

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036875.D
 Acq On : 28 Apr 2021 11:17
 Operator : SY/AP
 Sample : VL0428ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 29 03:08:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1522963	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3633484	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3189402	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2520959	9.85	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

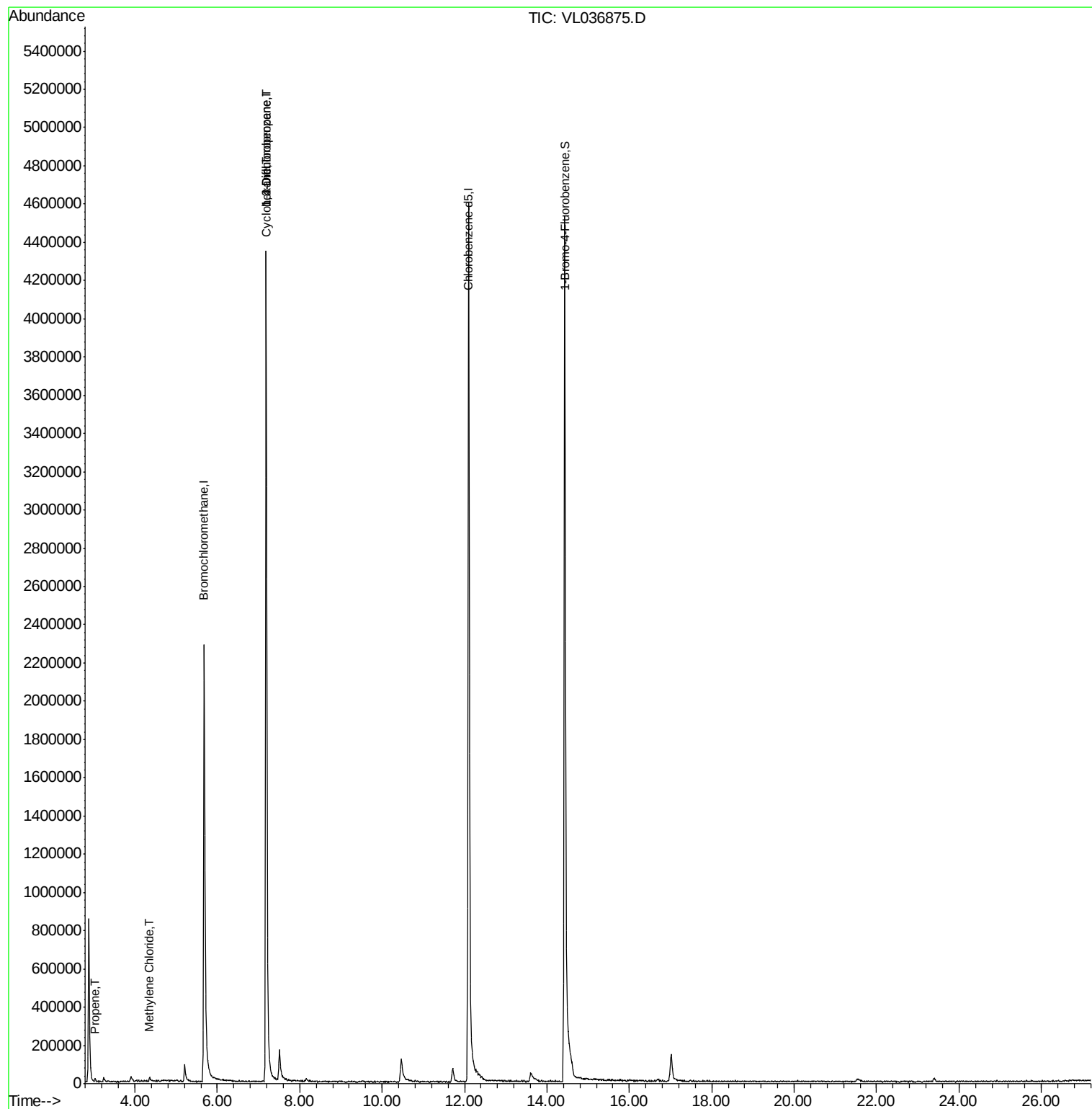
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	5973	0.071	ppbv	93
20) Methylene Chloride	4.35	84	2672	0.039	ppbv #	73
30) Cyclohexane	7.17	84	7557	0.058	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	948878	7.737	ppbv #	23

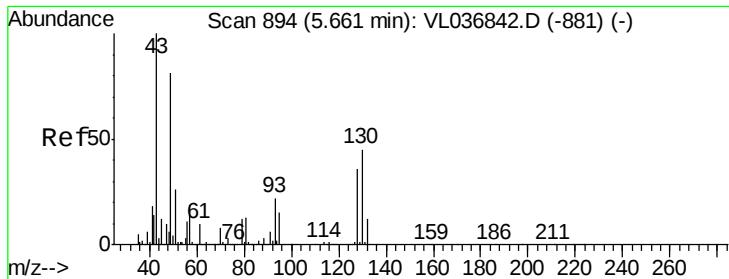
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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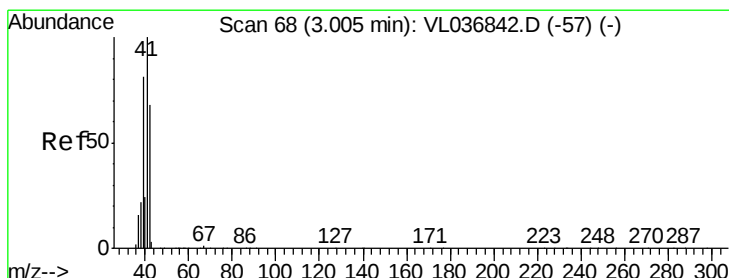
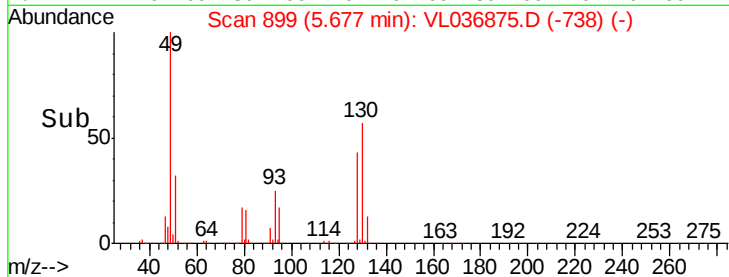
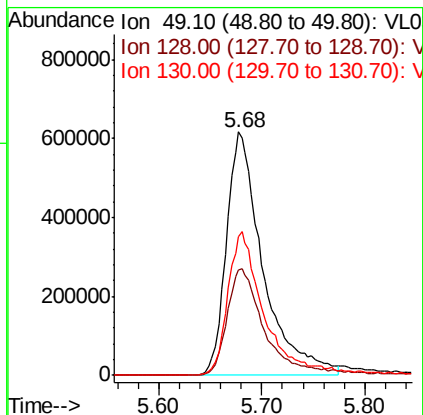
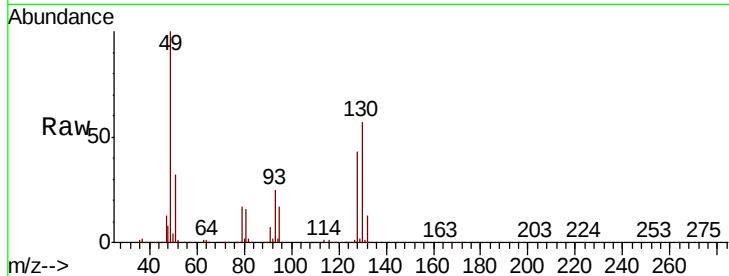


#1

Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 899
 Delta R.T. 0.02 min
 Lab File: VL036875.D
 Acq: 28 Apr 2021 11:17

Instrument :
 MSVOA_L
 ClientSampleId :

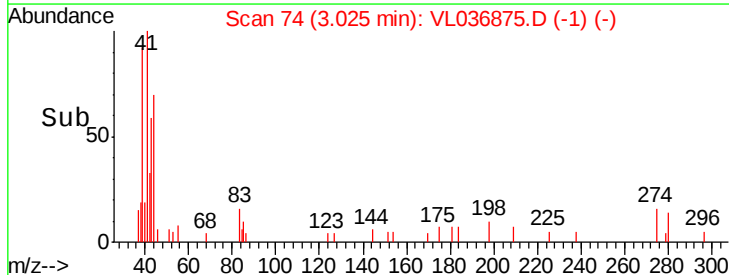
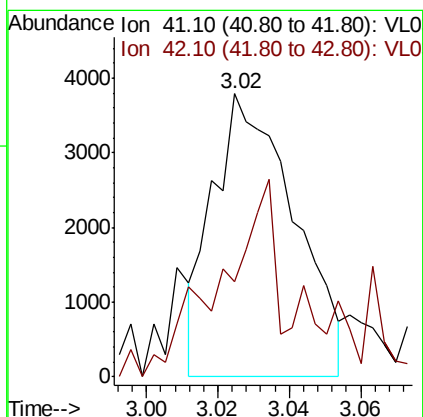
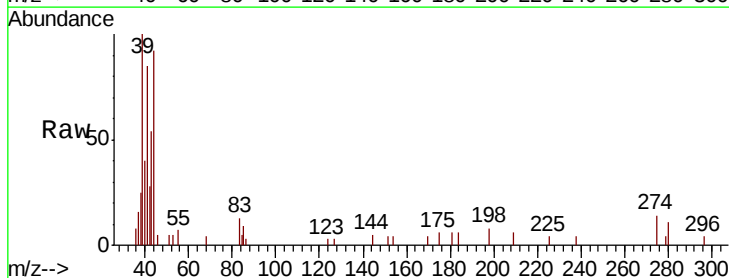
Tot Ion: 49 Resp: 1522963
 Ion Ratio Lower Upper
 49 100
 128 47.0 24.4 73.2
 130 61.0 30.3 90.8

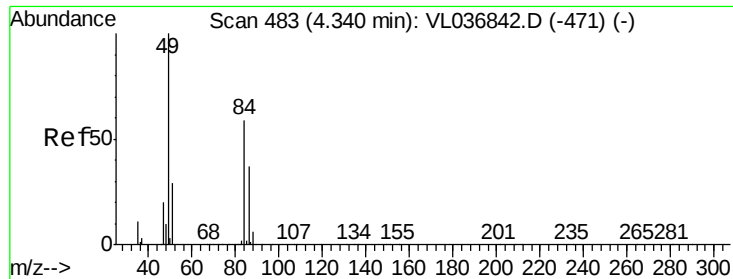


#9

Propene
 Concen: 0.071 ppbv
 RT: 3.02 min Scan# 74
 Delta R.T. 0.02 min
 Lab File: VL036875.D
 Acq: 28 Apr 2021 11:17

Tgt Ion: 41 Resp: 5973
 Ion Ratio Lower Upper
 41 100
 42 64.6 56.0 84.0

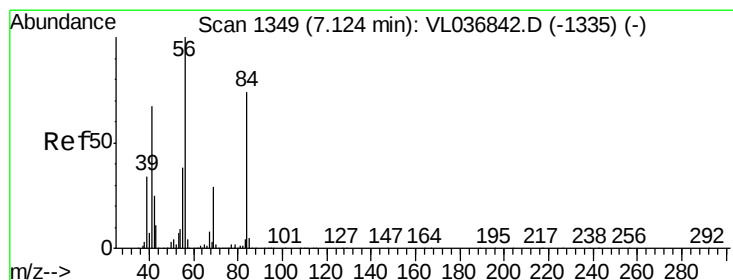
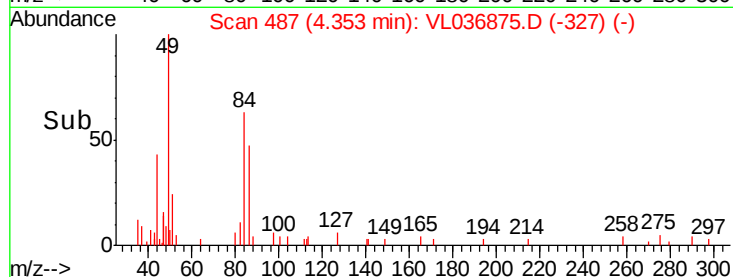
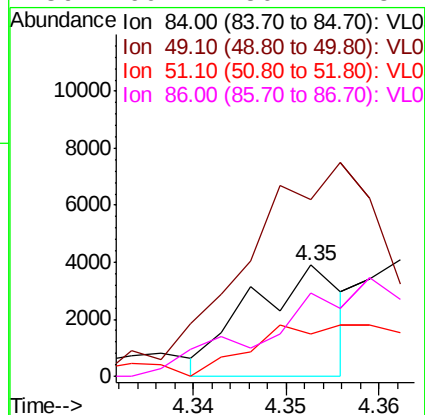
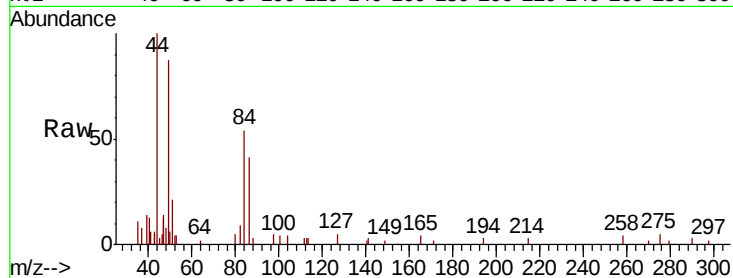




#20
Methvlene Chloride
Concen: 0.039 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036875.D
Acq: 28 Apr 2021 11:17

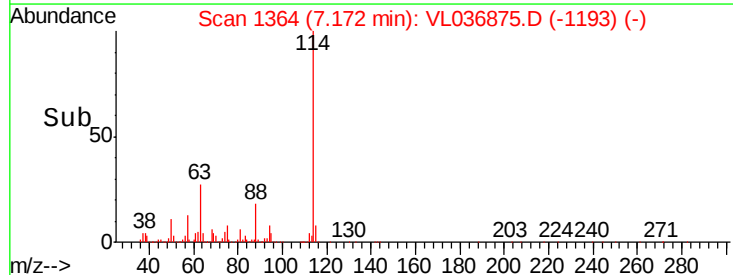
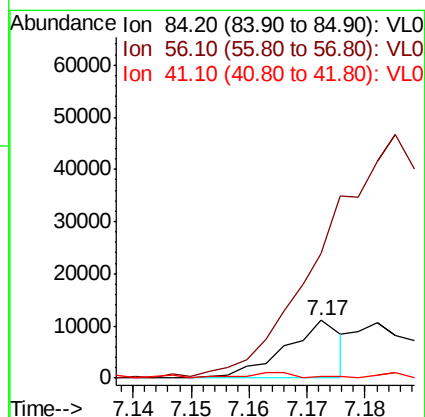
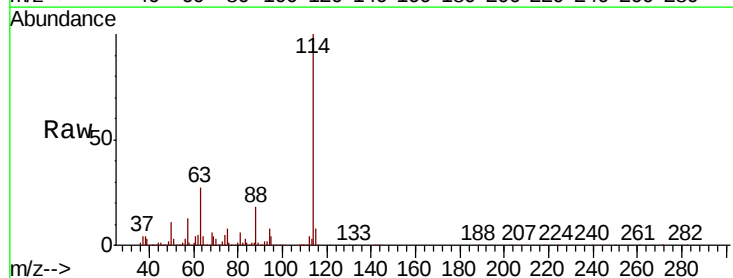
Instrument :
MSVOA_L
ClientSampleId :

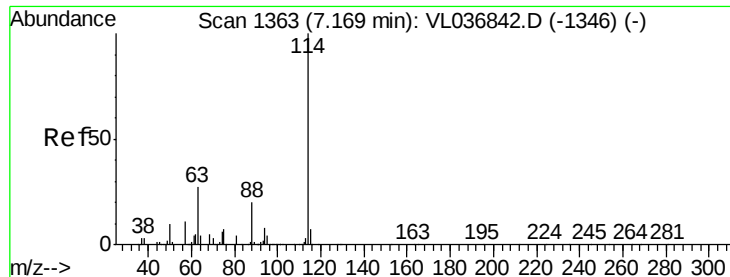
Tot Ion: 84 Resp: 2672
Ion Ratio Lower Upper
84 100
49 111.6 135.4 203.0#
51 45.3 39.3 58.9
86 60.2 50.2 75.2



#30
Cyclohexane
Concen: 0.058 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.05 min
Lab File: VL036875.D
Acq: 28 Apr 2021 11:17

Tgt Ion: 84 Resp: 7557
Ion Ratio Lower Upper
84 100
56 0.0 115.8 173.6#
41 0.0 74.6 111.8#

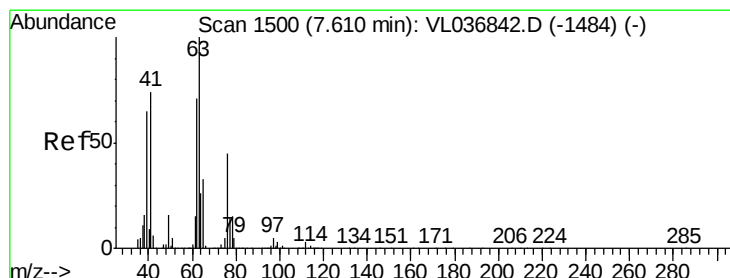
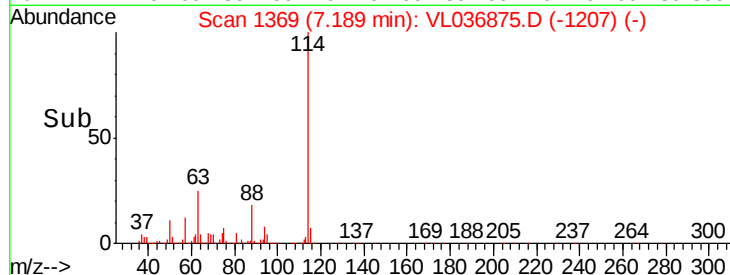
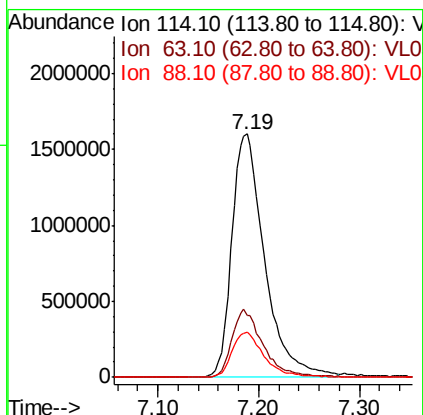
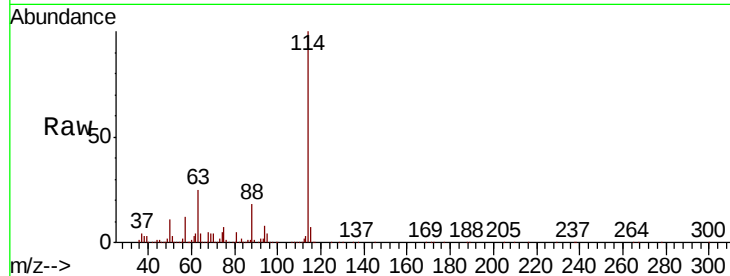




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.02 min
 Lab File: VL036875.D
 Acq: 28 Apr 2021 11:17

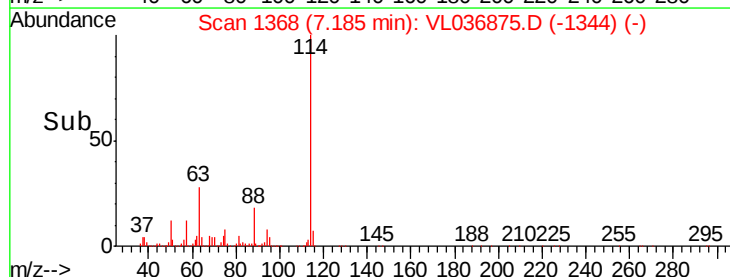
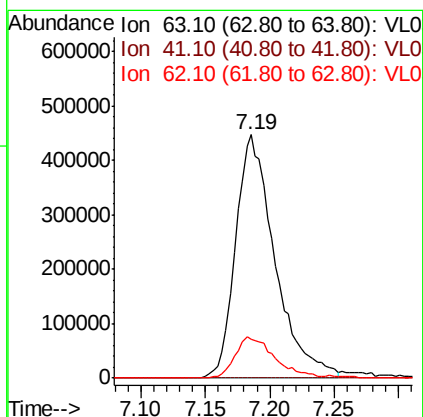
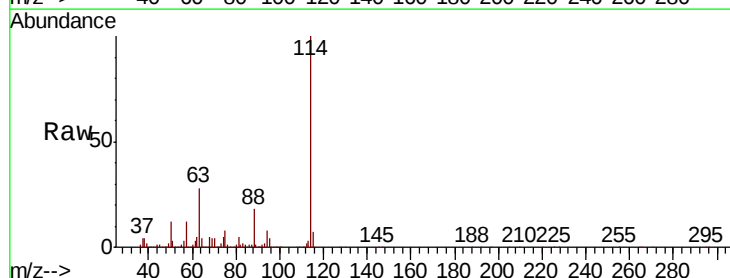
Instrument :
 MSVOA_L
 ClientSampleId :

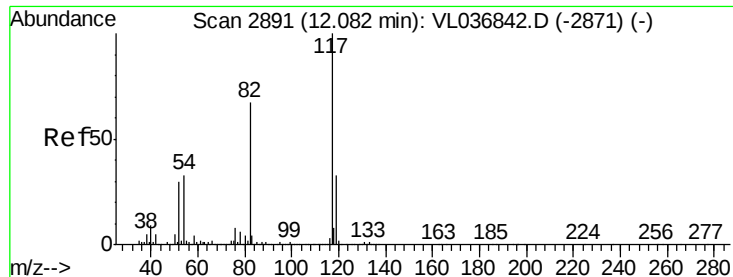
Tot Ion:114 Resp: 3633484
 Ion Ratio Lower Upper
 114 100
 63 27.0 21.9 32.9
 88 18.5 15.1 22.7



#39
 1,2-Dichloropropane
 Concen: 7.737 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.42 min
 Lab File: VL036875.D
 Acq: 28 Apr 2021 11:17

Tgt Ion: 63 Resp: 948878
 Ion Ratio Lower Upper
 63 100
 41 0.1 59.1 88.7#
 62 16.0 56.9 85.3#

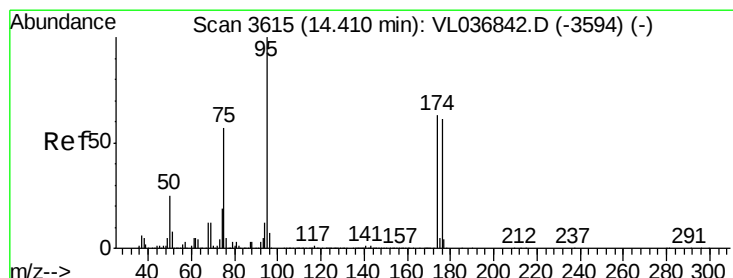
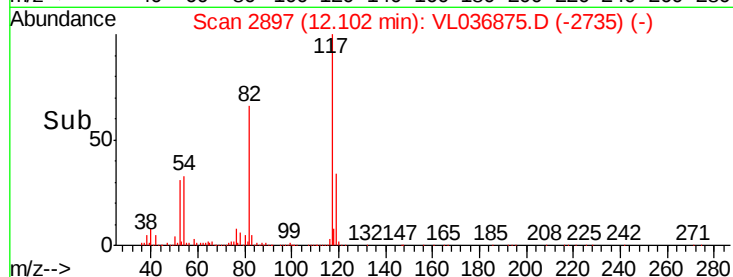
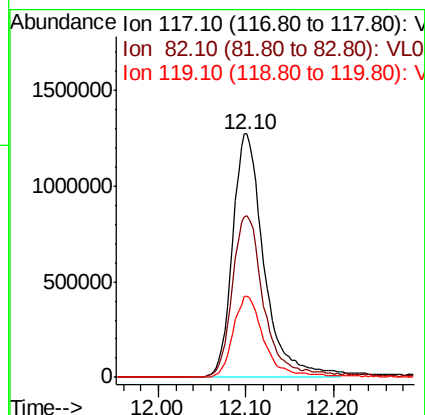
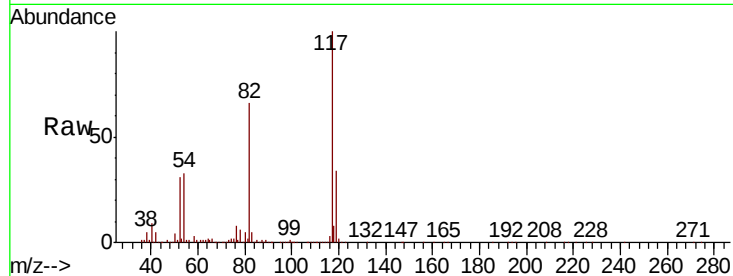




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.02 min
Lab File: VL036875.D
Acq: 28 Apr 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3189402
Ion Ratio Lower Upper
117 100
82 69.4 53.5 80.3
119 33.6 25.6 38.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.846 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.02 min
Lab File: VL036875.D
Acq: 28 Apr 2021 11:17

Tgt Ion: 95 Resp: 2520959
Ion Ratio Lower Upper
95 100
174 66.6 52.2 78.2
175 4.8 4.0 6.0

