

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092920\
Quantitation Report (Not Reviewed)

Data File : VL035725.D
Acq On : 29 Sep 2020 14:48
Operator : SY/AP
Sample : VL0929ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0929ABL01

Quant Time: Sep 30 02:38:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1152741	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4248824	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4292867	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3256387	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

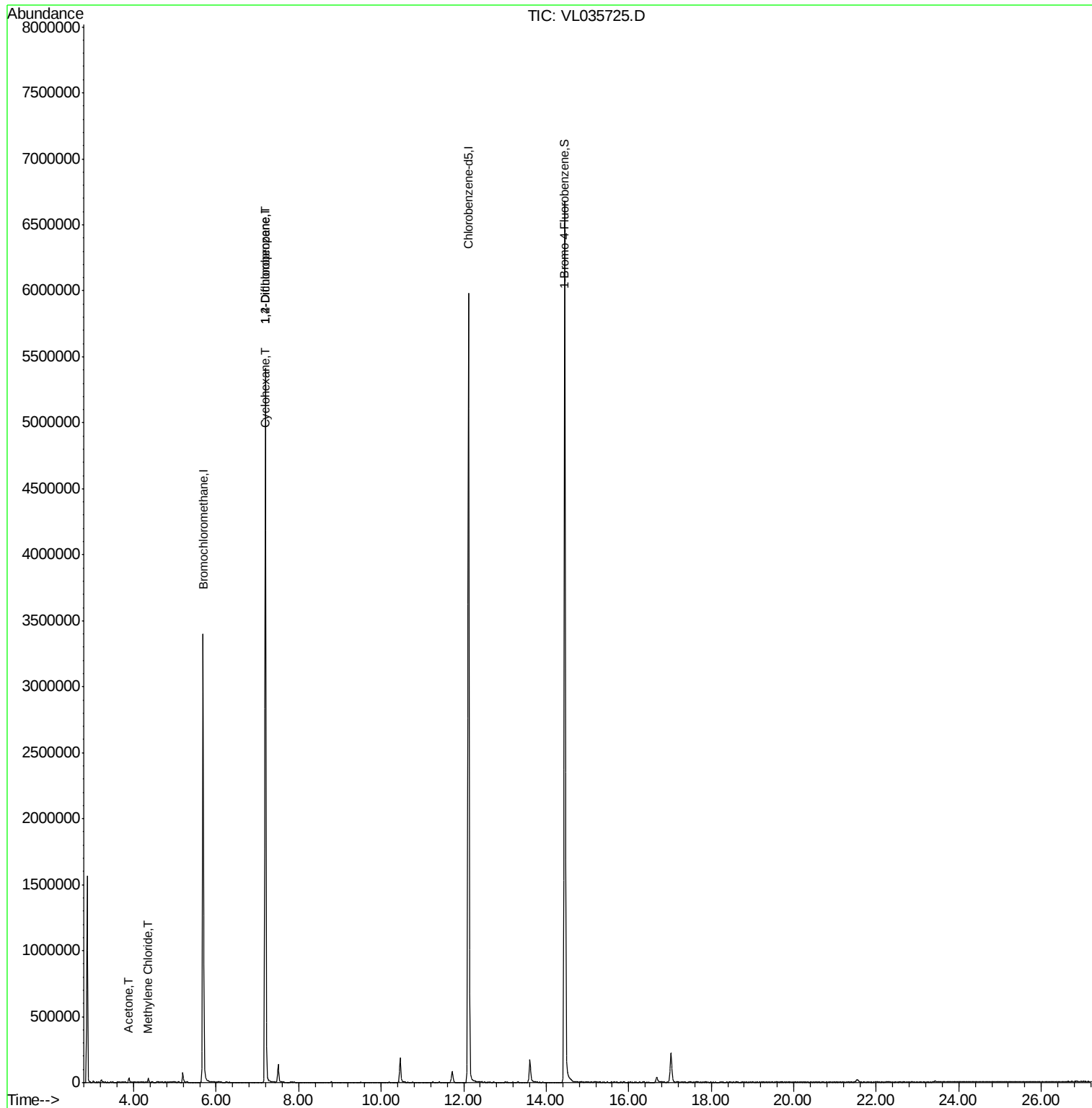
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.88	43	23652	0.191	ppbv #	10
20) Methylene Chloride	4.36	84	12883	0.141	ppbv	94
30) Cyclohexane	7.18	84	8238	0.068	ppbv #	7
39) 1,2-Dichloropropane	7.19	63	841198	8.383	ppbv #	31

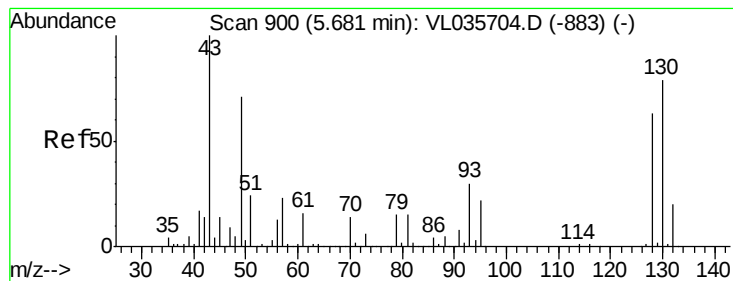
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.00 min

Lab File: VL035725.D

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Instrument :

MSVOA_L

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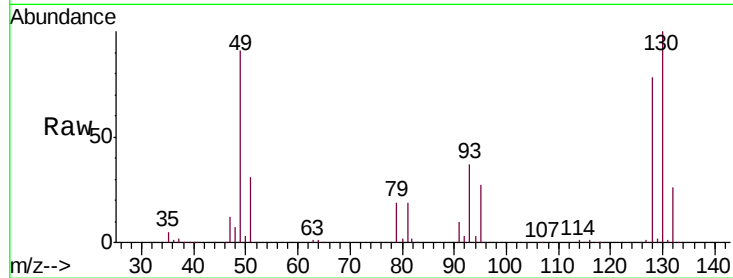
Tgt Ion: 49 Resp: 1152741

Ion Ratio Lower Upper

49 100

128 85.4 43.1 129.4

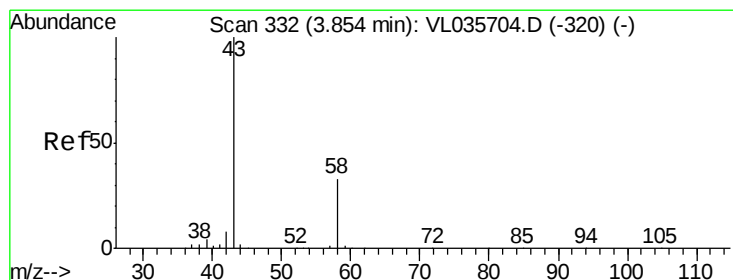
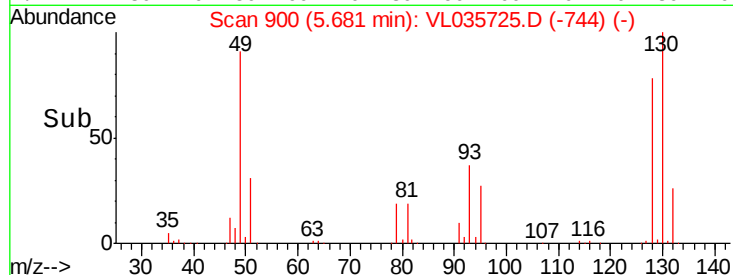
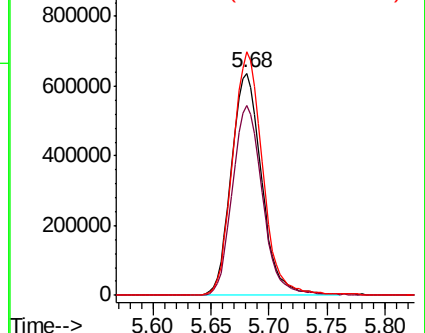
130 109.2 54.9 164.7



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



#15

Acetone

Concen: 0.191 ppbv

RT: 3.88 min Scan# 340

Delta R.T. 0.03 min

Lab File: VL035725.D

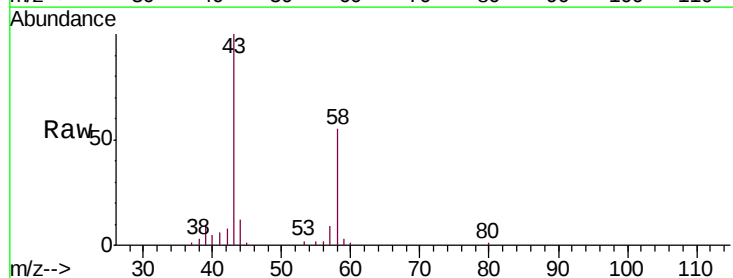
Acq: 29 Sep 2020 14:48

Tgt Ion: 43 Resp: 23652

Ion Ratio Lower Upper

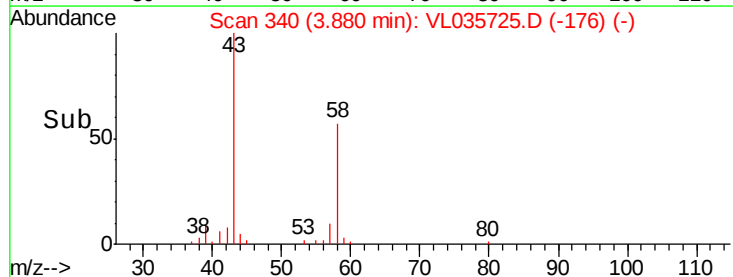
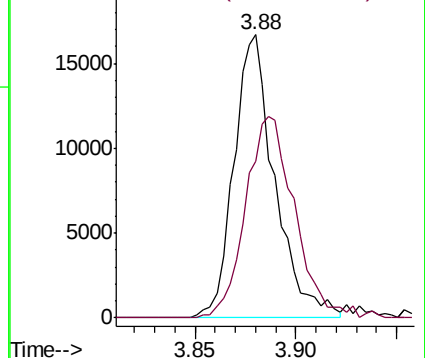
43 100

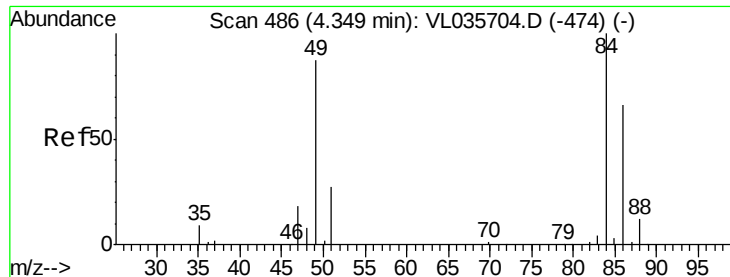
58 85.5 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

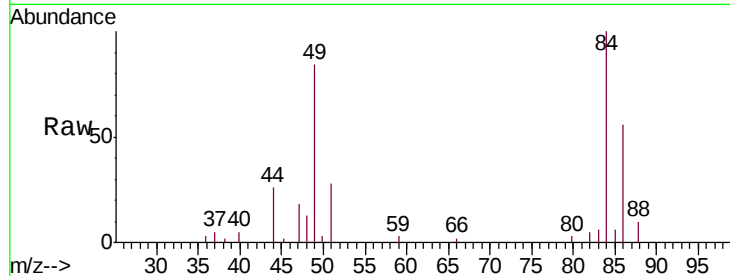




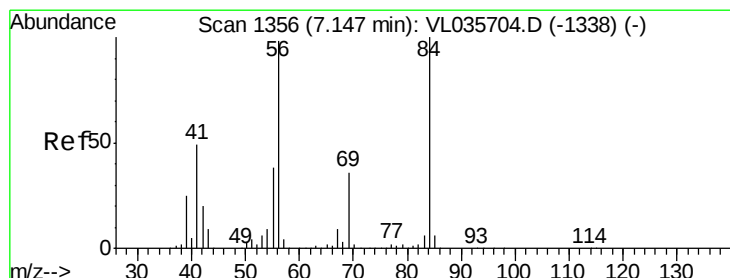
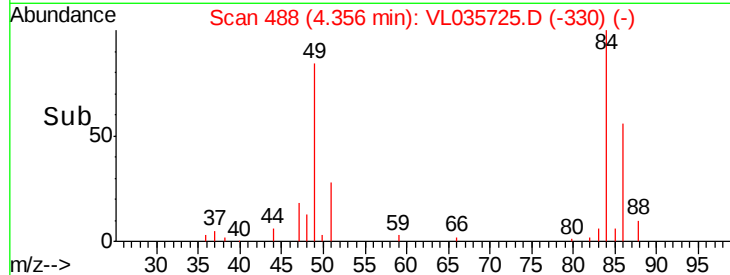
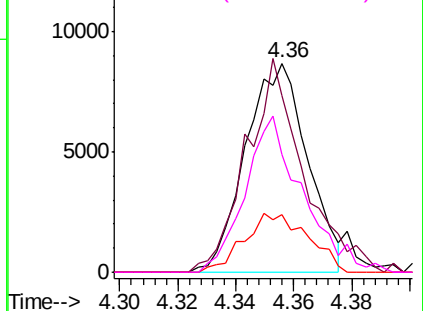
#20
Methylene Chloride
Concen: 0.141 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL035725.D
Acq: 29 Sep 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0929ABL01

Tgt Ion:	84	Resp:	12883
Ion	Ratio	Lower	Upper
84	100		
49	84.3	69.8	104.6
51	27.8	21.8	32.8
86	56.0	52.6	78.8

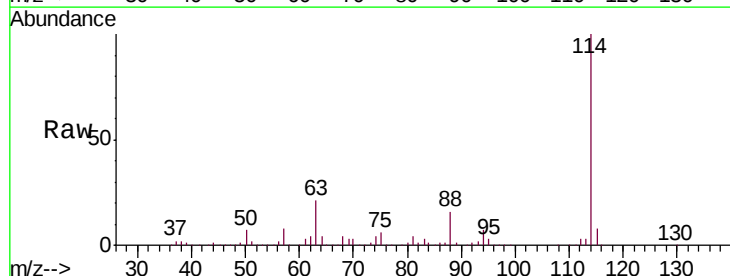


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

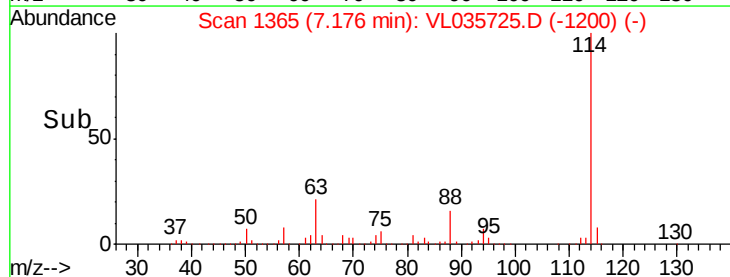
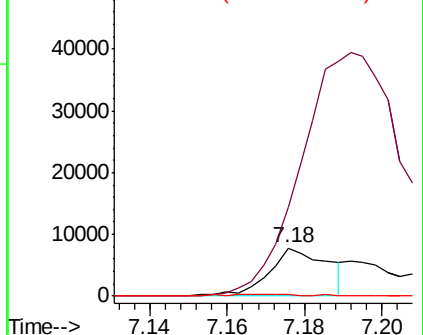


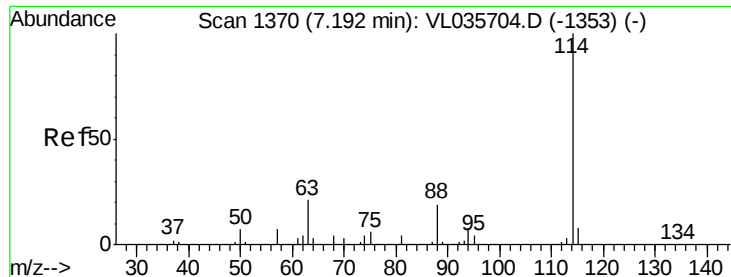
#30
Cyclohexane
Concen: 0.068 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.03 min
Lab File: VL035725.D
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Tgt Ion:	84	Resp:	8238
Ion	Ratio	Lower	Upper
84	100		
56	0.0	84.6	127.0#
41	0.0	41.1	61.7#



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

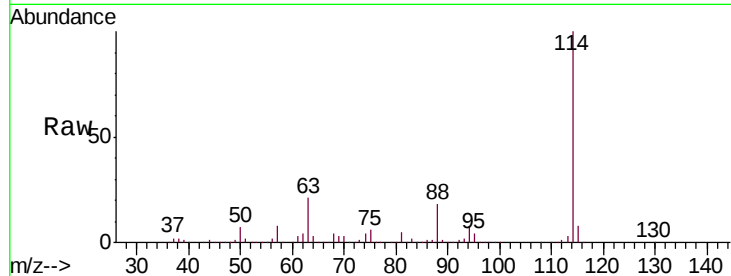




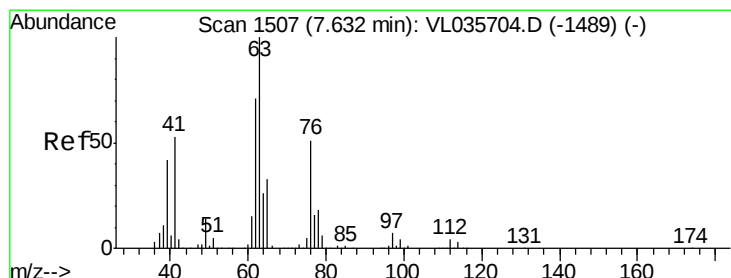
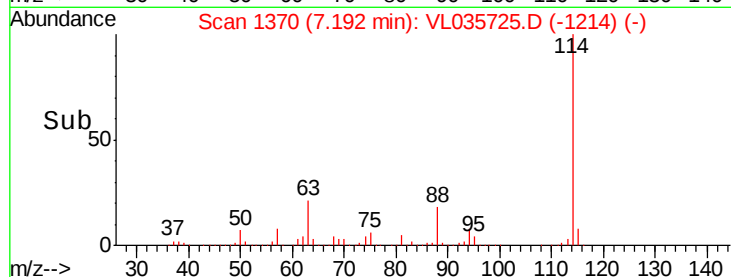
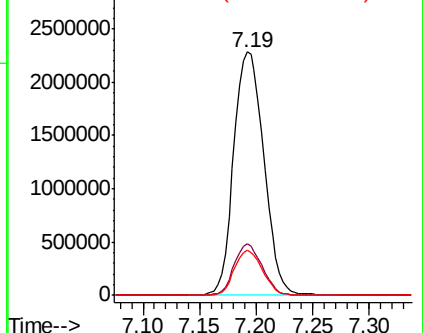
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: VL035725.D
 Acq: 29 Sep 2020 14:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0929ABL01

Tgt Ion: 114 Resp: 4248824
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.1 24.1
 88 17.5 14.1 21.1

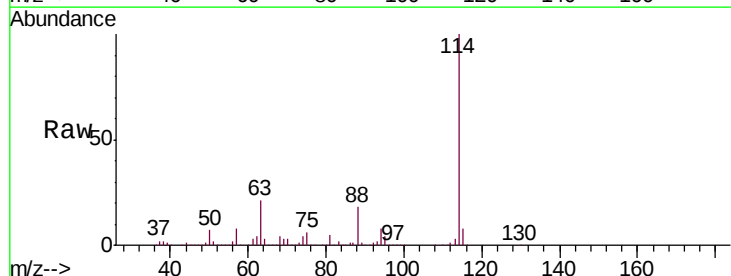


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

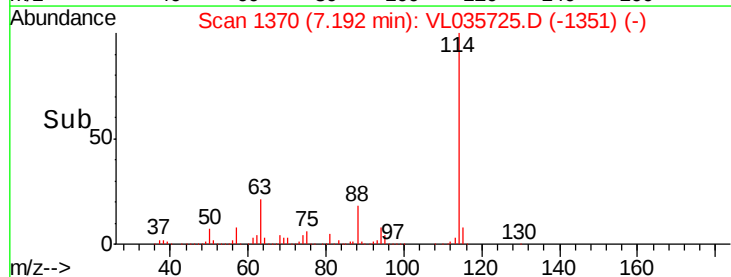
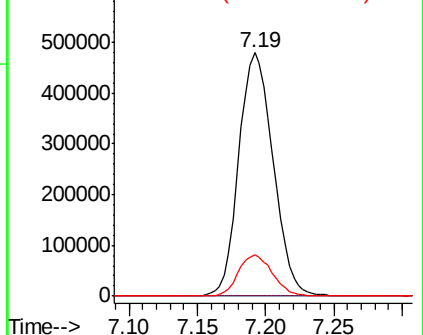


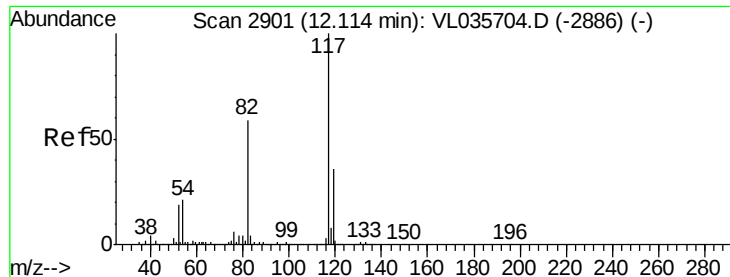
#39
 1,2-Dichloropropane
 Concen: 8.383 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.44 min
 Lab File: VL035725.D
 Acq: 29 Sep 2020 14:48

Tgt Ion: 63 Resp: 841198
 Ion Ratio Lower Upper
 63 100
 41 0.0 42.6 63.8#
 62 17.1 56.5 84.7#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

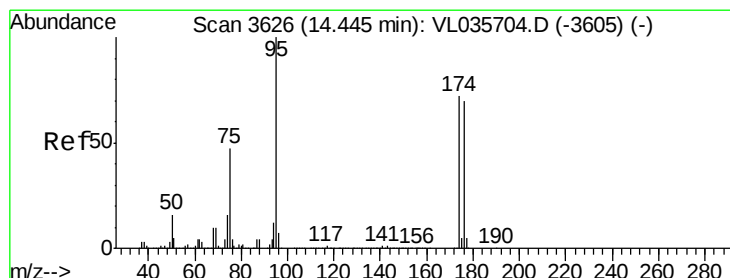
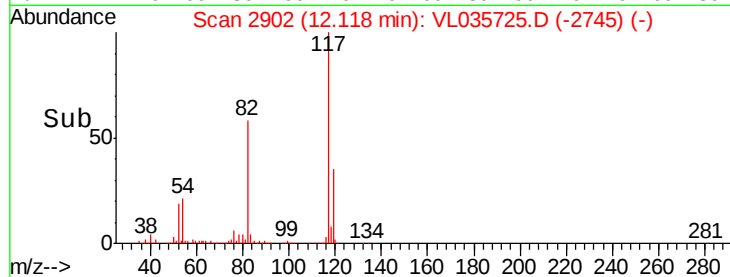
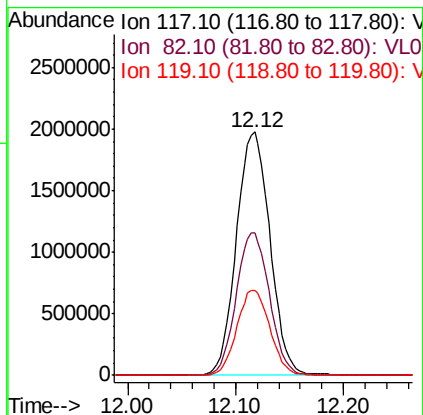
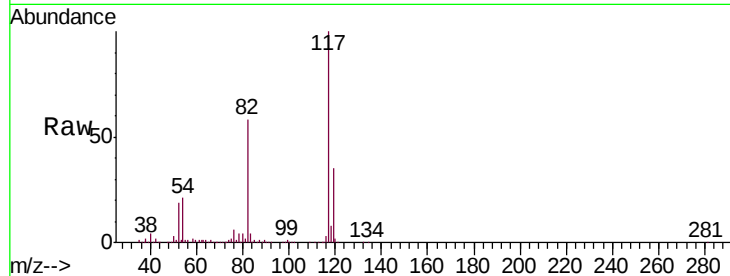




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL035725.D
Acq: 29 Sep 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0929ABL01

Tgt Ion: 117 Resp: 4292867
Ion Ratio Lower Upper
117 100
82 58.5 46.1 69.1
119 34.6 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.123 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035725.D
Acq: 29 Sep 2020 14:48

Tgt Ion: 95 Resp: 3256387
Ion Ratio Lower Upper
95 100
174 78.8 59.6 89.4
175 5.7 4.2 6.4

