

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035513.D
 Acq On : 27 Aug 2020 8:38
 Operator : SY/AP
 Sample : VL0823ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0827ABL01

Quant Time: Aug 28 01:25:56 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	5.68	49	1060403	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4509452	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4577769	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3273159	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

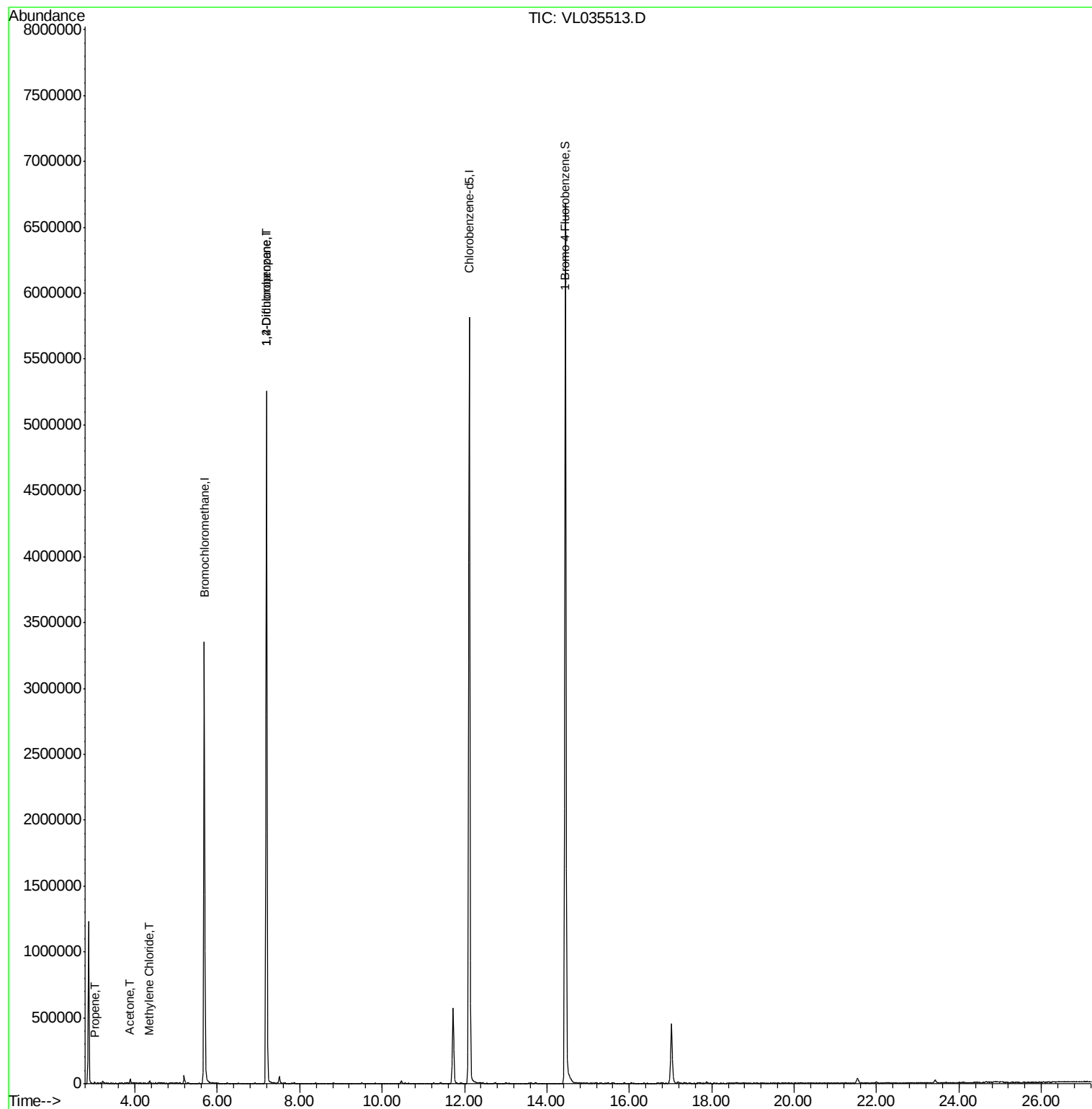
Target Compounds					Ovalue
9) Propene	3.02	41	3062	0.068 ppbv	84
15) Acetone	3.89	43	21642	0.185 ppbv #	24
20) Methylene Chloride	4.35	84	4995	0.057 ppbv #	93
39) 1,2-Dichloropropane	7.19	63	802602	8.139 ppbv #	32

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

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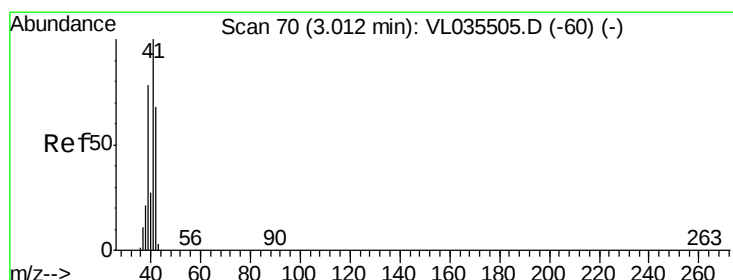
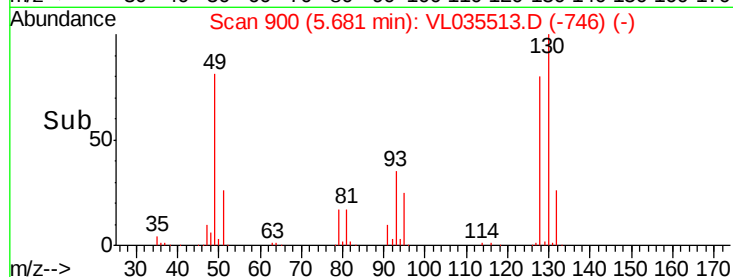
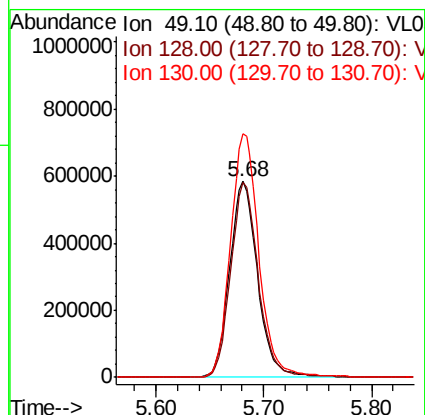
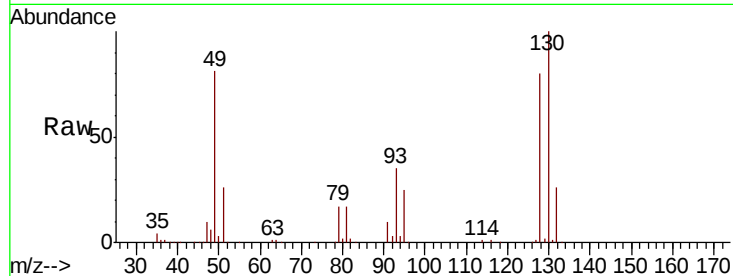




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VL035513.D
 Acq: 27 Aug 2020 8:38

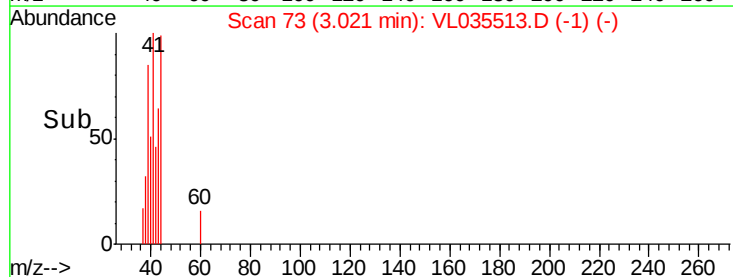
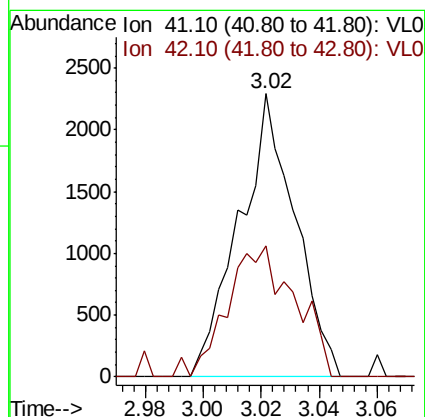
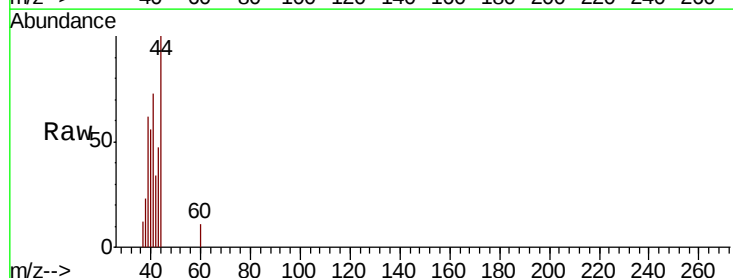
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0827ABL01

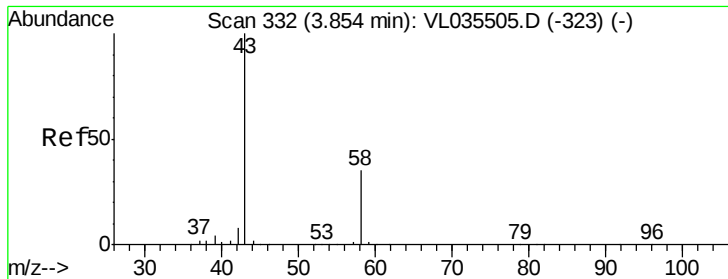
Tot Ion: 49 Resp: 1060403
 Ion Ratio Lower Upper
 49 100
 128 98.9 50.0 150.1
 130 126.8 64.4 193.2



#9
 Propene
 Concen: 0.068 ppbv
 RT: 3.02 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: VL035513.D
 Acq: 27 Aug 2020 8:38

Tgt Ion: 41 Resp: 3062
 Ion Ratio Lower Upper
 41 100
 42 57.6 56.3 84.5





#15

Acetone

Concen: 0.185 ppbv

RT: 3.89 min Scan# 342

Delta R.T. 0.03 min

Lab File: VL035513.D

Acq: 27 Aug 2020 8:38

Instrument :

MSVOA_L

ClientSampleId :

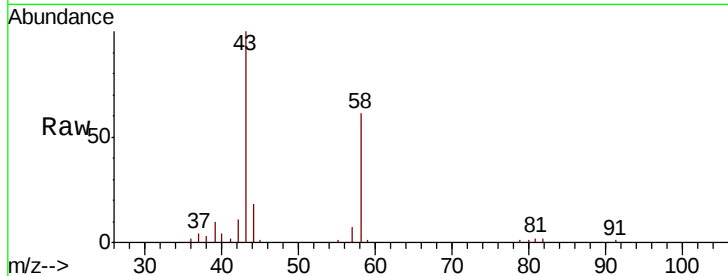
VL0827ABL01

Tot Ion: 43 Resp: 21642

Ion Ratio Lower Upper

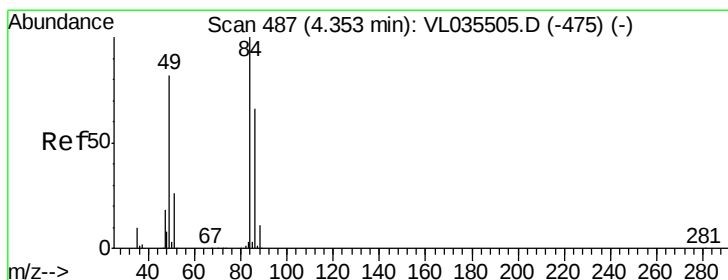
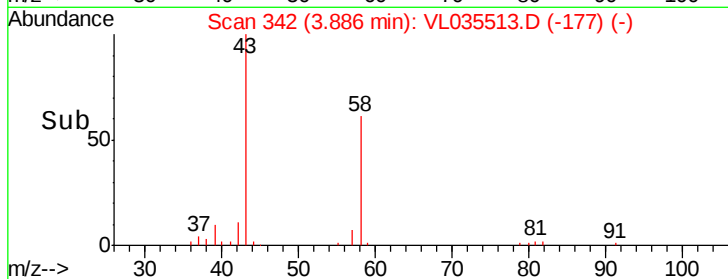
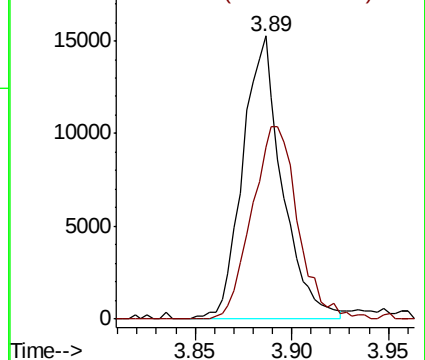
43 100

58 79.7 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: 0.057 ppbv

RT: 4.35 min Scan# 487

Delta R.T. -0.00 min

Lab File: VL035513.D

Acq: 27 Aug 2020 8:38

Tgt Ion: 84 Resp: 4995

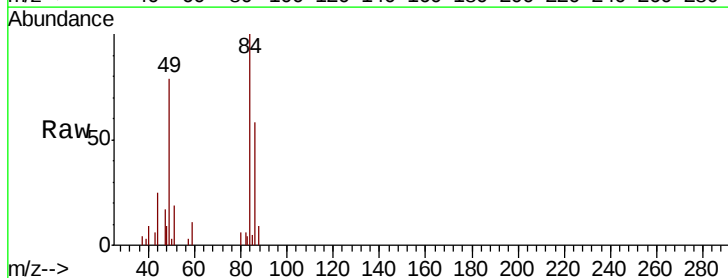
Ion Ratio Lower Upper

84 100

49 79.5 65.4 98.0

51 19.2 21.5 32.3#

86 58.2 52.9 79.3

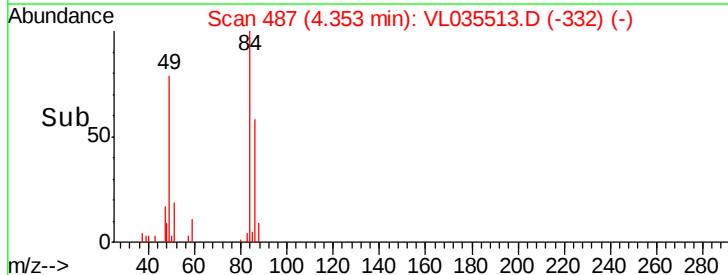
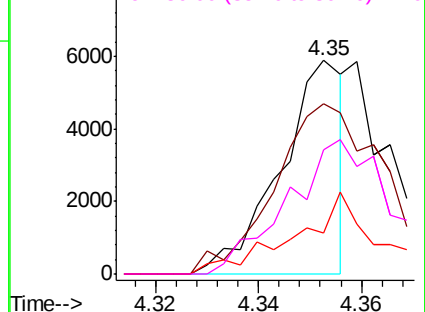


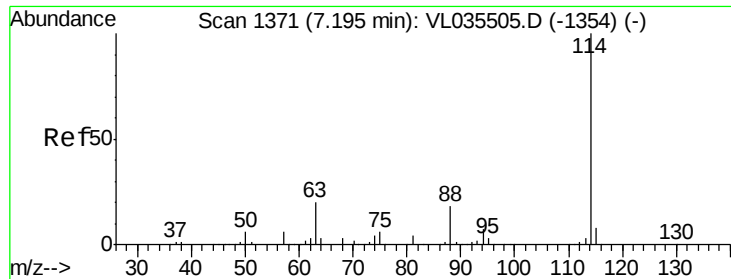
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

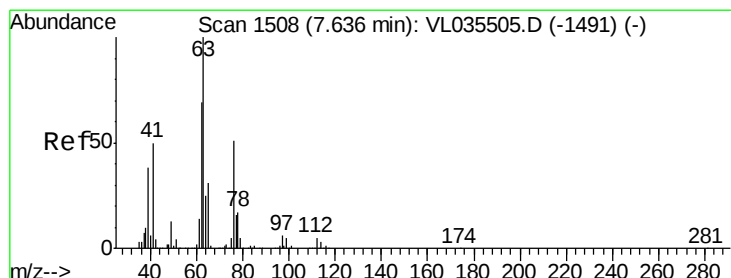
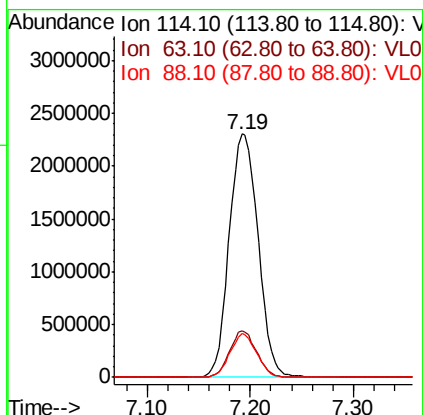
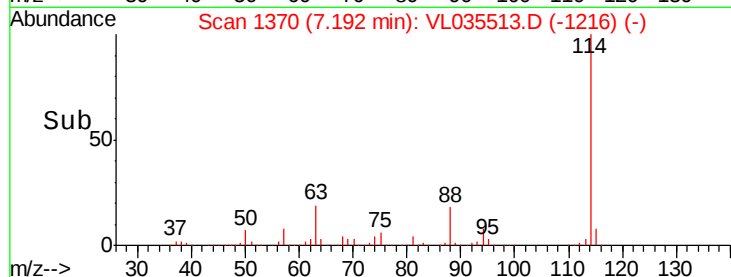
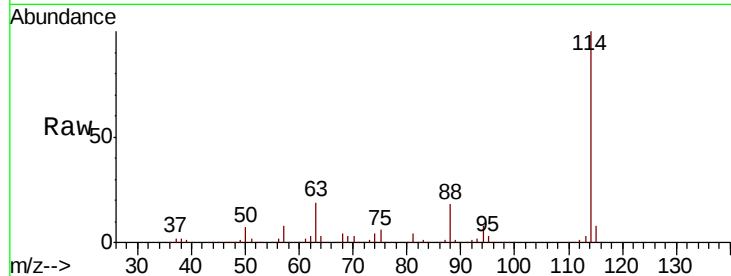




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: VL035513.D
 Acq: 27 Aug 2020 8:38

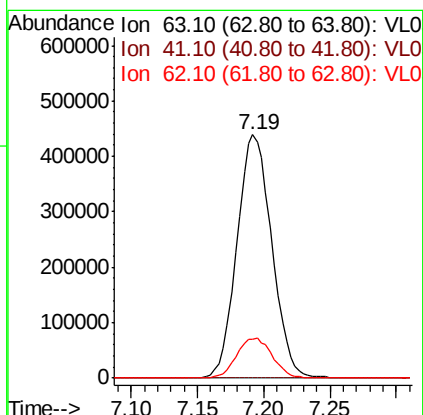
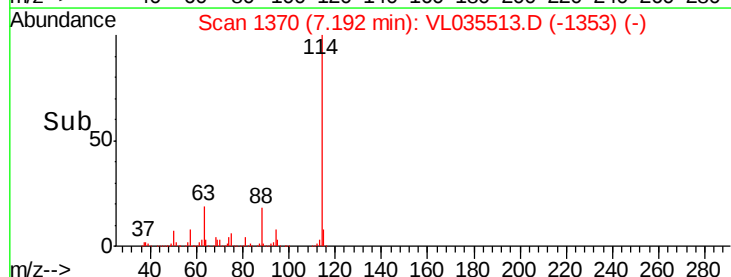
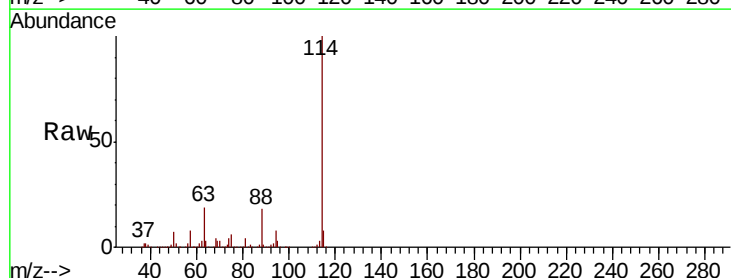
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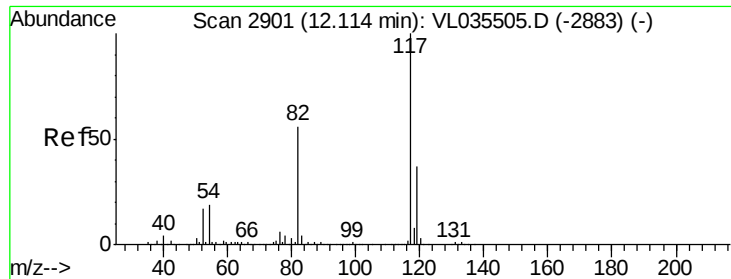
Tot Ion:114 Resp: 4509452
 Ion Ratio Lower Upper
 114 100
 63 17.8 14.7 22.1
 88 16.7 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.139 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.44 min
 Lab File: VL035513.D
 Acq: 27 Aug 2020 8:38

Tgt Ion: 63 Resp: 802602
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 16.1 55.4 83.0#

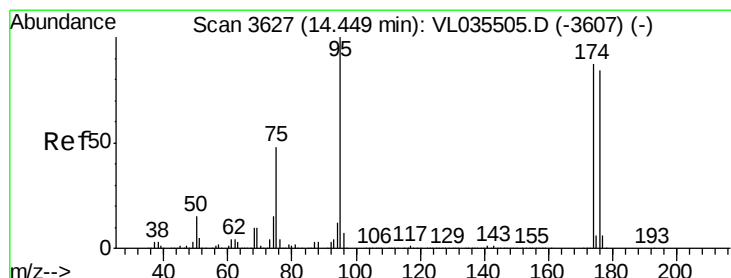
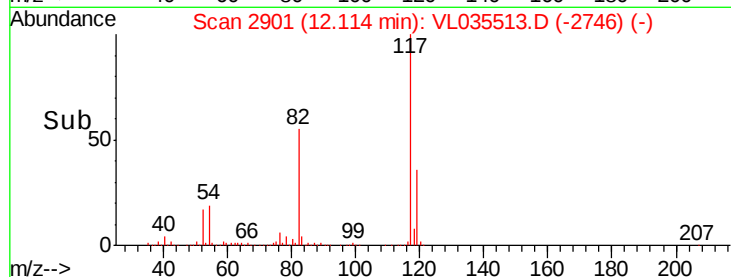
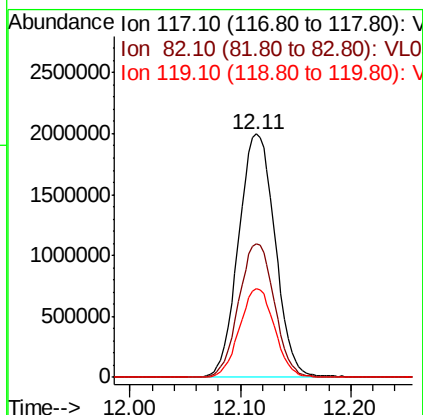
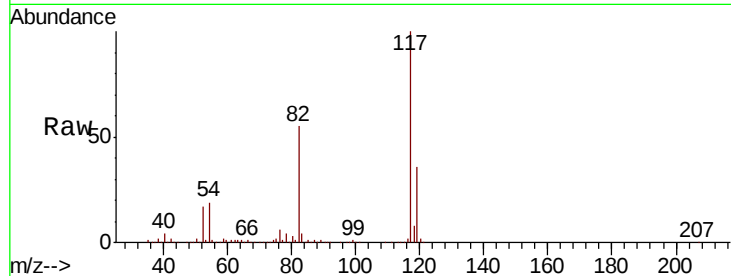




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL035513.D
Acq: 27 Aug 2020 8:38

Instrument :
MSVOA_L
ClientSampleId :
VL0827ABL01

Tot Ion:117 Resp: 4577769
Ion Ratio Lower Upper
117 100
82 53.8 41.6 62.4
119 35.2 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.068 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL035513.D
Acq: 27 Aug 2020 8:38

Tgt Ion: 95 Resp: 3273159
Ion Ratio Lower Upper
95 100
174 90.9 69.6 104.4
175 6.6 5.1 7.7

