

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090321\
 Data File : VL037530.D
 Acq On : 3 Sep 2021 20:43
 Operator : SY/AP
 Sample : CAN 10294
 Misc : 400mL/MSVOA L
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10294

Quant Time: Sep 04 04:22:41 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	1670483	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4932645	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4303845	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3099464	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

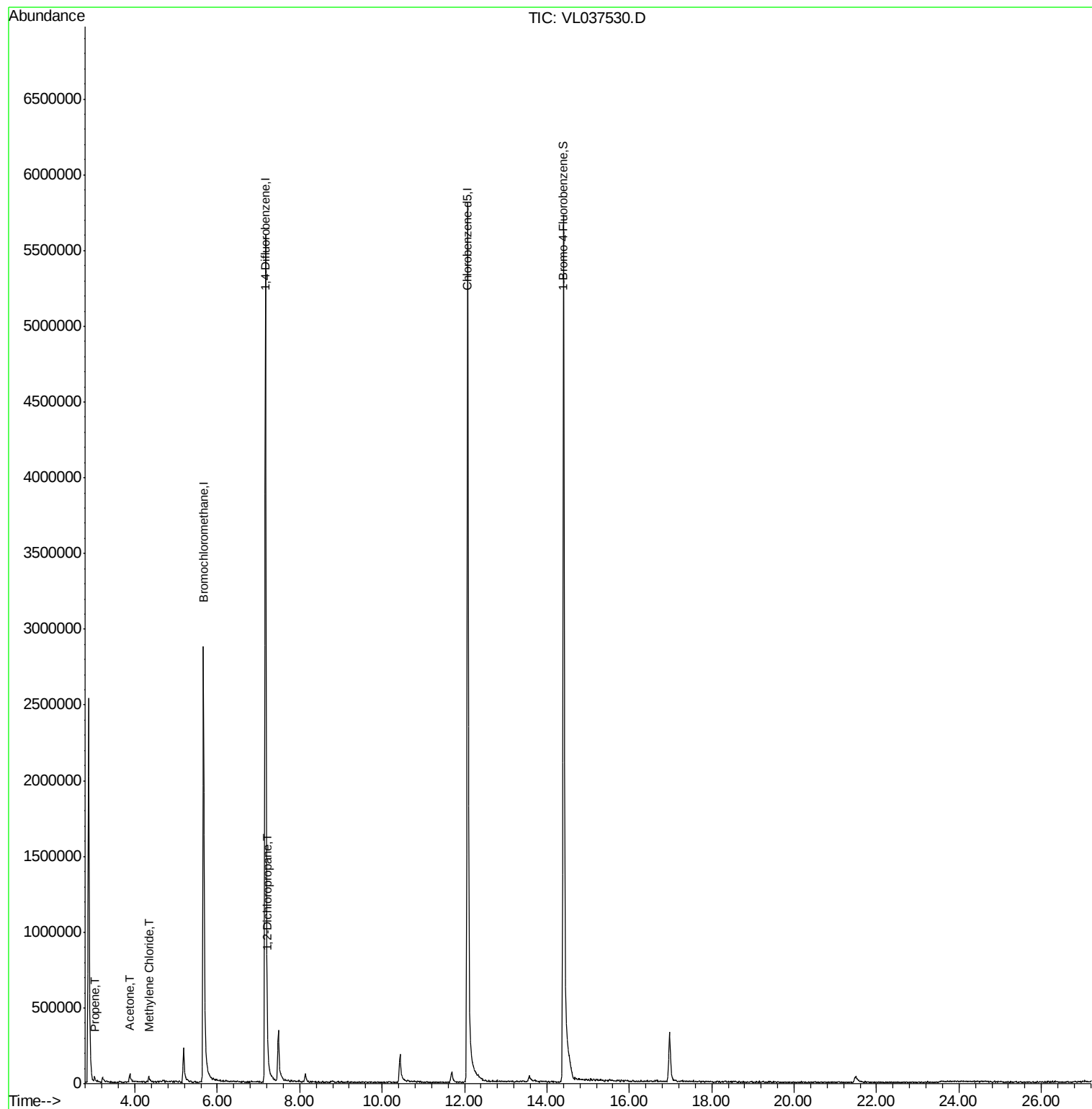
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	8942	0.078	ppbv	87
15) Acetone	3.86	43	9909	0.058	ppbv #	44
20) Methylene Chloride	4.35	84	4266	0.050	ppbv #	65
39) 1,2-Dichloropropane	7.22	63	22503	0.141	ppbv #	25

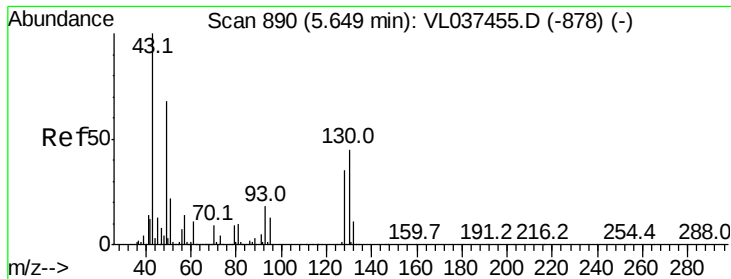
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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ClientSampleId :

CAN 10294

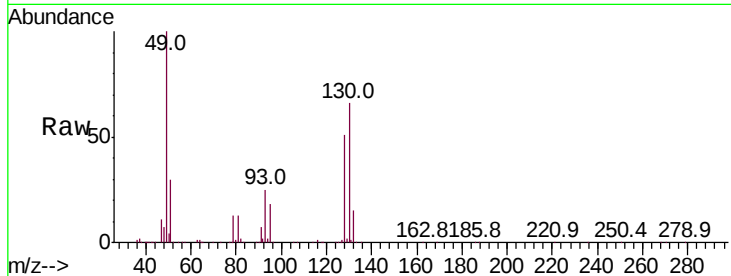
Tot Ion: 49 Resp: 1670483

Ion Ratio Lower Upper

49 100

128 53.0 27.5 82.4

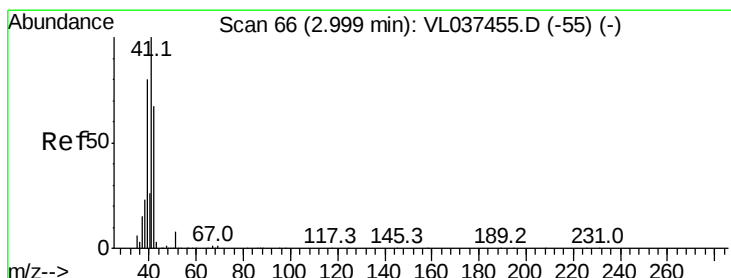
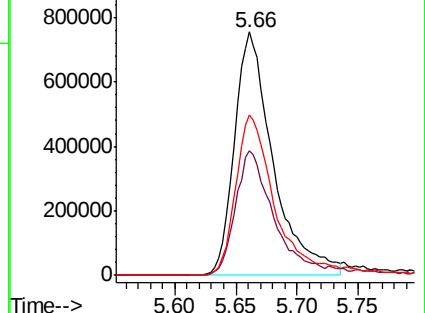
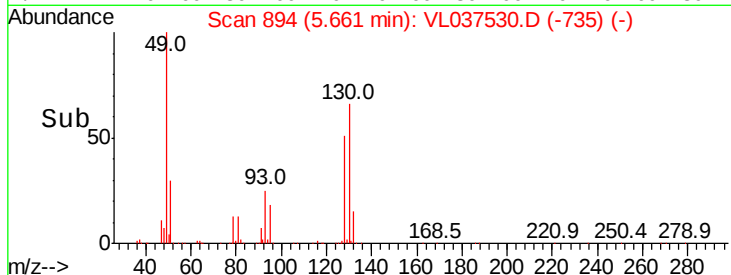
130 69.8 34.0 101.8



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



#9

Propene

Concen: 0.078 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL037530.D

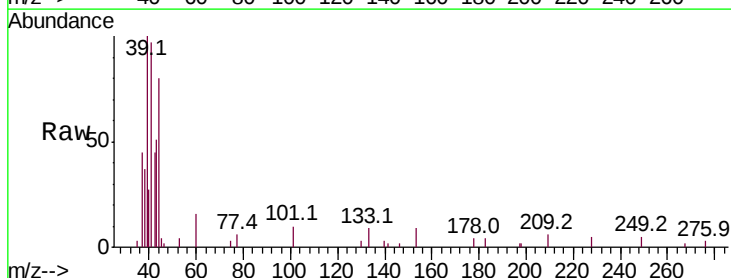
Acq: 3 Sep 2021 20:43

Tgt Ion: 41 Resp: 8942

Ion Ratio Lower Upper

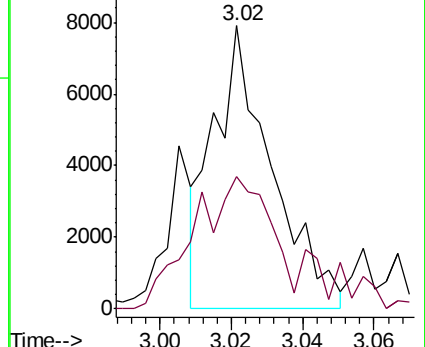
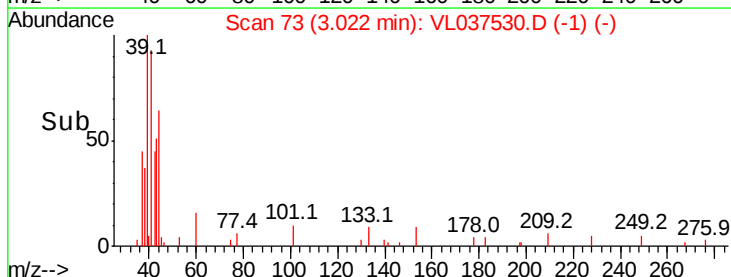
41 100

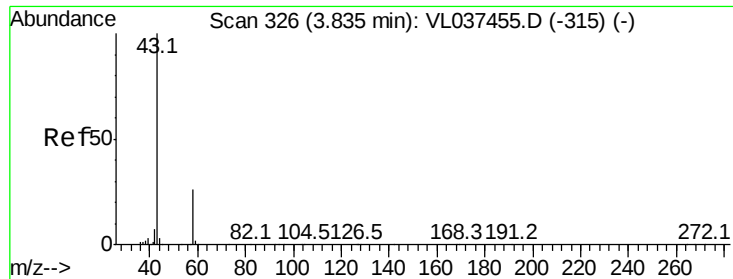
42 77.7 53.7 80.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

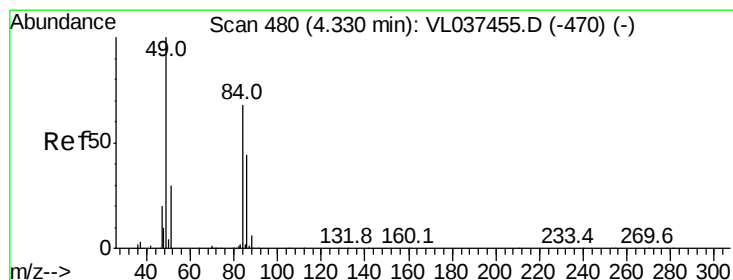
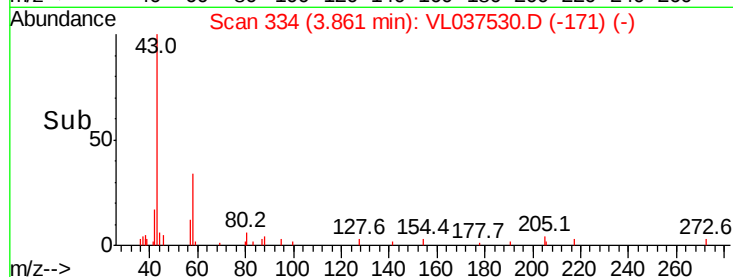
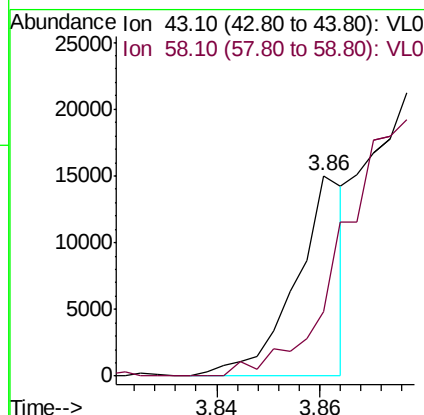
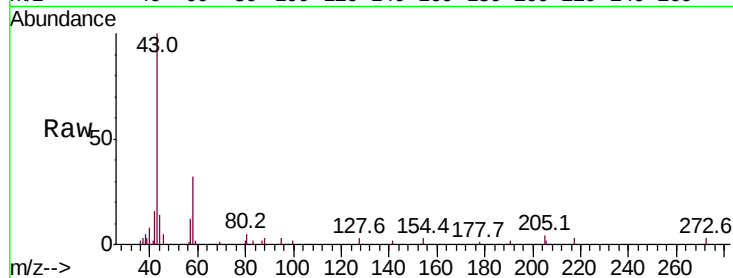




#15
Acetone
Concen: 0.058 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.03 min
Lab File: VL037530.D
Acq: 3 Sep 2021 20:43

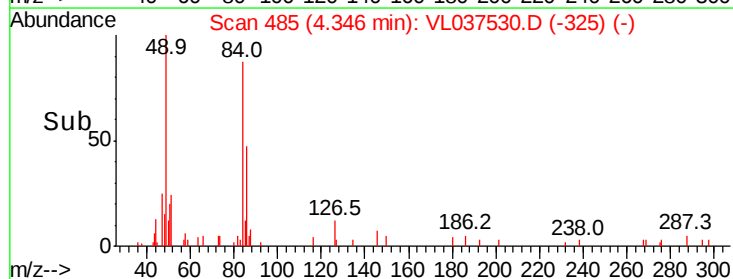
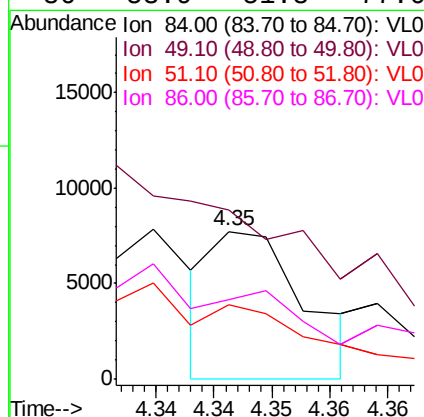
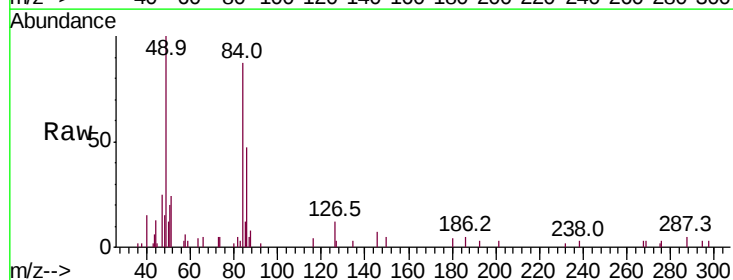
Instrument :
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CAN 10294

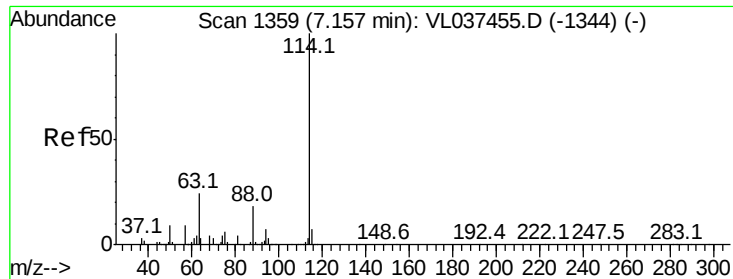
Tot Ion: 43 Resp: 9909
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: 0.050 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037530.D
Acq: 3 Sep 2021 20:43

Tgt Ion: 84 Resp: 4266
Ion Ratio Lower Upper
84 100
49 79.4 118.2 177.2#
51 48.0 36.6 55.0
86 53.9 51.8 77.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. 0.01 min

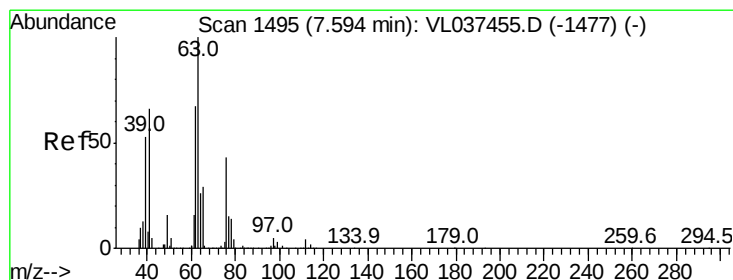
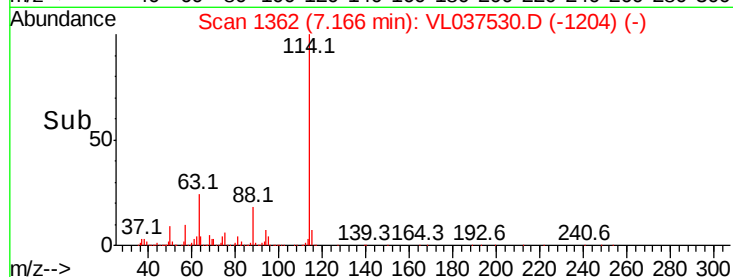
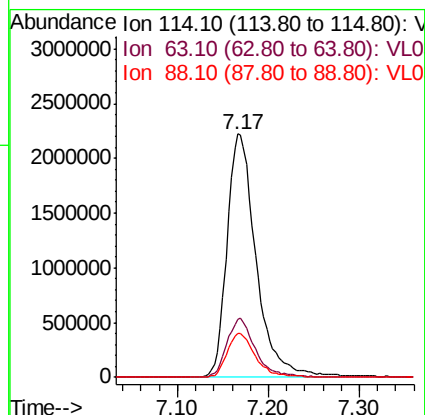
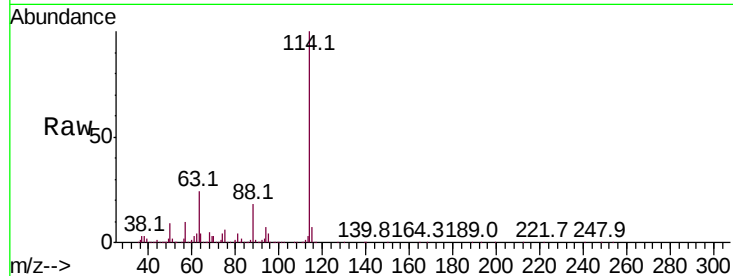
Lab File: VL037530.D

Acq: 3 Sep 2021 20:43

Instrument :
MSVOA_L
ClientSampleId :
CAN 10294

Tot Ion:114 Resp: 4932645

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.3	28.9
88	17.9	14.2	21.4



#39

1,2-Dichloropropane

Concen: 0.141 ppbv

RT: 7.22 min Scan# 1378

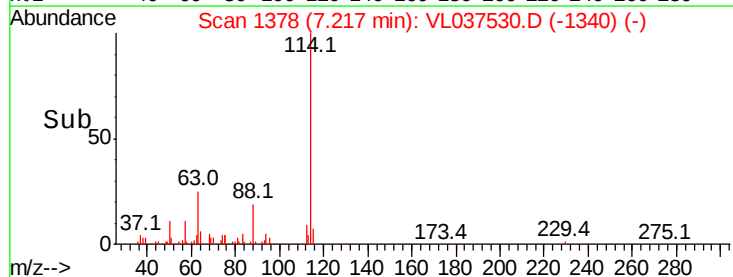
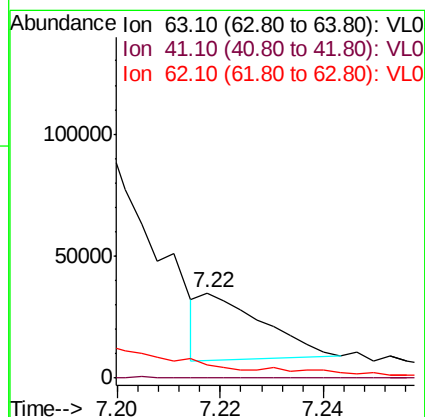
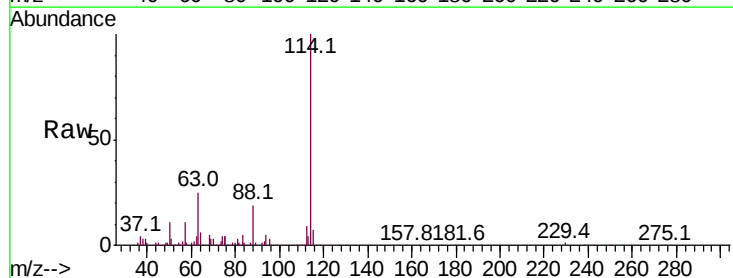
Delta R.T. -0.38 min

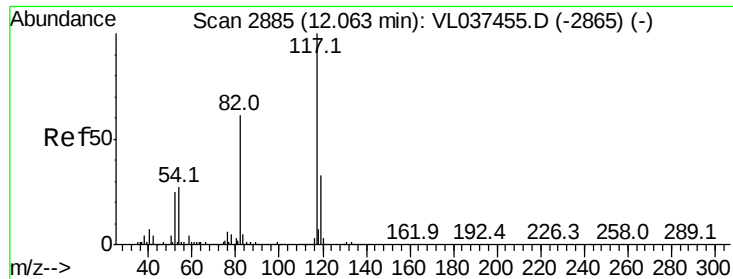
Lab File: VL037530.D

Acq: 3 Sep 2021 20:43

Tgt Ion: 63 Resp: 22503

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	12.5	53.6	80.4#

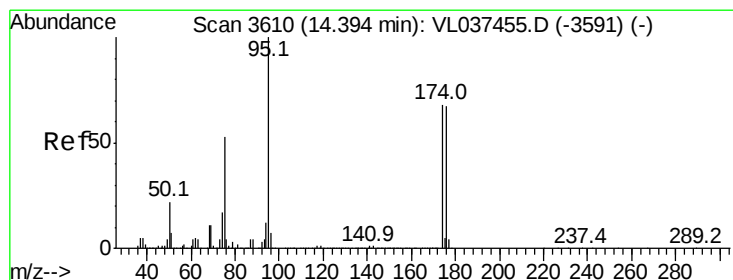
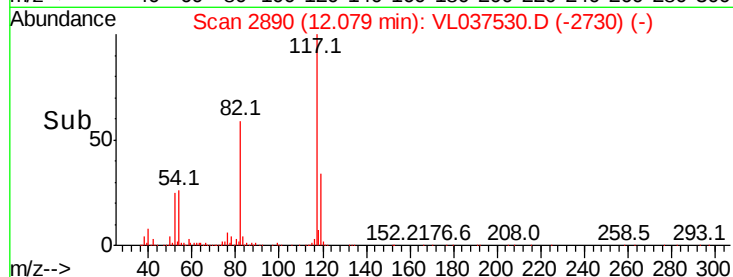
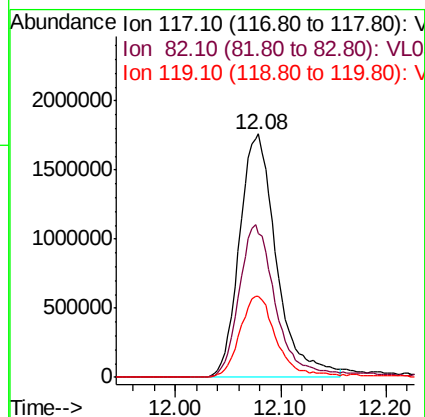
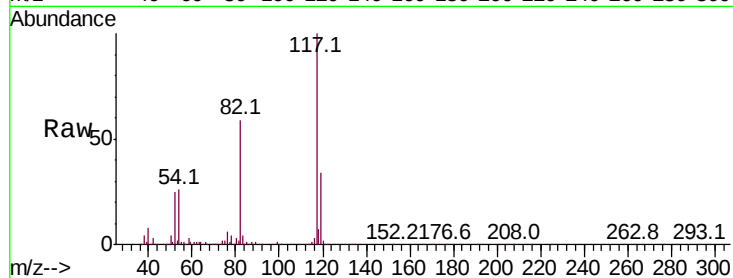




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.02 min
Lab File: VL037530.D
Acq: 3 Sep 2021 20:43

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion:117 Resp: 4303845
Ion Ratio Lower Upper
117 100
82 64.8 52.9 79.3
119 34.3 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.137 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.01 min
Lab File: VL037530.D
Acq: 3 Sep 2021 20:43

Tgt Ion: 95 Resp: 3099464
Ion Ratio Lower Upper
95 100
174 75.7 59.6 89.4
175 5.9 4.6 7.0

