Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070221\
Data File : VL037275.D
Acq On : 2 Jul 2021 15:11
Operator : SY/AP
Sample : QC062321 CAN 10282
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC070121 CAN 10280

Quant Time: Jul 03 07:17:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1274948	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3625601	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3161820	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2266574	9.46	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.60%			
Target Compounds						Qvalue
9) Propene	3.02	41	6483	0.082	ppbv	93
13) Ethanol	3.63	45	396	0.032	ppbv #	7
20) Methylene Chloride	4.36	84	10996	0.128	ppbv #	93
39) 1,2-Dichloropropane	7.19	63	891544	8.184	ppbv #	23

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

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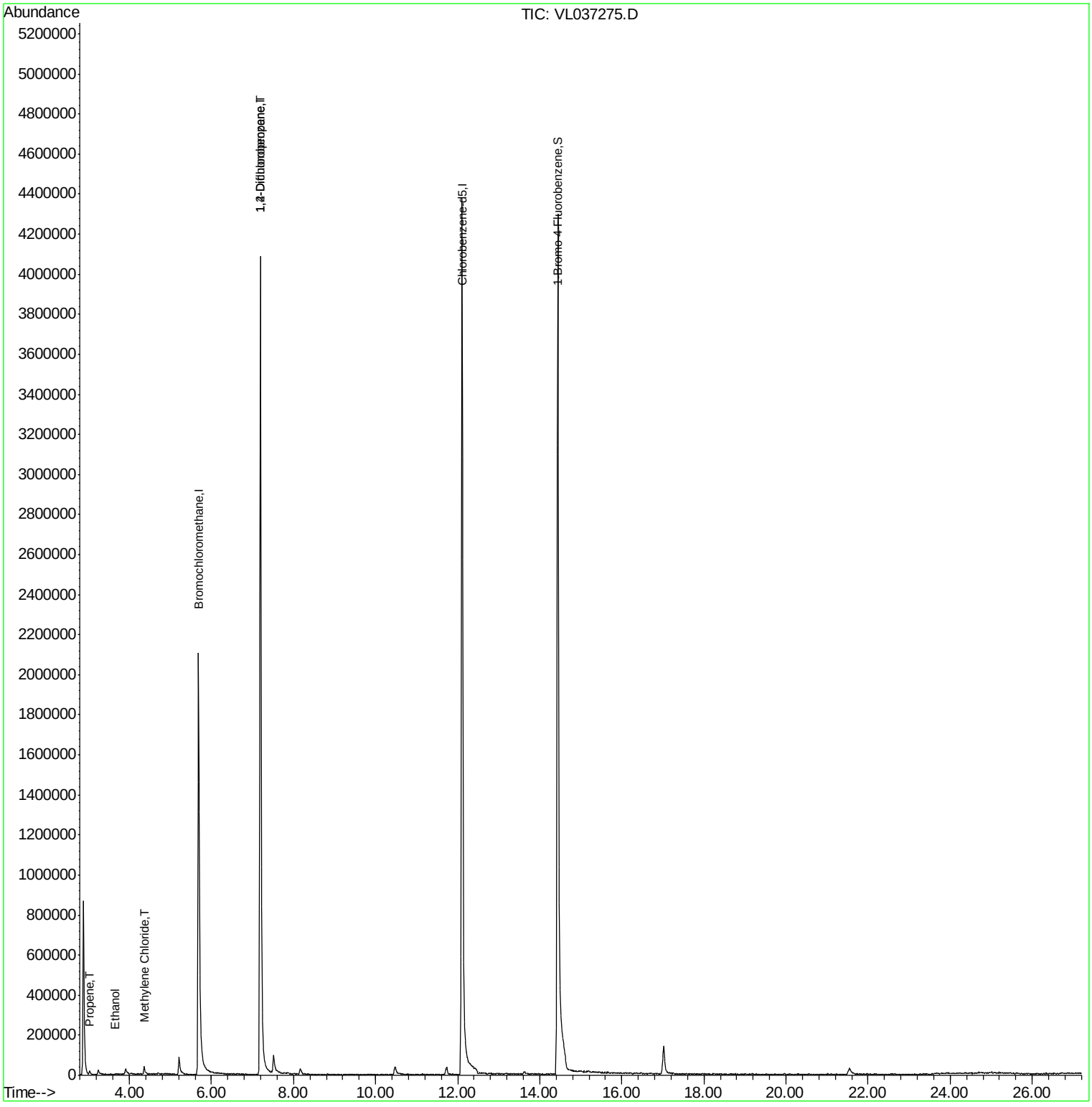
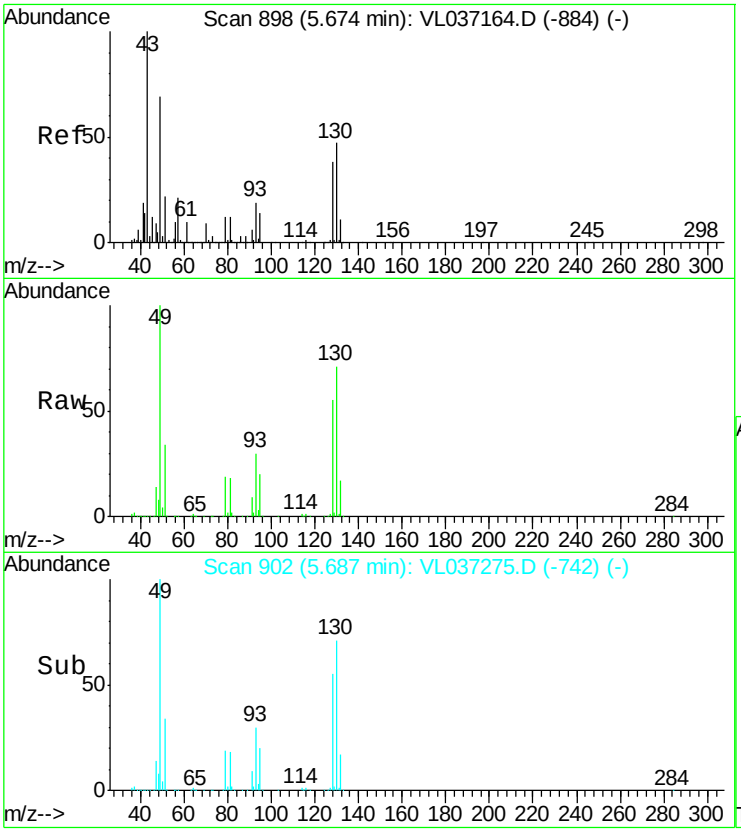


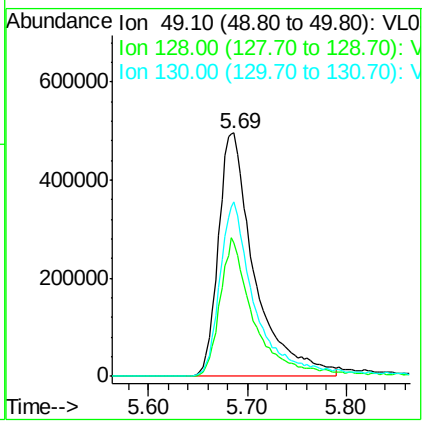


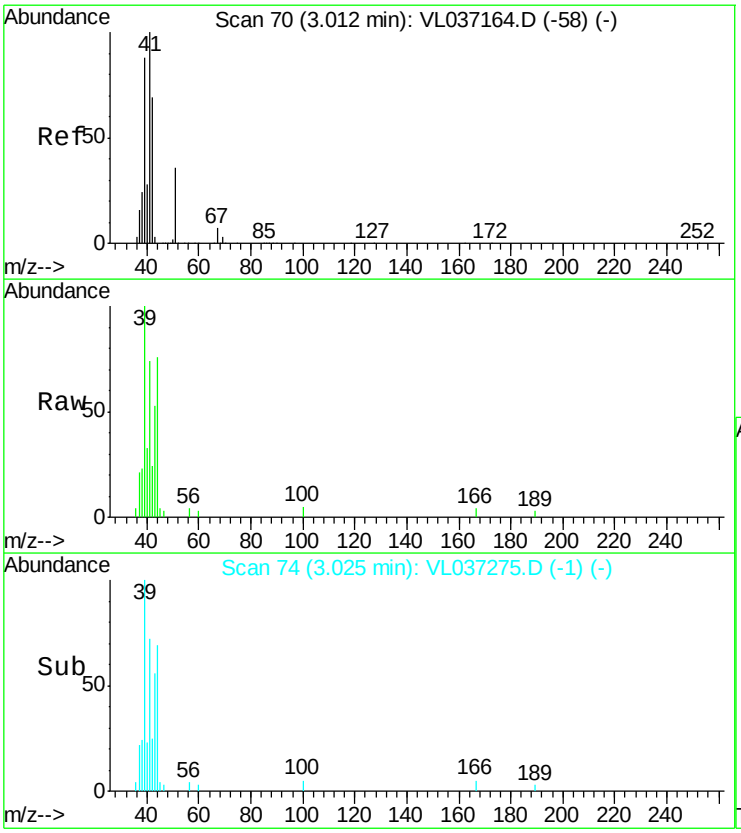
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Instrument :
MSVOA_L
ClientSampleId :
QC070121 CAN 10280

Tgt Ion: 49 Resp: 1274948

Ion	Ratio	Lower	Upper
49	100		
128	54.6	29.3	88.0
130	72.3	35.9	107.8

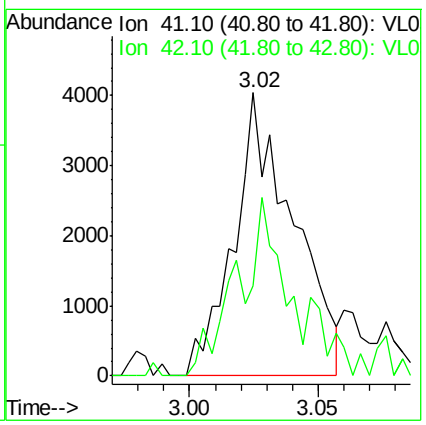


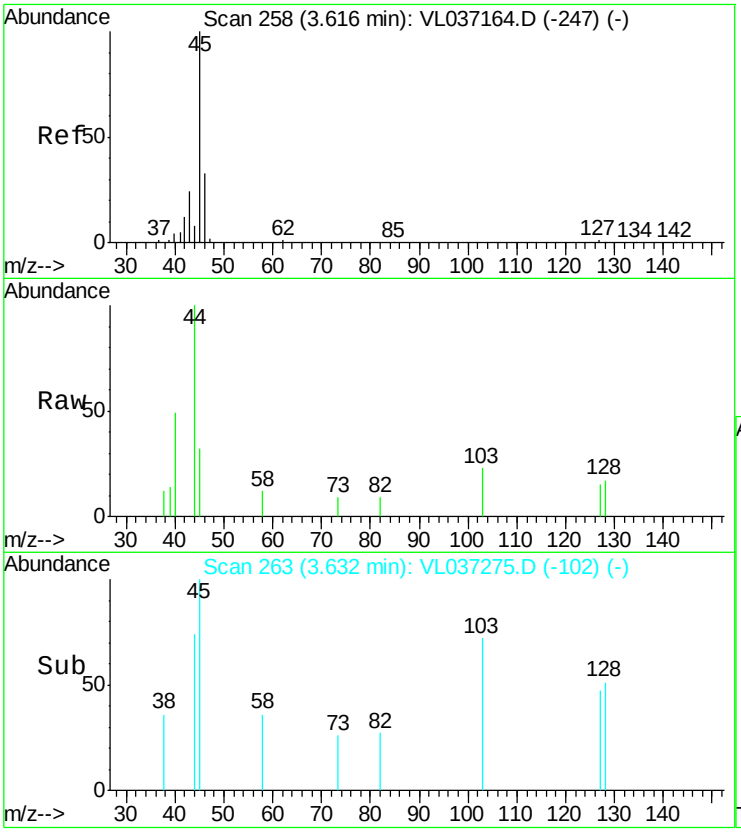


#9
Propene
Concen: 0.082 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Tgt Ion: 41 Resp: 6483

Ion	Ratio	Lower	Upper
41	100		
42	62.1	54.5	81.7



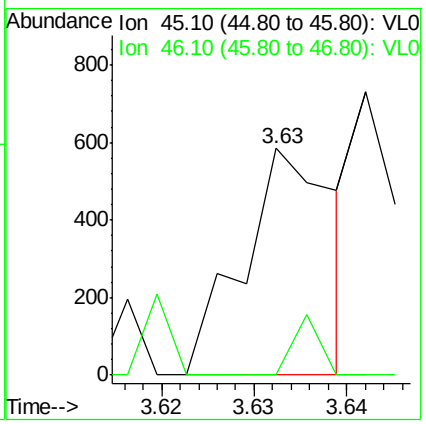


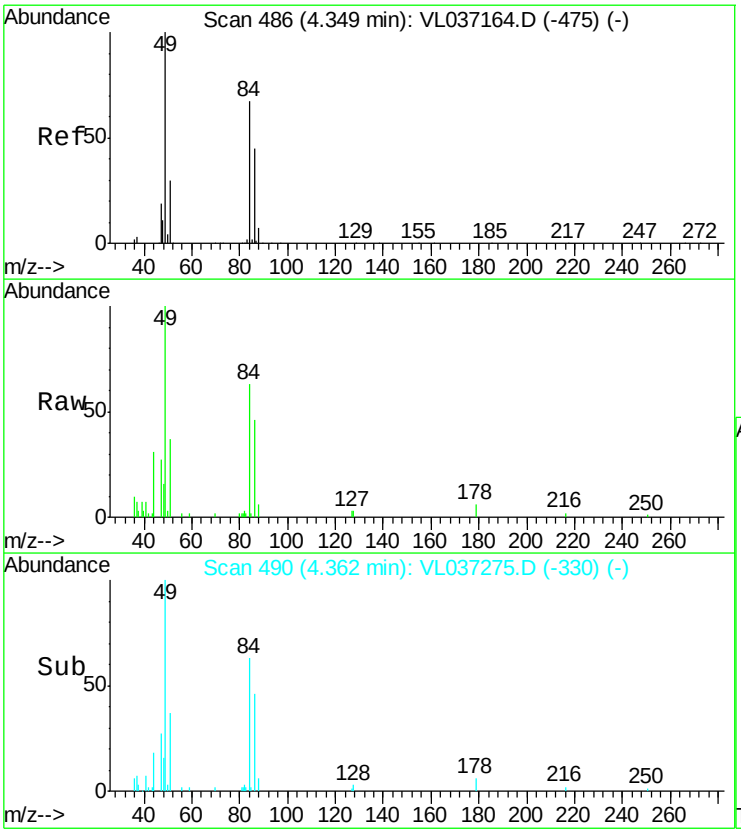
#13
Ethanol
Concen: 0.032 ppbv
RT: 3.63 min Scan# 263
Delta R.T. 0.02 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Instrument :
MSVOA_L
ClientSampleId :
QC070121 CAN 10280

Tgt Ion: 45 Resp: 396

Ion	Ratio	Lower	Upper
45	100		
46	0.0	34.2	137.0#

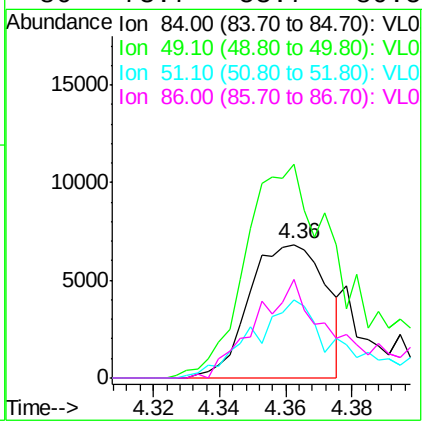


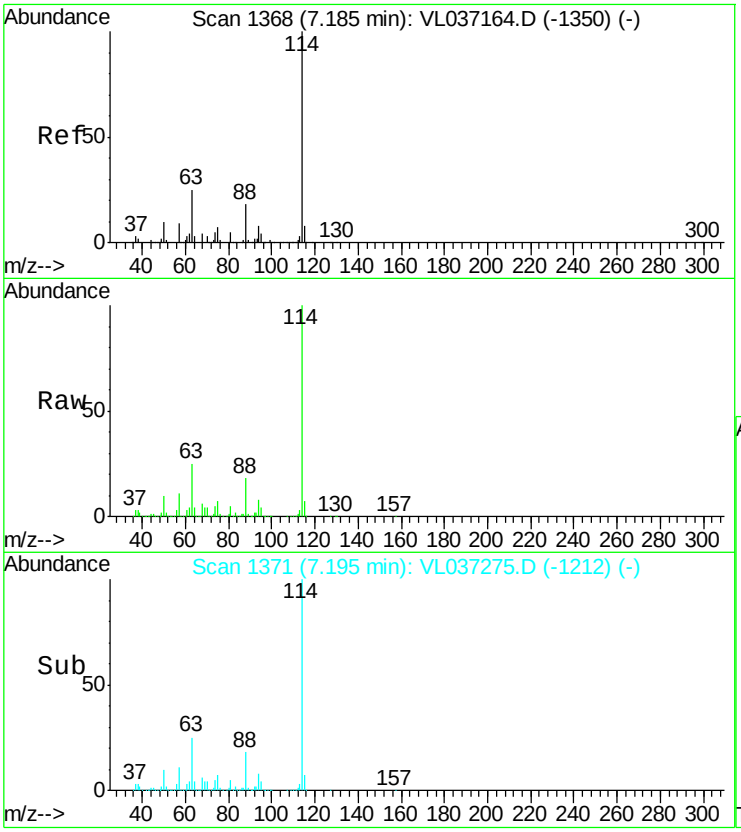


#20
Methylene Chloride
Concen: 0.128 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.01 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Tgt Ion: 84 Resp: 10996

Ion	Ratio	Lower	Upper
84	100		
49	153.7	119.7	179.5
51	56.2	36.1	54.1#
86	73.7	53.7	80.5



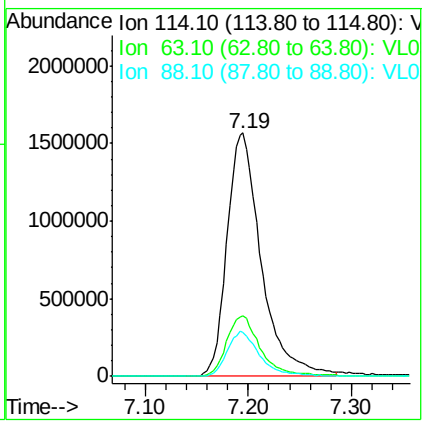


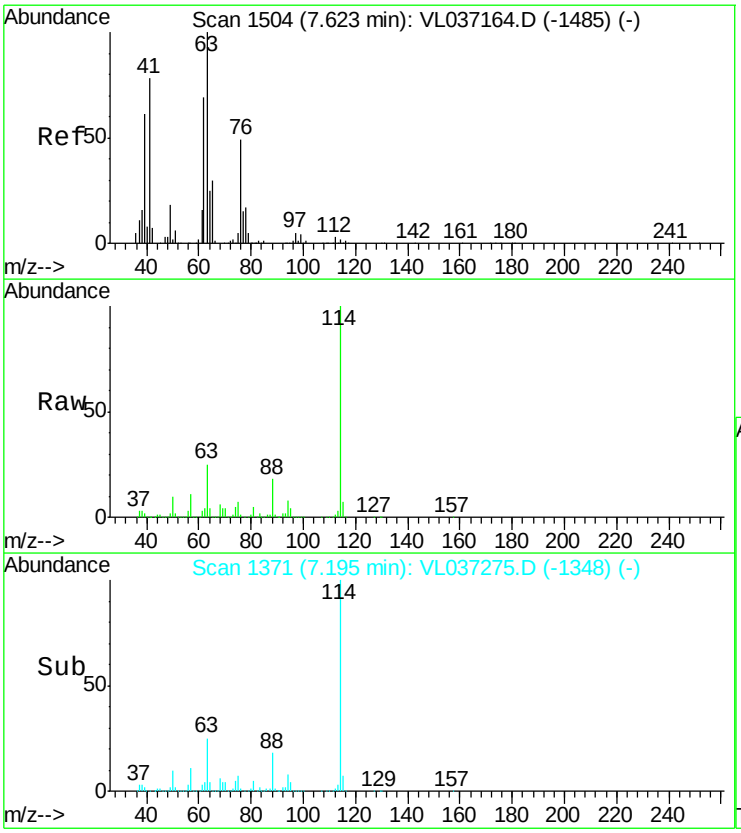
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Instrument :
MSVOA_L
ClientSampleId :
QC070121 CAN 10280

Tgt Ion:114 Resp: 3625601

Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.6	29.4
88	17.9	14.2	21.2

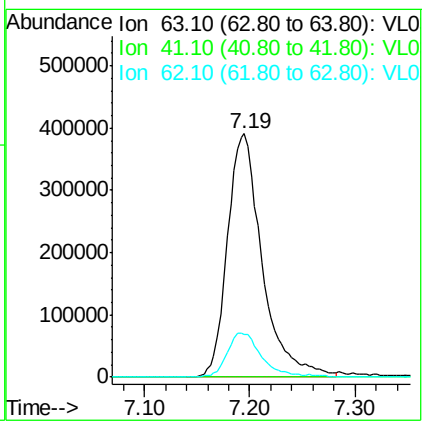


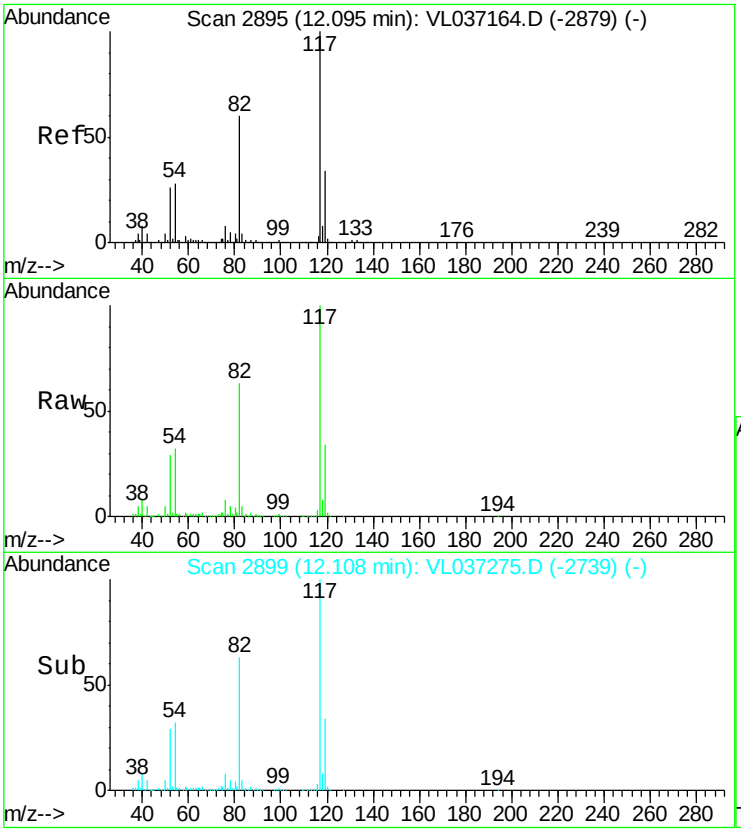


#39
1,2-Dichloropropane
Concen: 8.184 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. -0.43 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Tgt Ion: 63 Resp: 891544

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.0	93.0#
62	17.5	54.9	82.3#



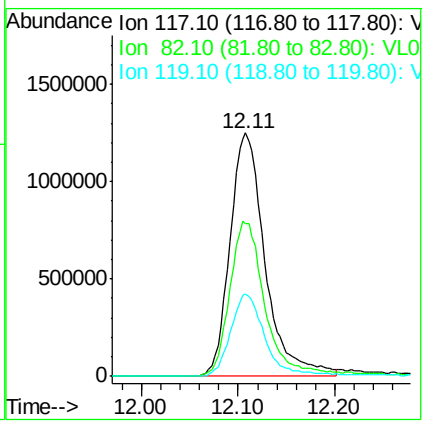


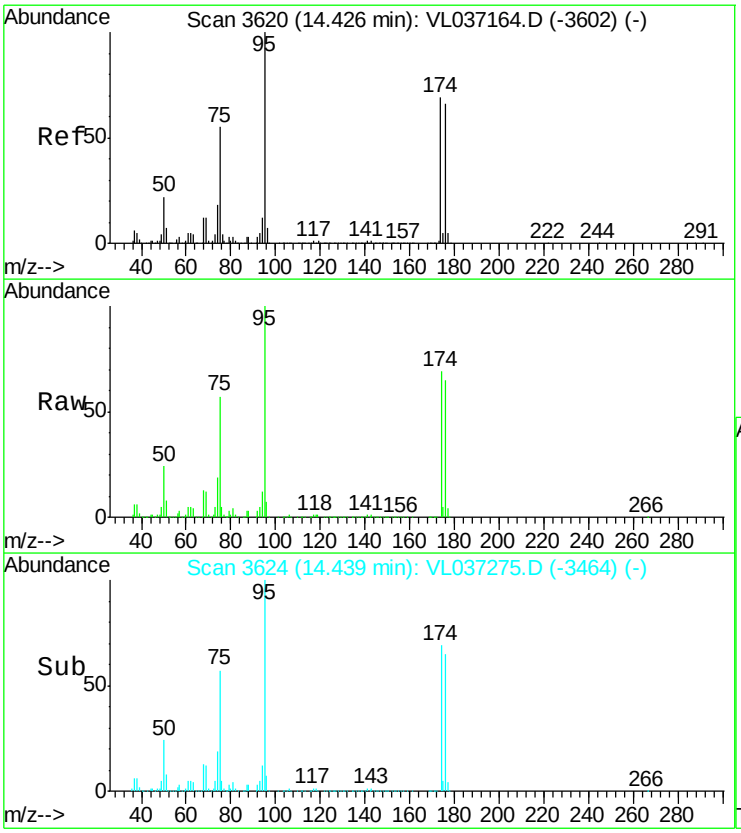
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.01 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Instrument :
MSVOA_L
ClientSampleId :
QC070121 CAN 10280

Tgt Ion:117 Resp: 3161820

Ion	Ratio	Lower	Upper
117	100		
82	65.7	51.7	77.5
119	33.4	47.6	71.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.460 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. 0.01 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Tgt Ion: 95 Resp: 2266574

Ion	Ratio	Lower	Upper
95	100		
174	77.3	57.0	85.4
175	5.5	4.4	6.6