Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012422\

Quantitation Report (Not Reviewed)

Data File : VL038258.D
Acq On : 24 Jan 2022 12:33
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Jan 24 13:20:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 11:15:25 2022
QLast Update : Mon Jan 24 11:15:25 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	835288	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2194315	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1854011	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1334621	9.34	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.40%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	5983	0.034	ppbv	99
9) Propene	3.02	41	2785	0.046	ppbv #	64
12) 1,1,2-Trichlorotrifluoroet	4.49	101	3303	0.030	ppbv	90
13) Ethanol	3.64	45	466	0.045	ppbv #	37
15) Acetone	3.90	43	2601	0.031	ppbv #	48
20) Methylene Chloride	4.36	84	4343	0.092	ppbv #	77
39) 1,2-Dichloropropane	7.18	63	582278	7.392	ppbv #	26

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

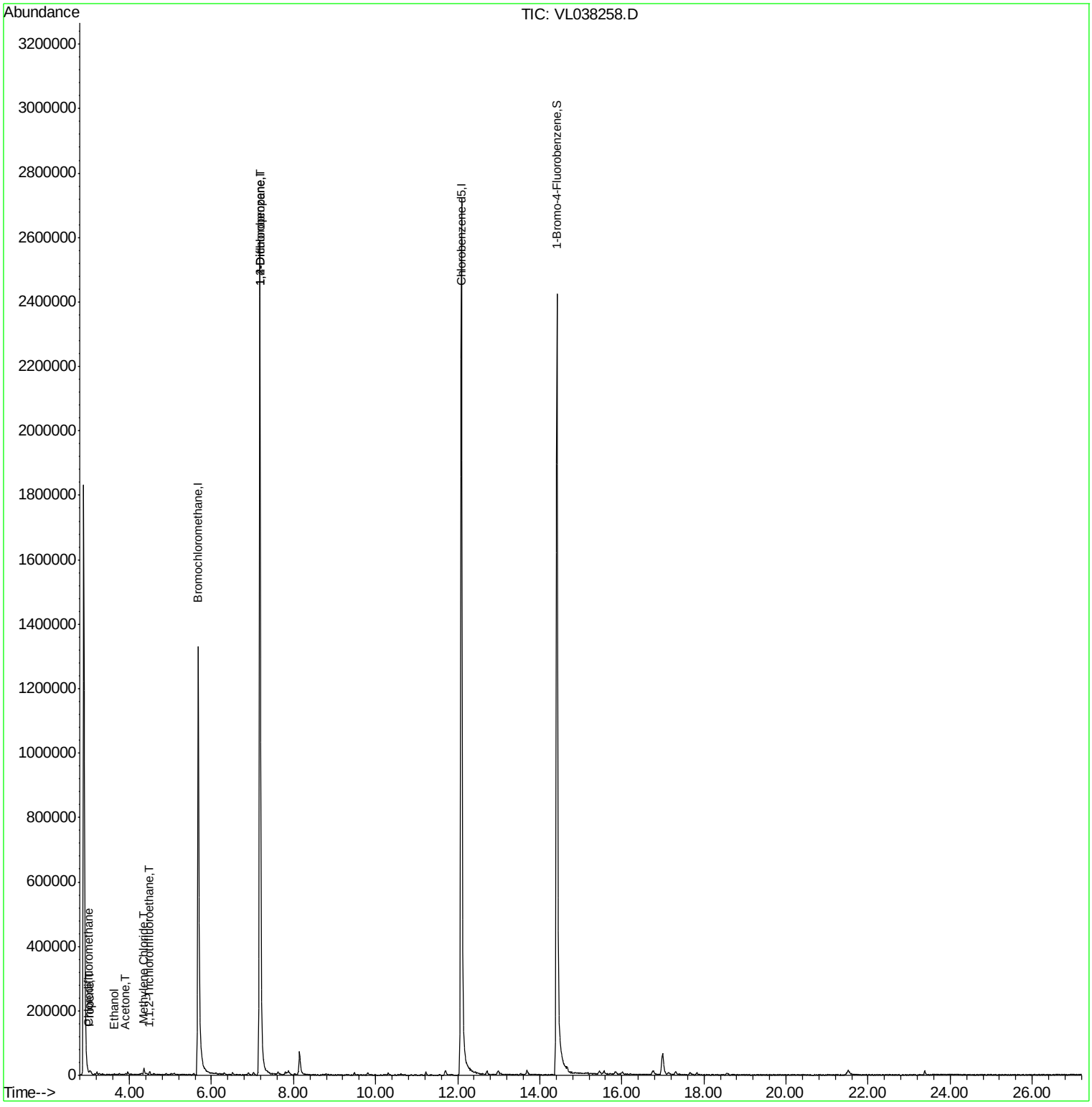
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012422\

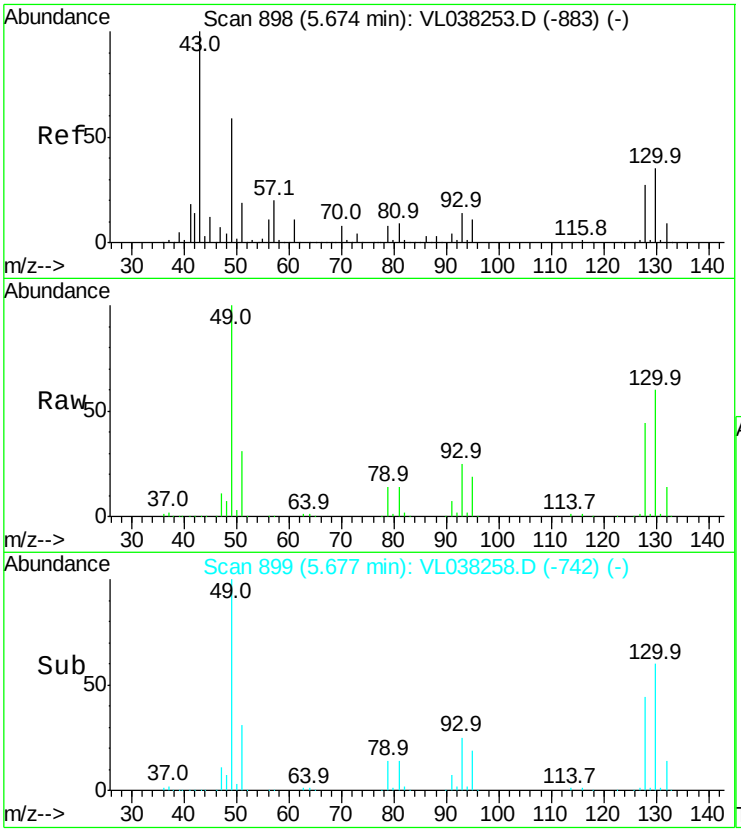
Quantitation Report (Not Reviewed)

Data File : VL038258.D
Acq On : 24 Jan 2022 12:33
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jan 24 13:20:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 11:15:25 2022
QLast Update : Mon Jan 24 11:15:25 2022
Response via : Initial Calibration



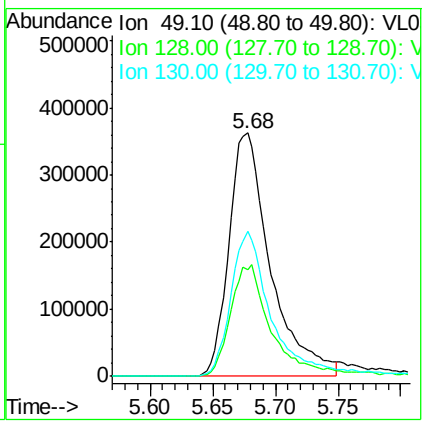


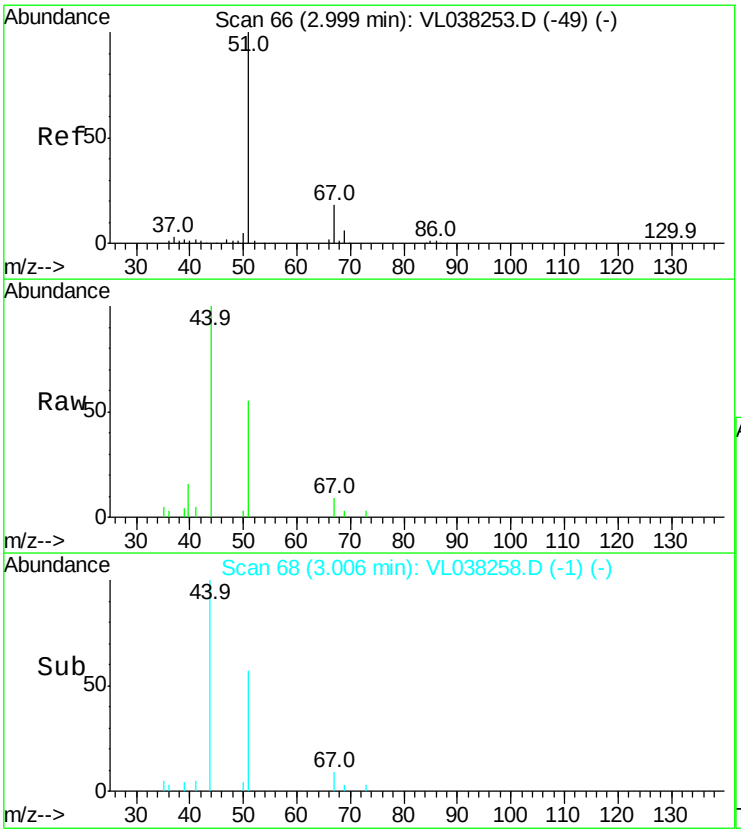
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 24 Jan 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 835288

Ion	Ratio	Lower	Upper
49	100		
128	47.1	24.5	73.5
130	59.1	30.1	90.5

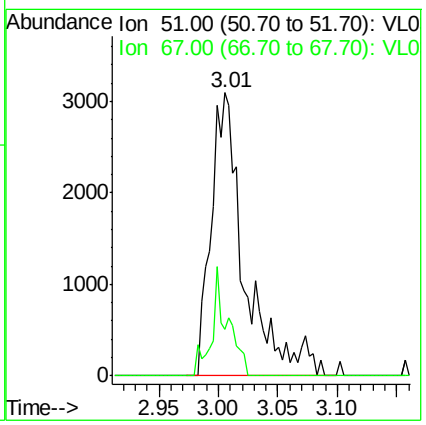


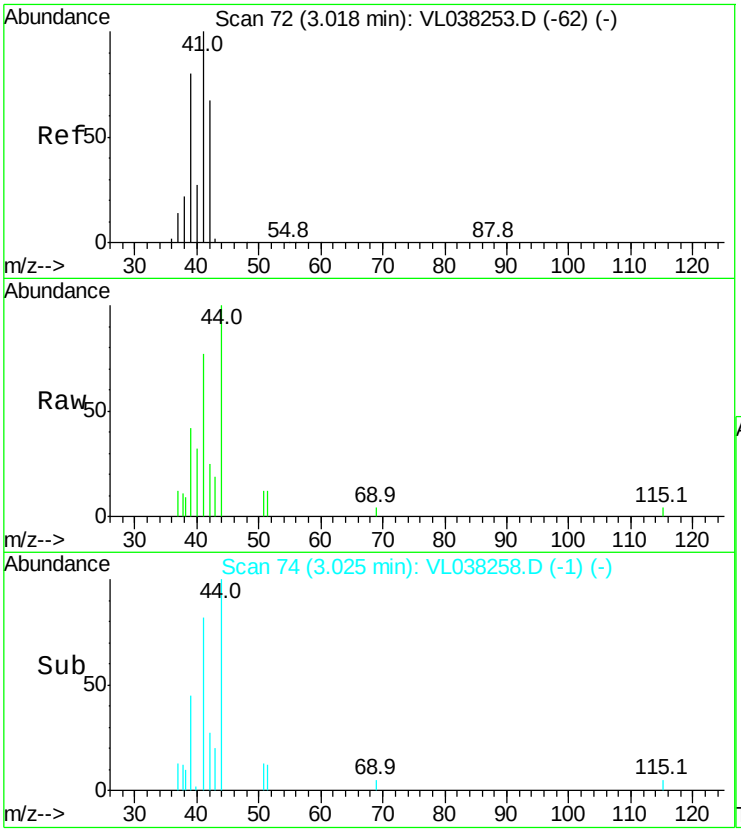


#3
Chlorodifluoromethane
Concen: 0.034 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.01 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

Tgt Ion: 51 Resp: 5983

Ion	Ratio	Lower	Upper
51	100		
67	18.6	14.4	21.6



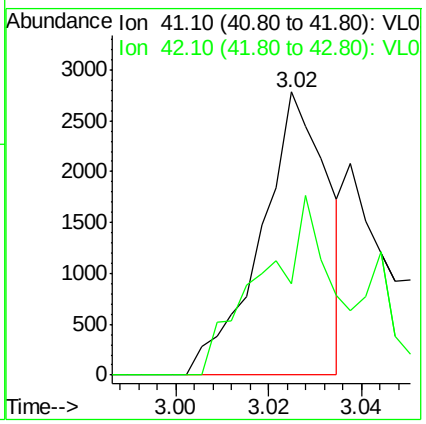


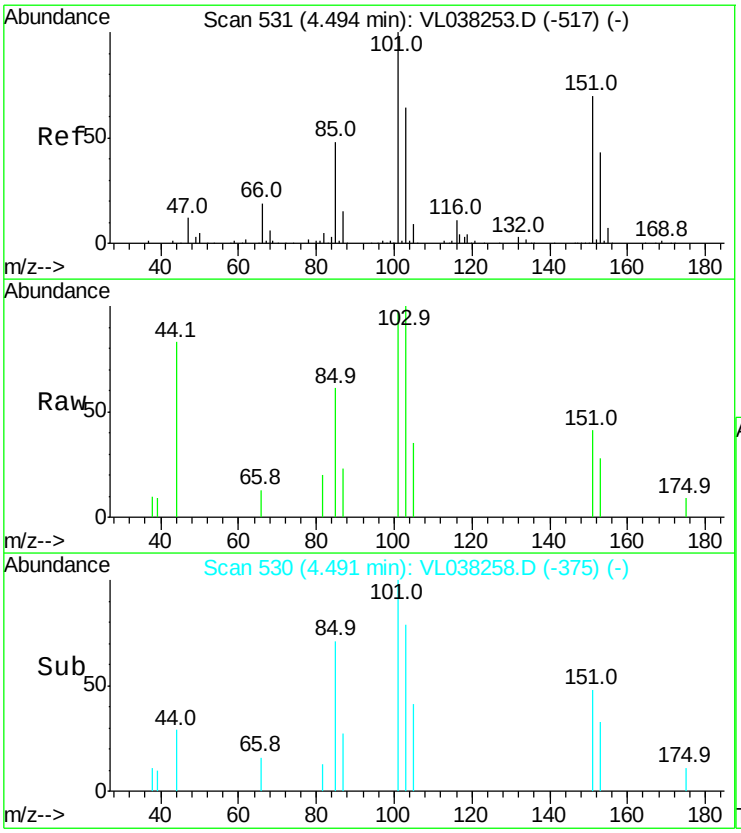
#9
Propene
Concen: 0.046 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 24 Jan 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 41 Resp: 2785

Ion	Ratio	Lower	Upper
41	100		
42	97.8	54.9	82.3#

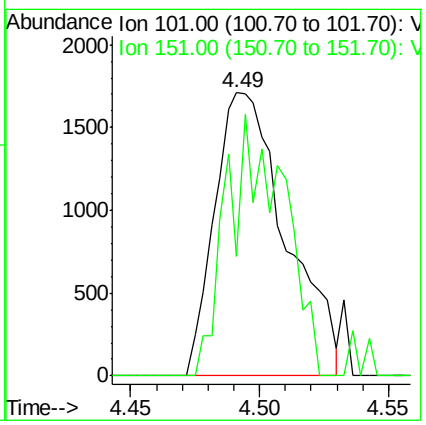


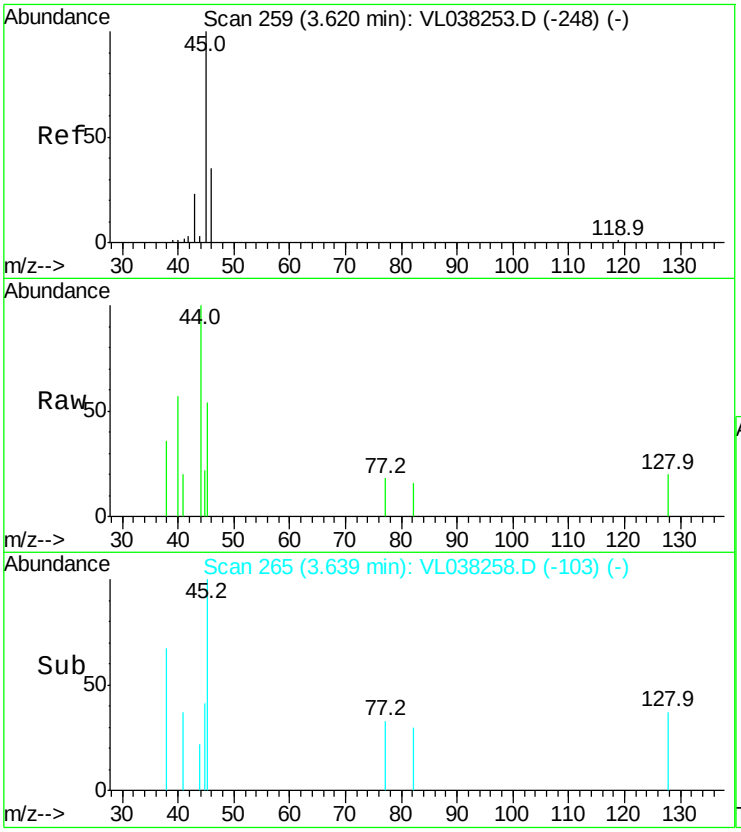


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.030 ppbv
RT: 4.49 min Scan# 530
Delta R.T. -0.00 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

Tgt Ion:101 Resp: 3303

Ion	Ratio	Lower	Upper
101	100		
151	76.9	55.3	82.9



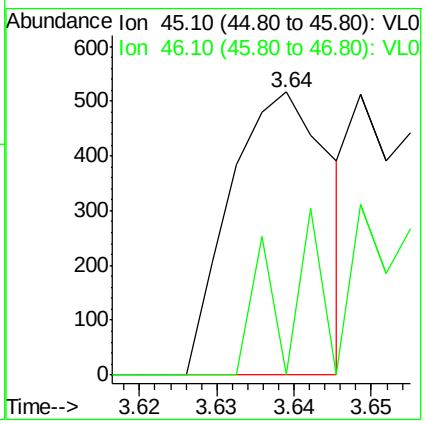


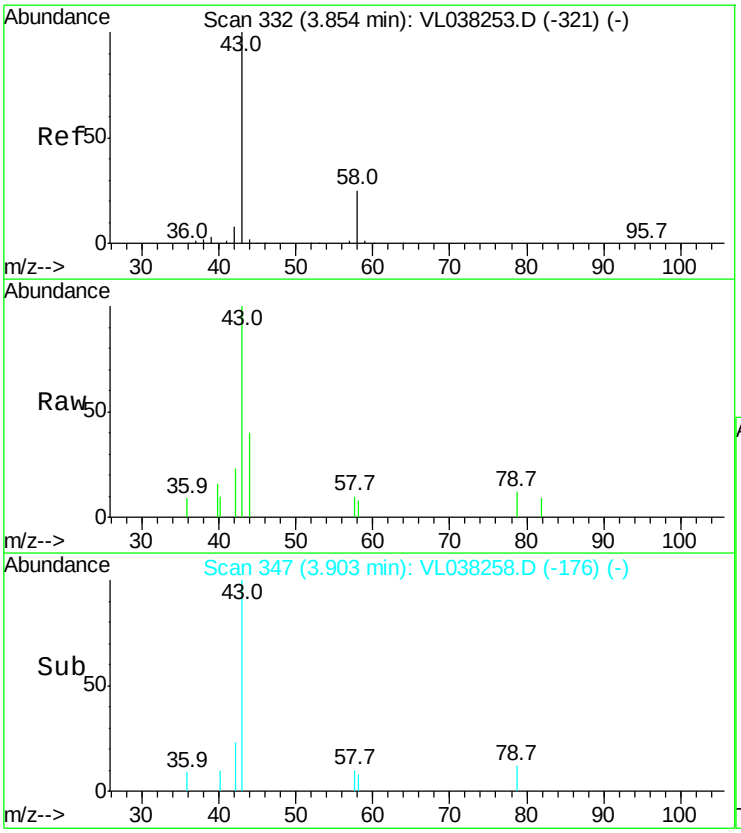
#13
Ethanol
Concen: 0.045 ppbv
RT: 3.64
Delta R.T
Lab File:
Acq: 24 Jan 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 45 Resp: 466

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.4	61.6#

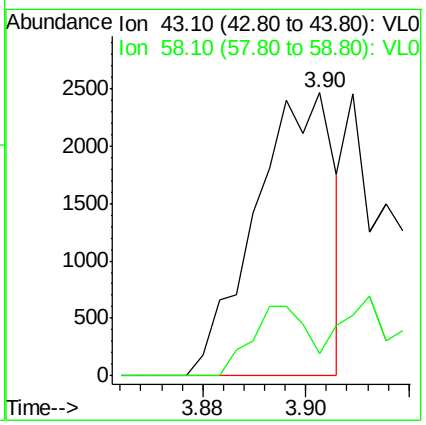


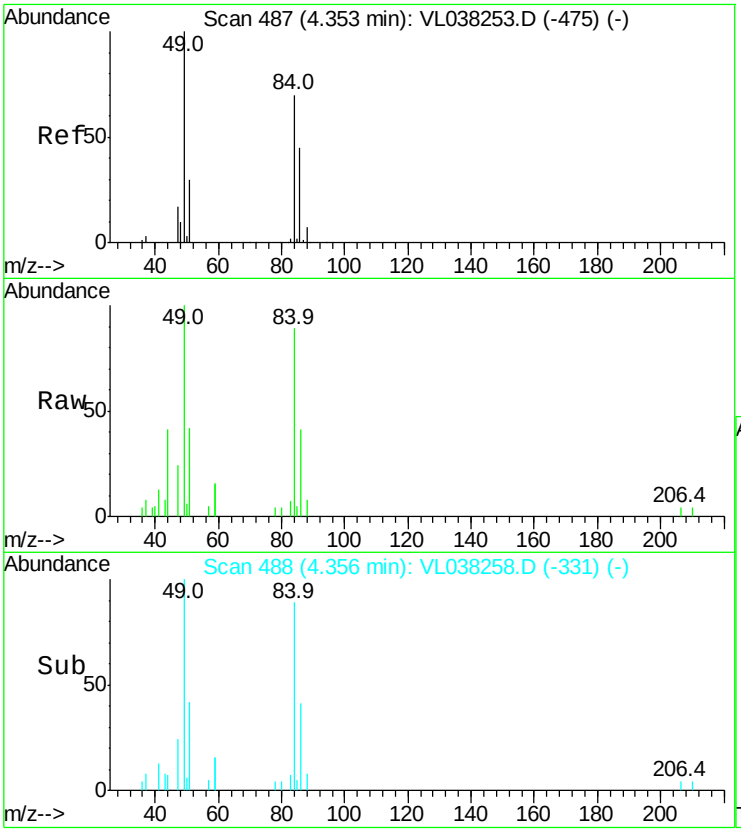


#15
Acetone
Concen: 0.031 ppbv
RT: 3.90 min Scan# 347
Delta R.T. 0.05 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

Tgt Ion: 43 Resp: 2601

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.5	32.3#



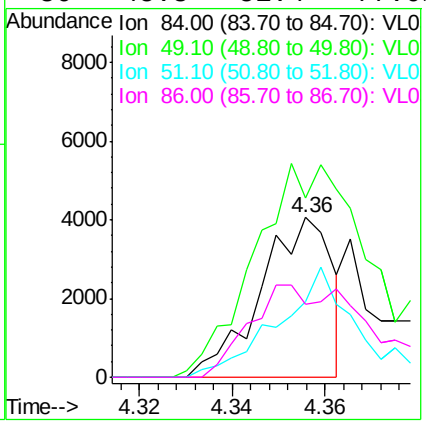


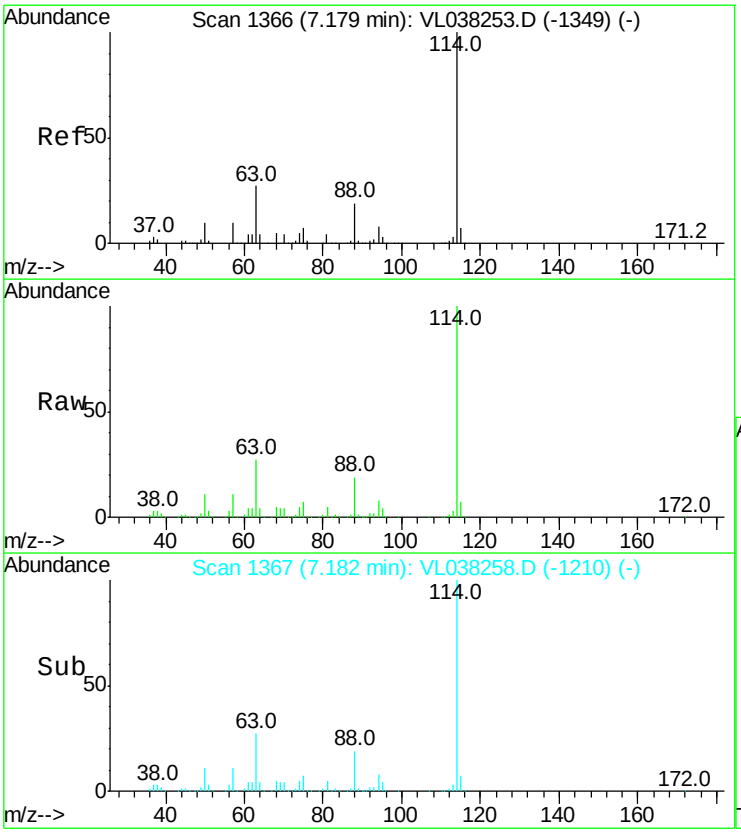
#20
Methylene Chloride
Concen: 0.092 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 24 Jan 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 84 Resp: 4343

Ion	Ratio	Lower	Upper
84	100		
49	108.0	115.0	172.6#
51	47.2	35.0	52.6
86	45.8	51.4	77.0#

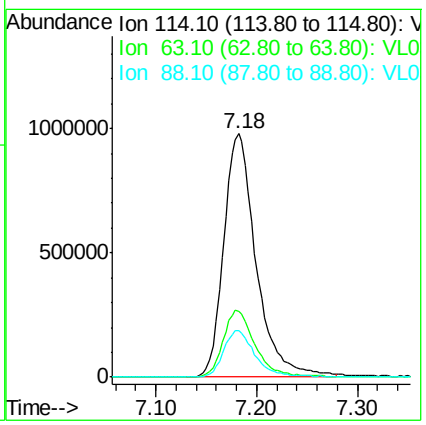


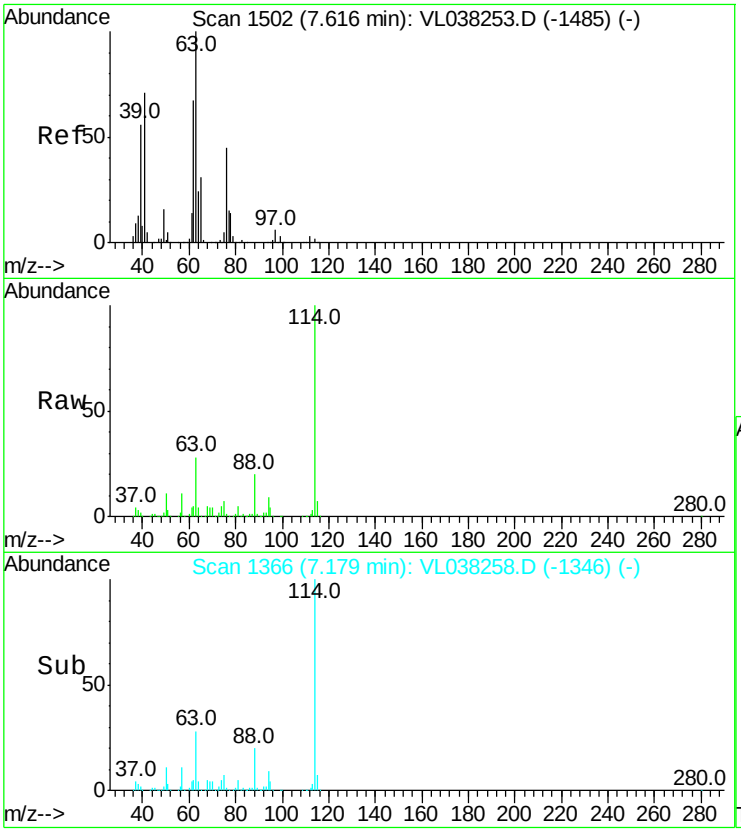


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

Tgt Ion:114 Resp: 2194315

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.0	33.0
88	19.0	15.0	22.6



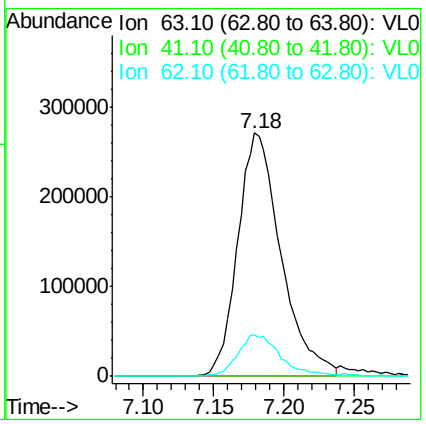


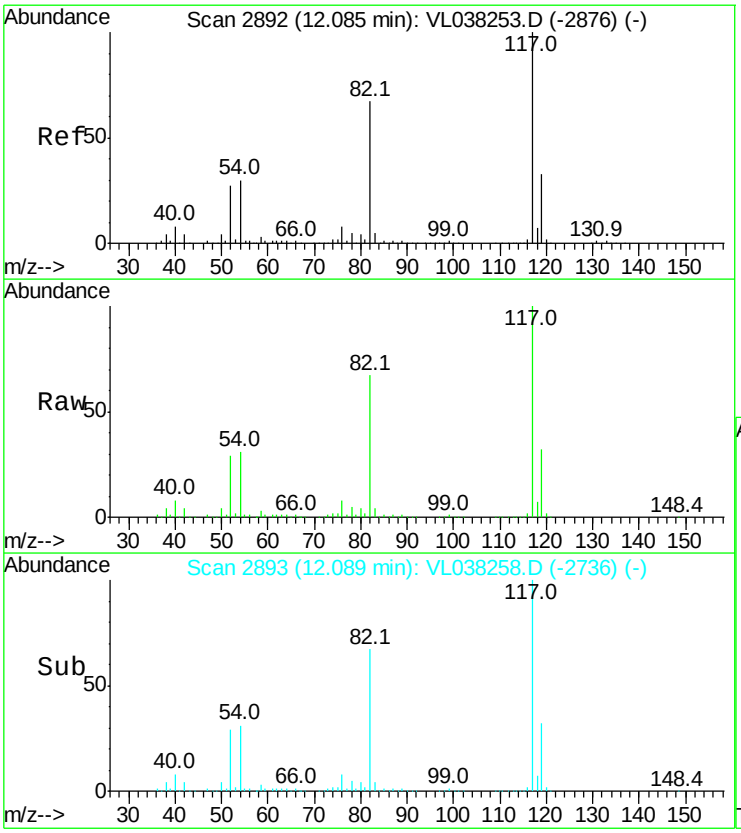
#39
1,2-Dichloropropane
Concen: 7.392 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 24 Jan 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 63 Resp: 582278

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	17.1	53.9	80.9#

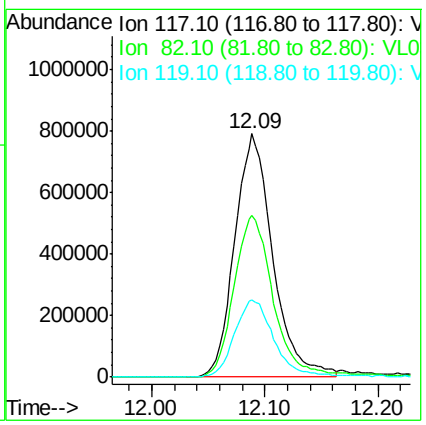


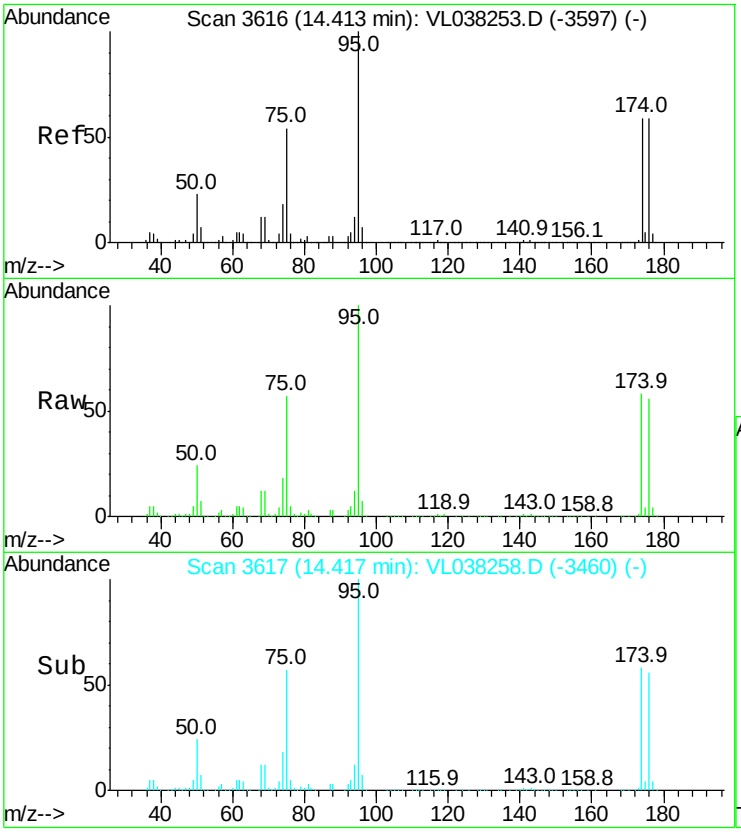


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.00 min
Lab File: VL038258.D
Acq: 24 Jan 2022 12:33

Tgt Ion:117 Resp: 1854011

Ion	Ratio	Lower	Upper
117	100		
82	69.7	54.4	81.6
119	33.4	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.341 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 24 Jan 2022 12:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 95 Resp: 1334621

Ion	Ratio	Lower	Upper
95	100		
174	63.1	48.3	72.5
175	4.5	3.5	5.3