

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035589.D
 Acq On : 10 Sep 2020 18:38
 Operator : SY/AP
 Sample : CAN 10295
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10295

Quant Time: Sep 11 08:13:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1032474	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4129767	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4144499	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3131995	10.64	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

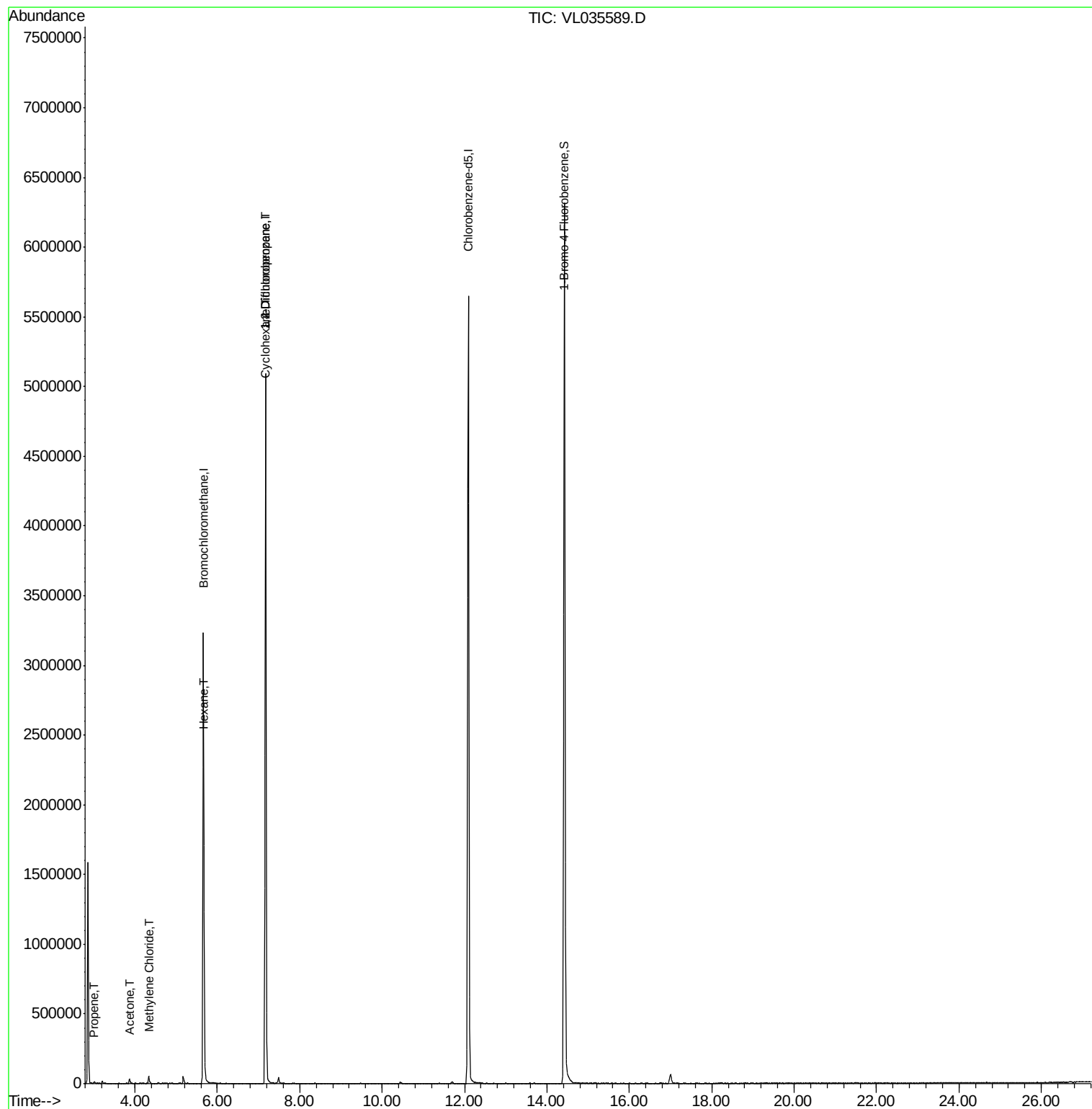
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3132	0.071	ppbv	91
15) Acetone	3.86	43	19707	0.173	ppbv #	17
20) Methylene Chloride	4.34	84	23570	0.278	ppbv #	92
26) Hexane	5.68	57	3550	0.031	ppbv #	39
30) Cyclohexane	7.16	84	5271	0.043	ppbv #	9
39) 1,2-Dichloropropane	7.17	63	777279	8.607	ppbv #	33

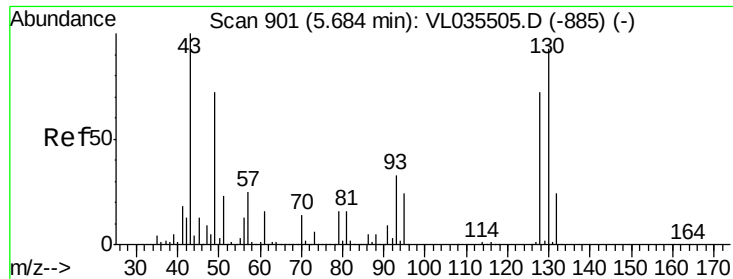
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 27 06:46:28 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

Lab File: VL035589.D

Acq: 10 Sep 2020 18:38

Instrument :

MSVOA_L

ClientSampleId :

CAN 10295

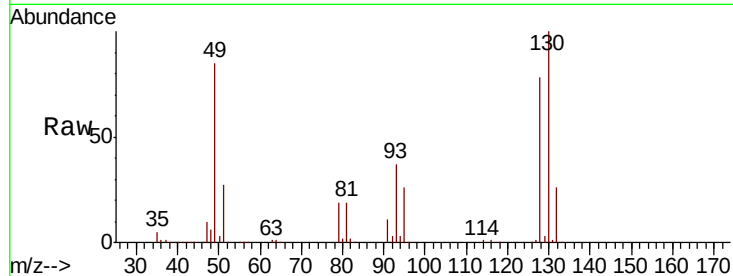
Tot Ion: 49 Resp: 1032474

Ion Ratio Lower Upper

49 100

128 92.2 50.0 150.1

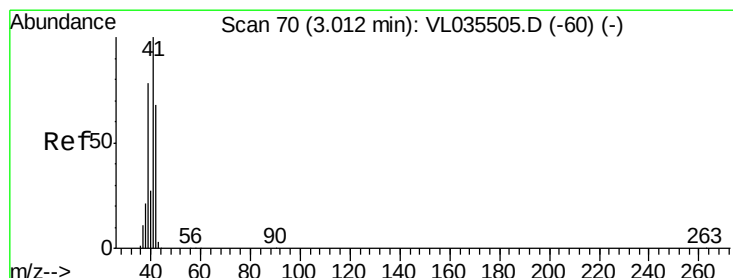
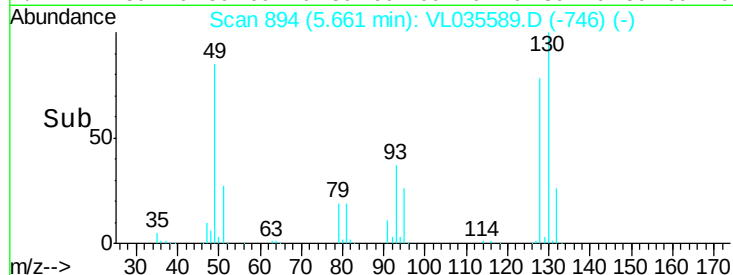
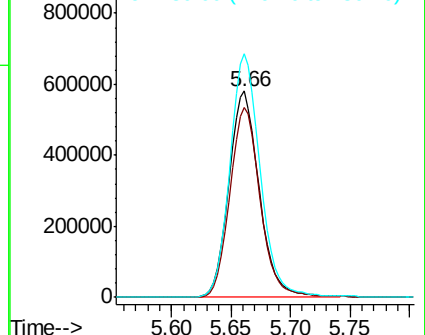
130 118.7 64.4 193.2



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



#9

Propene

Concen: 0.071 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL035589.D

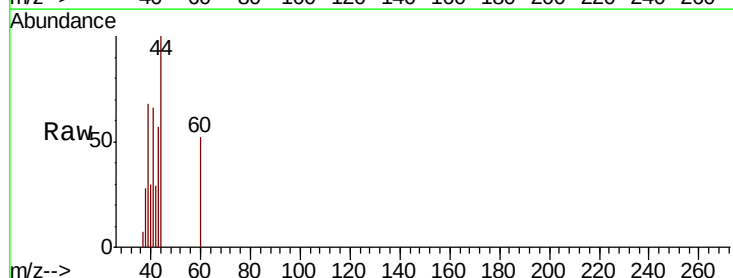
Acq: 10 Sep 2020 18:38

Tgt Ion: 41 Resp: 3132

Ion Ratio Lower Upper

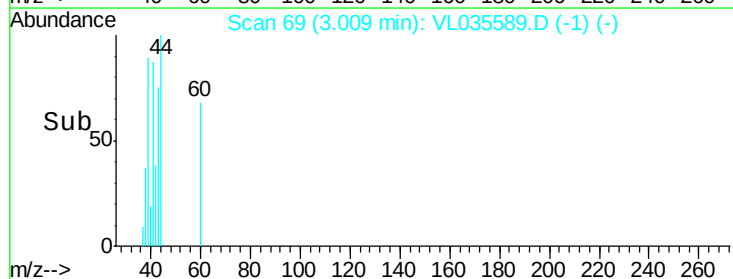
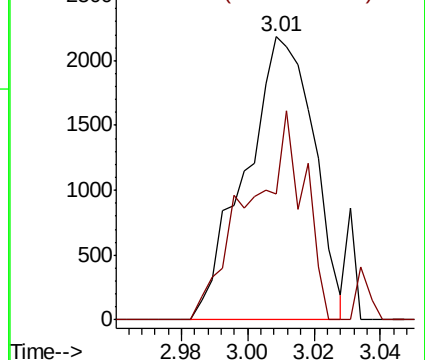
41 100

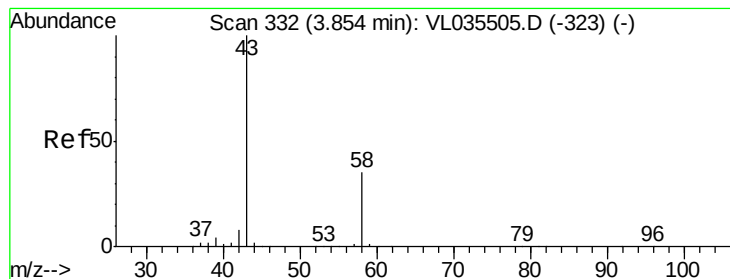
42 63.3 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.173 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL035589.D

Acq: 10 Sep 2020 18:38

Instrument :

MSVOA_L

ClientSampleId :

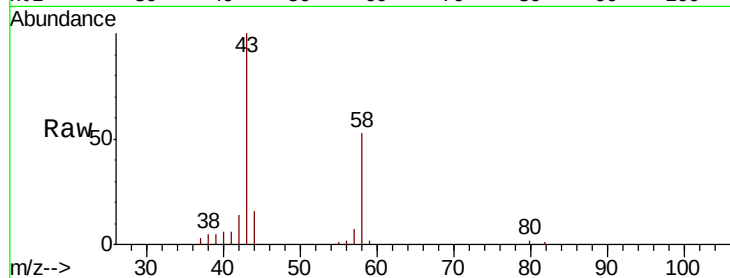
CAN 10295

Tot Ion: 43 Resp: 19707

Ion Ratio Lower Upper

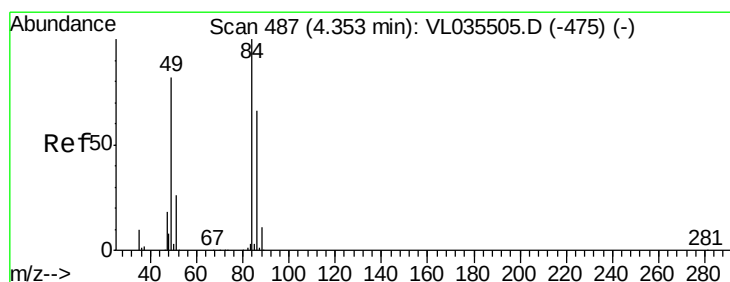
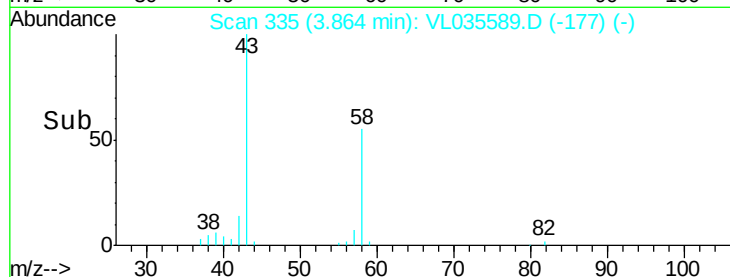
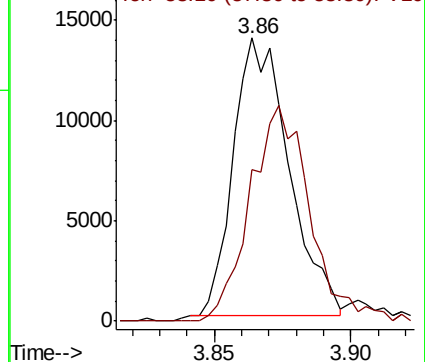
43 100

58 83.9 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.278 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL035589.D

Acq: 10 Sep 2020 18:38

Tgt Ion: 84 Resp: 23570

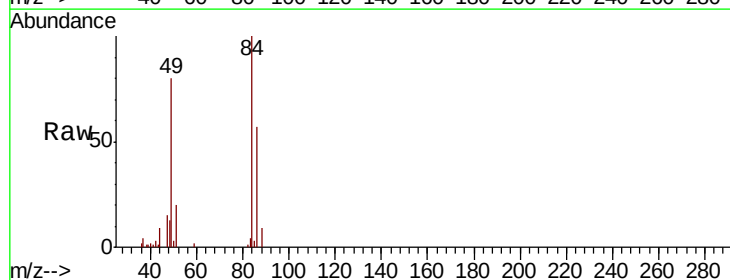
Ion Ratio Lower Upper

84 100

49 78.1 65.4 98.0

51 19.6 21.5 32.3#

86 57.5 52.9 79.3

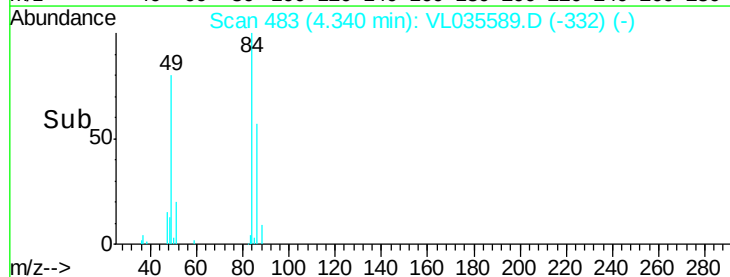
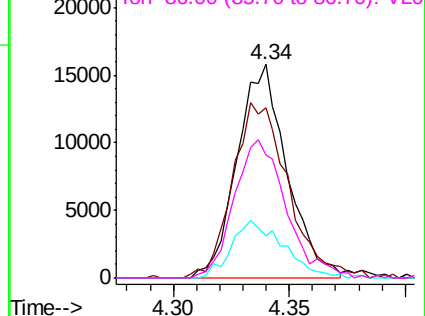


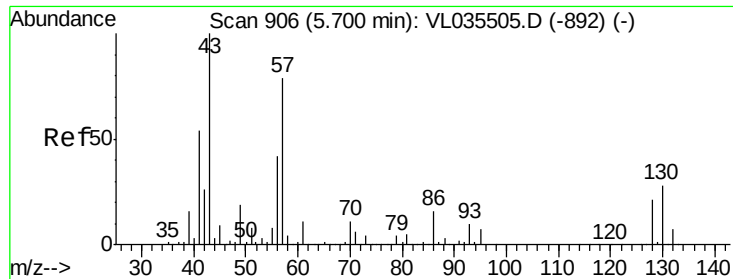
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

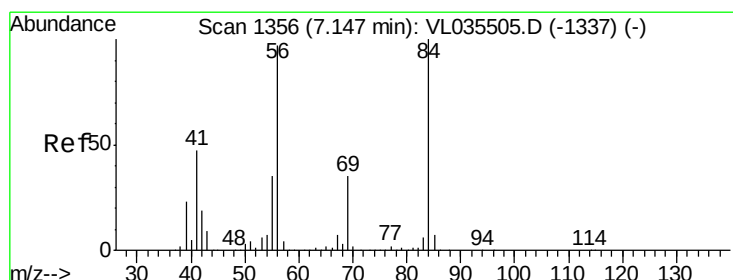
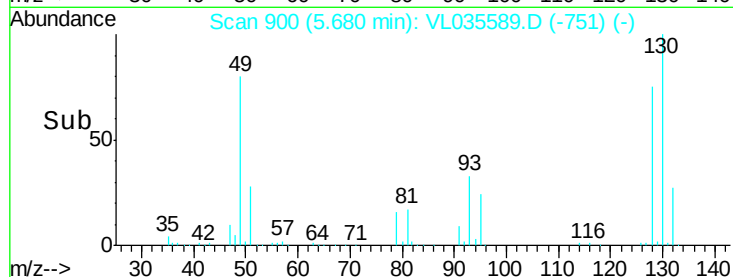
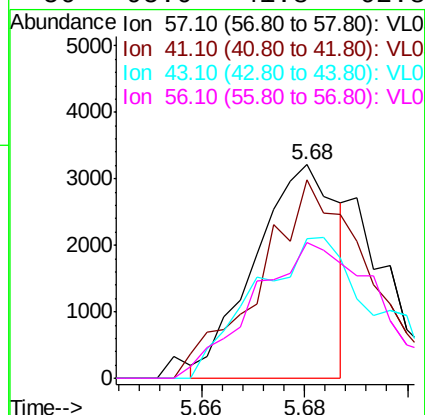
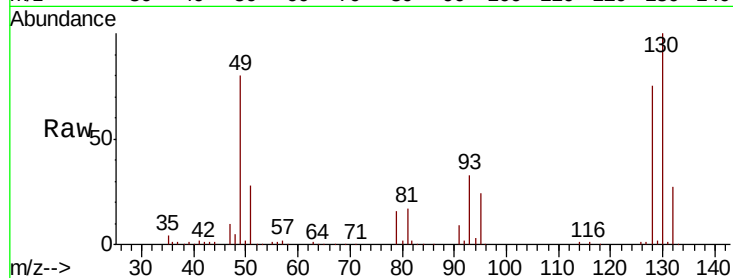




#26
Hexane
Concen: 0.031 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.02 min
Lab File: VL035589.D
Acq: 10 Sep 2020 18:38

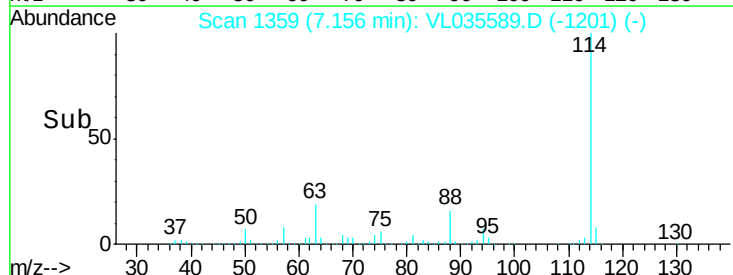
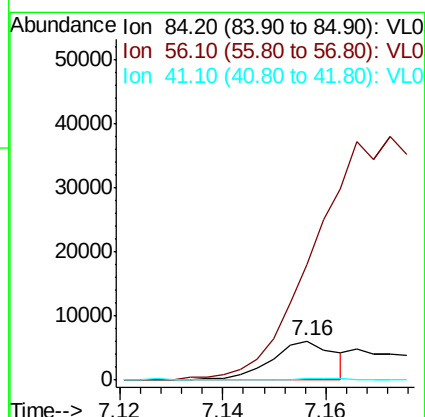
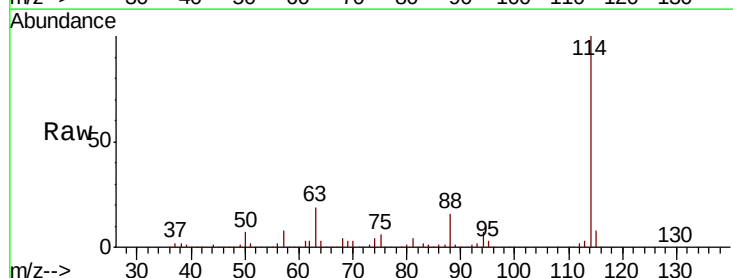
Instrument :
MSVOA_L
ClientSampled :
CAN 10295

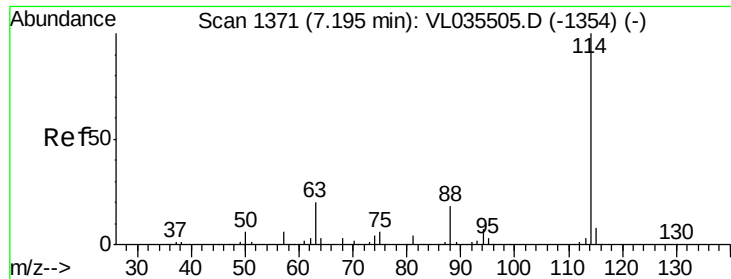
Tot Ion: 57 Resp: 3550
Ion Ratio Lower Upper
57 100
41 125.2 55.9 83.9#
43 95.5 141.8 212.8#
56 95.0 41.8 62.8#



#30
Cyclohexane
Concen: 0.043 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VL035589.D
Acq: 10 Sep 2020 18:38

Tgt Ion: 84 Resp: 5271
Ion Ratio Lower Upper
84 100
56 0.0 80.1 120.1#
41 0.0 38.1 57.1#



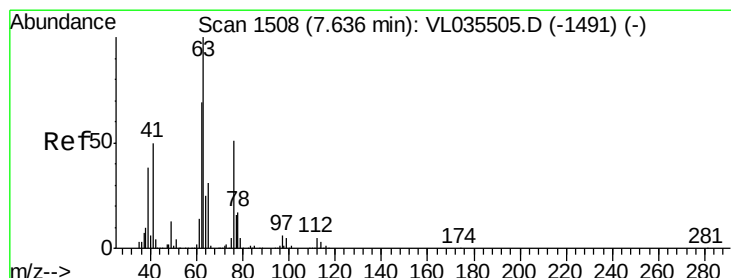
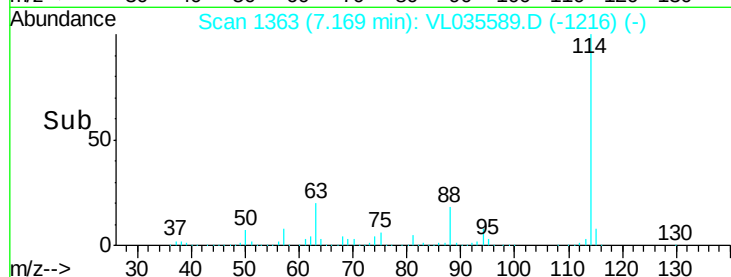
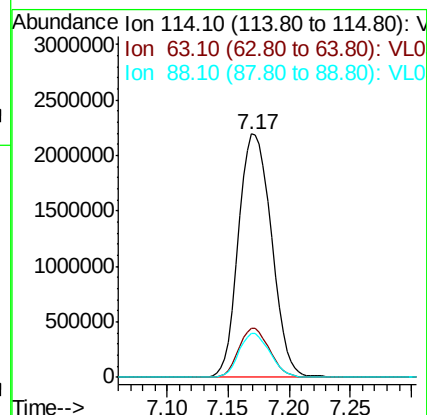
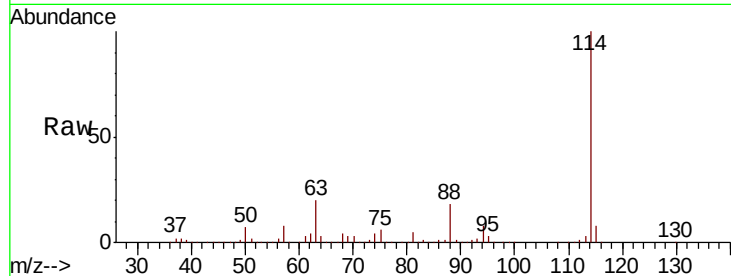


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: VL035589.D
 Acq: 10 Sep 2020 18:38

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10295

Tot Ion:114 Resp: 4129767

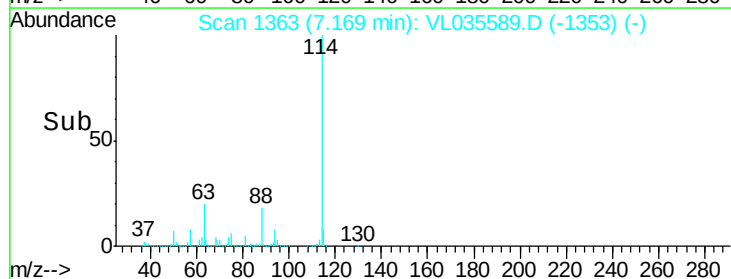
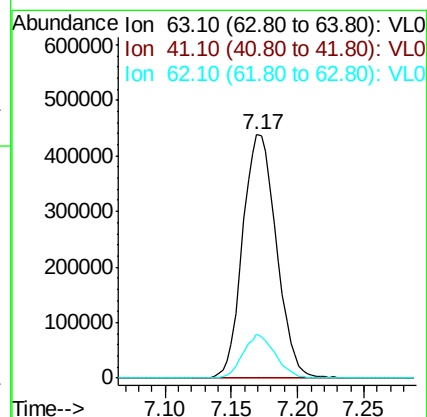
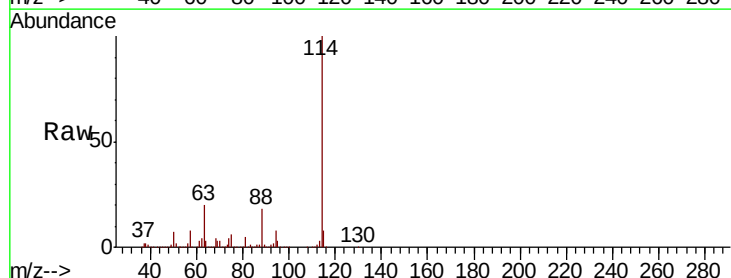
Ion	Ratio	Lower	Upper
114	100		
63	18.9	14.7	22.1
88	17.0	13.4	20.2

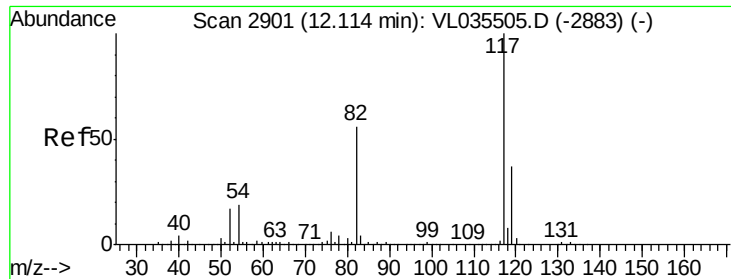


#39
 1,2-Dichloropropane
 Concen: 8.607 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.47 min
 Lab File: VL035589.D
 Acq: 10 Sep 2020 18:38

Tgt Ion: 63 Resp: 777279

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	17.9	55.4	83.0#

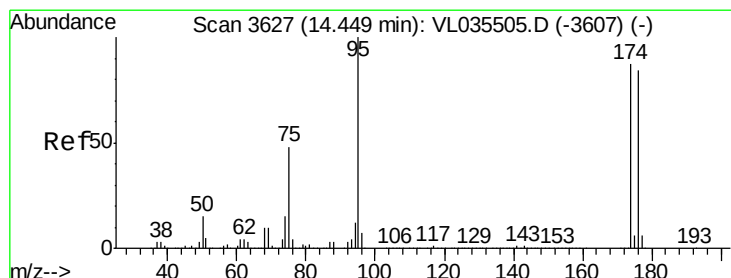
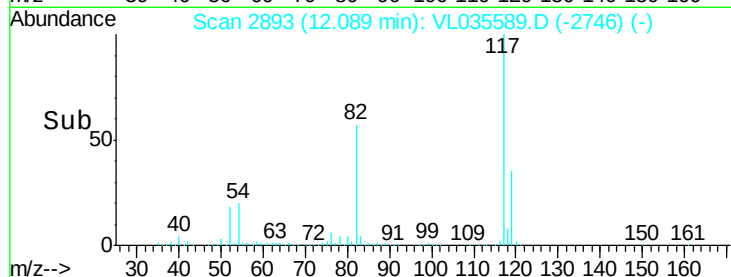
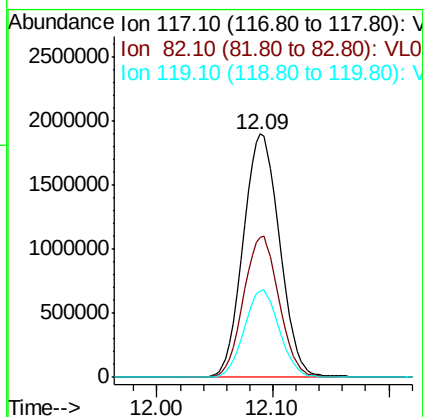
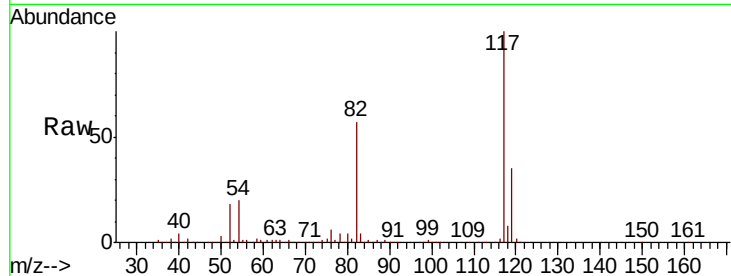




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035589.D
Acq: 10 Sep 2020 18:38

Instrument :
MSVOA_L
ClientSampleId :
CAN 10295

Tot Ion:117 Resp: 4144499
Ion Ratio Lower Upper
117 100
82 56.9 41.6 62.4
119 34.9 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.641 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035589.D
Acq: 10 Sep 2020 18:38

Tgt Ion: 95 Resp: 3131995
Ion Ratio Lower Upper
95 100
174 81.8 69.6 104.4
175 5.9 5.1 7.7

