

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036016.D
 Acq On : 25 Nov 2020 5:32
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 25 07:19:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1299010	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4752337	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4297423	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3283702	10.75	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.50%

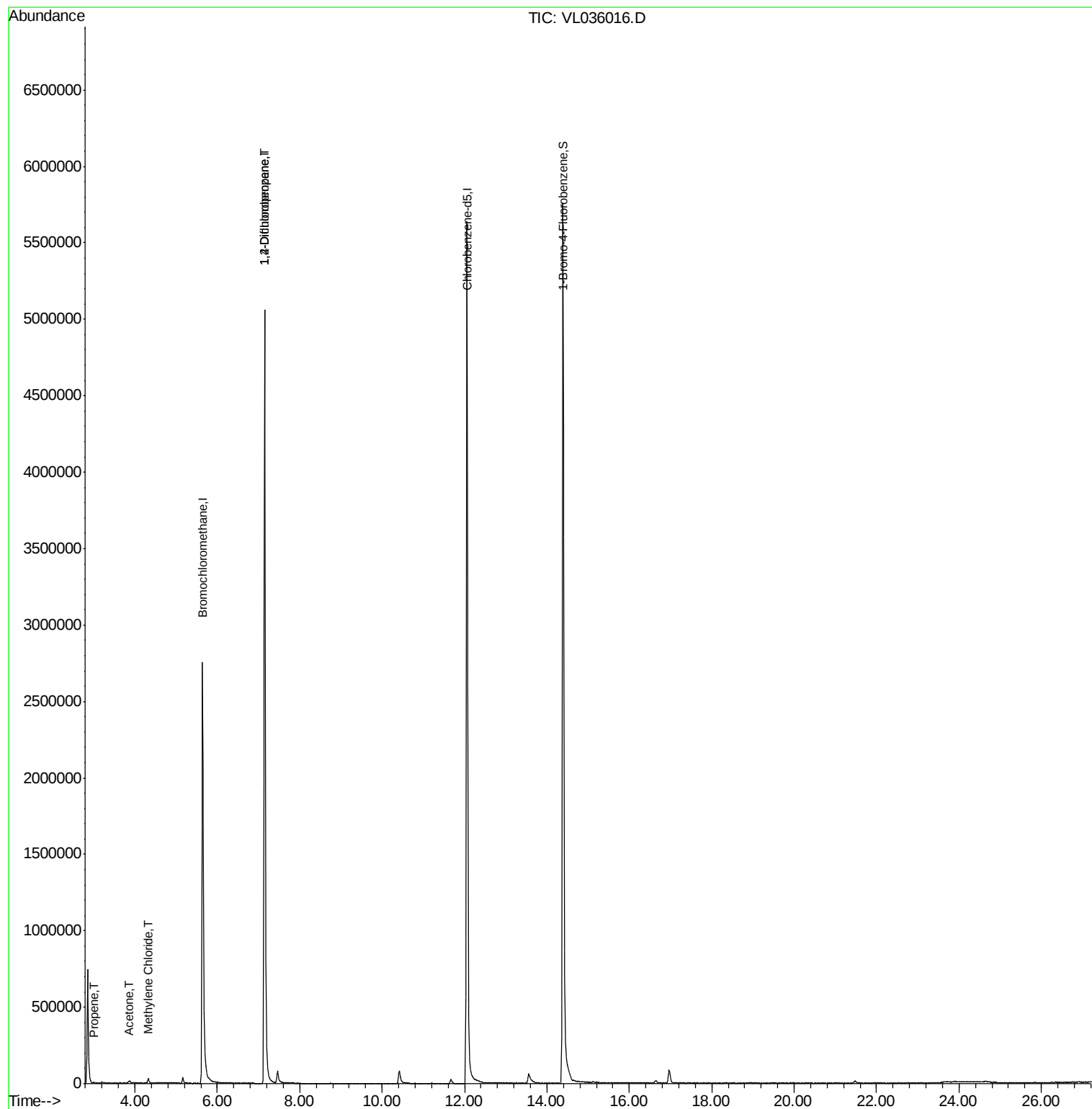
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	3163	0.056	ppbv	99
15) Acetone	3.85	43	9203	0.066	ppbv #	40
20) Methylene Chloride	4.32	84	16441	0.168	ppbv #	88
39) 1,2-Dichloropropane	7.15	63	952657	8.009	ppbv #	31

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

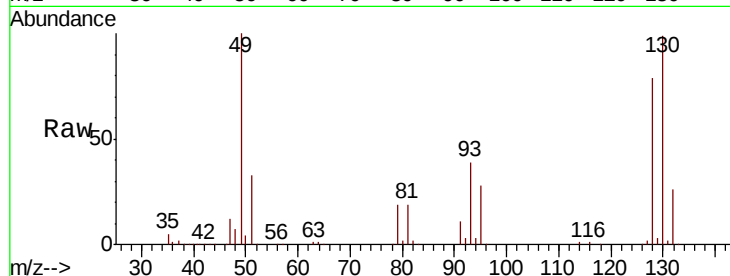
Lab File: VL036016.D

Acq: 25 Nov 2020 5:32

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1299010

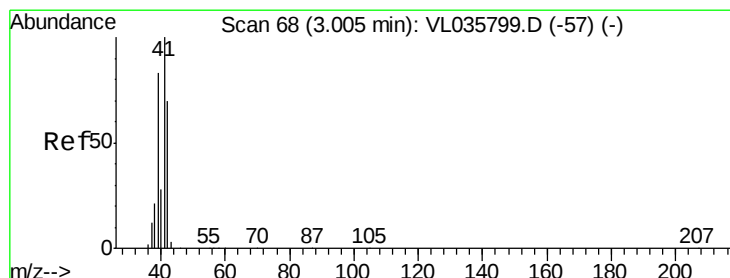
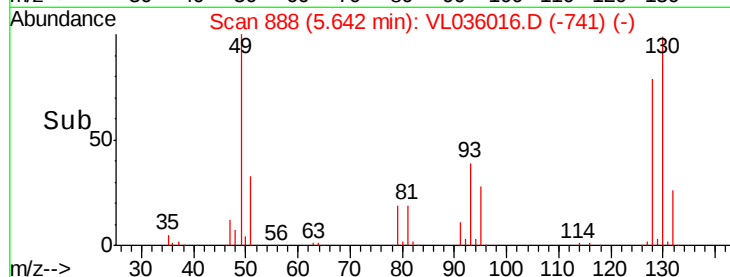
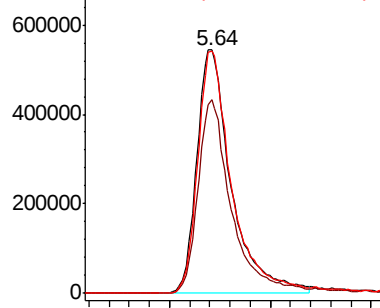
Ion	Ratio	Lower	Upper
49	100		
128	79.9	41.5	124.6
130	102.1	53.7	161.1



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: 0.056 ppbv

RT: 3.00 min Scan# 67

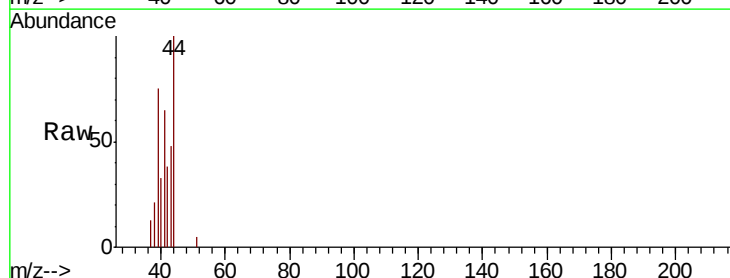
Delta R.T. -0.00 min

Lab File: VL036016.D

Acq: 25 Nov 2020 5:32

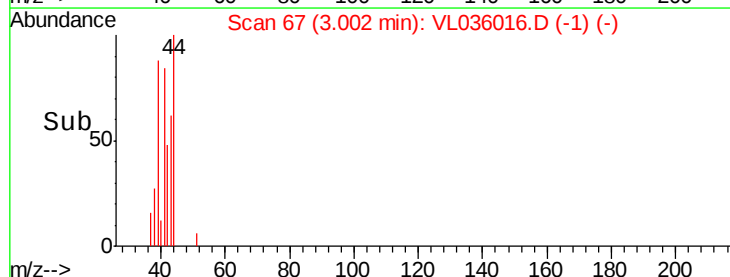
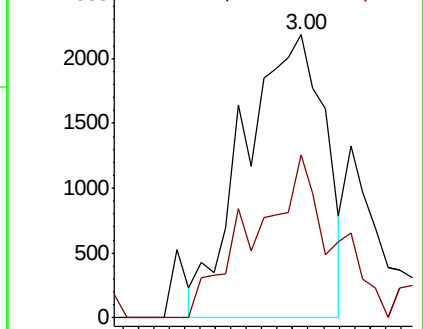
Tgt Ion: 41 Resp: 3163

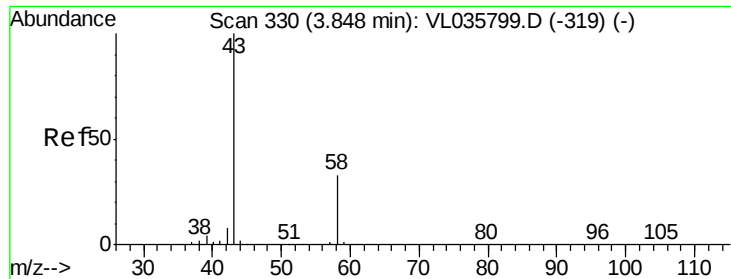
Ion	Ratio	Lower	Upper
41	100		
42	69.8	56.2	84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.066 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL036016.D

Acq: 25 Nov 2020 5:32

Instrument :

MSVOA_L

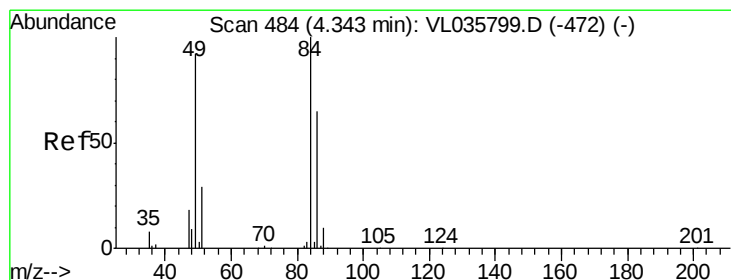
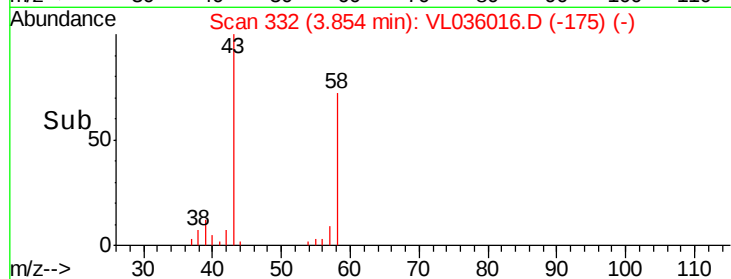
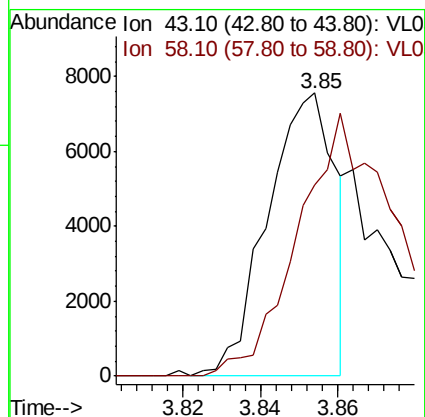
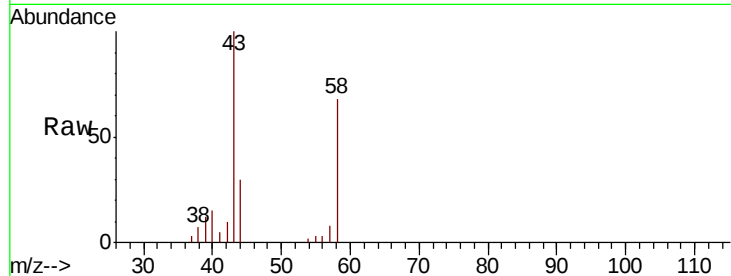
ClientSampleId :

Tot Ion: 43 Resp: 9203

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#



#20

Methylene Chloride

Concen: 0.168 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.03 min

Lab File: VL036016.D

Acq: 25 Nov 2020 5:32

Tgt Ion: 84 Resp: 16441

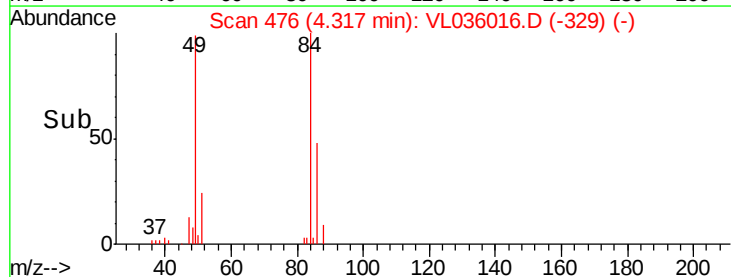
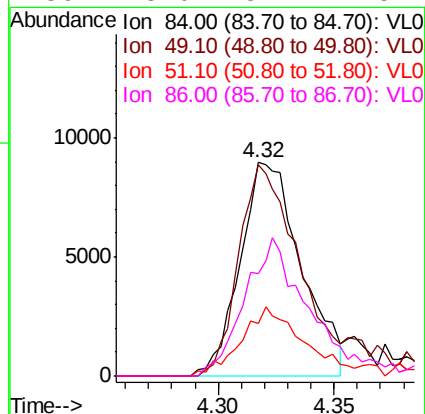
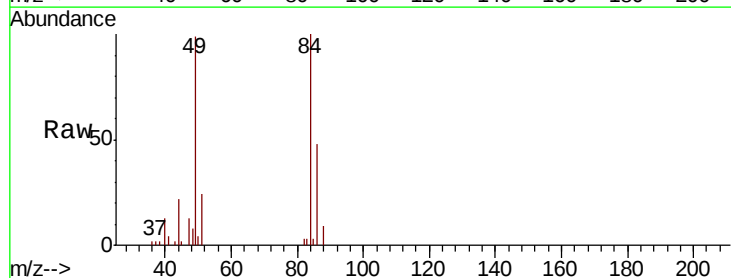
Ion Ratio Lower Upper

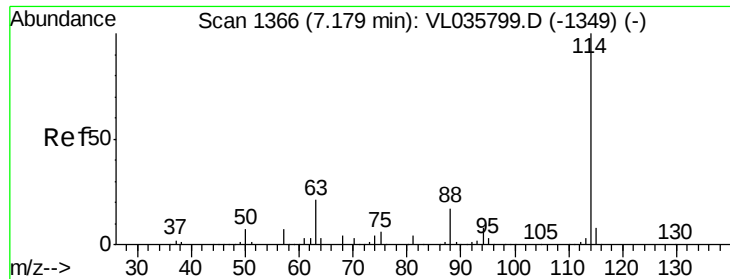
84 100

49 99.1 73.8 110.8

51 24.4 23.0 34.4

86 48.0 52.1 78.1#



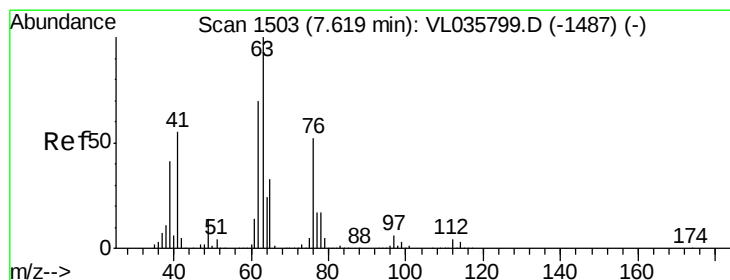
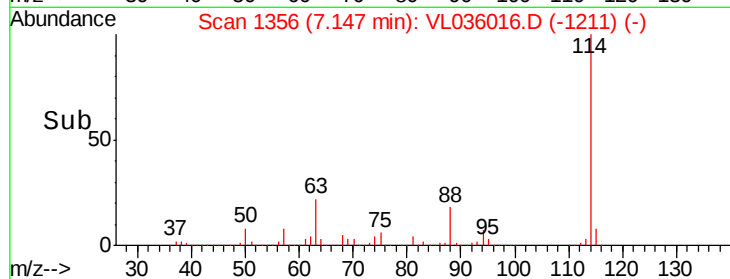
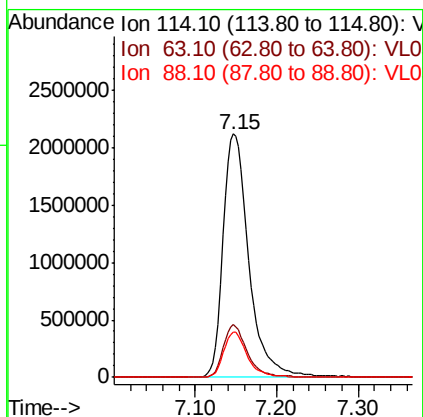
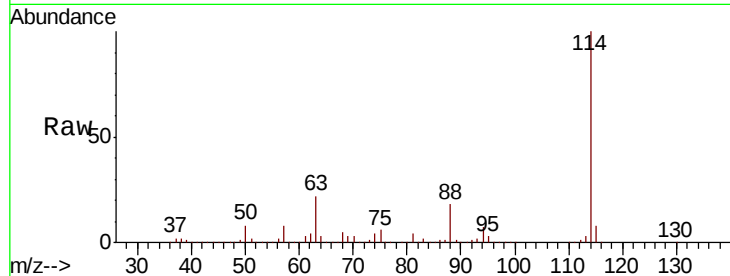


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL036016.D
 Acq: 25 Nov 2020 5:32

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:114 Resp: 4752337

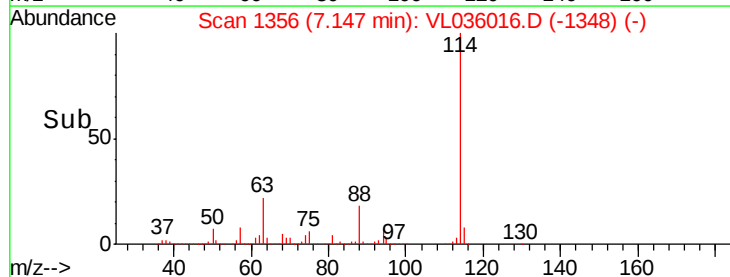
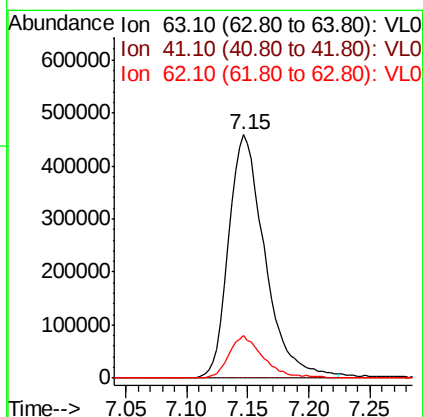
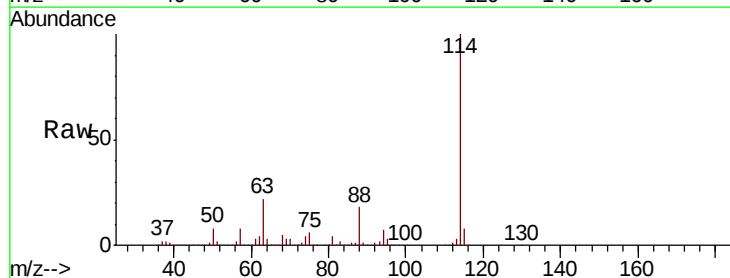
Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.1	24.1
88	17.3	13.7	20.5

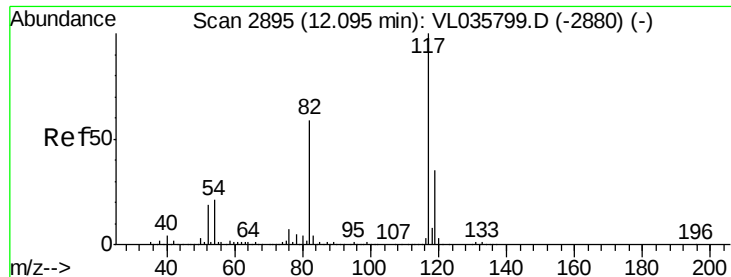


#39
 1,2-Dichloropropane
 Concen: 8.009 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.47 min
 Lab File: VL036016.D
 Acq: 25 Nov 2020 5:32

Tgt Ion: 63 Resp: 952657

Ion	Ratio	Lower	Upper
63	100		
41	0.1	43.8	65.6#
62	17.5	56.2	84.2#

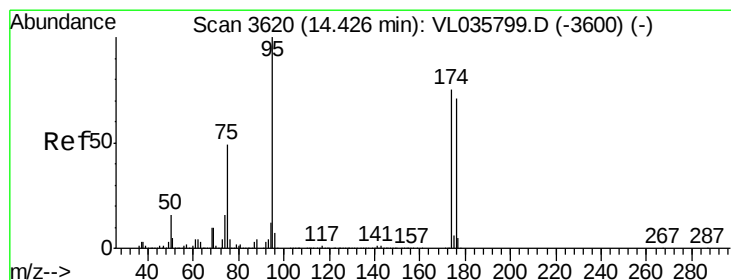
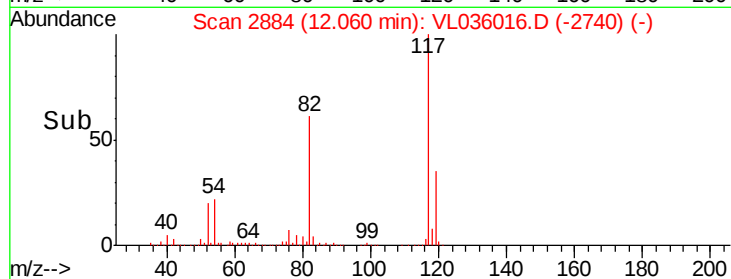
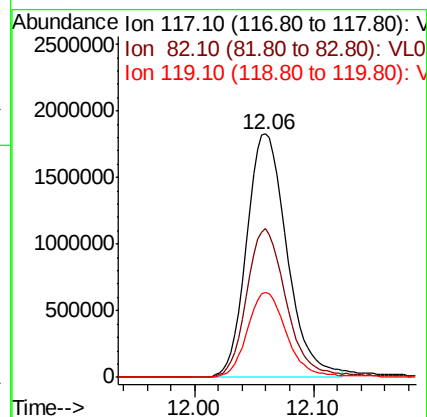
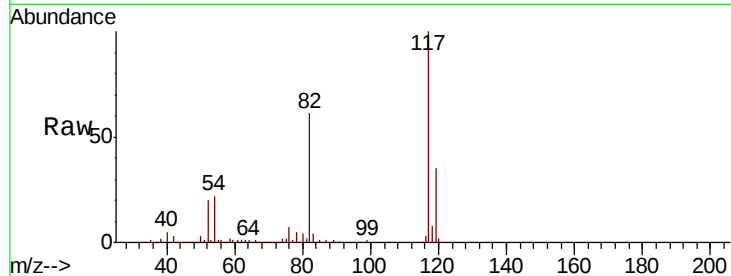




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL036016.D
Acq: 25 Nov 2020 5:32

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4297423
Ion Ratio Lower Upper
117 100
82 61.5 50.6 76.0
119 35.0 52.6 78.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.755 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL036016.D
Acq: 25 Nov 2020 5:32

Tgt Ion: 95 Resp: 3283702
Ion Ratio Lower Upper
95 100
174 72.3 59.8 89.6
175 5.2 4.3 6.5

