

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090321\
 Data File : VL037532.D
 Acq On : 3 Sep 2021 22:00
 Operator : SY/AP
 Sample : CAN 10599
 Misc : 400mL/MSVOA L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10599

Quant Time: Sep 04 04:22:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1599145	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4735038	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	4135648	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3065141	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

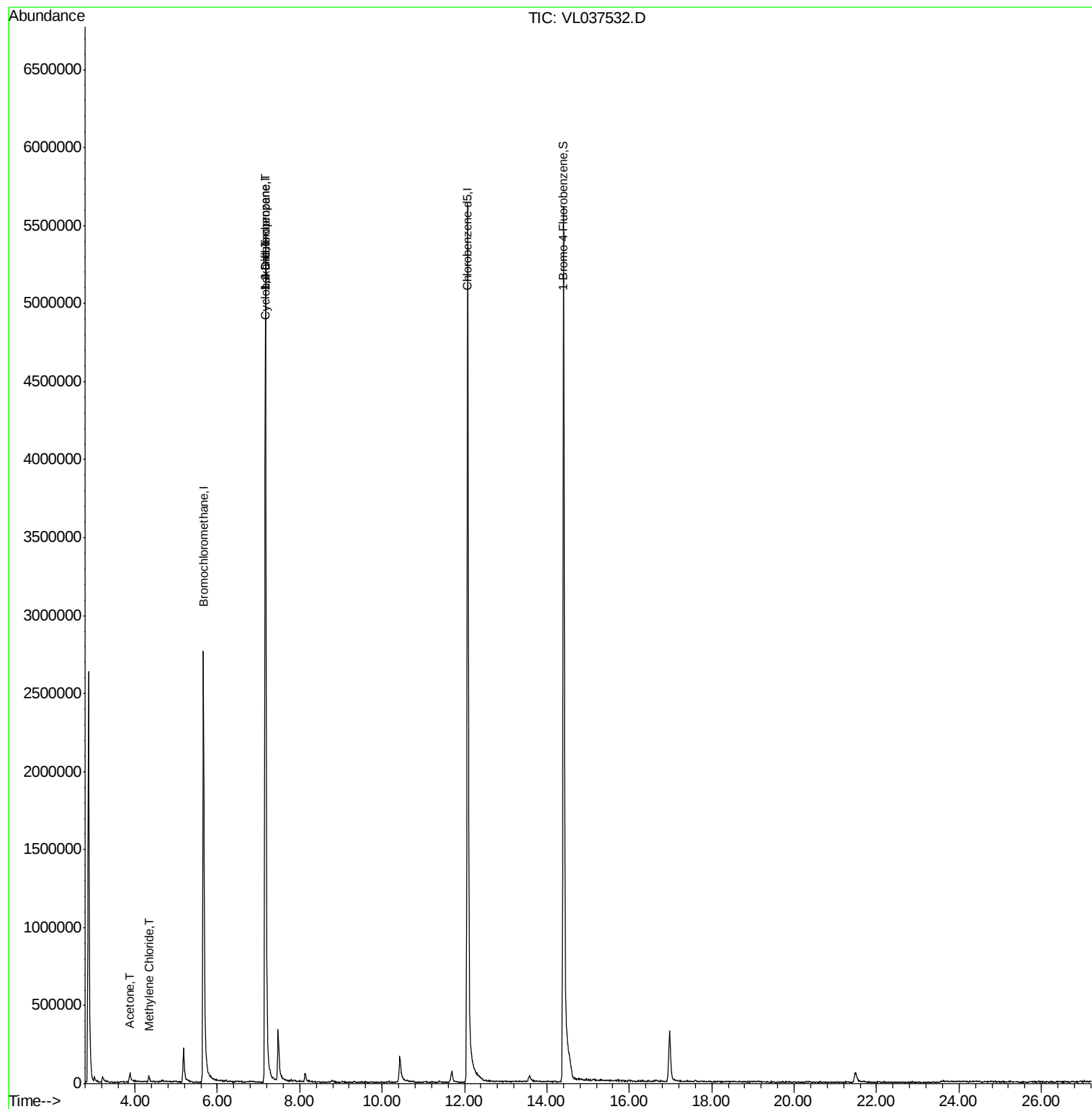
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	18489	0.114	ppbv #	44
20) Methylene Chloride	4.34	84	5207	0.064	ppbv #	70
30) Cyclohexane	7.15	84	7717	0.046	ppbv #	1
39) 1,2-Dichloropropane	7.16	63	1117160	7.304	ppbv #	27

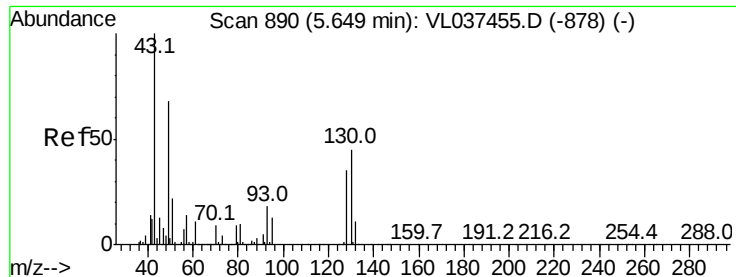
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

CAN 10599

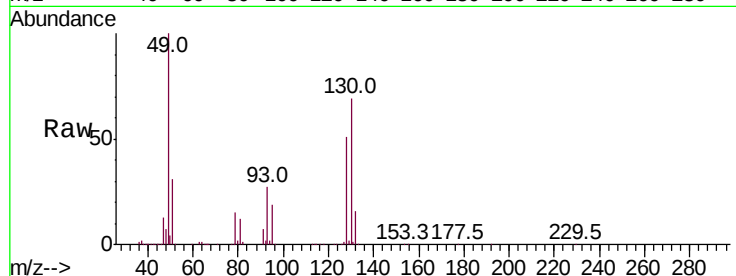
Tot Ion: 49 Resp: 1599145

Ion Ratio Lower Upper

49 100

128 54.6 27.5 82.4

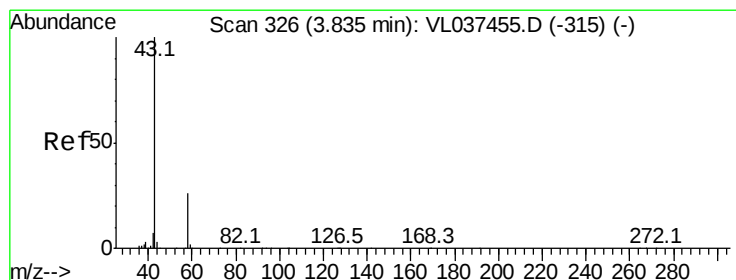
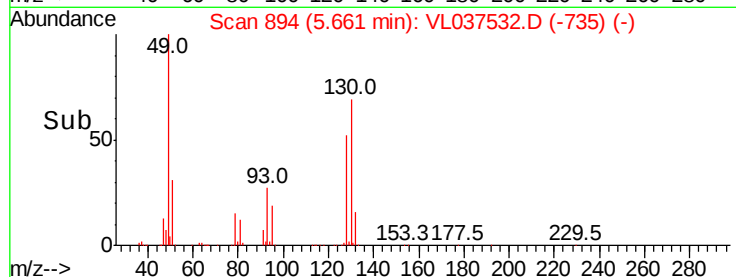
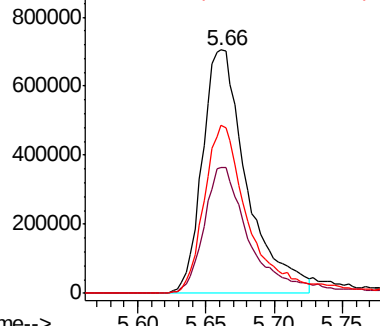
130 71.5 34.0 101.8



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: 0.114 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.03 min

Lab File: VL037532.D

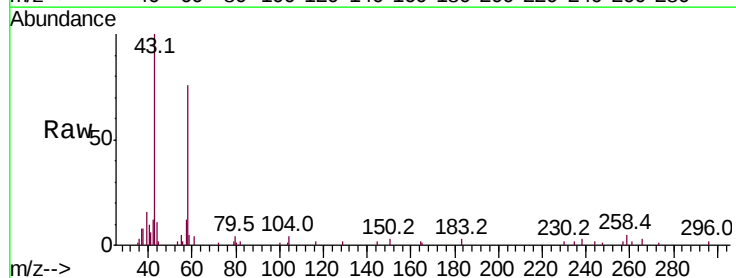
Acq: 3 Sep 2021 22:00

Tgt Ion: 43 Resp: 18489

Ion Ratio Lower Upper

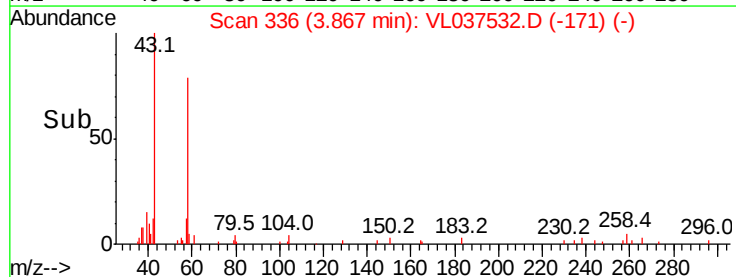
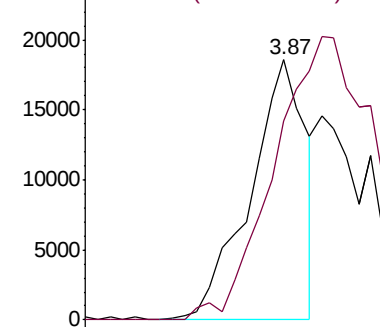
43 100

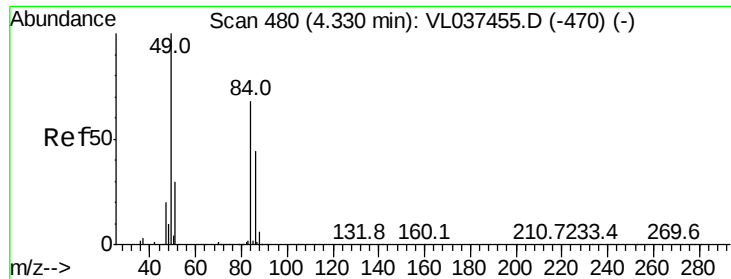
58 0.0 24.8 37.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

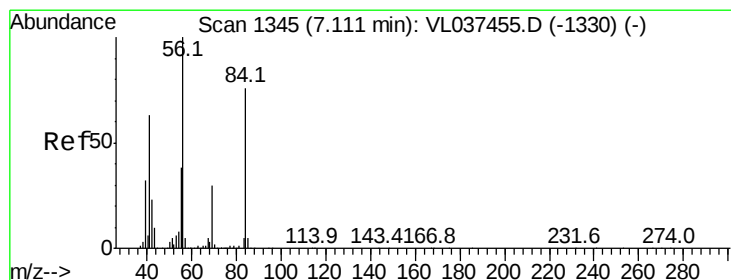
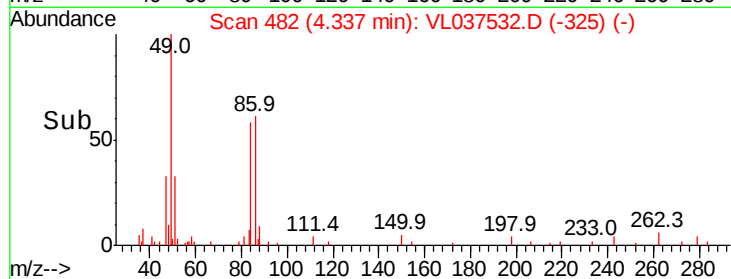
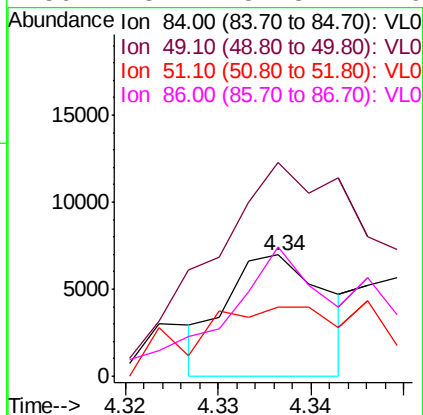
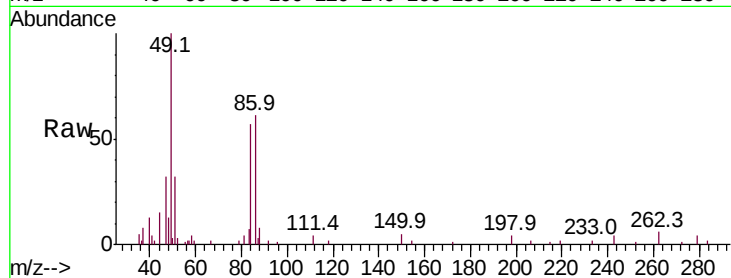




#20
Methvlene Chloride
Concen: 0.064 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.01 min
Lab File: VL037532.D
Acq: 3 Sep 2021 22:00

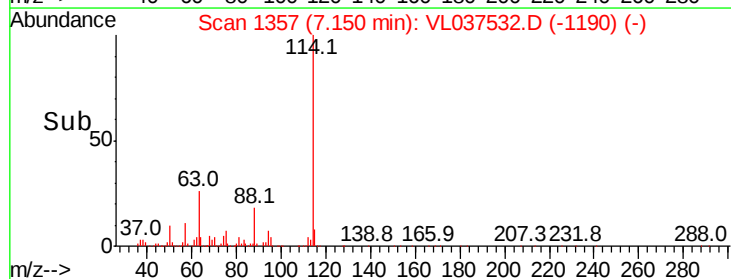
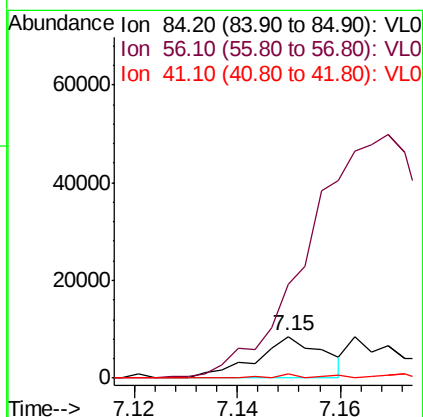
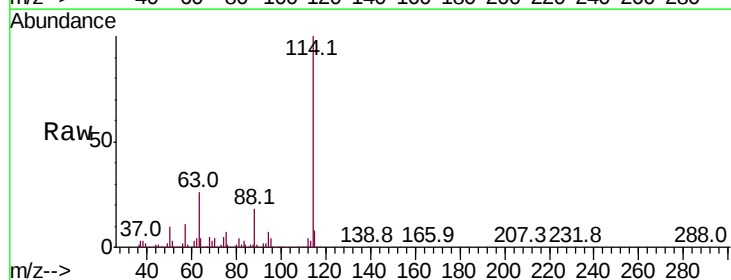
Instrument :
MSVOA_L
ClientSampleId :
CAN 10599

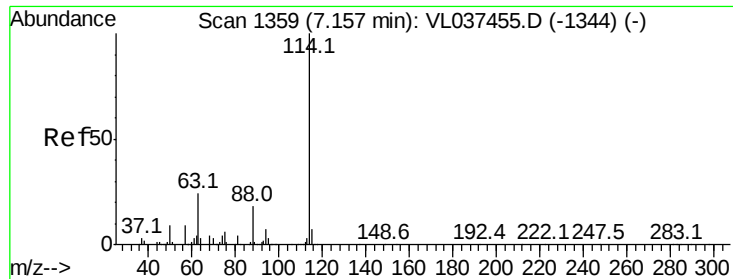
Tot Ion: 84 Resp: 5207
Ion Ratio Lower Upper
84 100
49 154.7 118.2 177.2
51 68.7 36.6 55.0#
86 128.7 51.8 77.6#



#30
Cyclohexane
Concen: 0.046 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.04 min
Lab File: VL037532.D
Acq: 3 Sep 2021 22:00

Tgt Ion: 84 Resp: 7717
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 67.0 100.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. 0.01 min

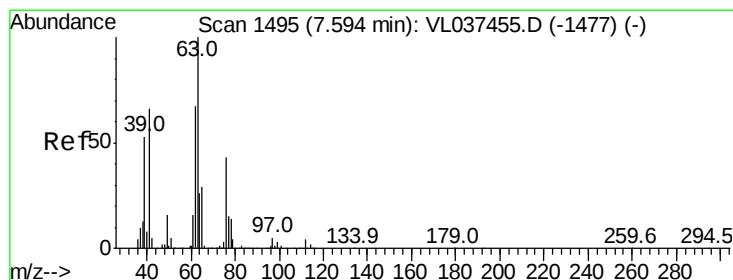
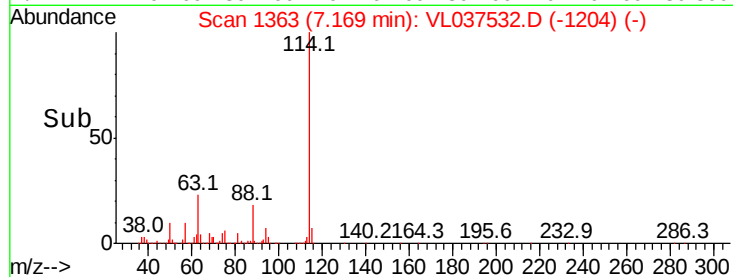
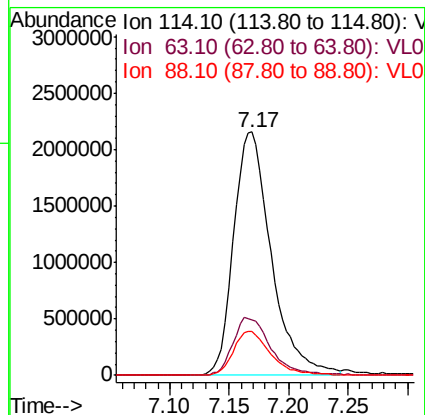
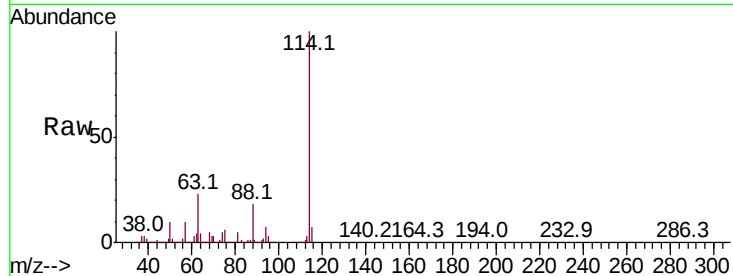
Lab File: VL037532.D

Acq: 3 Sep 2021 22:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10599

Tot Ion:114 Resp: 4735038

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.3	28.9
88	18.3	14.2	21.4



#39

1,2-Dichloropropane

Concen: 7.304 ppbv

RT: 7.16 min Scan# 1361

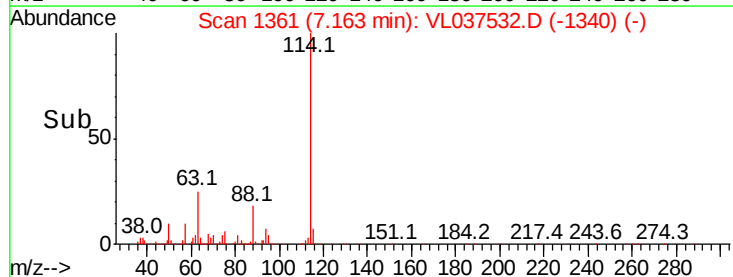
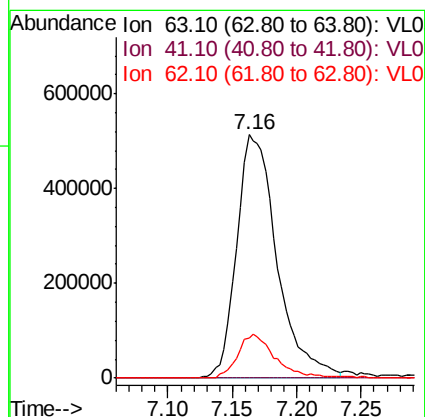
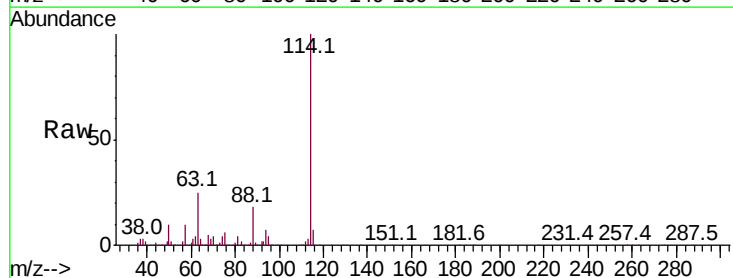
Delta R.T. -0.43 min

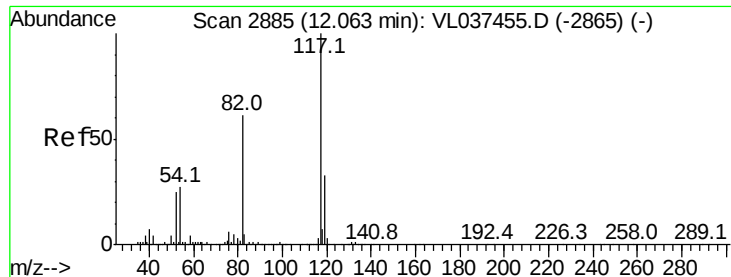
Lab File: VL037532.D

Acq: 3 Sep 2021 22:00

Tgt Ion: 63 Resp: 1117160

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	16.4	53.6	80.4#

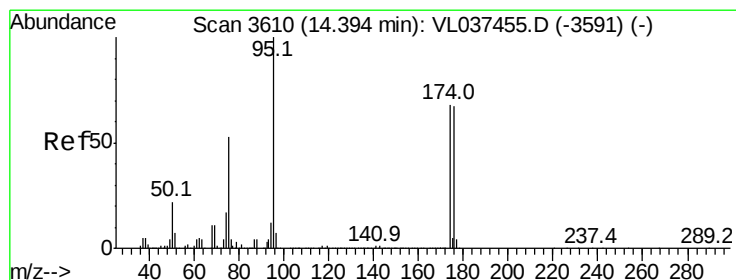
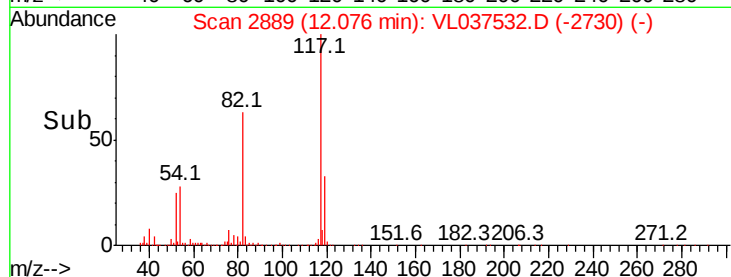
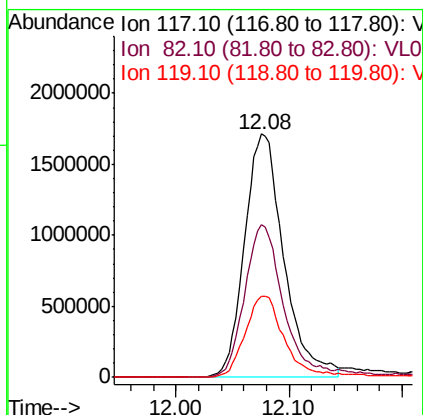
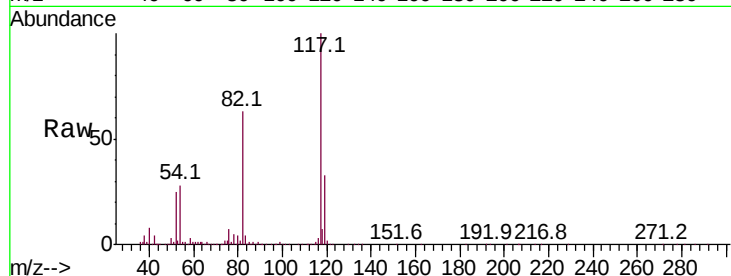




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.01 min
Lab File: VL037532.D
Acq: 3 Sep 2021 22:00

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Tot Ion:117 Resp: 4135648
Ion Ratio Lower Upper
117 100
82 66.5 52.9 79.3
119 34.6 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.432 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.01 min
Lab File: VL037532.D
Acq: 3 Sep 2021 22:00

Tgt Ion: 95 Resp: 3065141
Ion Ratio Lower Upper
95 100
174 75.1 59.6 89.4
175 5.5 4.6 7.0

