Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102521\

Quantitation Report (Not Reviewed)

Data File : VL037906.D
Acq On : 26 Oct 2021 8:11
Operator : SY/AP
Sample : QC102521 CAN 10279
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC102521 CAN 10279

Quant Time: Oct 26 15:49:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1447326	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.22	114	4256431	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.13	117	3594242	10.00	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2484605	9.89	ppbv	0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.90%			
Target Compounds						Qvalue
4) Chloromethane	3.17	50	2296	0.023	ppbv #	44
9) Propene	3.05	41	4964	0.049	ppbv #	16
13) Ethanol	3.64	45	320	0.038	ppbv #	27
20) Methylene Chloride	4.38	84	10002	0.152	ppbv #	81
39) 1,2-Dichloropropane	7.27	63	22699	0.166	ppbv #	30

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102521\

Quantitation Report (Not Reviewed)

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Acq On : 26 Oct 2021 8:11
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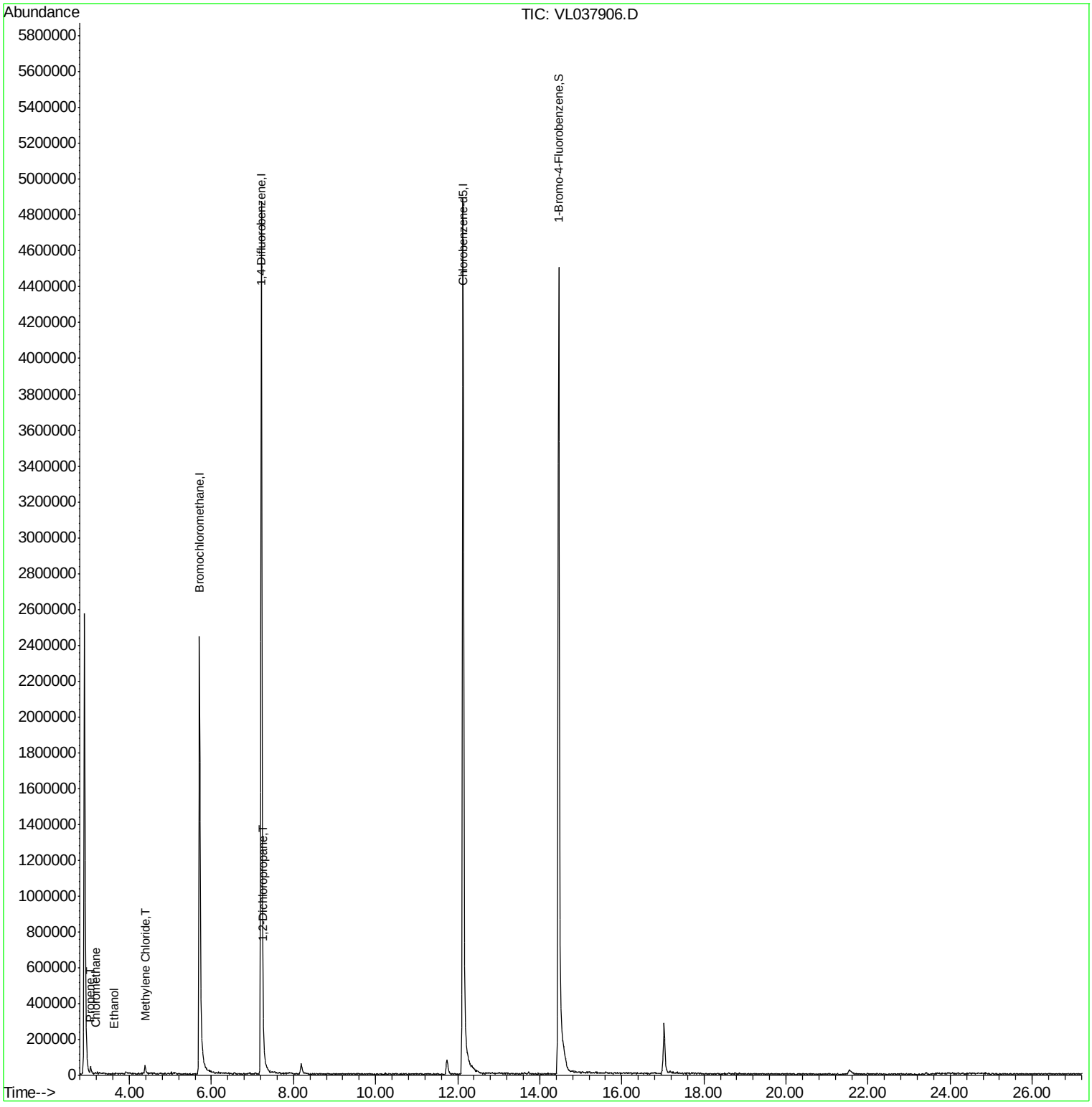
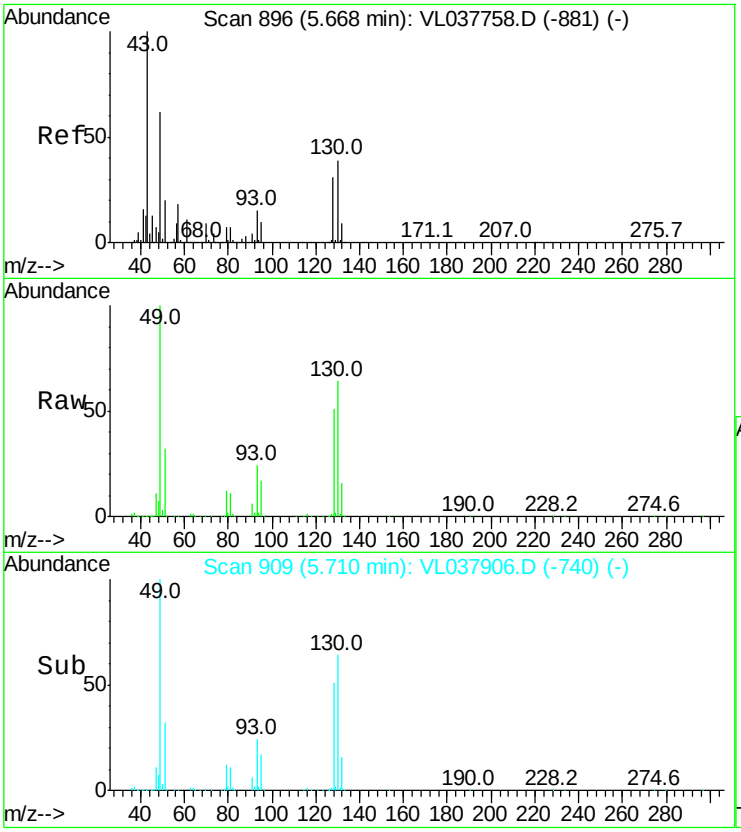


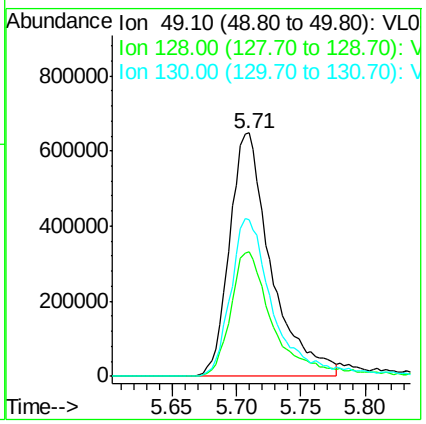


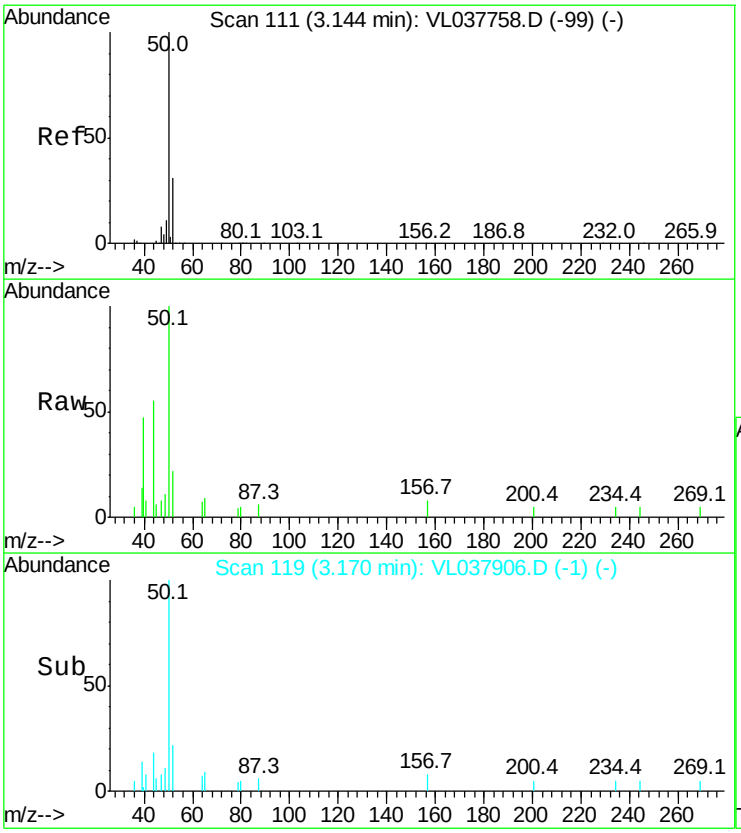
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.71
Delta R.T
Lab File:
Acq: 26 Oct 2021 8:11

Instrument :
MSVOA_L
ClientSampleId :
QC102521 CAN 10279

Tgt Ion: 49 Resp: 1447326

Ion	Ratio	Lower	Upper
49	100		
128	53.5	27.1	81.3
130	69.4	33.2	99.6

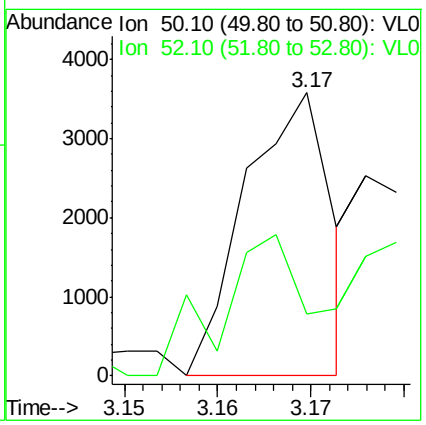


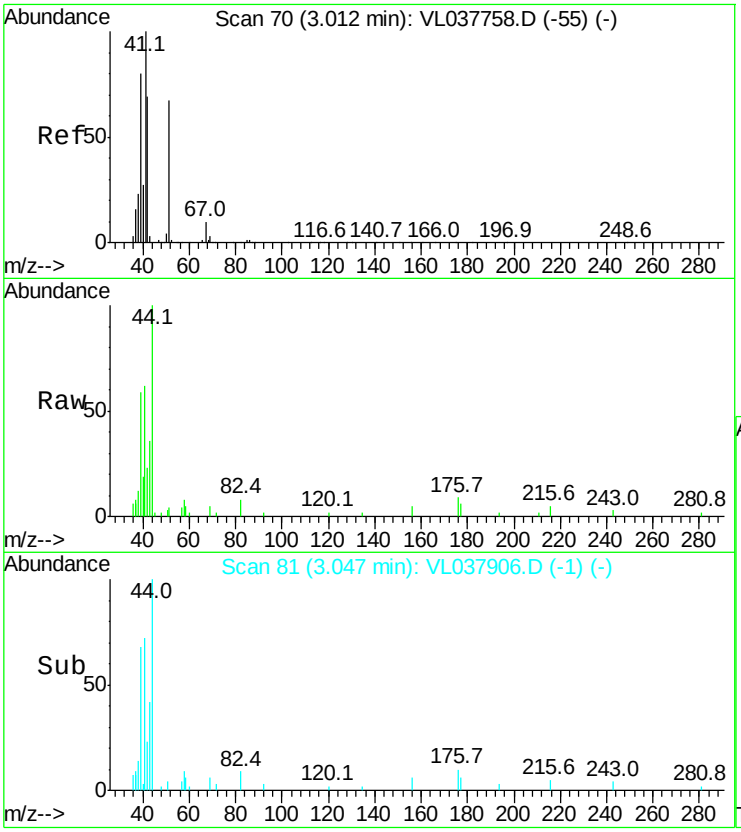


#4
Chloromethane
Concen: 0.023 ppbv
RT: 3.17 min Scan# 119
Delta R.T. 0.03 min
Lab File: VL037906.D
Acq: 26 Oct 2021 8:11

Tgt Ion: 50 Resp: 2296

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.4	36.6#



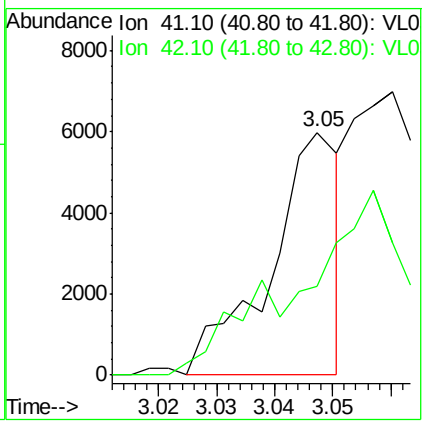


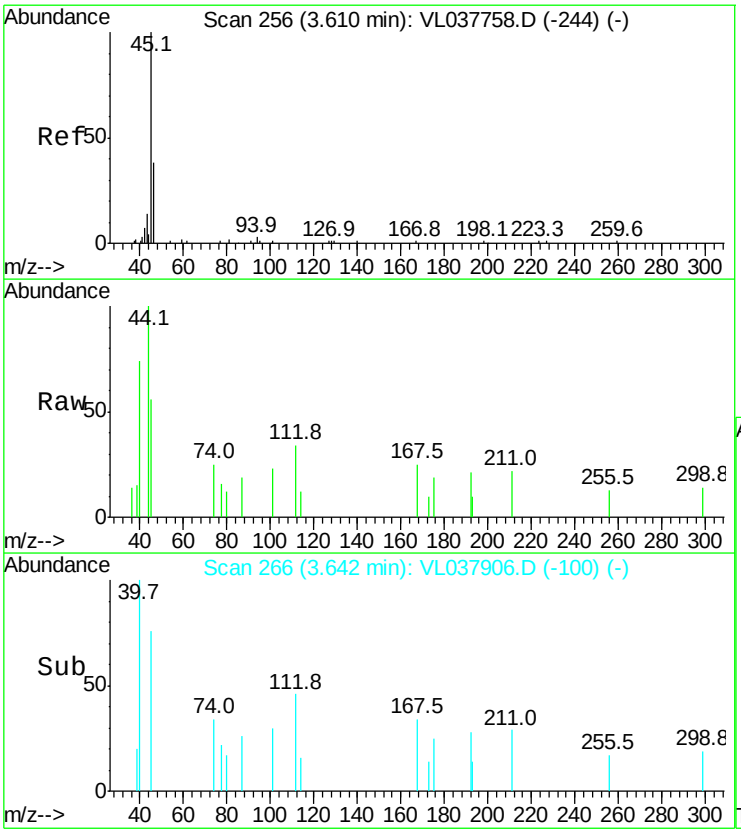
#9
Propene
Concen: 0.049 ppbv
RT: 3.05
Delta R.T
Lab File:
Acq: 26 Oct 2021 8:11

Instrument :
MSVOA_L
ClientSampleId :
QC102521 CAN 10279

Tgt Ion: 41 Resp: 4964

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.2	81.2#

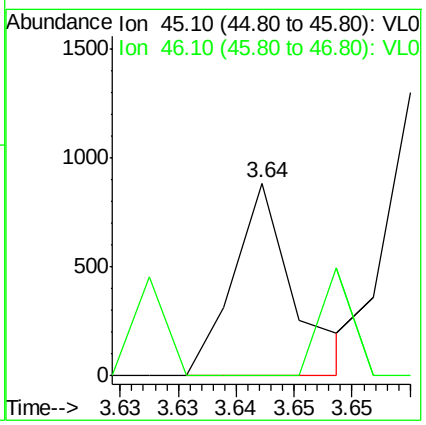


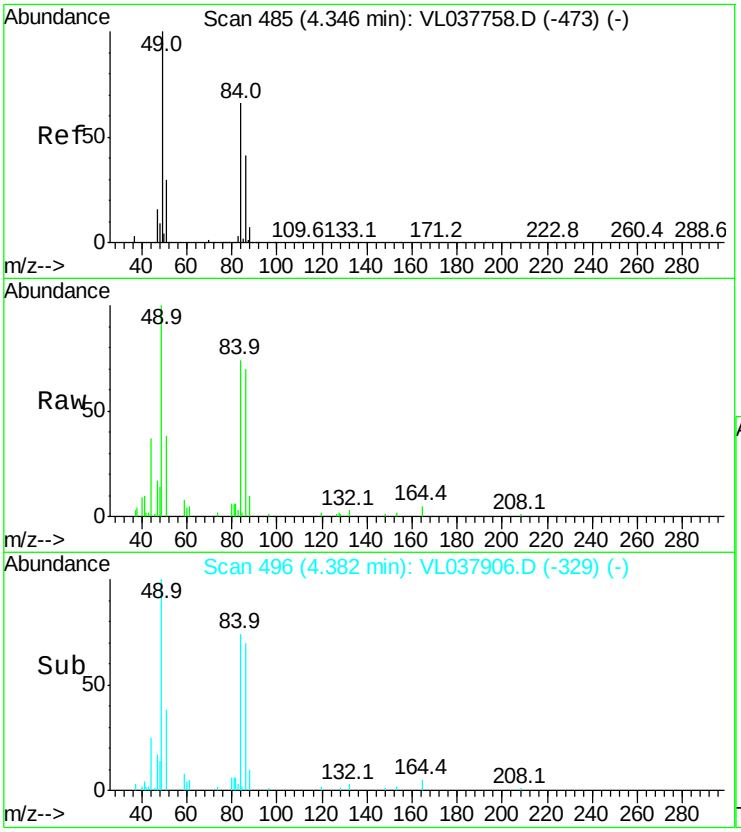


#13
Ethanol
Concen: 0.038 ppbv
RT: 3.64 min Scan# 266
Delta R.T. 0.03 min
Lab File: VL037906.D
Acq: 26 Oct 2021 8:11

Tgt Ion: 45 Resp: 320

Ion	Ratio	Lower	Upper
45	100		
46	0.0	20.2	81.0#



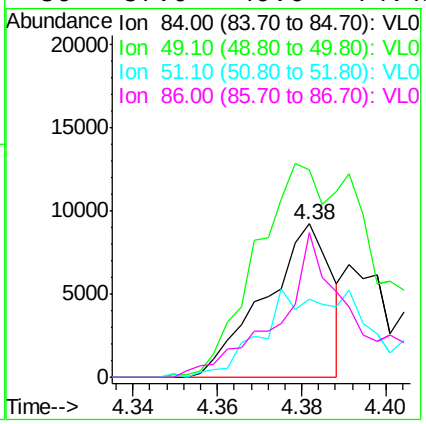


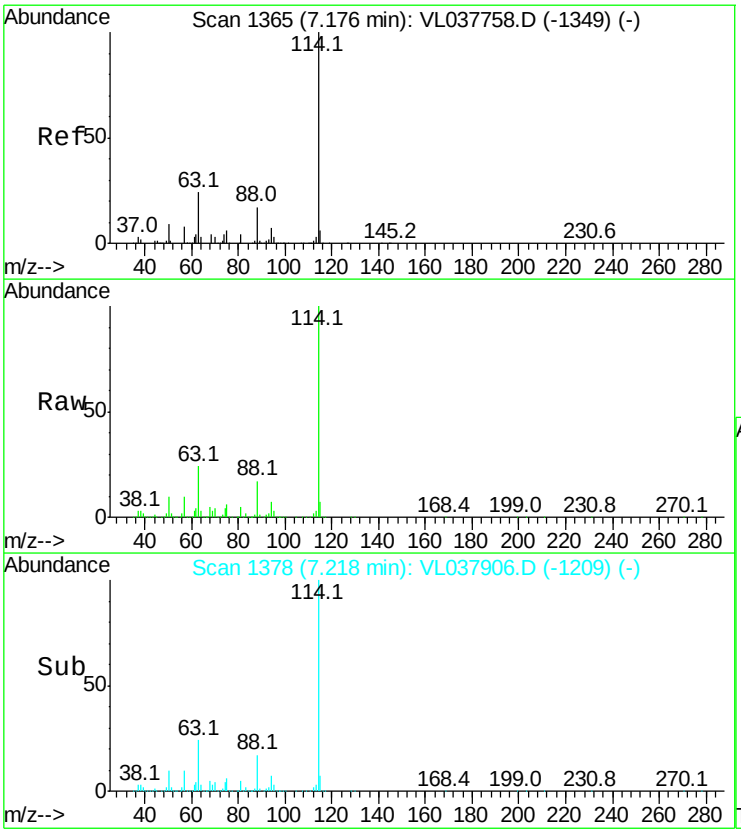
#20
Methylene Chloride
Concen: 0.152 ppbv
RT: 4.38
Delta R.T
Lab File:
Acq: 26 Oct 2021 8:11

Instrument :
MSVOA_L
ClientSampleId :
QC102521 CAN 10279

Tgt Ion: 84 Resp: 10002

Ion	Ratio	Lower	Upper
84	100		
49	128.4	120.7	181.1
51	49.6	36.2	54.4
86	87.0	49.6	74.4#

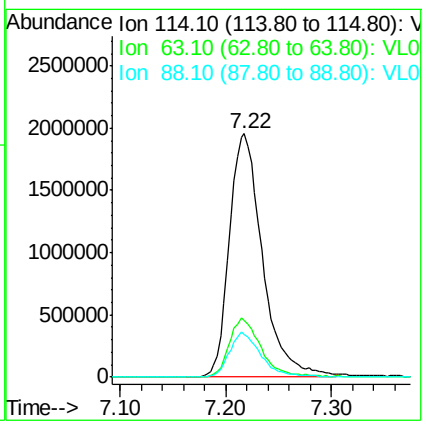


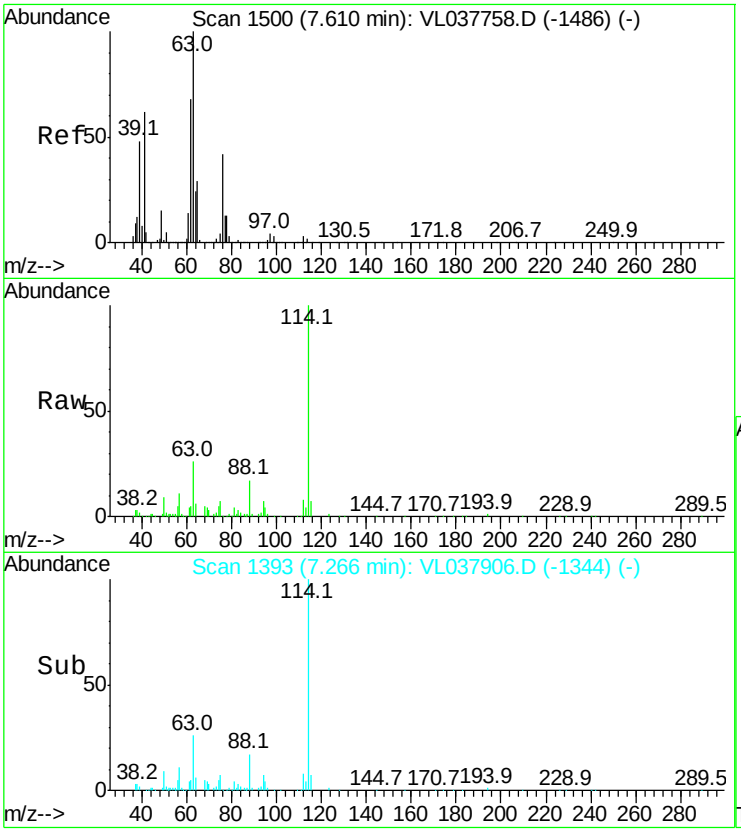


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. 0.04 min
Lab File: VL037906.D
Acq: 26 Oct 2021 8:11

Tgt Ion:114 Resp: 4256431

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.4	29.2
88	17.7	14.4	21.6



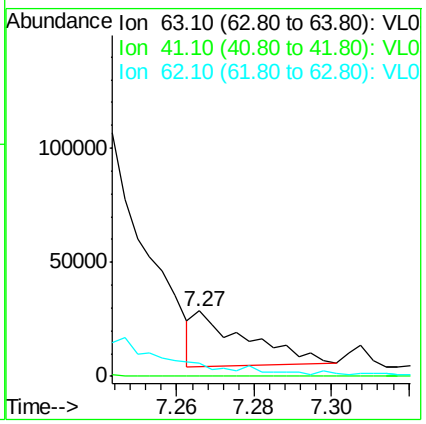


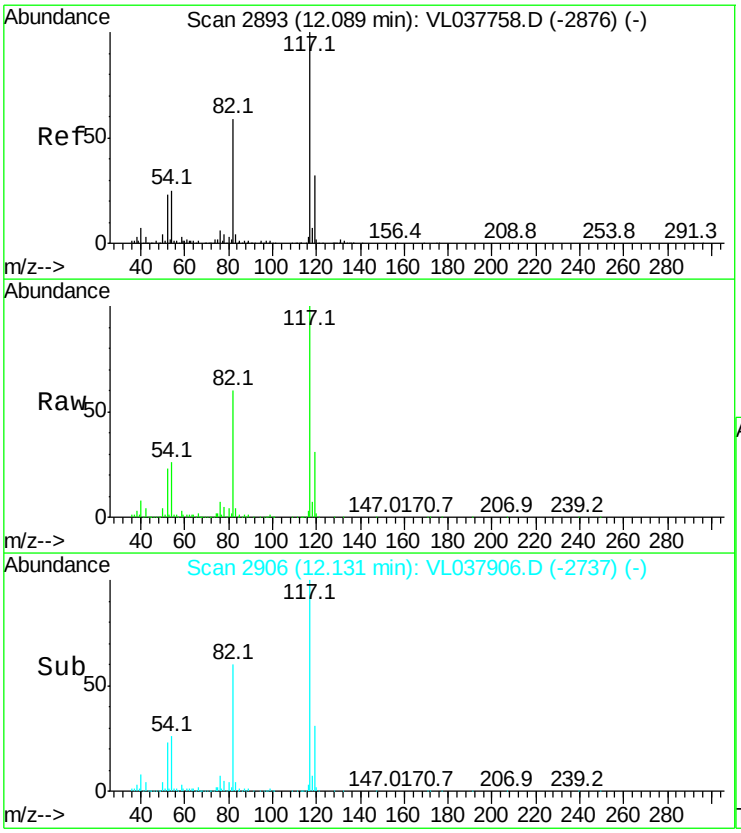
#39
1,2-Dichloropropane
Concen: 0.166 ppbv
RT: 7.27
Delta R.T
Lab File:
Acq: 26 Oct 2021 8:11

Instrument :
MSVOA_L
ClientSampleId :
QC102521 CAN 10279

Tgt Ion: 63 Resp: 22699

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	19.3	54.6	82.0#

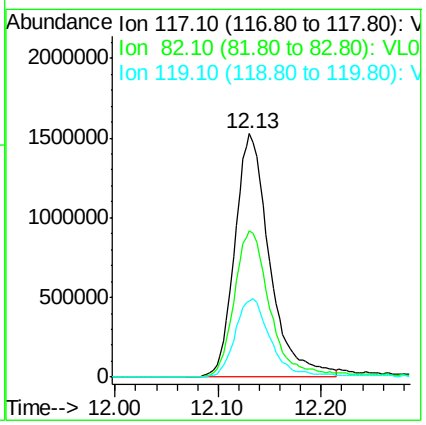


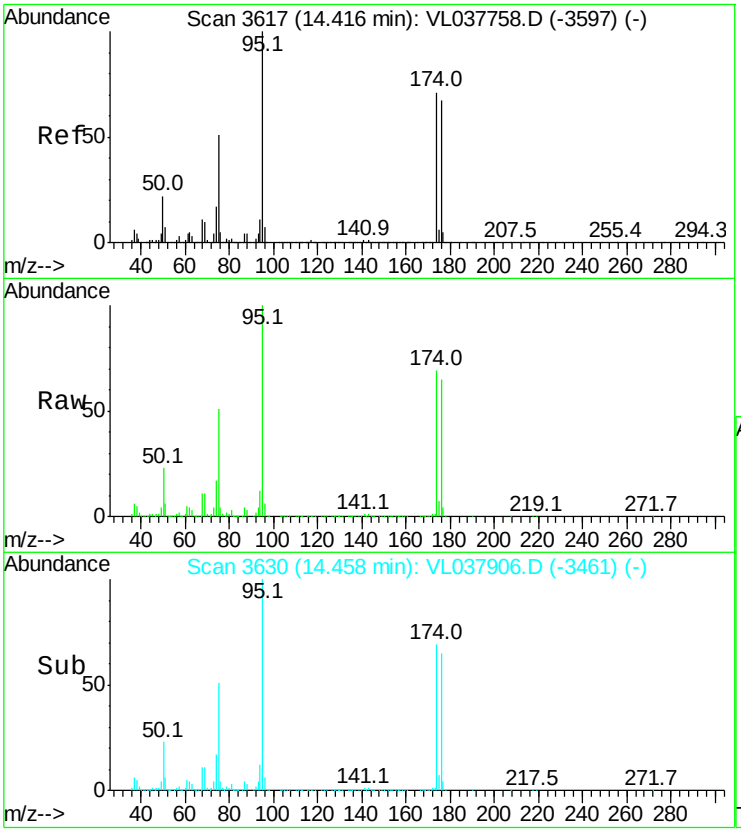


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.04 min
Lab File: VL037906.D
Acq: 26 Oct 2021 8:11

Tgt Ion:117 Resp: 3594242

Ion	Ratio	Lower	Upper
117	100		
82	64.1	52.2	78.2
119	33.7	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.885 ppbv
RT: 14.46
Delta R.T
Lab File:
Acq: 26 Oct 2021 8:11

Instrument :
MSVOA_L
ClientSampleId :
QC102521 CAN 10279

Tgt Ion: 95 Resp: 2484605

Ion	Ratio	Lower	Upper
95	100		
174	73.6	57.8	86.6
175	5.4	4.7	7.1