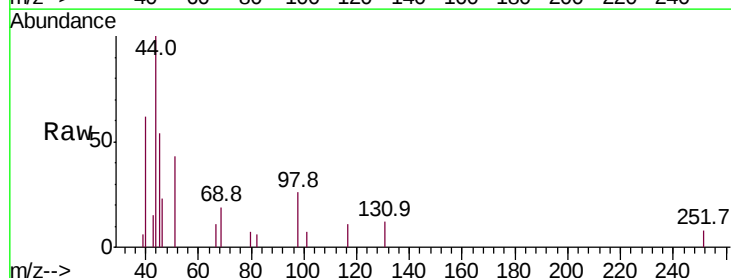
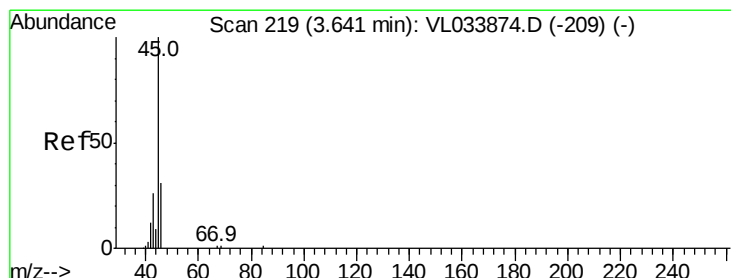
Acq: 24 Jun 2019 13:17

Tgt Ion: 45 Resp: 901

Ion Ratio Lower Upper

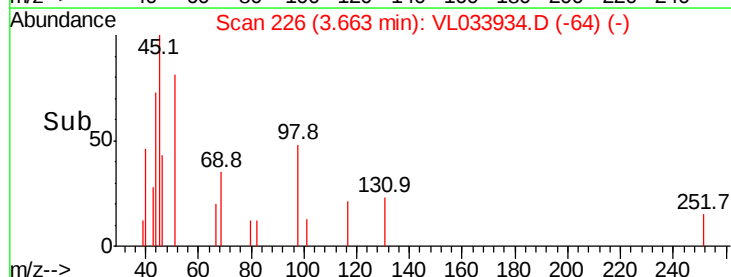
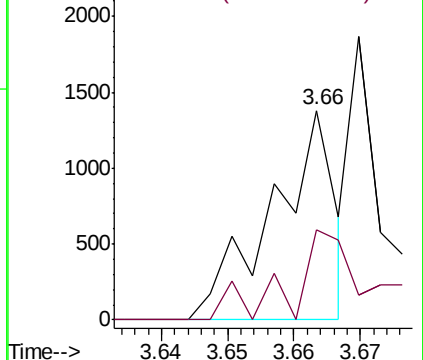
45 100

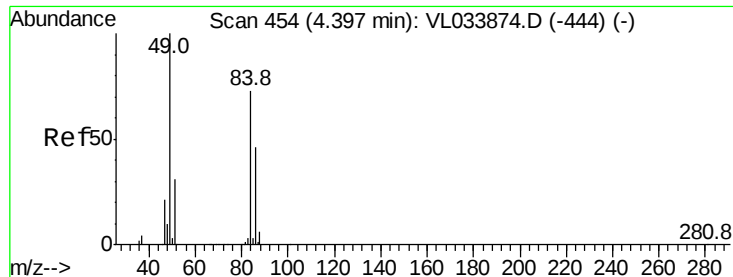
46 65.1 15.3 61.1#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

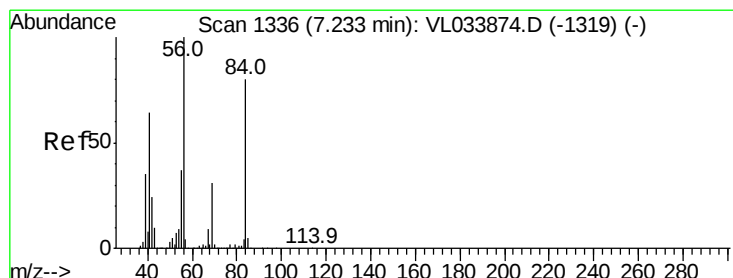
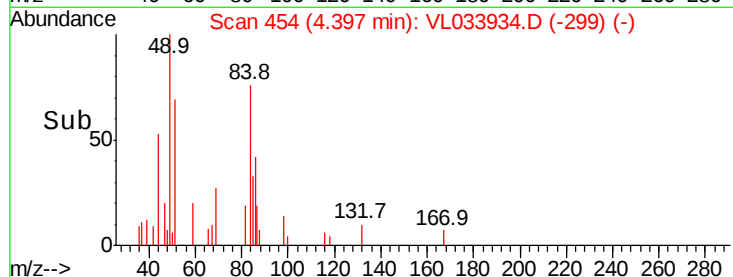
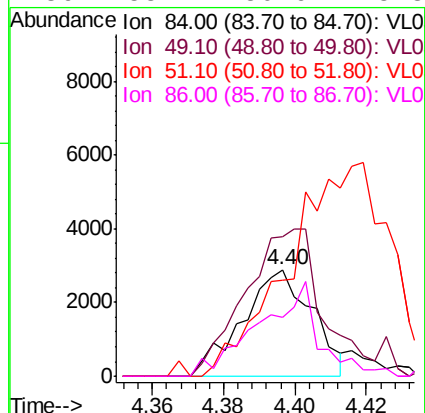
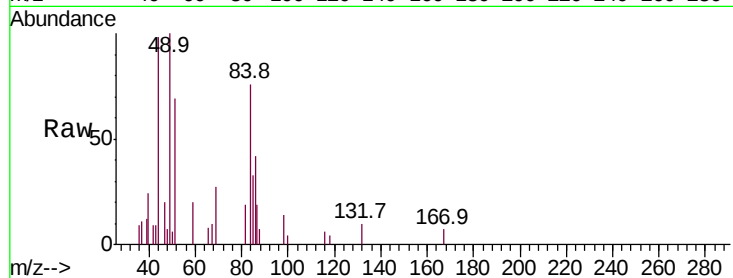




#20
Methvlene Chloride
Concen: 0.068 ppbv
RT: 4.40 min Scan# 454
Delta R.T. -0.00 min
Lab File: VL033934.D
Acq: 24 Jun 2019 13:17

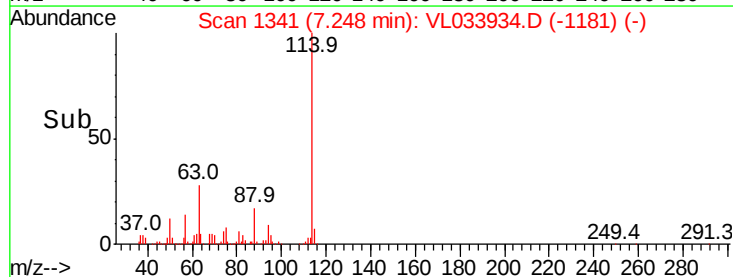
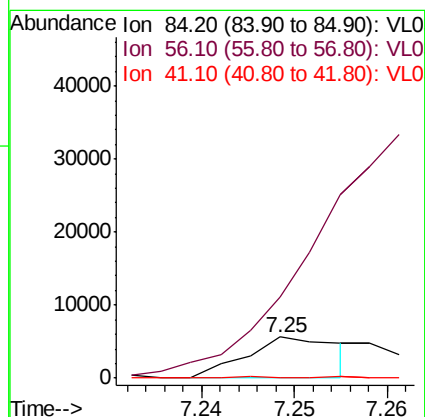
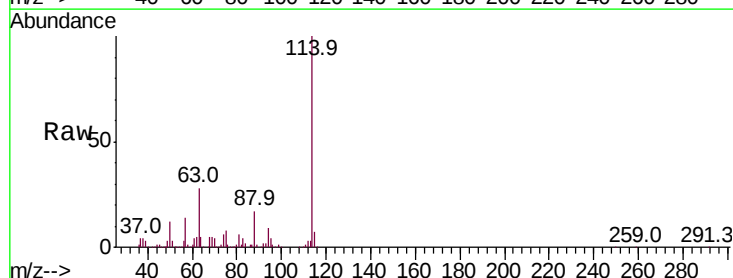
Instrument :
MSVOA_L
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QC060619 CAN 10729

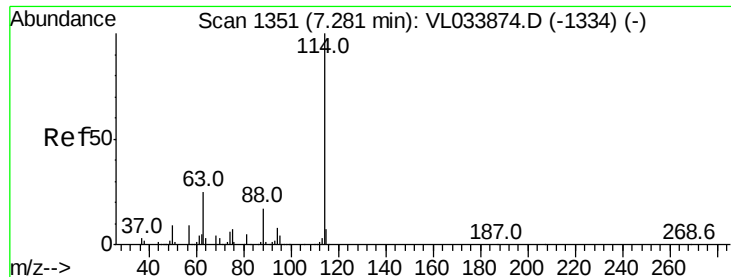
Tot Ion: 84 Resp: 3904
Ion Ratio Lower Upper
84 100
49 130.9 110.0 165.0
51 90.7 34.6 51.8#
86 55.4 50.6 75.8



#30
Cyclohexane
Concen: 0.054 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.02 min
Lab File: VL033934.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 84 Resp: 3917
Ion Ratio Lower Upper
84 100
56 0.0 105.8 158.8#
41 0.0 65.7 98.5#



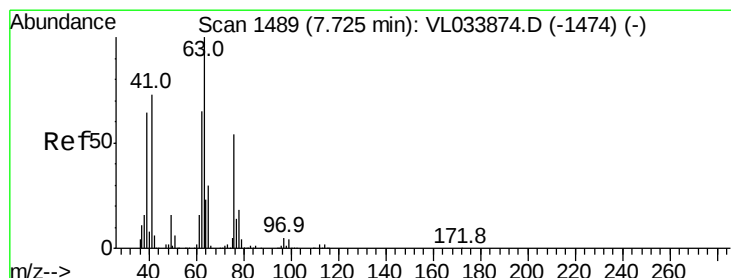
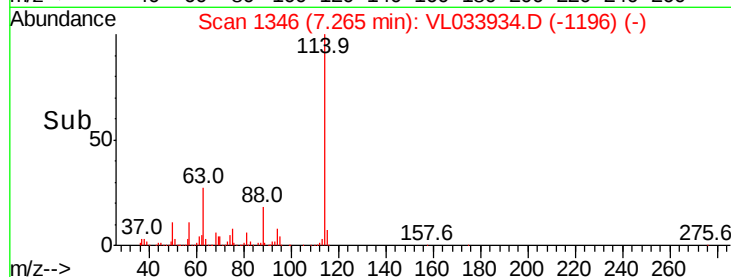
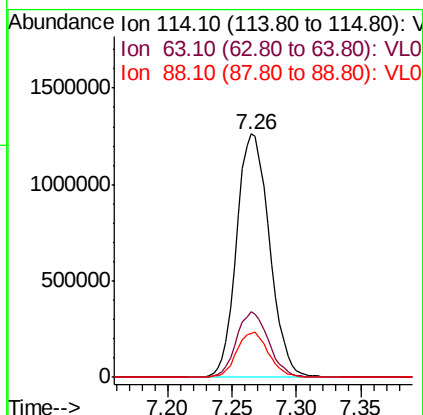
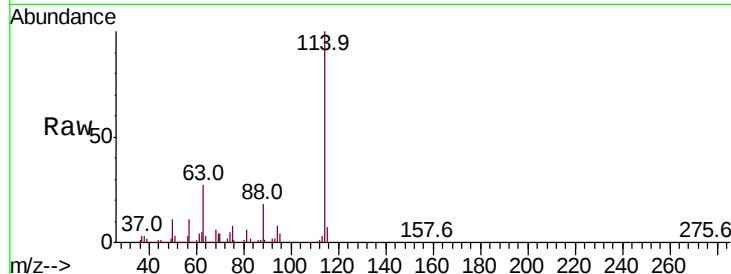


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: VL033934.D
 Acq: 24 Jun 2019 13:17

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060619 CAN 10729

Tot Ion:114 Resp: 2245419

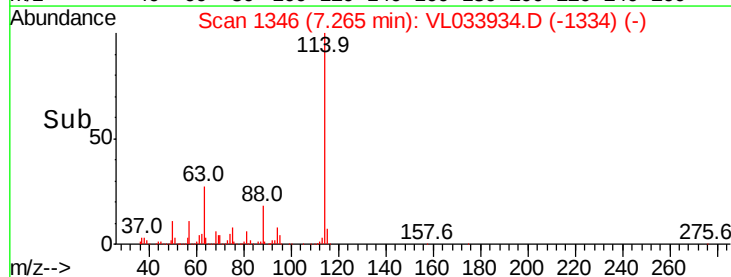
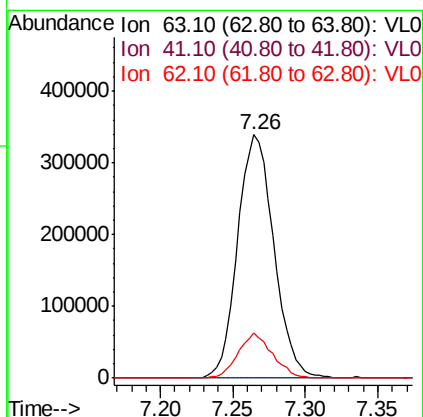
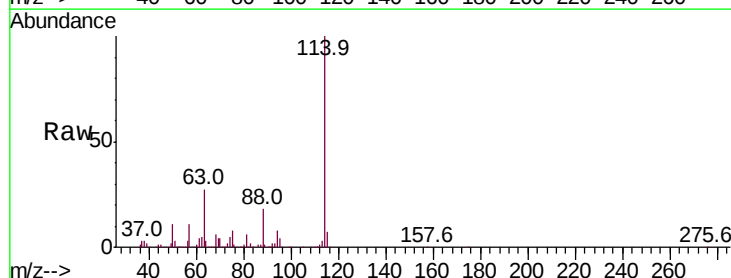
Ion	Ratio	Lower	Upper
114	100		
63	26.4	21.1	31.7
88	18.0	14.2	21.4

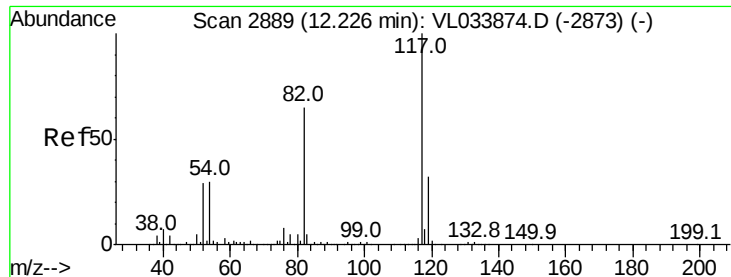


#39
 1,2-Dichloropropane
 Concen: 8.910 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.46 min
 Lab File: VL033934.D
 Acq: 24 Jun 2019 13:17

Tgt Ion: 63 Resp: 589847

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	18.7	51.9	77.9#

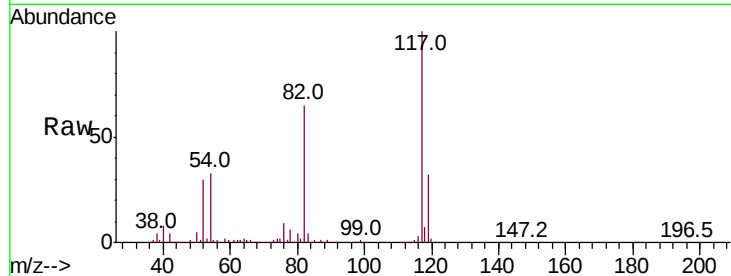




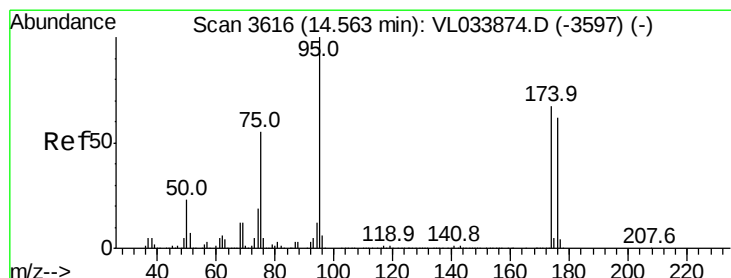
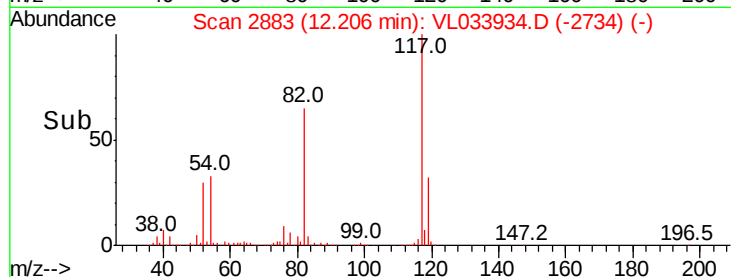
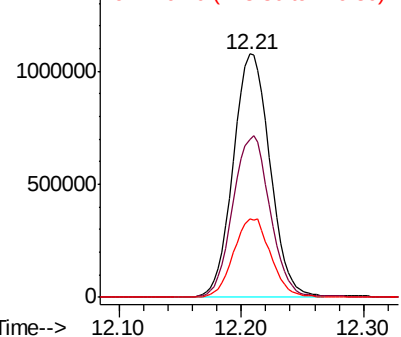
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL033934.D
Acq: 24 Jun 2019 13:17

Instrument :
MSVOA_L
ClientSampleId :
QC060619 CAN 10729

Tot Ion:117 Resp: 2239764
Ion Ratio Lower Upper
117 100
82 67.6 50.2 75.2
119 32.9 24.8 37.2

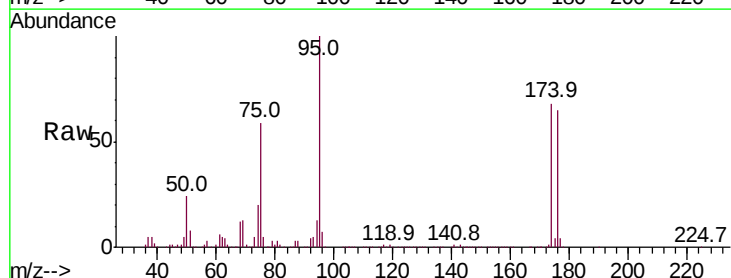


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.928 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033934.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 95 Resp: 1826399
Ion Ratio Lower Upper
95 100
174 67.0 54.0 81.0
175 4.8 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

