

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037155.D
 Acq On : 15 Jun 2021 10:58
 Operator : SY/AP
 Sample : VL0615ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 16 01:43:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 16:49:11 2021
 QLast Update : Mon Jun 14 16:49:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1602040	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4741824	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4068619	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3092843	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

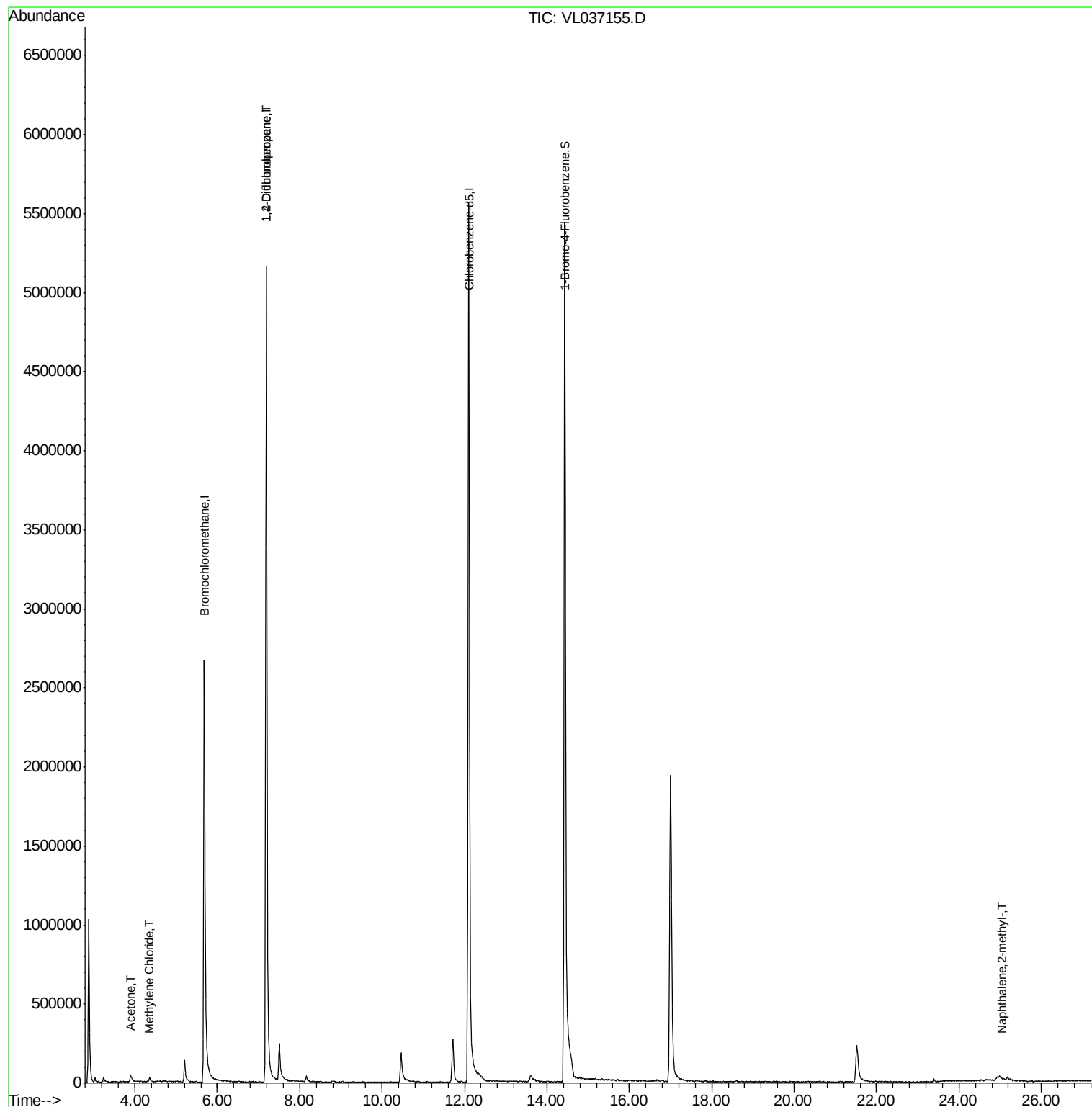
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	11764	0.061	ppbv #	46
20) Methylene Chloride	4.36	84	3958	0.047	ppbv #	72
39) 1,2-Dichloropropane	7.19	63	1127905	7.851	ppbv #	24
80) Naphthalene,2-methyl-	25.05	142	2067	0.028	ppbv	89

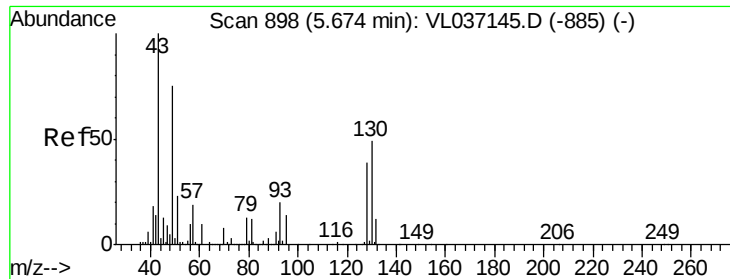
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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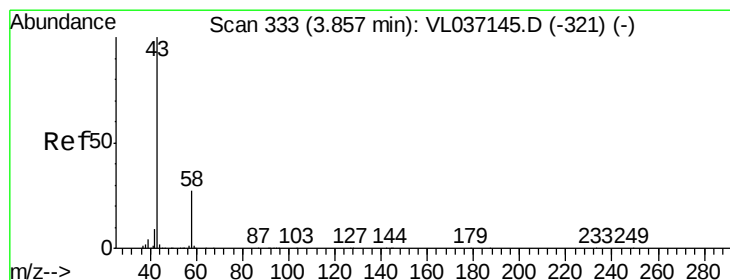
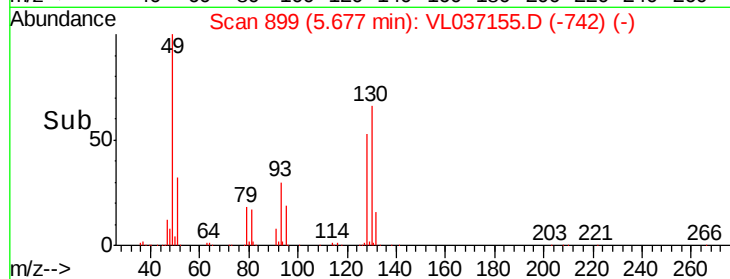
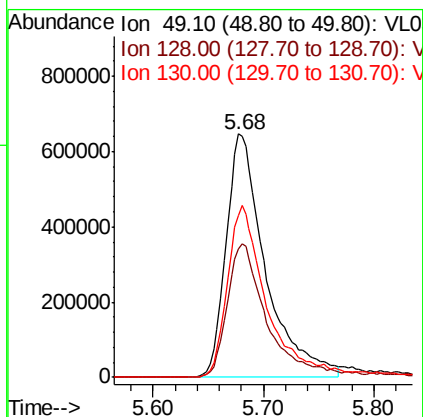
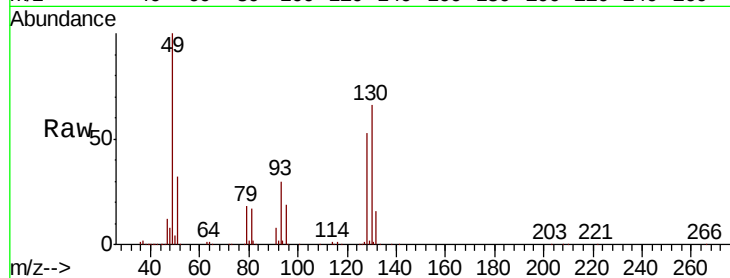




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VL037155.D
 Acq: 15 Jun 2021 10:58

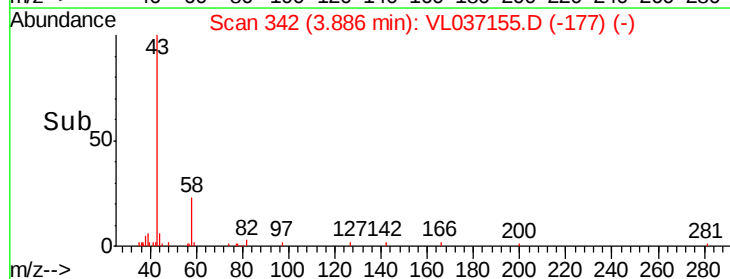
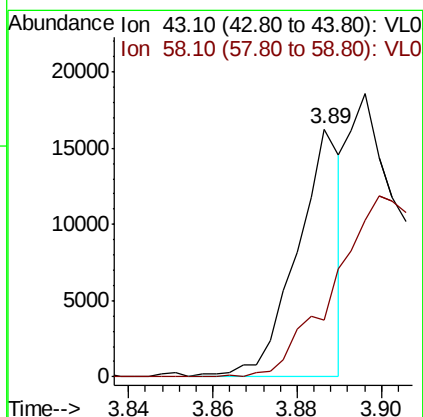
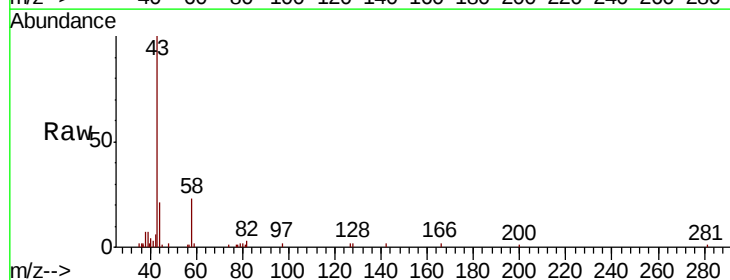
Instrument :
 MSVOA_L
 ClientSampleId :

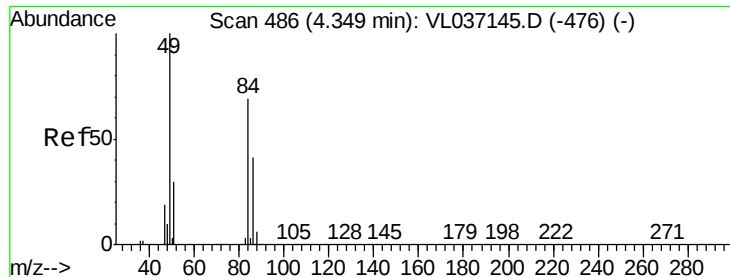
Tot Ion: 49 Resp: 1602040
 Ion Ratio Lower Upper
 49 100
 128 58.2 28.8 86.5
 130 73.2 36.0 108.0



#15
 Acetone
 Concen: 0.061 ppbv
 RT: 3.89 min Scan# 342
 Delta R.T. 0.03 min
 Lab File: VL037155.D
 Acq: 15 Jun 2021 10:58

Tgt Ion: 43 Resp: 11764
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.0 34.6#

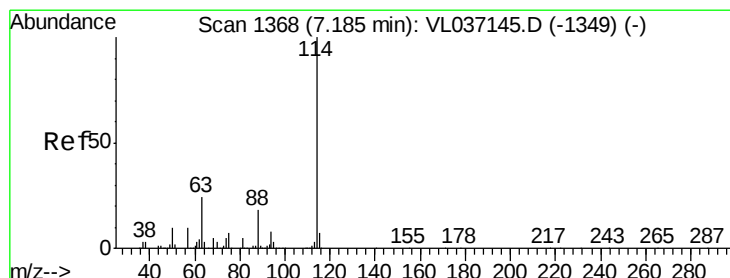
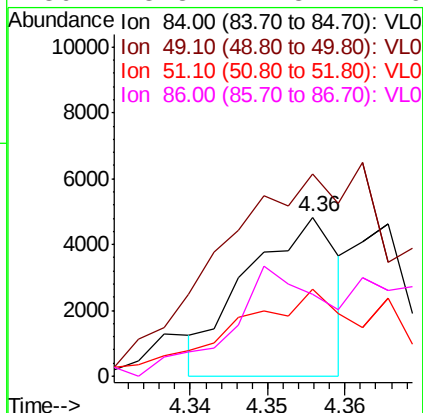
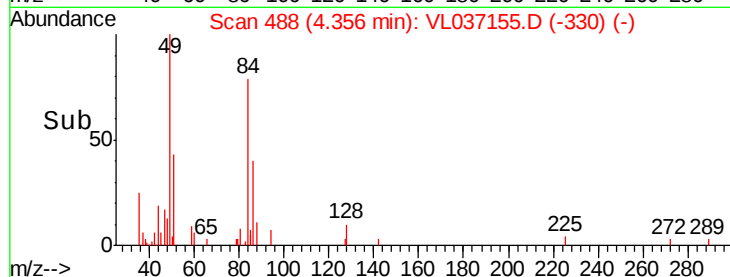
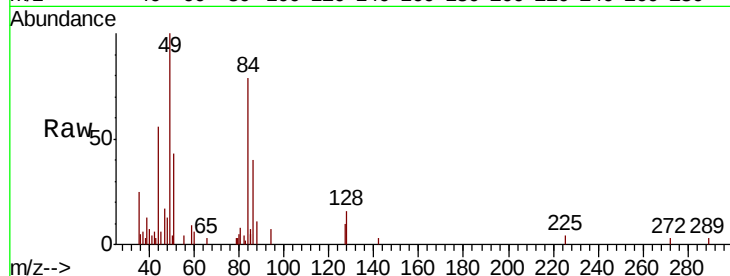




#20
Methylene Chloride
Concen: 0.047 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL037155.D
Acq: 15 Jun 2021 10:58

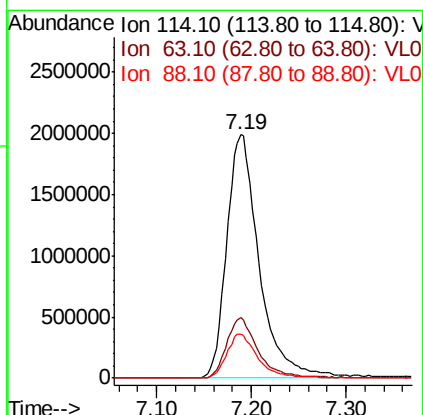
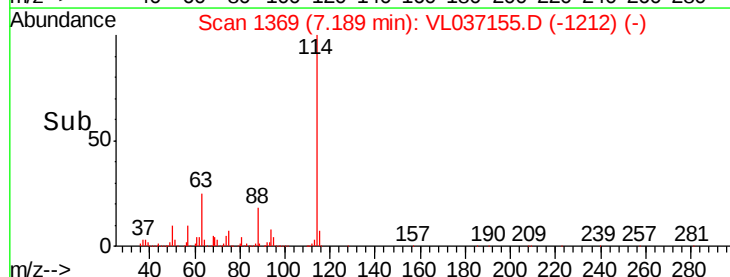
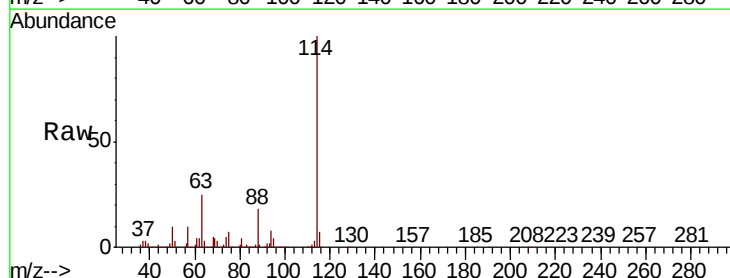
Instrument :
MSVOA_L
ClientSampled :

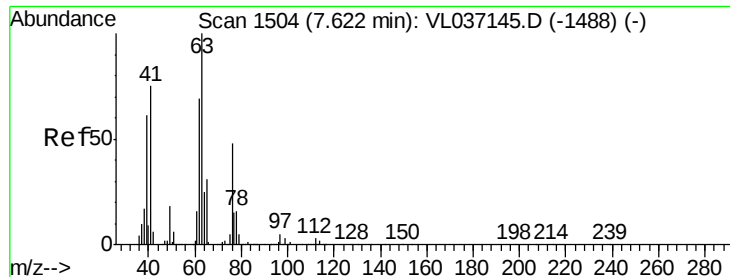
Tot Ion:	84	Resp:	3958
Ion	Ratio	Lower	Upper
84	100		
49	97.1	115.3	172.9#
51	51.6	34.2	51.4#
86	48.3	47.8	71.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL037155.D
Acq: 15 Jun 2021 10:58

Tgt Ion:	114	Resp:	4741824
Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.8	29.6
88	17.7	14.3	21.5

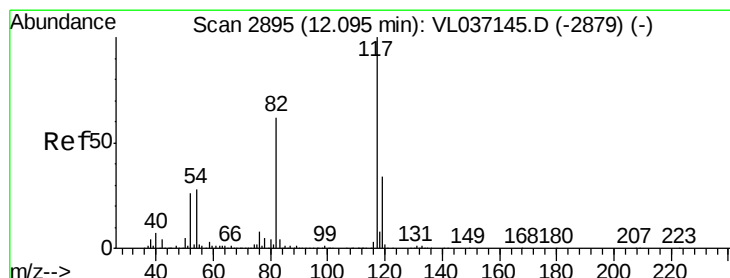
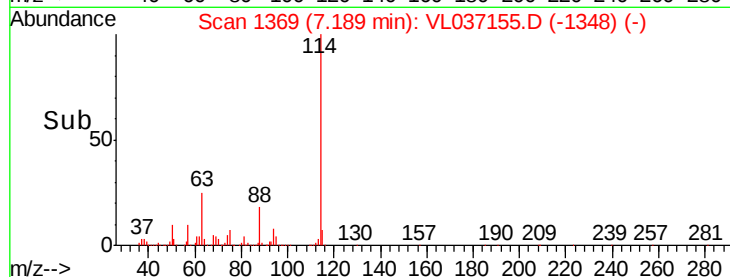
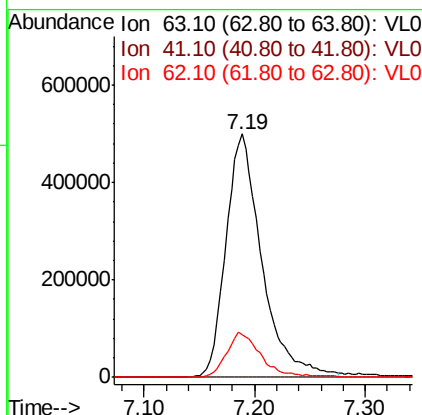
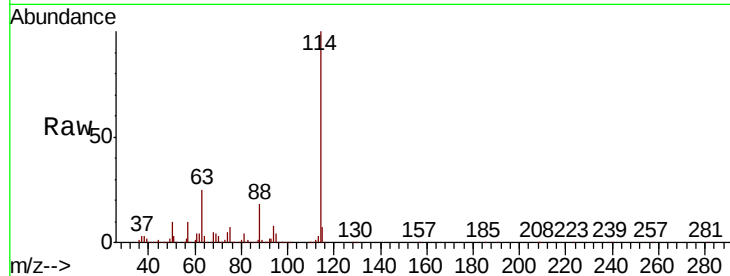




#39
 1,2-Dichloropropane
 Concen: 7.851 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.43 min
 Lab File: VL037155.D
 Acq: 15 Jun 2021 10:58

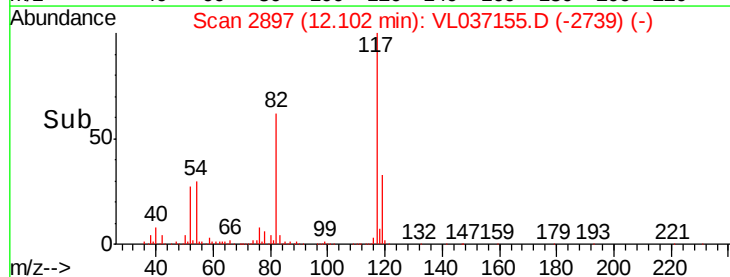
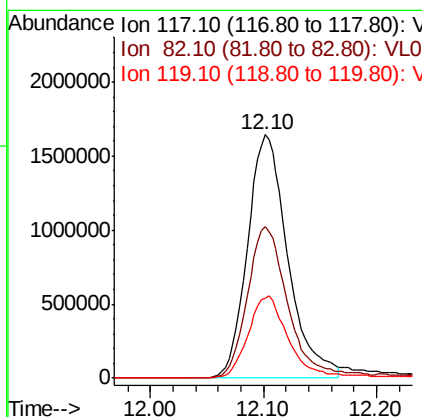
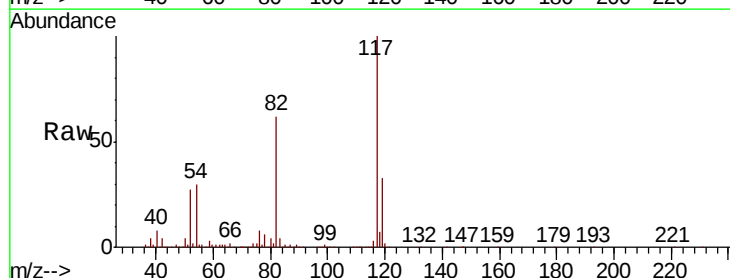
Instrument :
 MSVOA_L
 ClientSampleId :

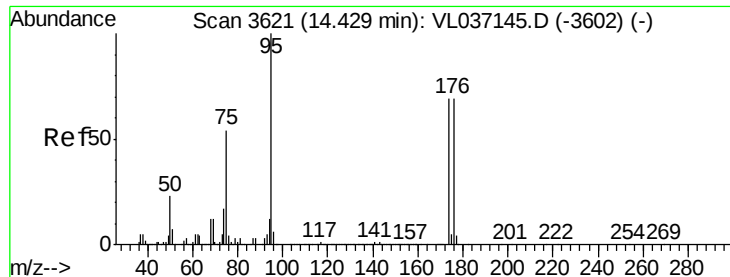
Tot Ion: 63 Resp: 1127905
 Ion Ratio Lower Upper
 63 100
 41 0.1 60.0 90.0#
 62 17.3 55.4 83.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. 0.01 min
 Lab File: VL037155.D
 Acq: 15 Jun 2021 10:58

Tgt Ion: 117 Resp: 4068619
 Ion Ratio Lower Upper
 117 100
 82 66.0 50.6 76.0
 119 35.2 27.1 40.7

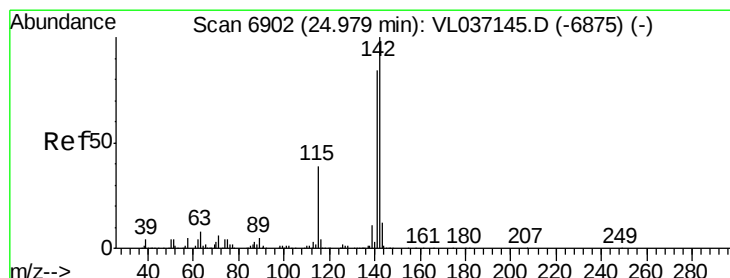
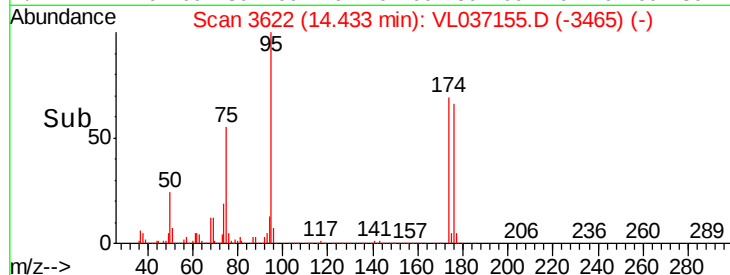
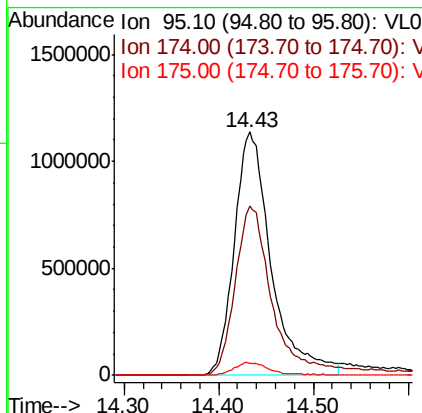
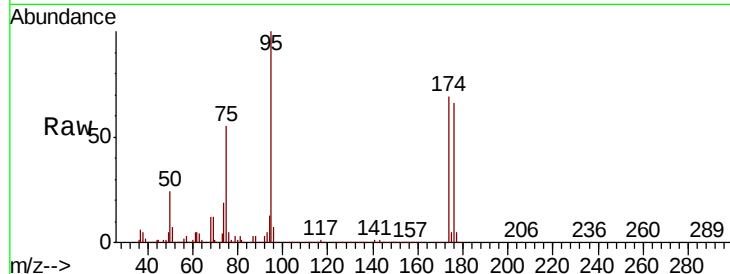




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.321 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T. 0.00 min
 Lab File: VL037155.D
 Acq: 15 Jun 2021 10:58

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 95 Resp: 3092843
 Ion Ratio Lower Upper
 95 100
 174 73.8 57.6 86.4
 175 5.5 4.4 6.6



#80
 Naphthalene, 2-methyl-
 Concen: 0.028 ppbv
 RT: 25.05 min Scan# 6925
 Delta R.T. 0.07 min
 Lab File: VL037155.D
 Acq: 15 Jun 2021 10:58

Tgt Ion: 142 Resp: 2067
 Ion Ratio Lower Upper
 142 100
 141 72.5 66.7 100.1
 115 34.1 32.2 48.2

