

Data File : VL033735.D
Acq On : 20 May 2019 22:55
Operator : SY/AP
Sample : CAN 10414
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10414

Quant Time: May 21 01:34:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	877664	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2231854	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2350662	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1903201	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

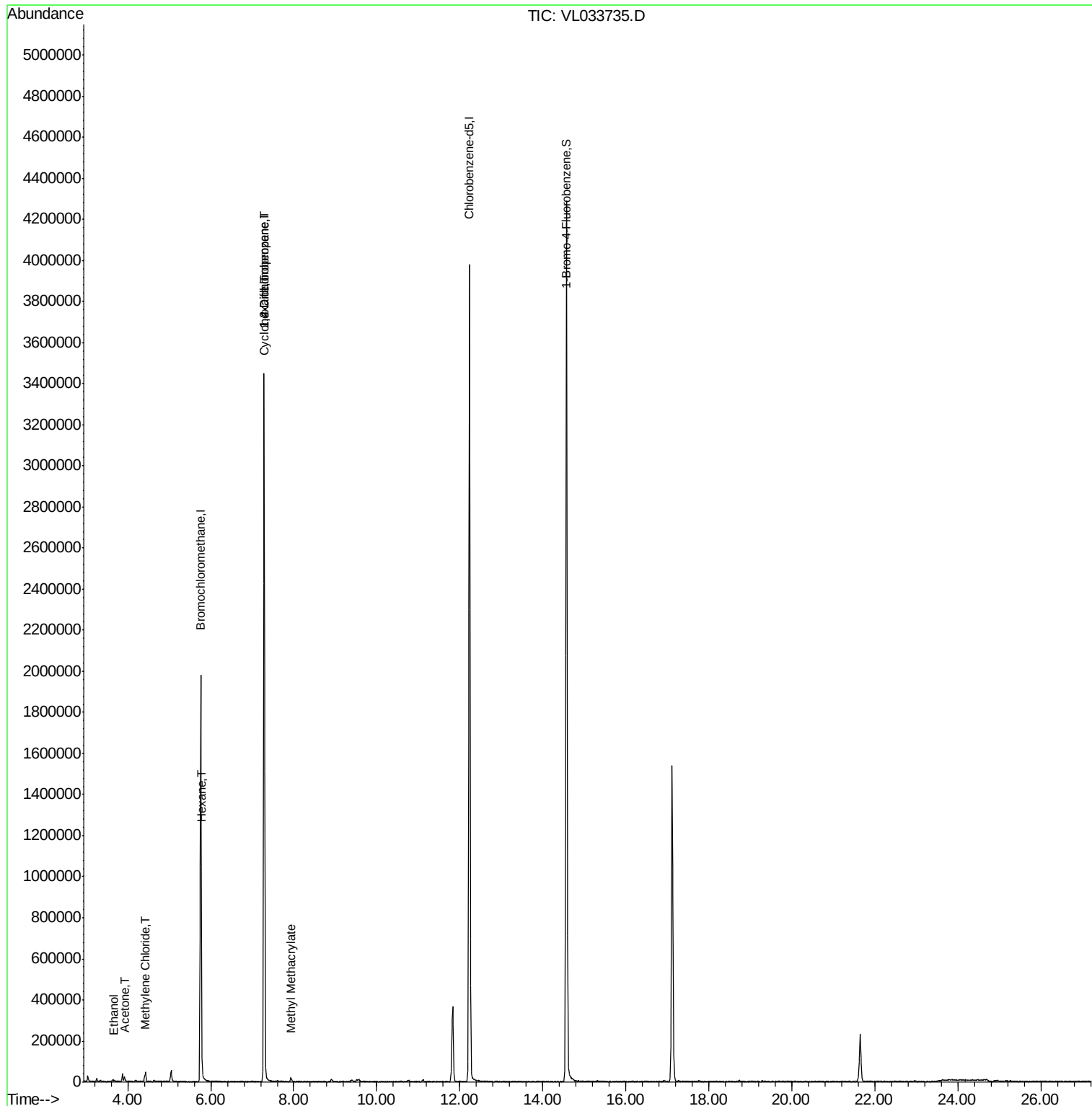
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.67	45	1541	0.111	ppbv #	33
15) Acetone	3.91	43	9973	0.082	ppbv #	48
20) Methylene Chloride	4.41	84	8372	0.179	ppbv #	78
26) Hexane	5.78	57	1777	0.019	ppbv #	34
30) Cyclohexane	7.27	84	5077	0.066	ppbv #	1
39) 1,2-Dichloropropane	7.28	63	611426	8.078	ppbv #	23
43) Methyl Methacrylate	7.93	69	1143	0.015	ppbv #	1

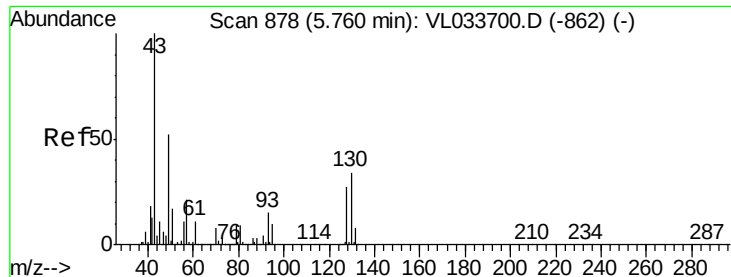
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

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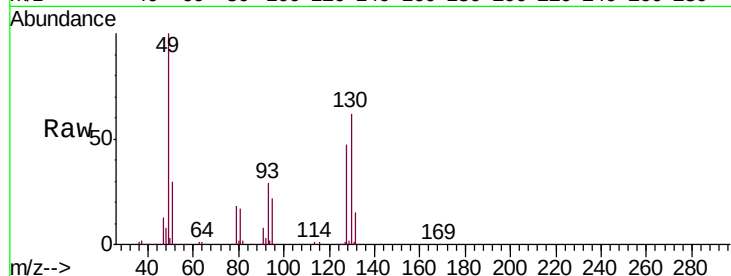
Tgt Ion: 49 Resp: 877664

Ion Ratio Lower Upper

49 100

128 49.6 25.2 75.6

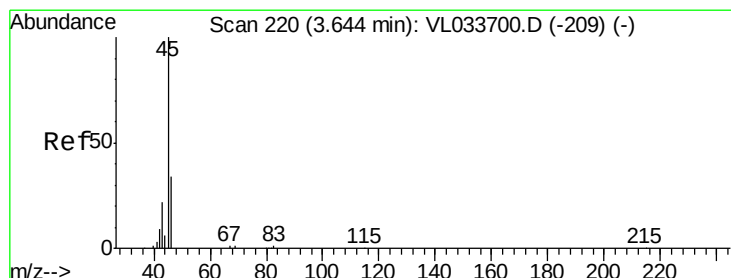
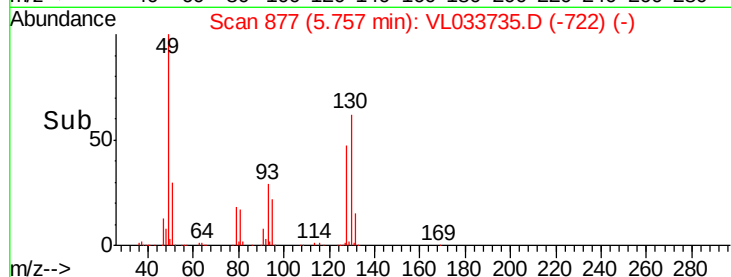
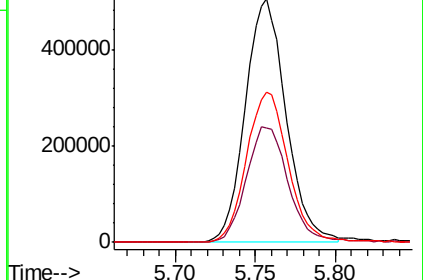
130 64.0 32.5 97.5



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: 0.111 ppbv

RT: 3.67 min Scan# 227

Delta R.T. 0.02 min

Lab File: VL033735.D

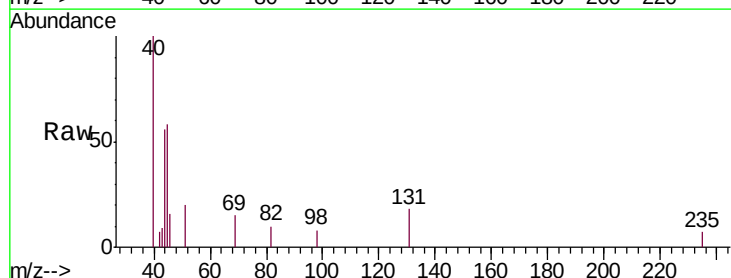
Acq: 20 May 2019 22:55

Tgt Ion: 45 Resp: 1541

Ion Ratio Lower Upper

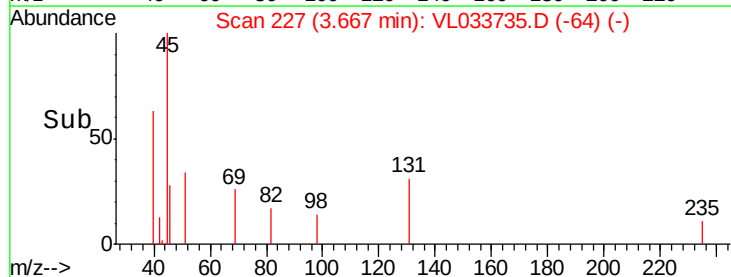
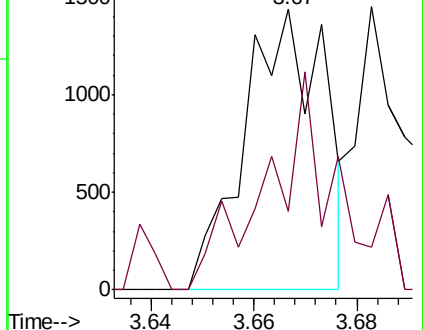
45 100

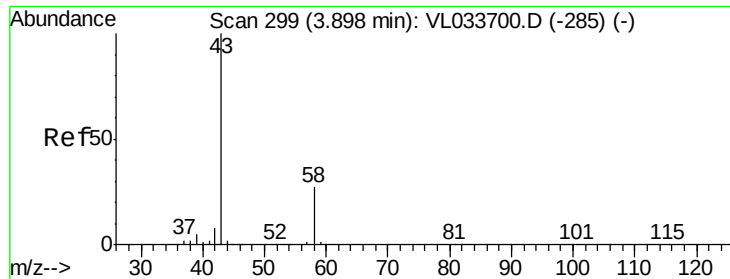
46 76.8 14.8 59.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.082 ppbv

RT: 3.91 min Scan# 304

Delta R.T. 0.02 min

Lab File: VL033735.D

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Instrument :

MSVOA_L

ClientSampleId :

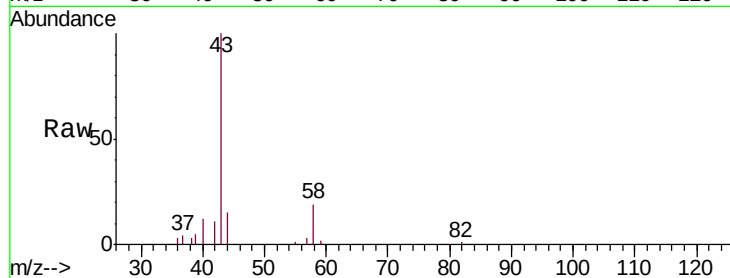
CAN 10414

Tgt Ion: 43 Resp: 9973

Ion Ratio Lower Upper

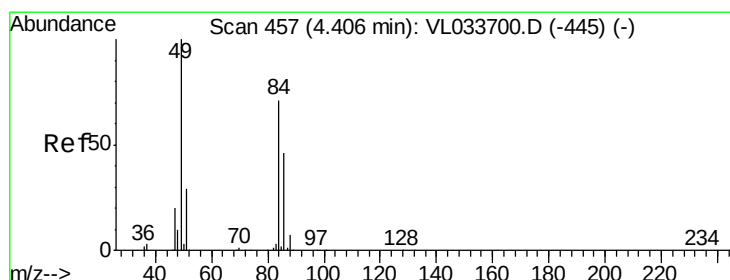
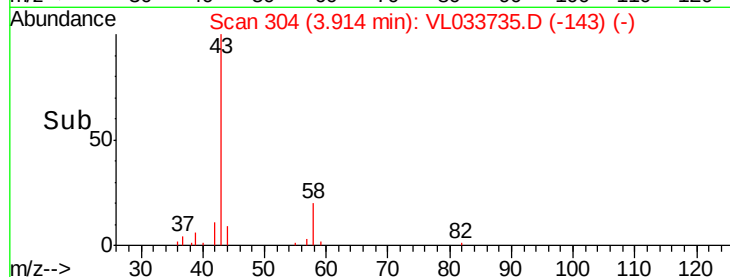
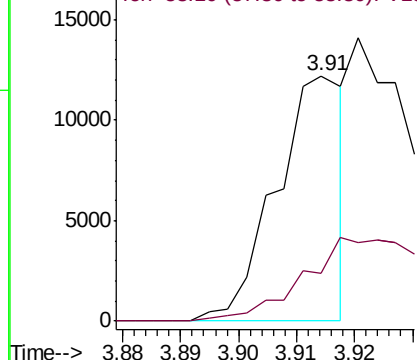
43 100

58 0.0 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.179 ppbv

RT: 4.41 min Scan# 459

Delta R.T. 0.01 min

Lab File: VL033735.D

Acq: 20 May 2019 22:55

Tgt Ion: 84 Resp: 8372

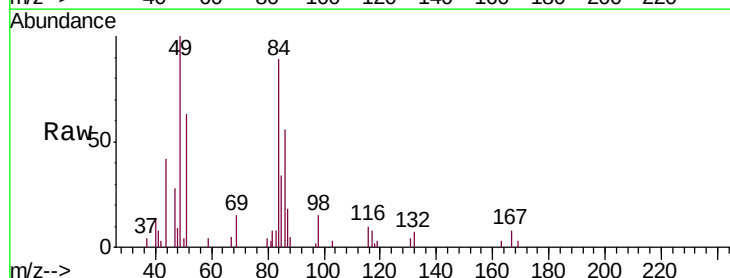
Ion Ratio Lower Upper

84 100

49 112.8 112.8 169.2#

51 71.2 33.4 50.0#

86 63.1 51.7 77.5

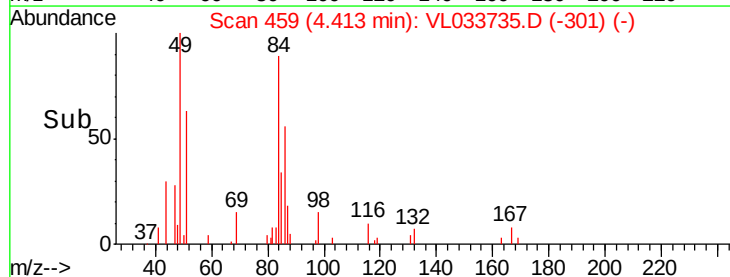
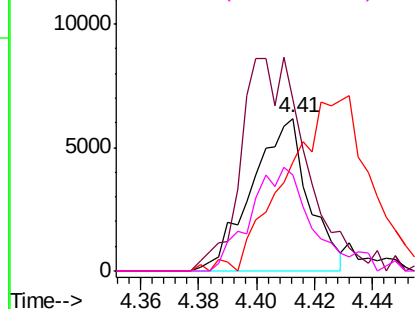


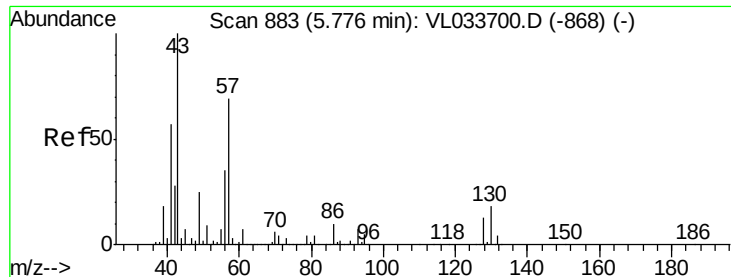
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

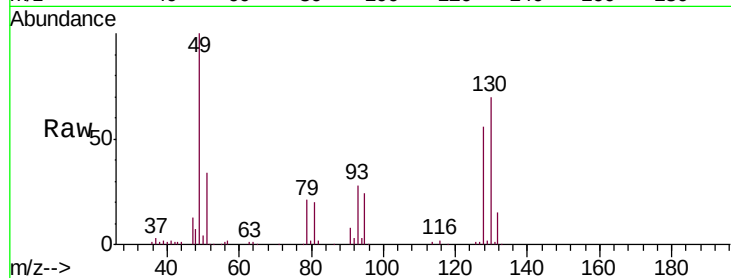




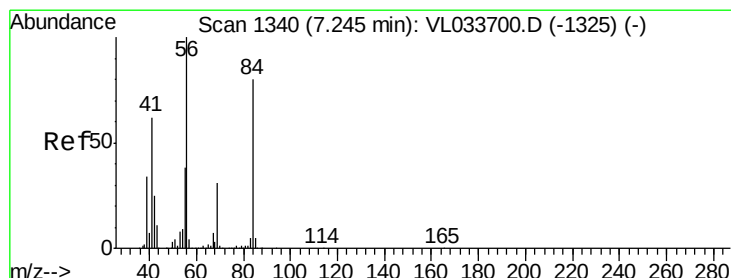
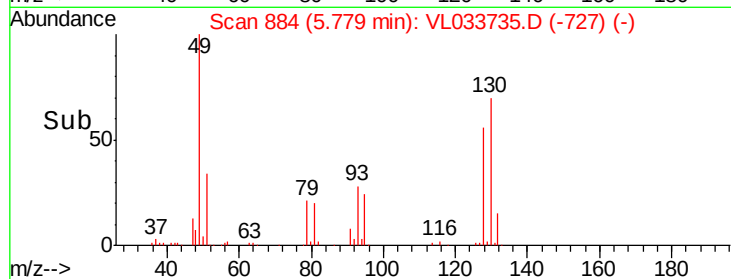
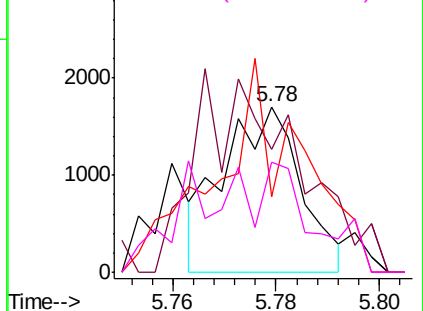
#26
Hexane
Concen: 0.019 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL033735.D
Acq: 20 May 2019 22:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10414

Tgt Ion: 57 Resp: 1777
Ion Ratio Lower Upper
57 100
41 0.0 69.8 104.6#
43 140.5 181.8 272.6#
56 0.0 42.1 63.1#

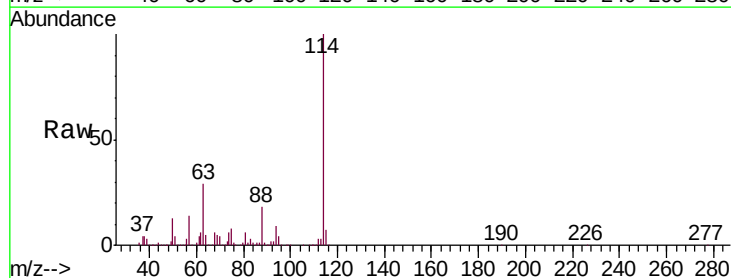


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

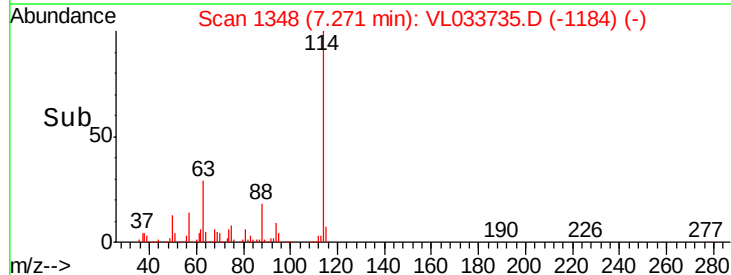
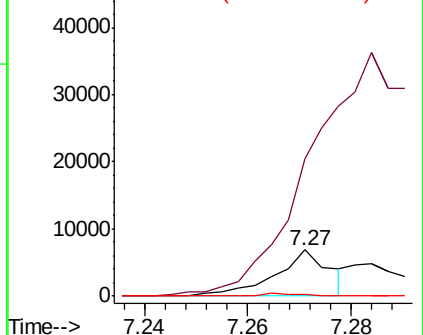


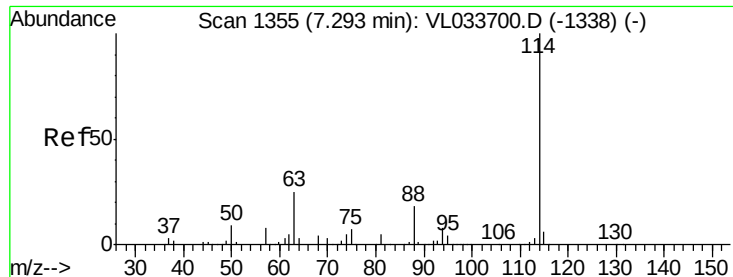
#30
Cyclohexane
Concen: 0.066 ppbv
RT: 7.27 min Scan# 1348
Delta R.T. 0.03 min
Lab File: VL033735.D
Acq: 20 May 2019 22:55

Tgt Ion: 84 Resp: 5077
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 3.1 66.0 99.0#



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

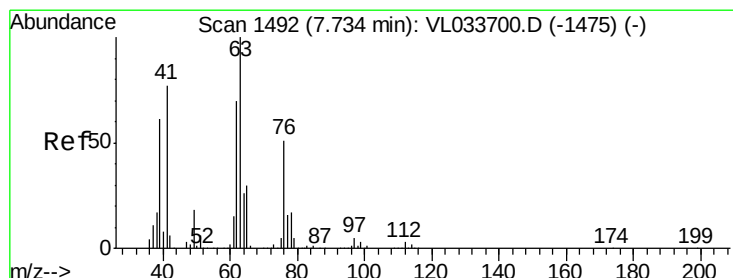
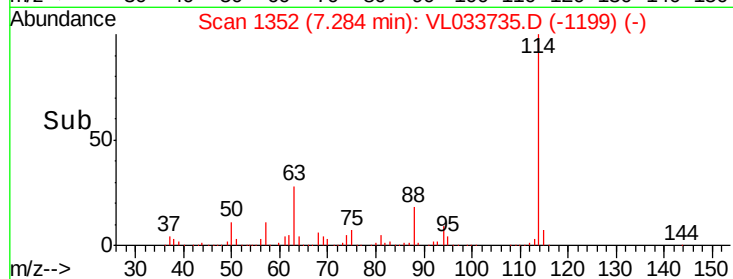
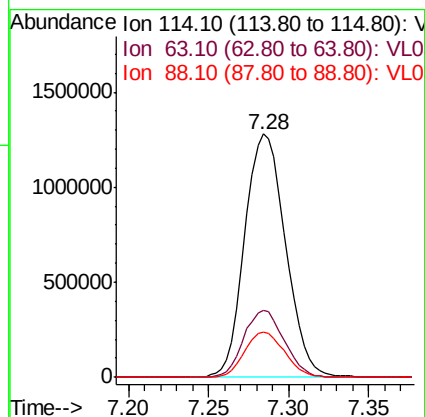
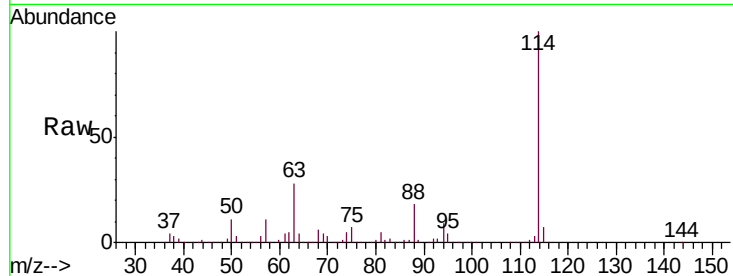




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033735.D
 Acq: 20 May 2019 22:55

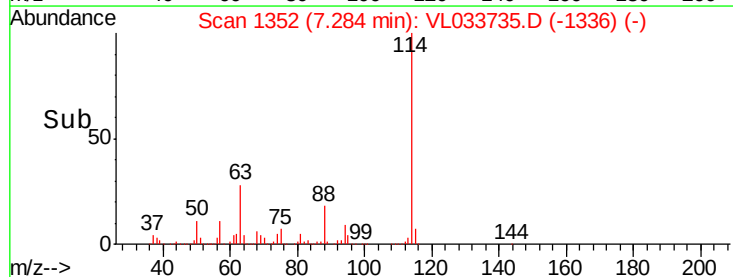
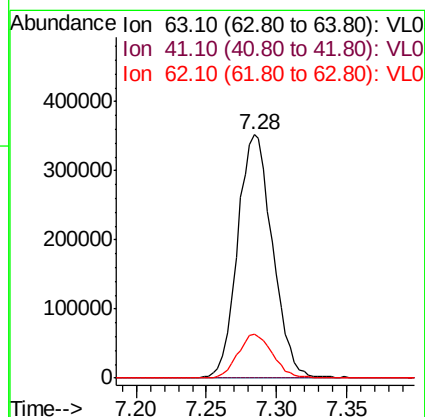
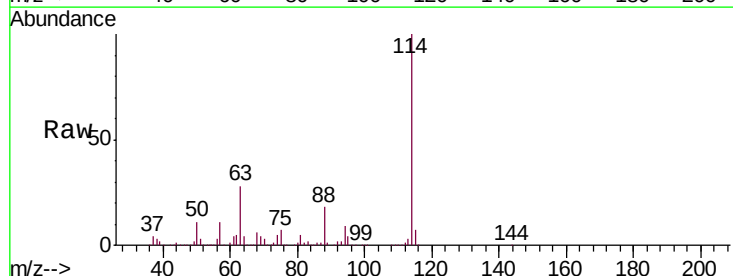
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10414

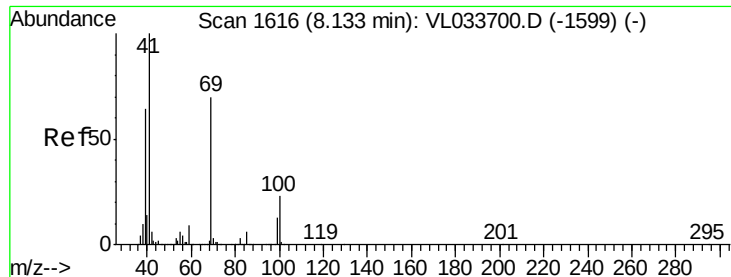
Tgt Ion: 114 Resp: 2231854
 Ion Ratio Lower Upper
 114 100
 63 27.5 20.9 31.3
 88 18.2 14.3 21.5



#39
 1,2-Dichloropropane
 Concen: 8.078 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.45 min
 Lab File: VL033735.D
 Acq: 20 May 2019 22:55

Tgt Ion: 63 Resp: 611426
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.5 92.3#
 62 17.9 56.2 84.4#

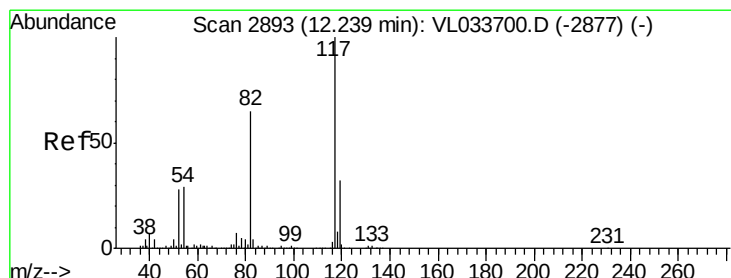
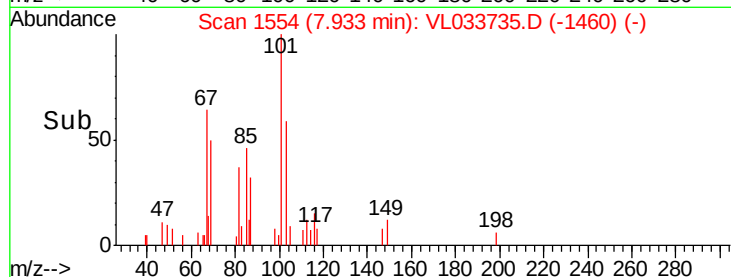
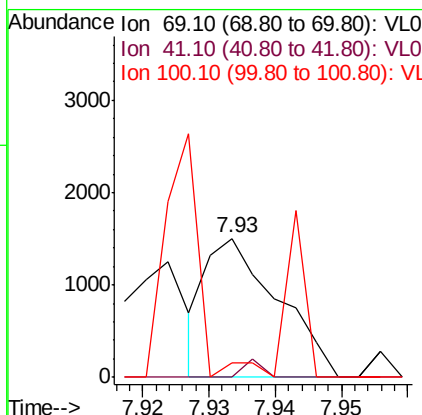
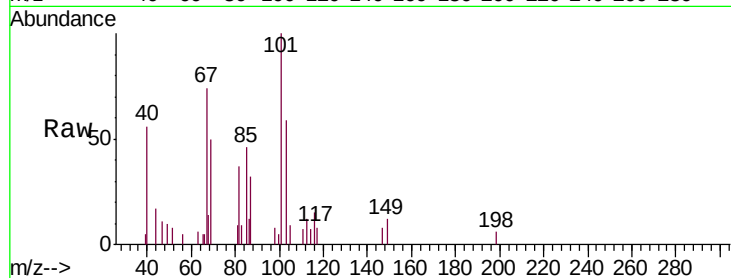




#43
Methyl Methacrylate
Concen: 0.015 ppbv
RT: 7.93 min Scan# 1554
Delta R.T. -0.20 min
Lab File: VL033735.D
Acq: 20 May 2019 22:55

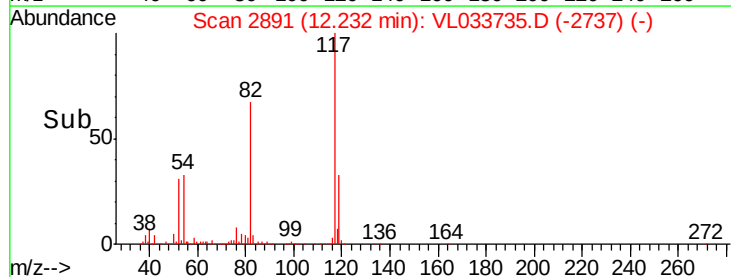
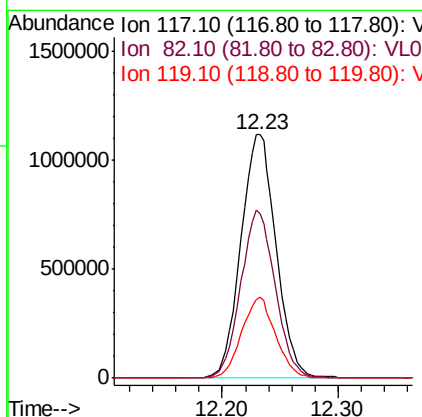
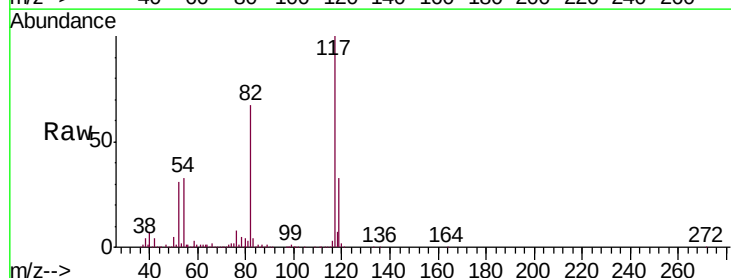
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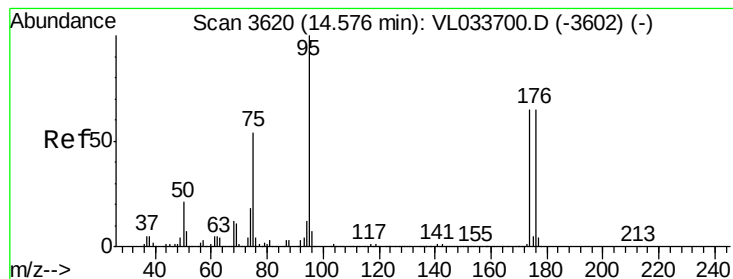
Tgt Ion: 69 Resp: 1143
Ion Ratio Lower Upper
69 100
41 0.0 116.3 174.5#
100 0.0 25.3 37.9#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033735.D
Acq: 20 May 2019 22:55

Tgt Ion: 117 Resp: 2350662
Ion Ratio Lower Upper
117 100
82 67.9 49.4 74.0
119 32.1 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.987 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL033735.D

Acq: 20 May 2019 22:55

Instrument :

MSVOA_L

ClientSampleId :

CAN 10414

Tgt Ion: 95 Resp: 1903201

Ion Ratio Lower Upper

95 100

174 65.1 53.9 80.9

175 4.6 3.8 5.8

