Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090321\
Data File : VL037535.D
Acq On : 3 Sep 2021 23:56
Operator : SY/AP
Sample : CAN 10154
Misc : 400mL/MSVOA L
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10154

Quant Time: Sep 04 04:23:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue 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	1632676	10.00 ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4801265	10.00 ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4211188	10.00 ppbv	0.01

System Monitoring Compounds

	R.T.	QIon	Response	Conc Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	3189917	10.66 ppbv	0.01

Spiked Amount 10.000 Range 65 - 135 Recovery = 106.60%

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
9) Propene	3.01	41	6417	0.057 ppbv #	16
20) Methylene Chloride	4.34	84	19036	0.229 ppbv #	87
39) 1,2-Dichloropropane	7.17	63	1149973	7.415 ppbv #	27

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

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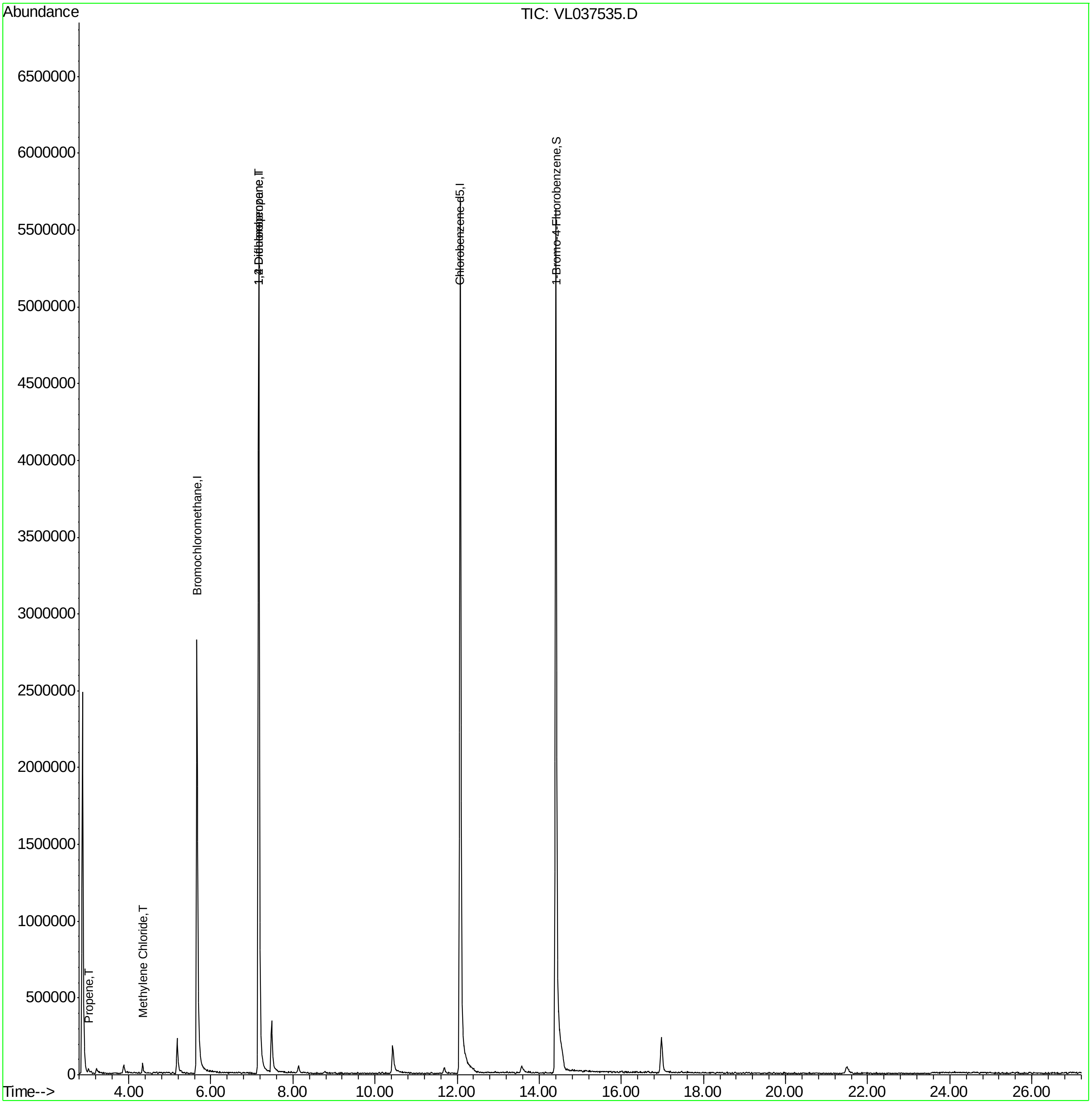
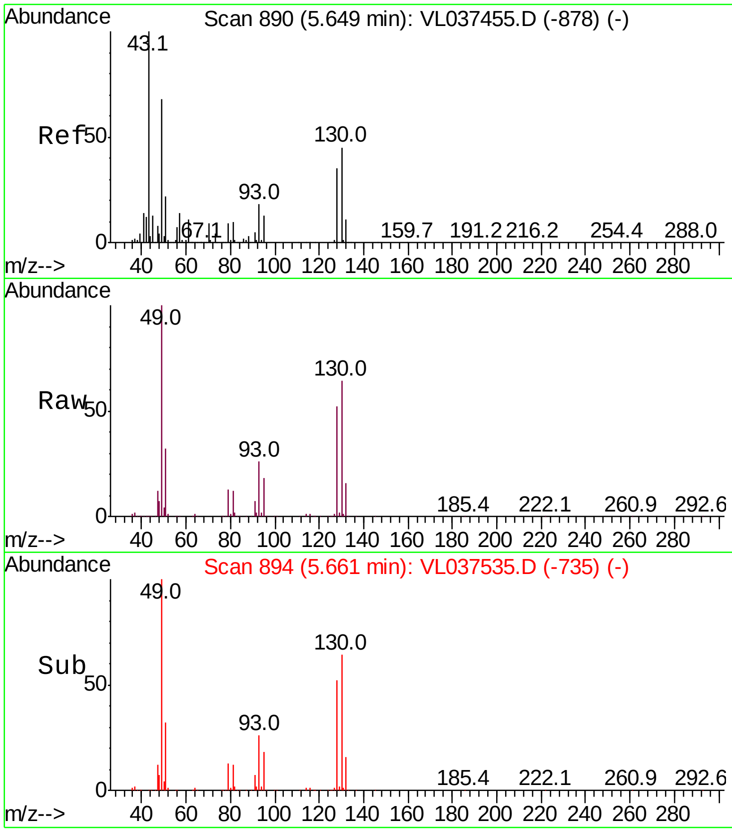


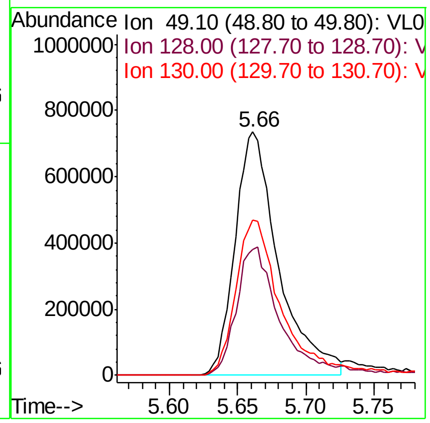


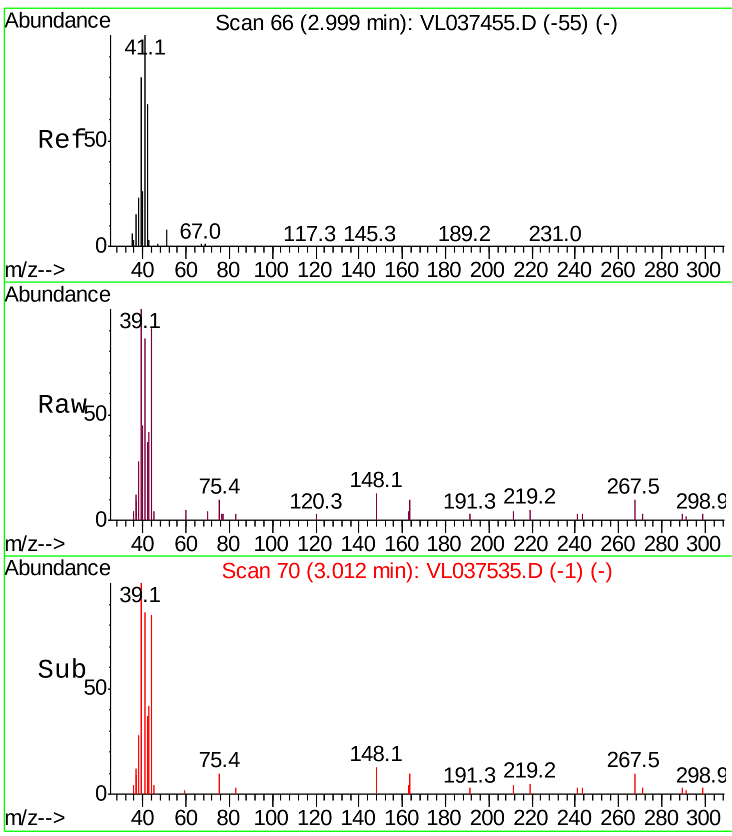
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.01 min
Lab File: VL037535.D
Acq: 3 Sep 2021 23:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10154

Tgt Ion: 49 Resp: 1632676

Ion	Ratio	Lower	Upper
49	100		
128	53.8	27.5	82.4
130	69.7	34.0	101.8

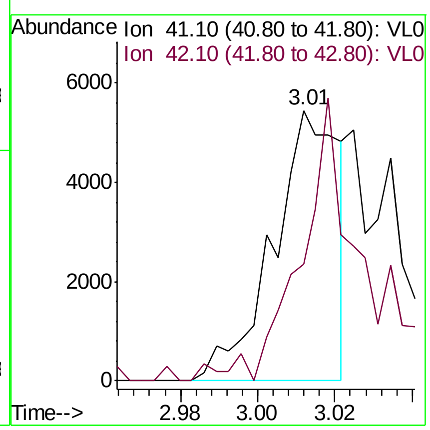


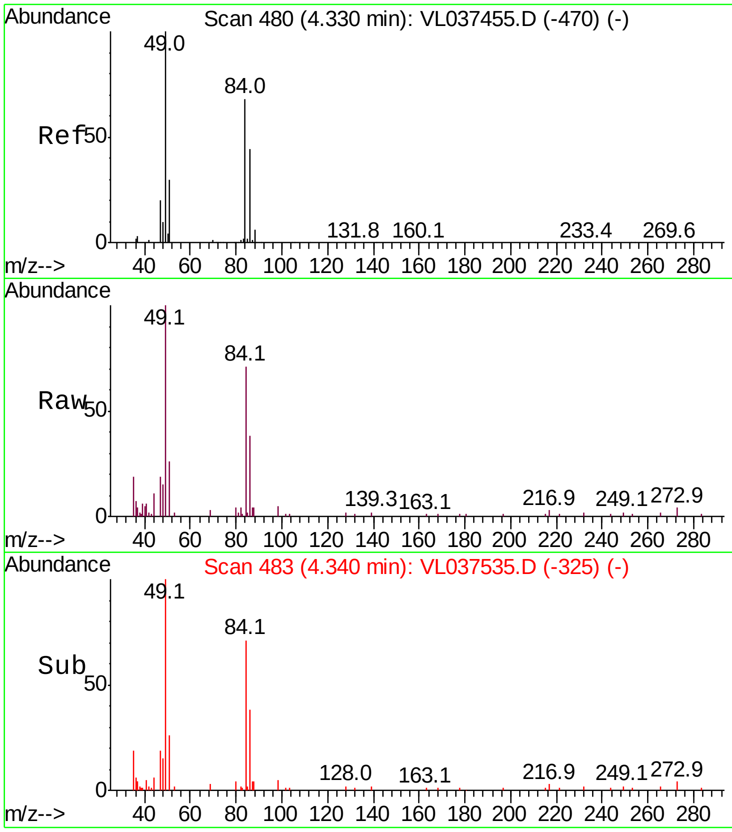


#9
Propene
Concen: 0.057 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL037535.D
Acq: 3 Sep 2021 23:56

Tgt Ion: 41 Resp: 6417

Ion	Ratio	Lower	Upper
41	100		
42	0.0	53.7	80.5#



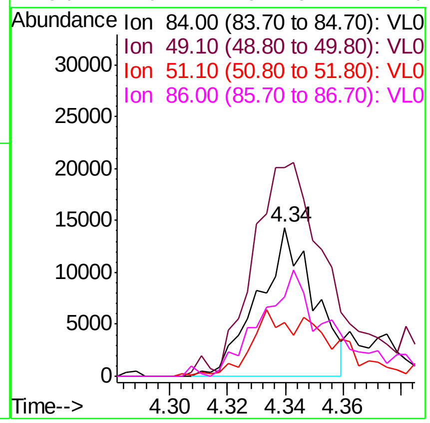


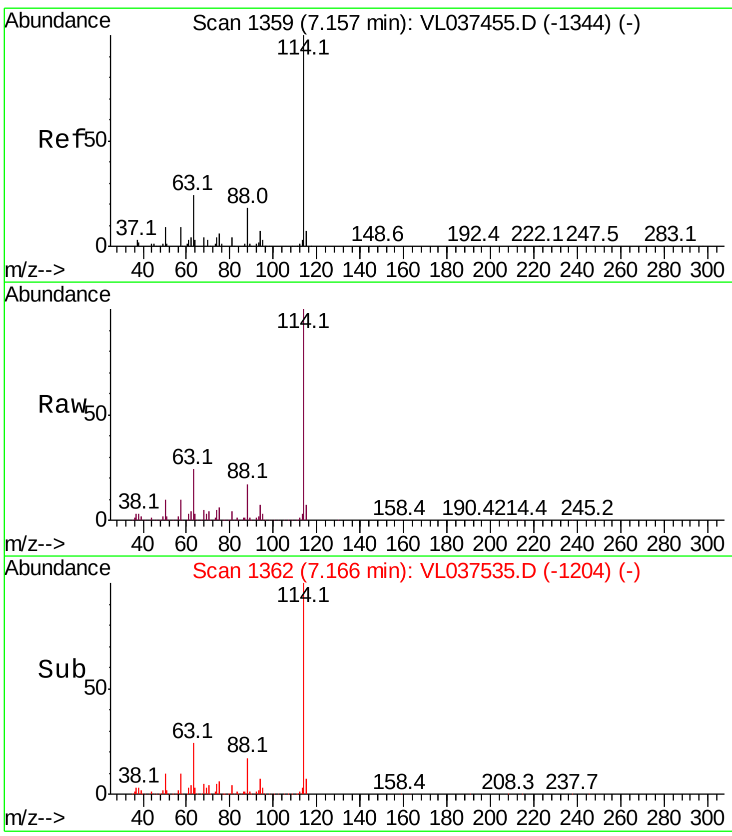
#20
Methylene Chloride
Concen: 0.229 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL037535.D
Acq: 3 Sep 2021 23:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10154

Tgt Ion: 84 Resp: 19036

Ion	Ratio	Lower	Upper
84	100		
49	137.3	118.2	177.2
51	35.4	36.6	55.0#
86	46.4	51.8	77.6#

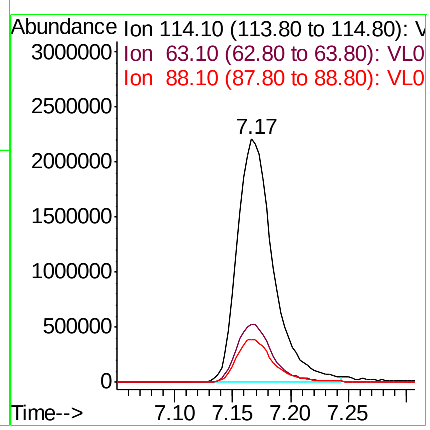


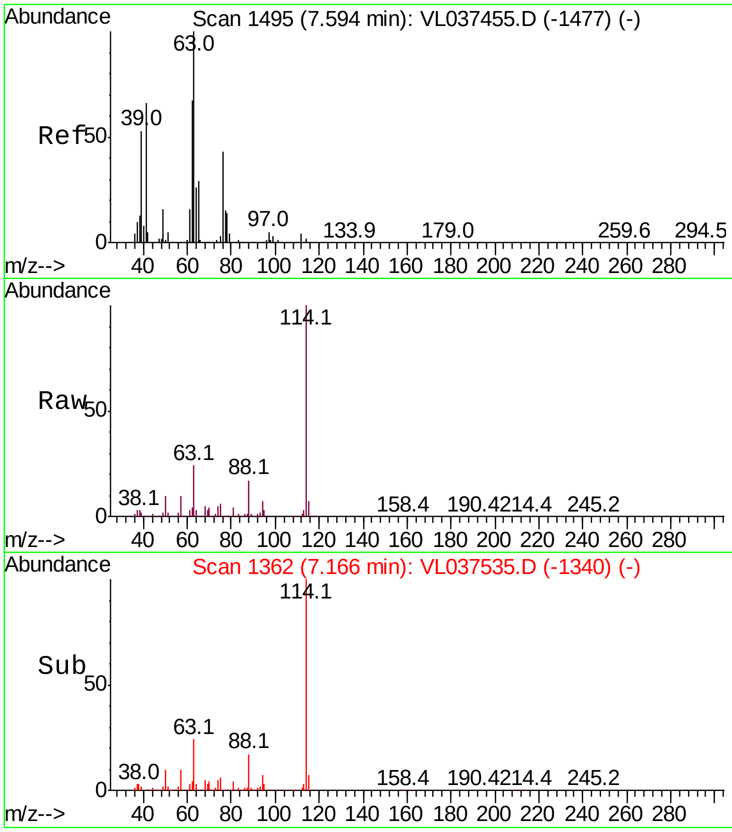


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VL037535.D
Acq: 3 Sep 2021 23:56

Tgt Ion:114 Resp: 4801265

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.3	28.9
88	18.2	14.2	21.4



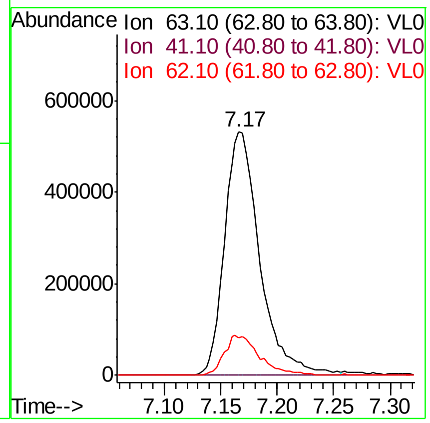


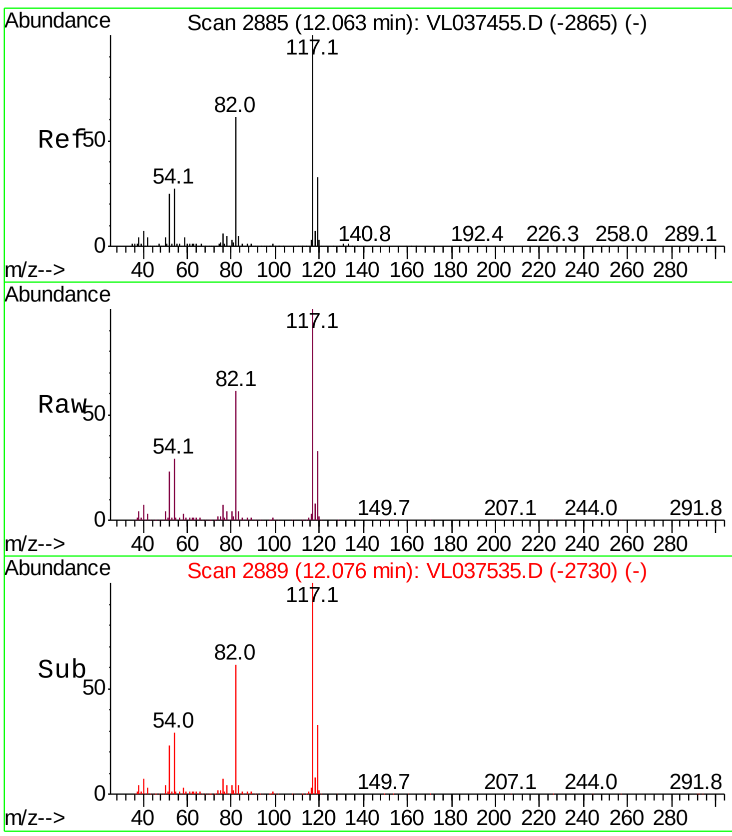
#39
1,2-Dichloropropane
Concen: 7.415 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.43 min
Lab File: VL037535.D
Acq: 3 Sep 2021 23:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10154

Tgt Ion: 63 Resp: 1149973

Ion	Ratio	Lower	Upper
63	100		
41	0.1	52.4	78.6#
62	15.3	53.6	80.4#

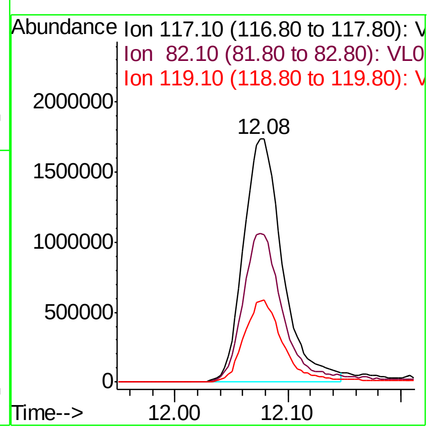


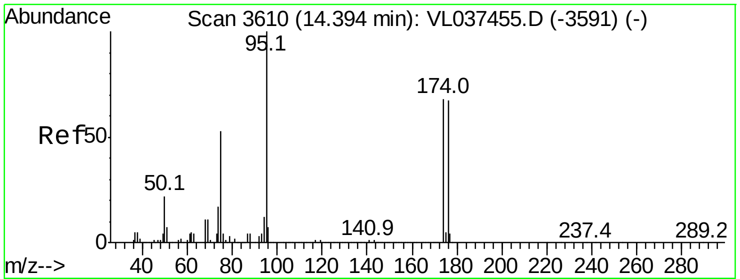


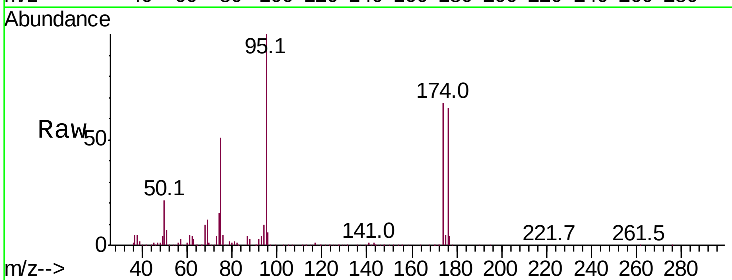
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.01 min
Lab File: VL037535.D
Acq: 3 Sep 2021 23:56

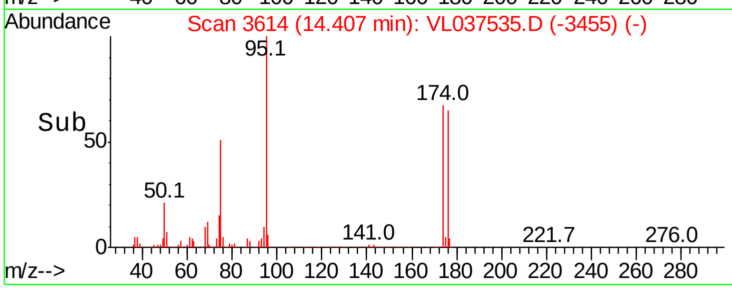
Tgt Ion:117 Resp: 4211188

Ion	Ratio	Lower	Upper
117	100		
82	66.0	52.9	79.3
119	35.1	24.8	37.2









#68
1-Bromo-4-Fluorobenzene
Concen: 10.662 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL037535.D
Acq: 3 Sep 2021 23:56

Instrument :
MSVOA_L
ClientSampleId :
CAN 10154

Tgt Ion: 95 Resp: 3189917

Ion	Ratio	Lower	Upper
95	100		
174	72.8	59.6	89.4
175	5.5	4.6	7.0