Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\

Quantitation Report (Not Reviewed)

Data File : VL037939.D
Acq On : 1 Nov 2021 12:30
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Nov 01 13:04:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Nov 01 11:08:47 2021
QLast Update : Mon Nov 01 11:08:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1548646	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4482336	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3819952	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2811096	10.52	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.20%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	14219	0.048	ppbv #	91
9) Propene	3.02	41	7627	0.070	ppbv #	62
12) 1,1,2-Trichlorotrifluoroet	4.48	101	7495	0.045	ppbv	85
13) Ethanol	3.62	45	483	0.054	ppbv #	32
15) Acetone	3.89	43	10832	0.078	ppbv #	52
20) Methylene Chloride	4.35	84	4025	0.057	ppbv #	43
39) 1,2-Dichloropropane	7.17	63	1048802	7.283	ppbv #	28

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

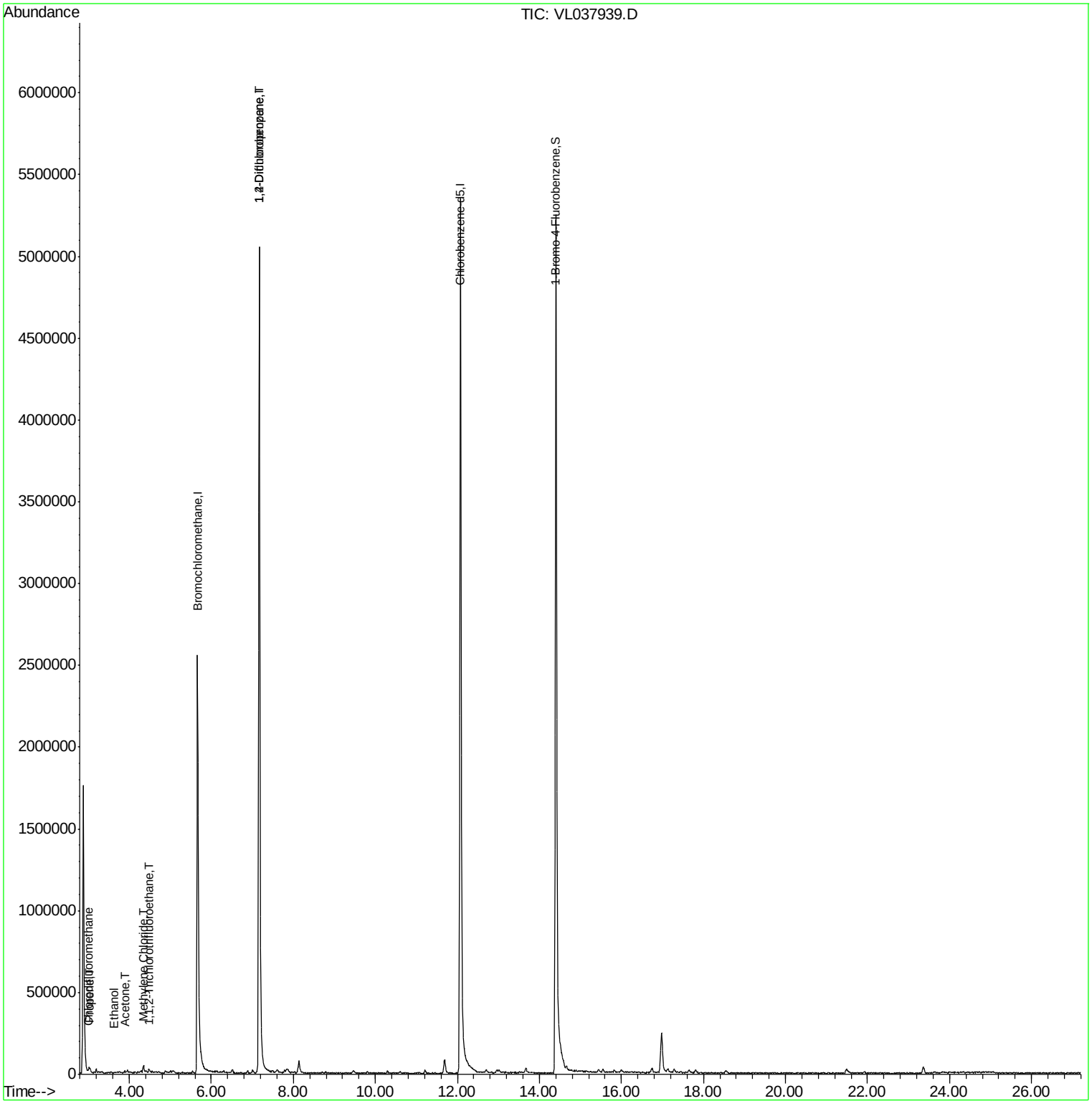
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\

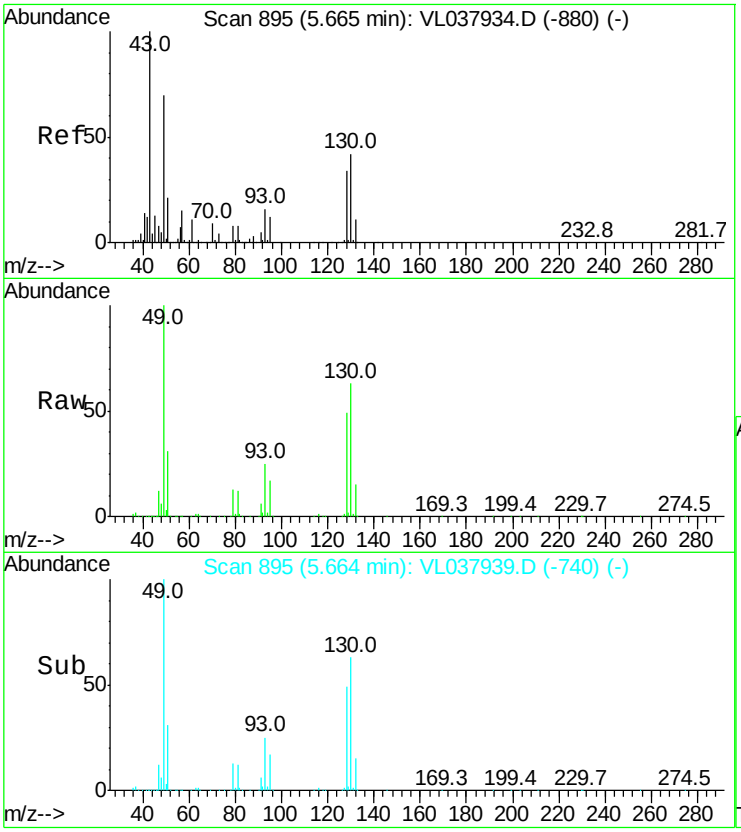
Quantitation Report (Not Reviewed)

Data File : VL037939.D
Acq On : 1 Nov 2021 12:30
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Nov 01 13:04:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Nov 01 11:08:47 2021
QLast Update : Mon Nov 01 11:08:47 2021
Response via : Initial Calibration



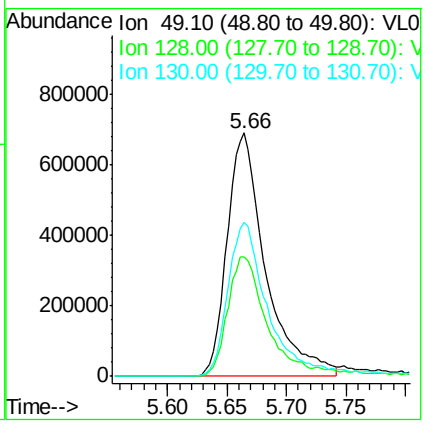


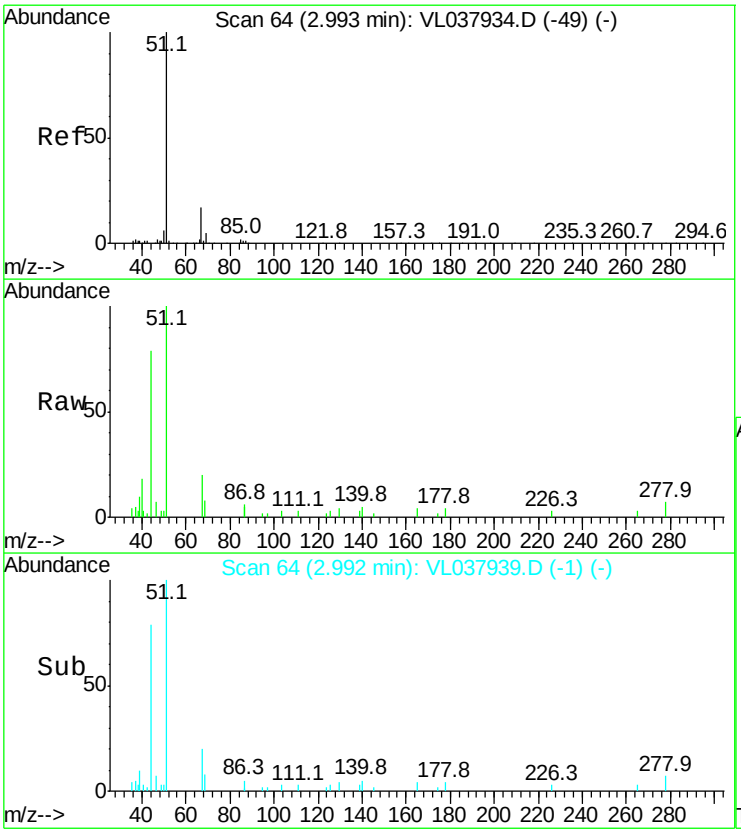
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 1 Nov 2021 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 1548646

Ion	Ratio	Lower	Upper
49	100		
128	53.2	27.0	81.0
130	68.5	33.4	100.2

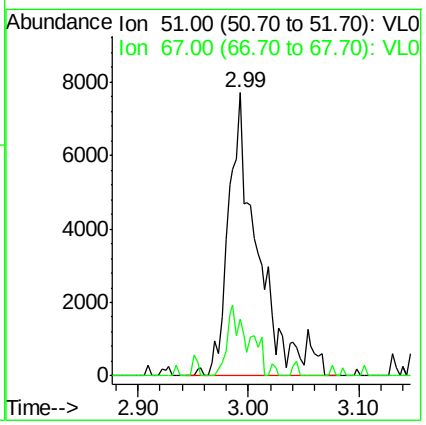


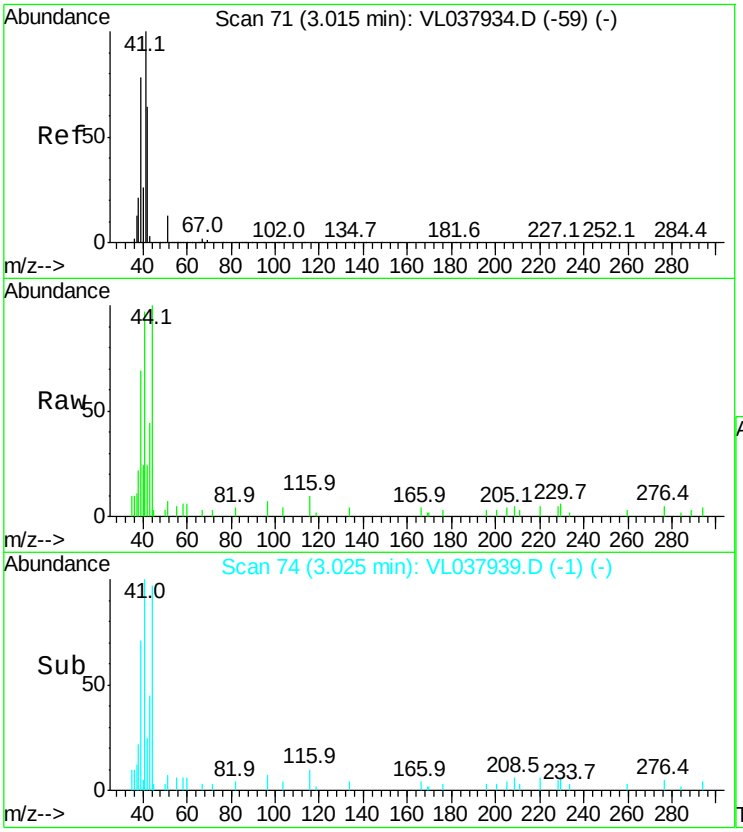


#3
Chlorodifluoromethane
Concen: 0.048 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.00 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

Tgt Ion: 51 Resp: 14219

Ion	Ratio	Lower	Upper
51	100		
67	20.8	13.4	20.0#



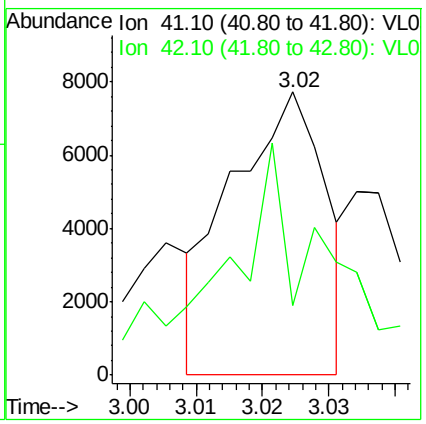


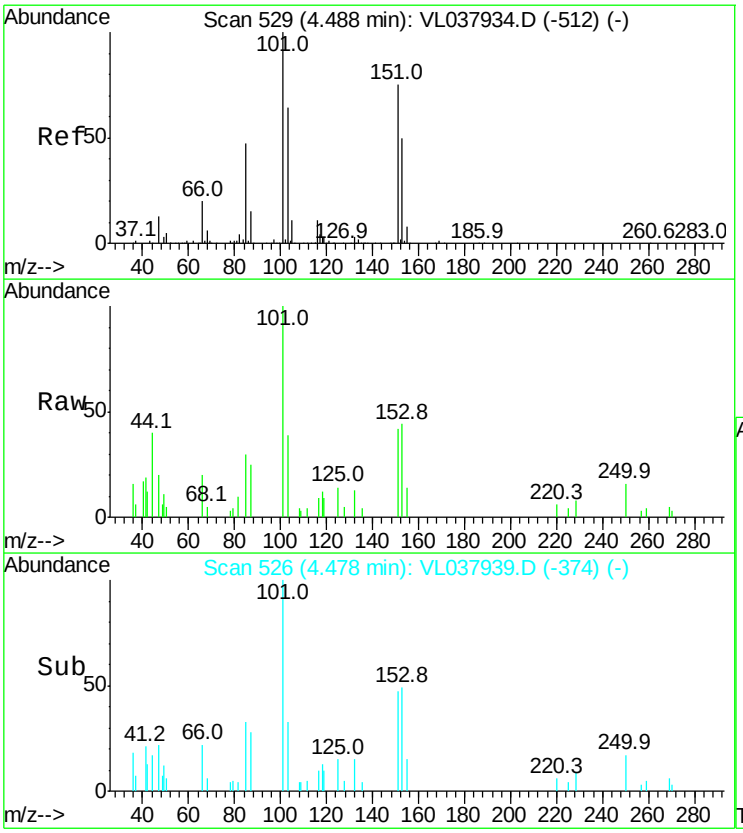
#9
Propene
Concen: 0.070 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 1 Nov 2021 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 41 Resp: 7627

Ion	Ratio	Lower	Upper
41	100		
42	103.8	57.6	86.4#

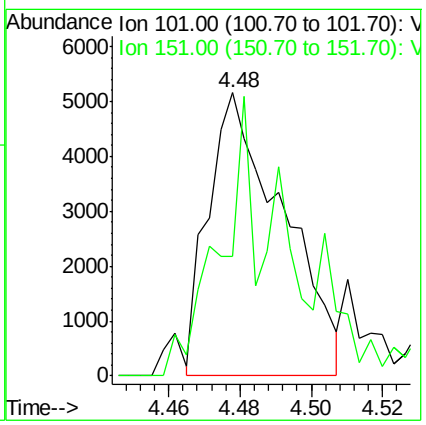


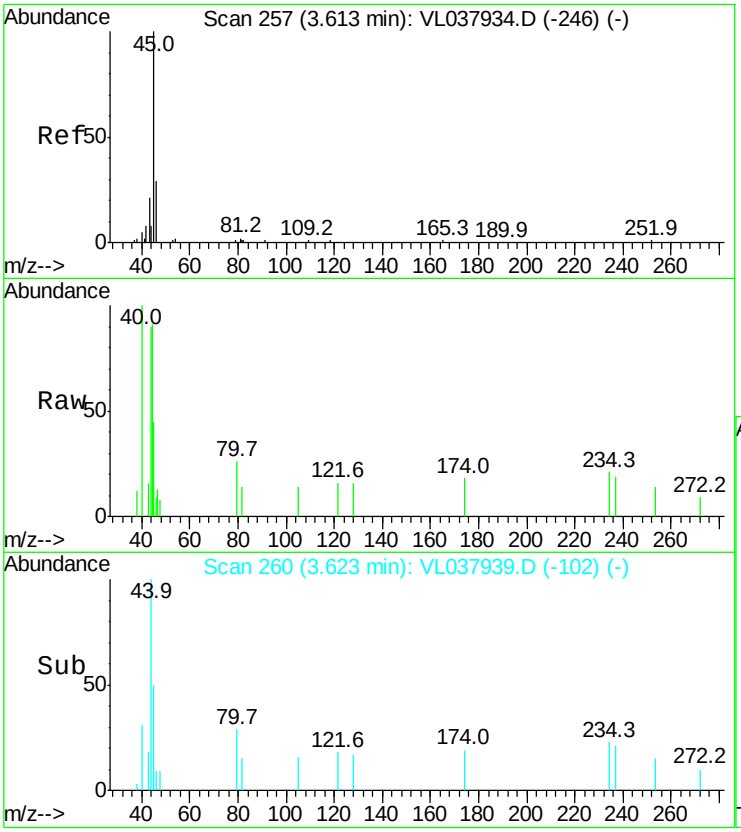


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.045 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.01 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

Tgt Ion:101 Resp: 7495

Ion	Ratio	Lower	Upper
101	100		
151	90.7	61.8	92.8



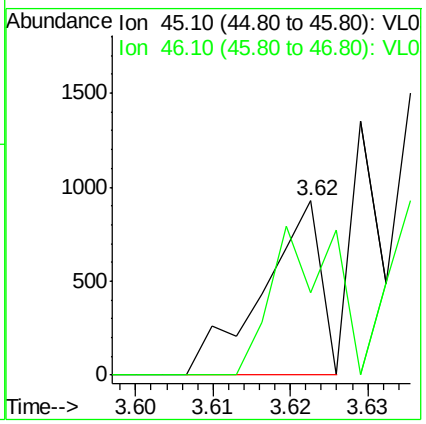


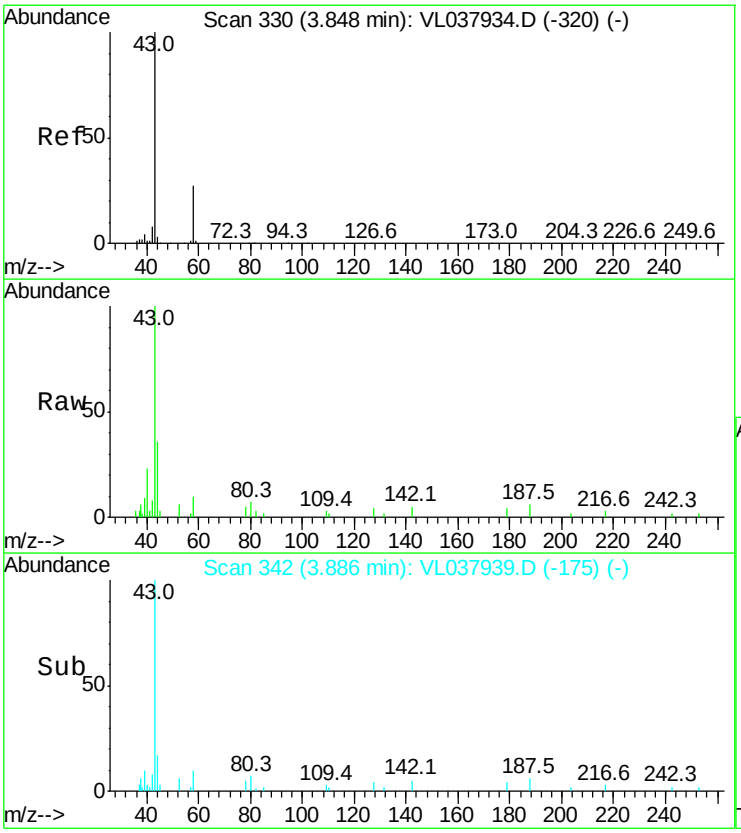
#13
Ethanol
Concen: 0.054 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 1 Nov 2021 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 45 Resp: 483

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.4	69.8#

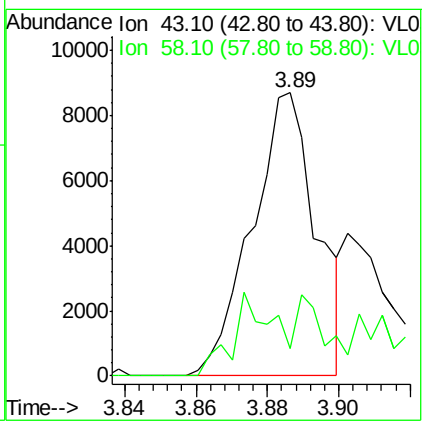


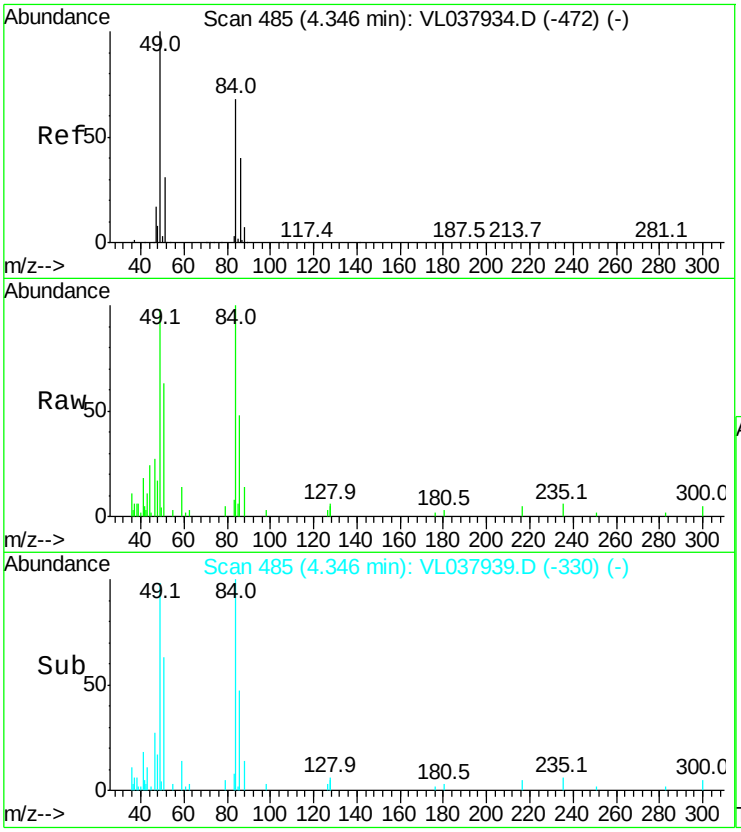


#15
Acetone
Concen: 0.078 ppbv
RT: 3.89 min Scan# 342
Delta R.T. 0.04 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

Tgt Ion: 43 Resp: 10832

Ion	Ratio	Lower	Upper
43	100		
58	54.9	23.3	34.9#



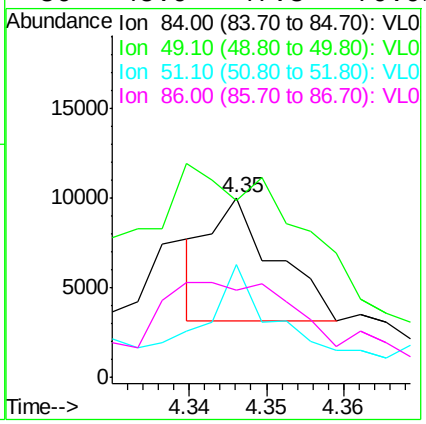


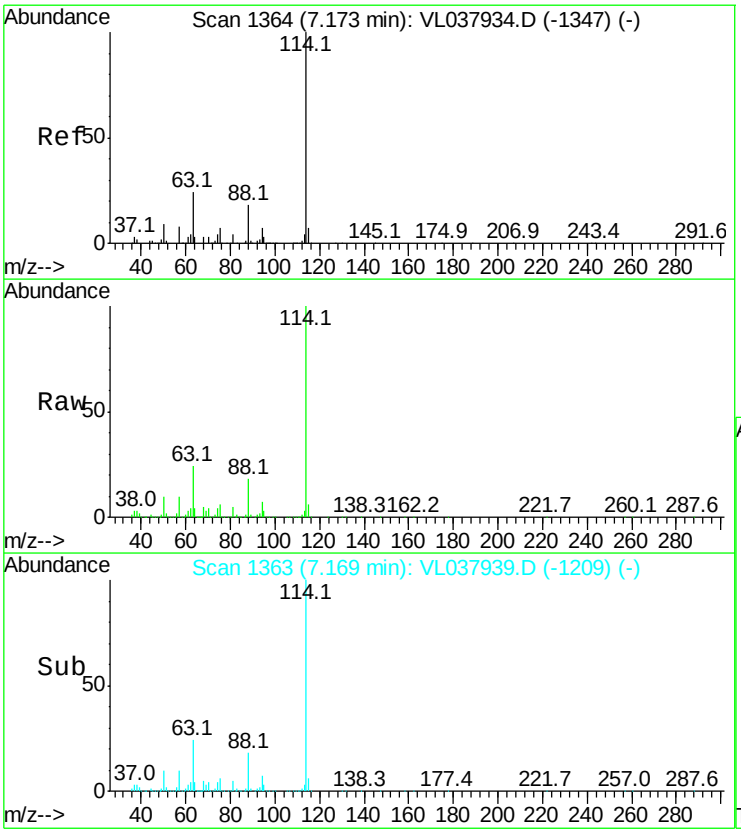
#20
Methylene Chloride
Concen: 0.057 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 1 Nov 2021 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 84 Resp: 4025

Ion	Ratio	Lower	Upper
84	100		
49	48.3	117.5	176.3#
51	69.6	35.9	53.9#
86	45.9	47.3	70.9#

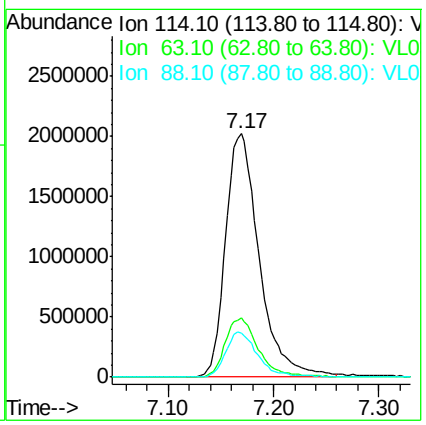


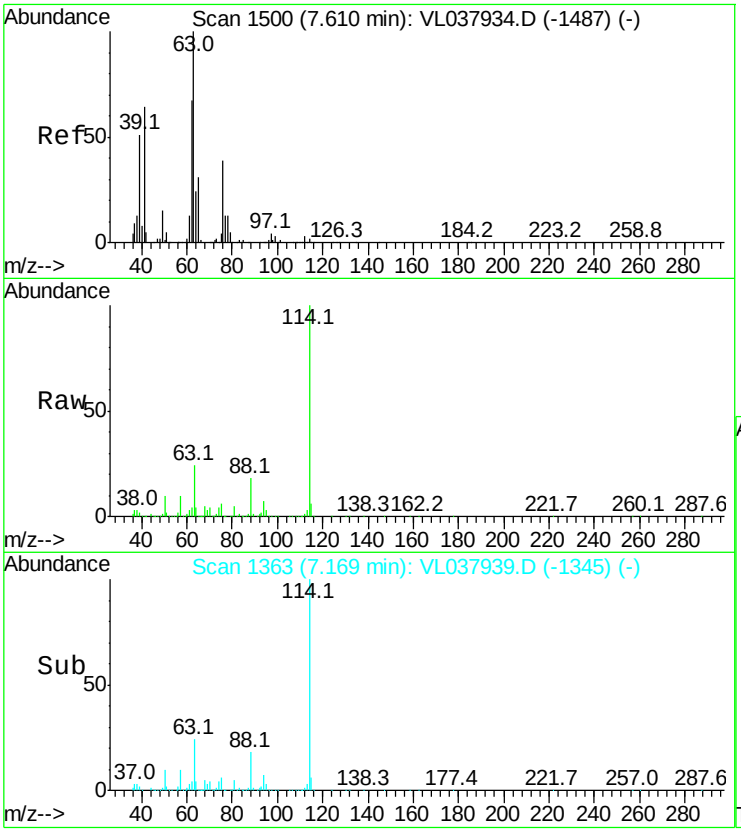


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

Tgt Ion:114 Resp: 4482336

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.0
88	18.0	14.2	21.4



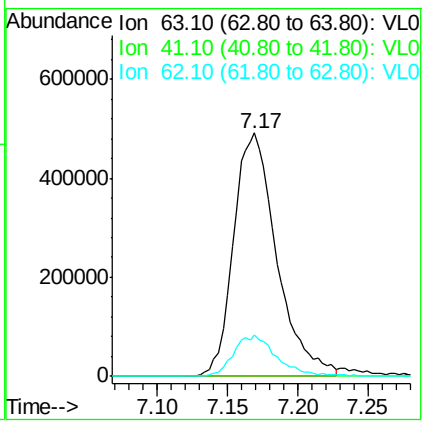


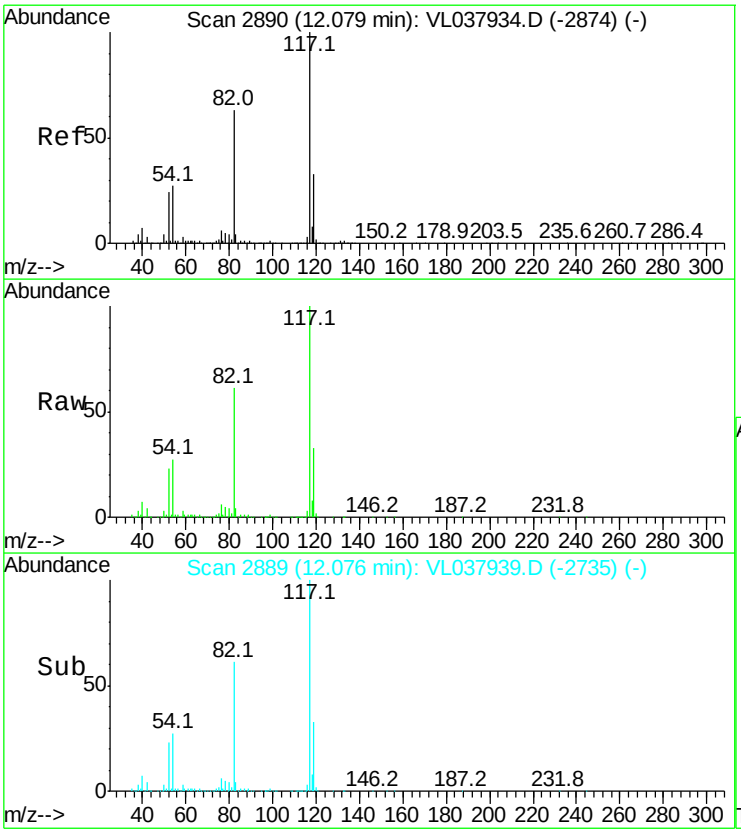
#39
1,2-Dichloropropane
Concen: 7.283 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 1 Nov 2021 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 63 Resp: 1048802

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	16.9	53.5	80.3#

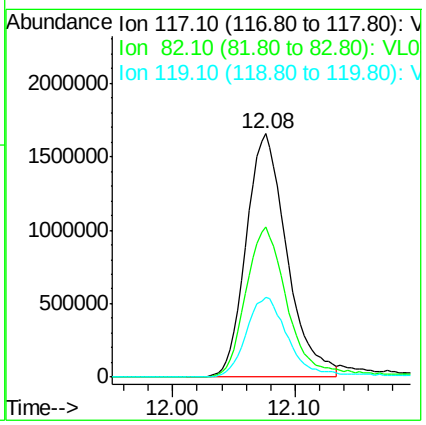


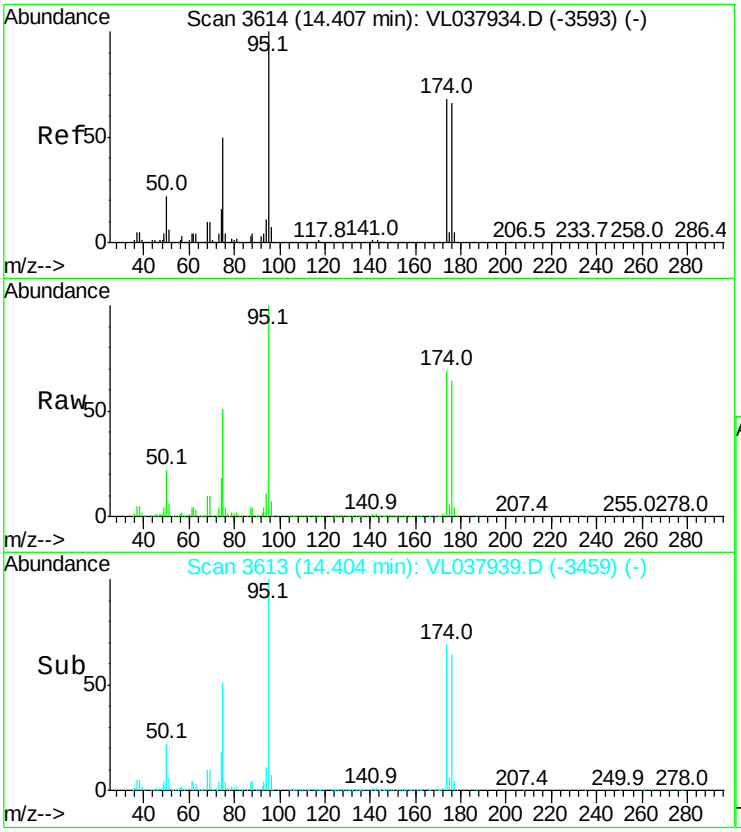


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VL037939.D
Acq: 1 Nov 2021 12:30

Tgt Ion:117 Resp: 3819952

Ion	Ratio	Lower	Upper
117	100		
82	65.9	51.0	76.6
119	35.2	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.523 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 1 Nov 2021 12:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 95 Resp: 2811096

Ion	Ratio	Lower	Upper
95	100		
174	75.3	58.3	87.5
175	5.2	4.6	6.8