

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092321\
 Data File : VL037666.D
 Acq On : 23 Sep 2021 17:16
 Operator : SY/AP
 Sample : CAN 10606
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 24 06:36:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1446165	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4542476	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3873184	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2849559	10.18	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

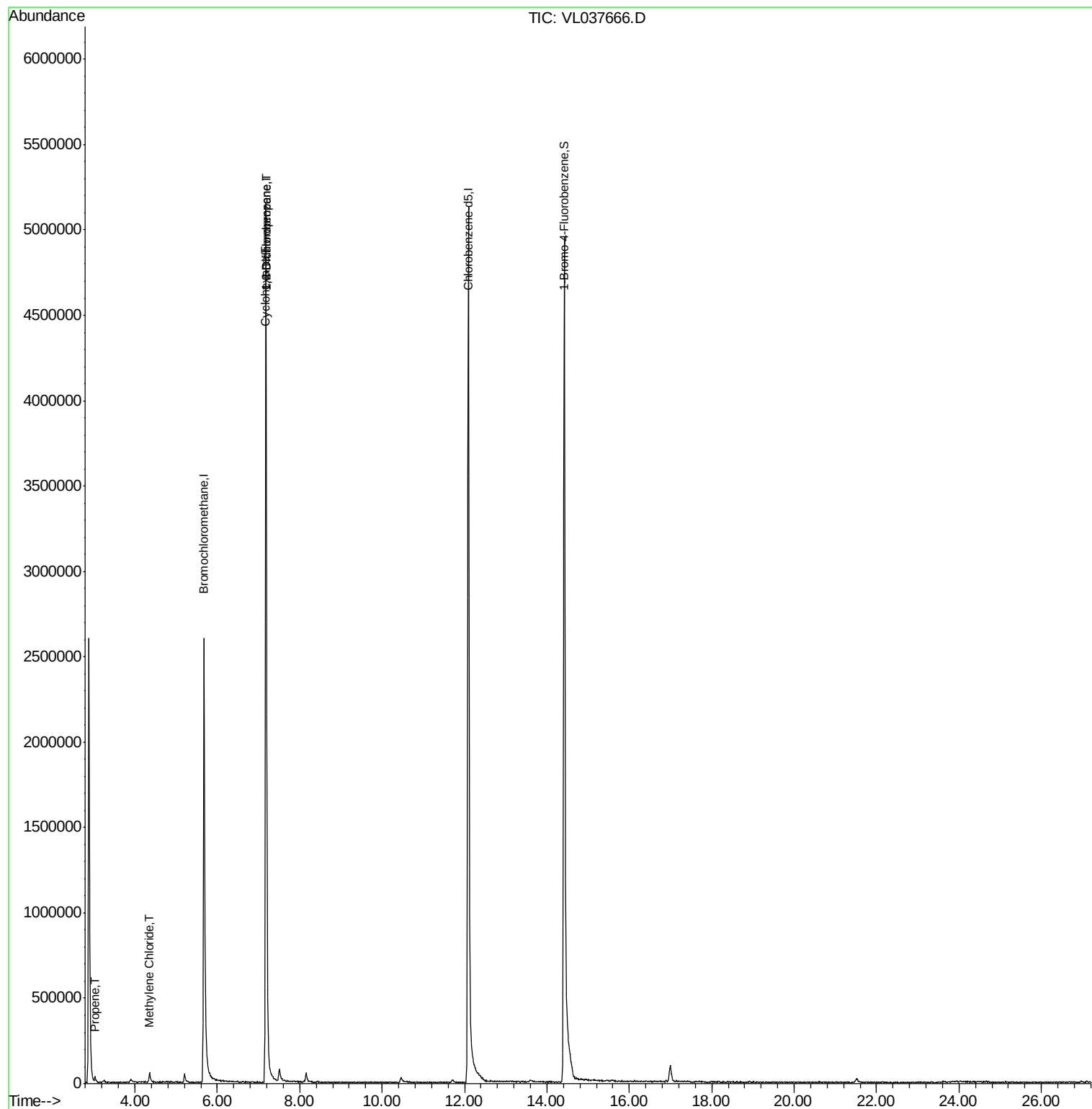
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3663	0.038	ppbv #	14
20) Methylene Chloride	4.35	84	22072	0.308	ppbv	87
30) Cyclohexane	7.16	84	5138	0.035	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	1066000	7.348	ppbv #	28

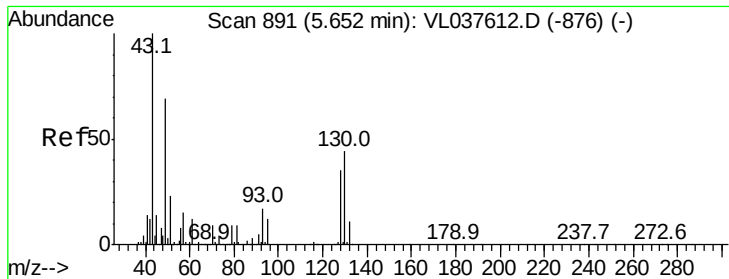
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.02 min

Lab File: VL037666.D

Acq: 23 Sep 2021 17:16

Instrument :

MSVOA_L

ClientSampleId :

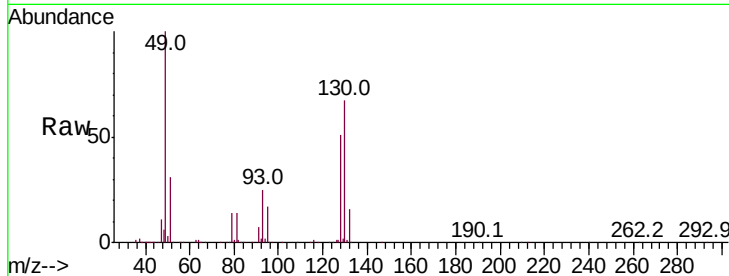
Tot Ion: 49 Resp: 1446165

Ion Ratio Lower Upper

49 100

128 57.8 27.9 83.6

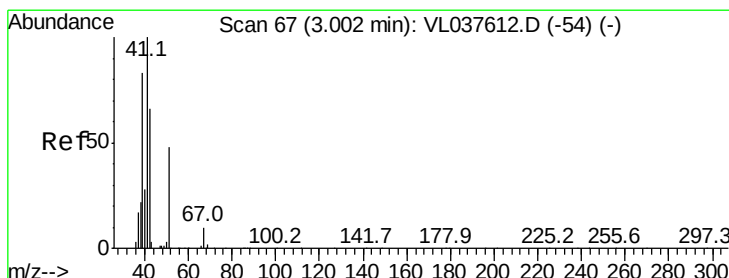
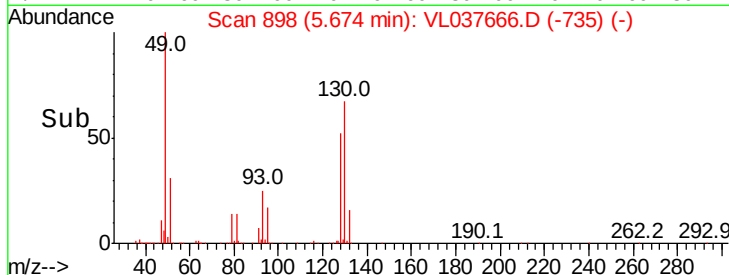
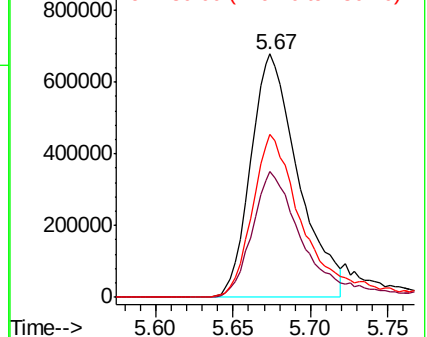
130 75.2 33.9 101.7



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: 0.038 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL037666.D

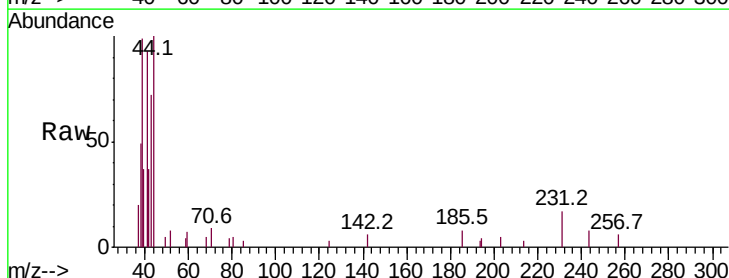
Acq: 23 Sep 2021 17:16

Tgt Ion: 41 Resp: 3663

Ion Ratio Lower Upper

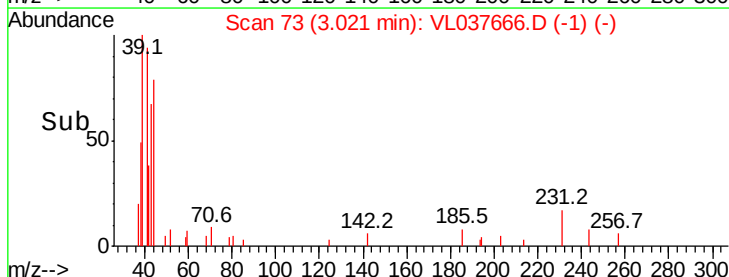
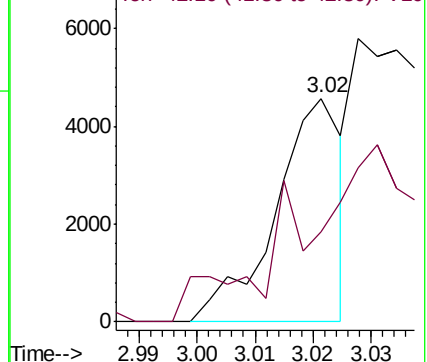
41 100

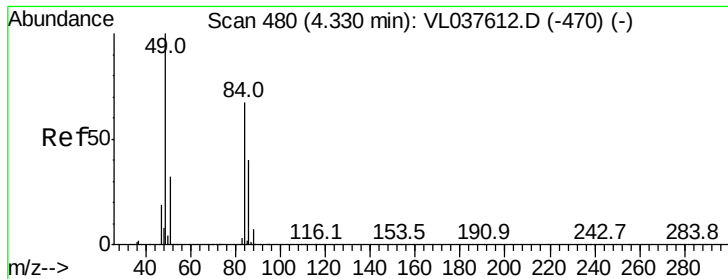
42 0.0 57.2 85.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

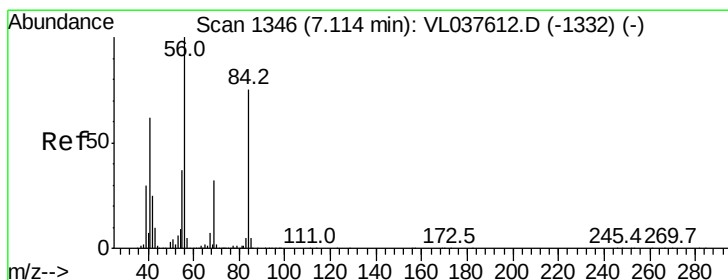
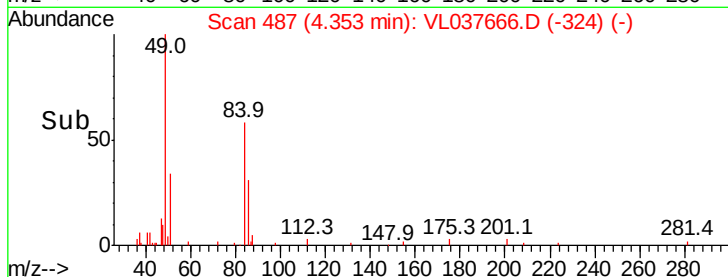
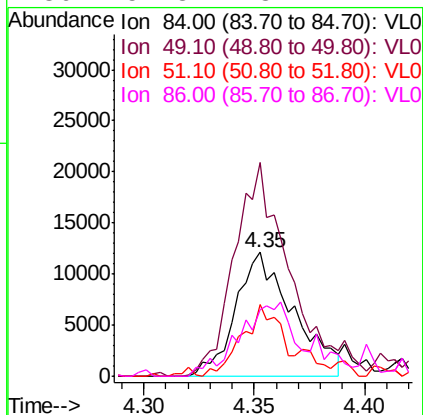
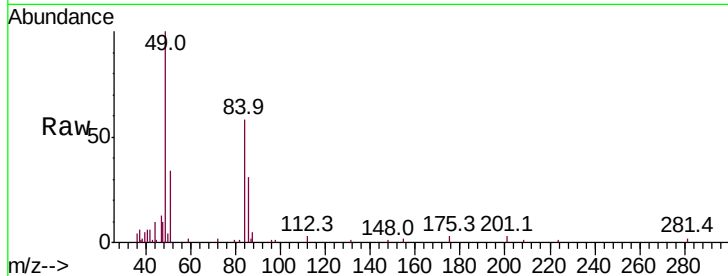




#20
Methylene Chloride
Concen: 0.308 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL037666.D
Acq: 23 Sep 2021 17:16

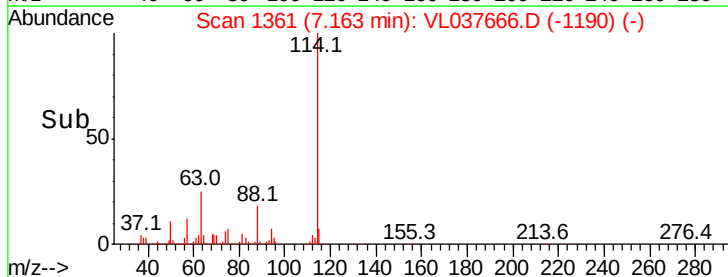
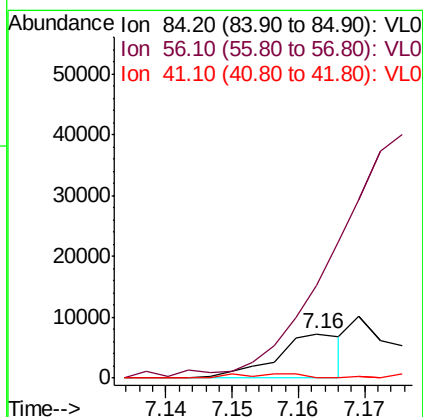
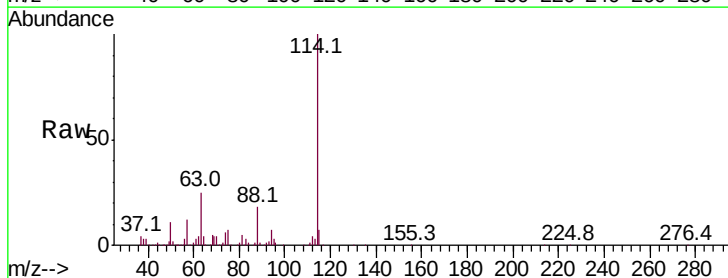
Instrument :
MSVOA_L
ClientSampleId :

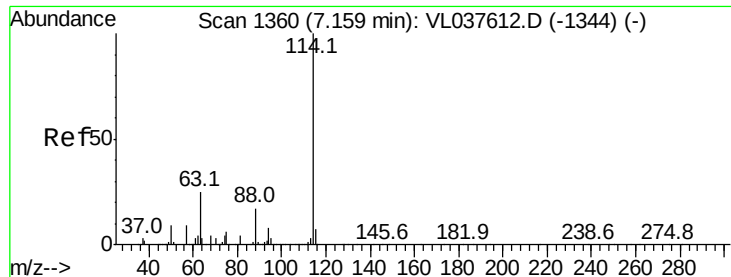
Tot Ion:	84	Resp:	22072
Ion	Ratio	Lower	Upper
84	100		
49	171.2	120.0	180.0
51	51.0	38.0	57.0
86	54.3	48.2	72.2



#30
Cyclohexane
Concen: 0.035 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.05 min
Lab File: VL037666.D
Acq: 23 Sep 2021 17:16

Tgt Ion:	84	Resp:	5138
Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.6	170.4#
41	0.0	67.9	101.9#

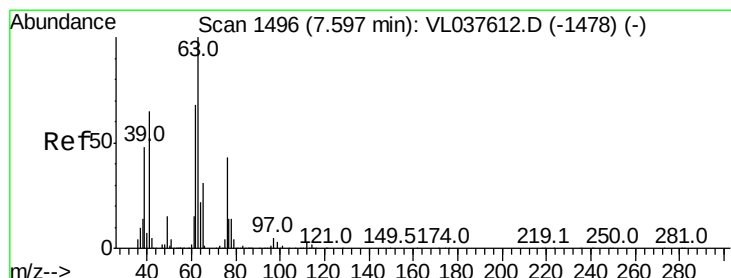
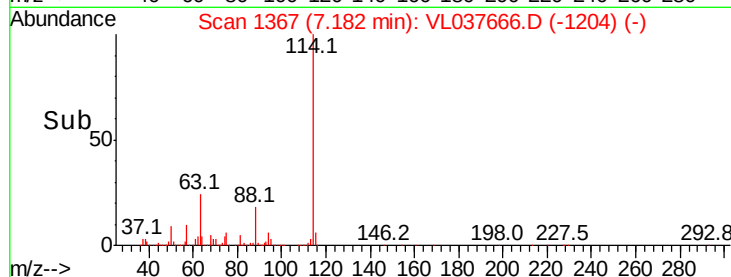
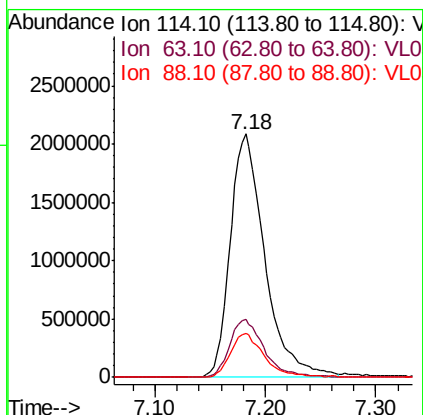
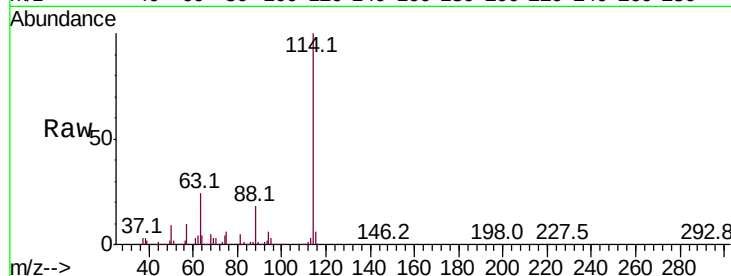




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.02 min
 Lab File: VL037666.D
 Acq: 23 Sep 2021 17:16

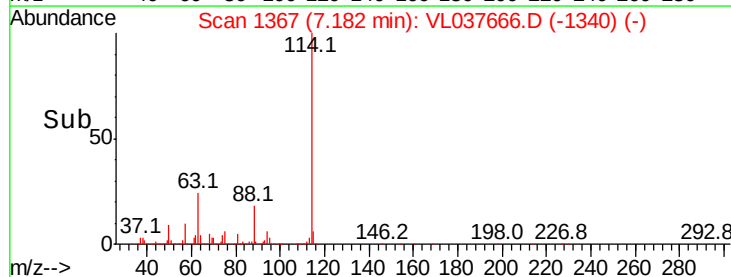
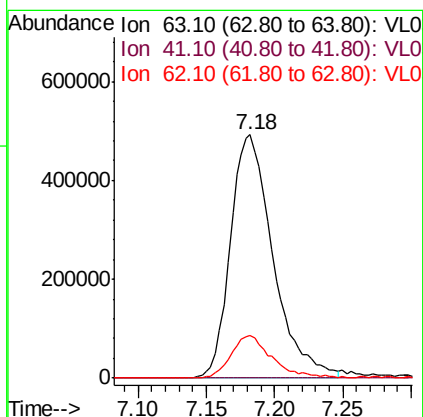
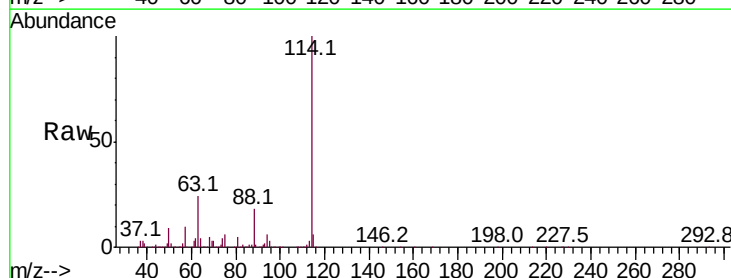
Instrument :
 MSVOA_L
 ClientSampleId :

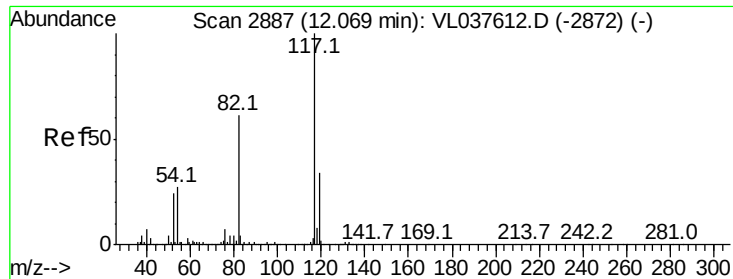
Tot Ion:114 Resp: 4542476
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.6 29.4
 88 17.9 14.2 21.4



#39
 1,2-Dichloropropane
 Concen: 7.348 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.41 min
 Lab File: VL037666.D
 Acq: 23 Sep 2021 17:16

Tgt Ion: 63 Resp: 1066000
 Ion Ratio Lower Upper
 63 100
 41 0.0 51.6 77.4#
 62 17.3 54.6 81.8#

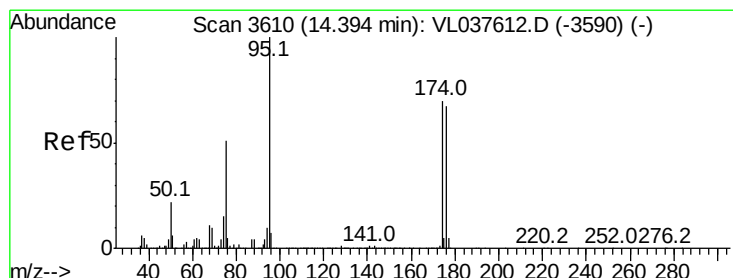
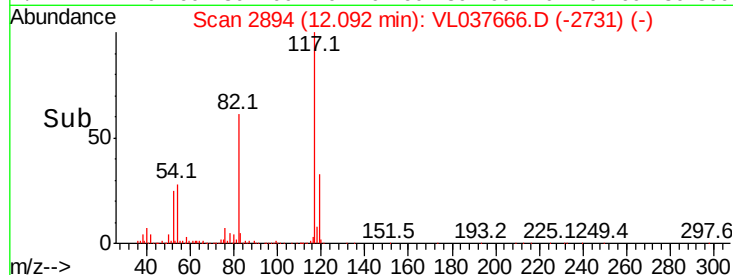
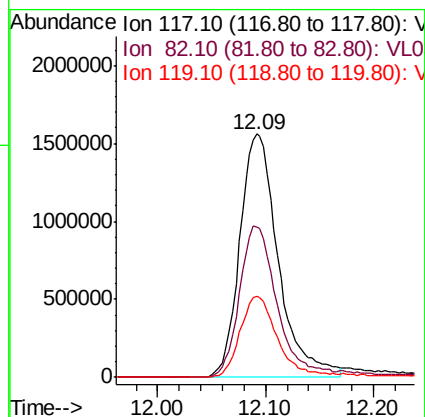
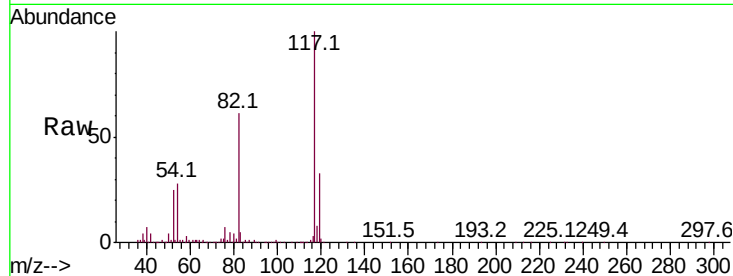




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.02 min
Lab File: VL037666.D
Acq: 23 Sep 2021 17:16

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3873184
Ion Ratio Lower Upper
117 100
82 65.0 50.6 75.8
119 34.4 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.180 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.03 min
Lab File: VL037666.D
Acq: 23 Sep 2021 17:16

Tgt Ion: 95 Resp: 2849559
Ion Ratio Lower Upper
95 100
174 74.0 56.3 84.5
175 5.7 4.4 6.6

