Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110221\
Data File : VL037971.D
Acq On : 2 Nov 2021 17:09
Operator : SY/AP
Sample : M4447-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Quant Time: Nov 03 03:49:38 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1338385	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3743353	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3237471	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2309320	9.81	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.10%			
Target Compounds						Qvalue
4) Chloromethane	3.14	50	3144	0.033	ppbv #	88
9) Propene	3.02	41	8567	0.096	ppbv #	78
13) Ethanol	3.61	45	4787	0.531	ppbv #	32
15) Acetone	3.87	43	45012	0.407	ppbv #	36
20) Methylene Chloride	4.34	84	136459	2.248	ppbv	96
25) Ethyl Acetate	5.67	43	13195	0.040	ppbv #	74
26) Hexane	5.68	57	46865	0.301	ppbv #	45
39) 1,2-Dichloropropane	7.16	63	895062	7.803	ppbv #	27

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

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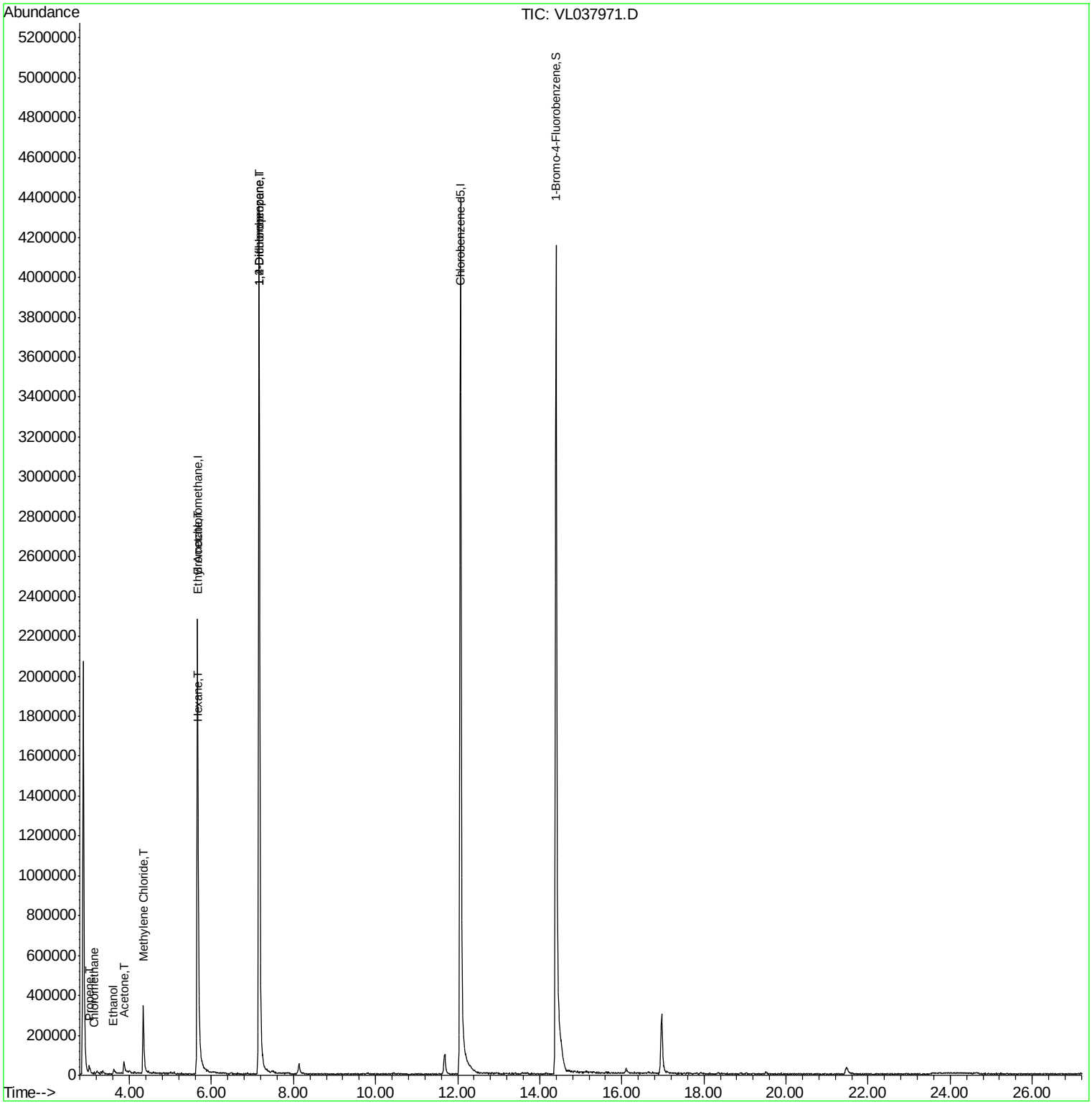
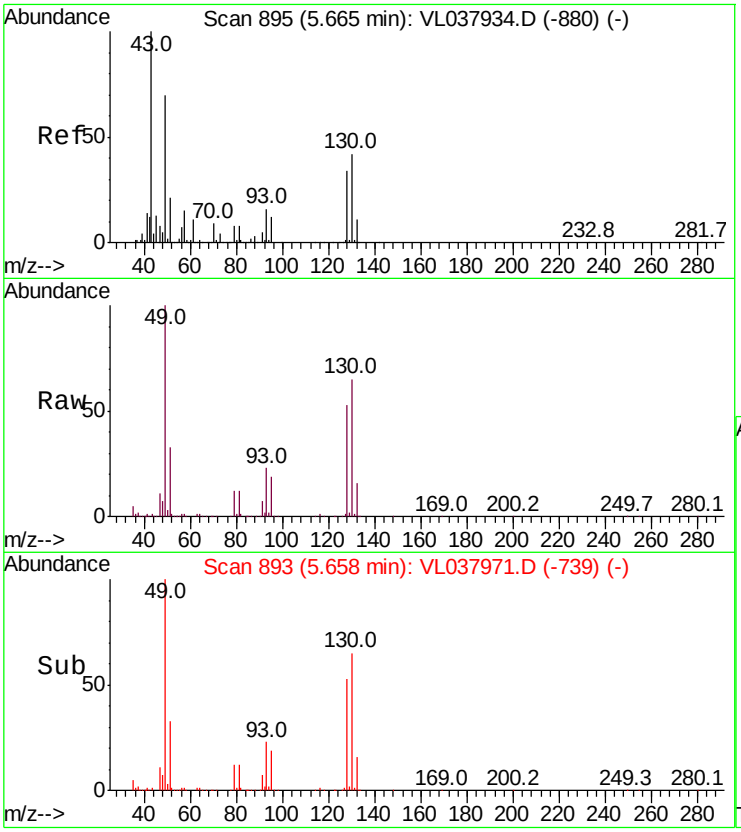


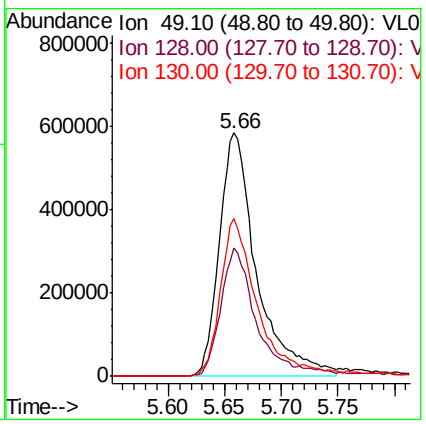


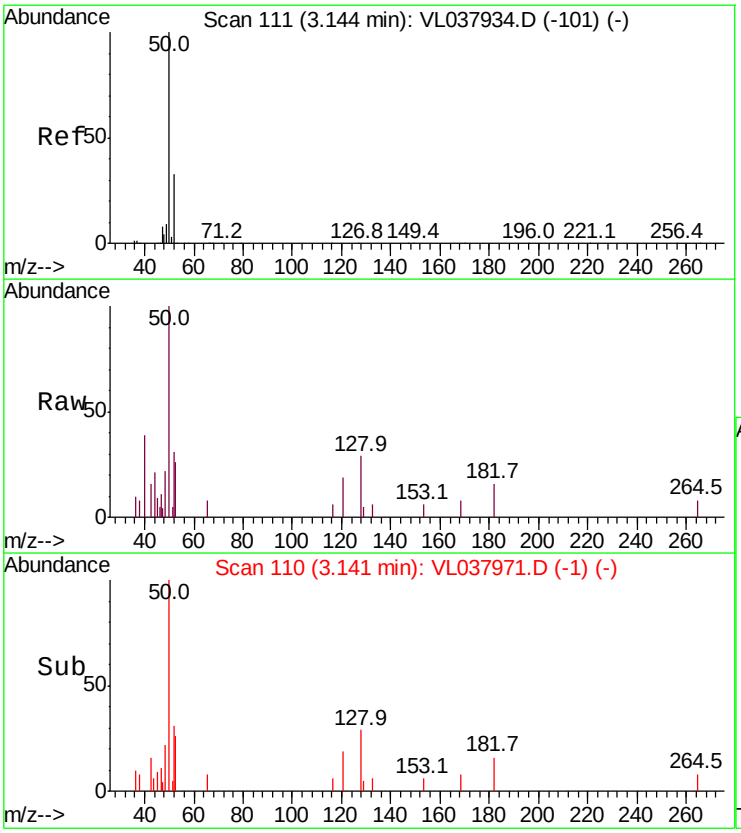
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 2 Nov 2021 17:09

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 49 Resp: 1338385

Ion	Ratio	Lower	Upper
49	100		
128	52.5	27.0	81.0
130	66.7	33.4	100.2

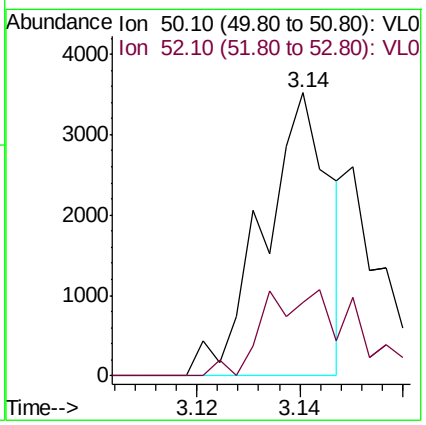


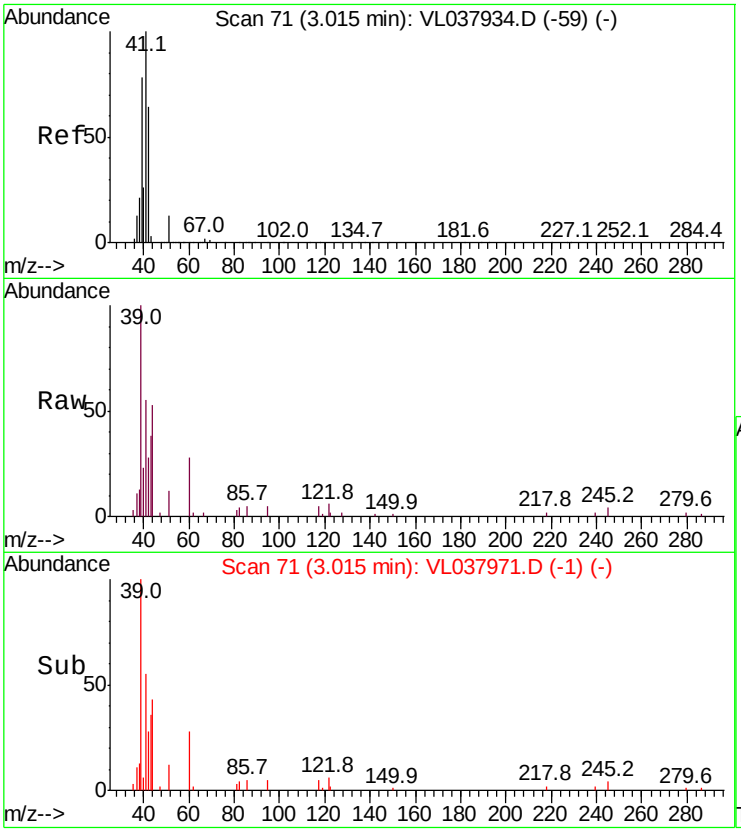


#4
Chloromethane
Concen: 0.033 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL037971.D
Acq: 2 Nov 2021 17:09

Tgt Ion: 50 Resp: 3144

Ion	Ratio	Lower	Upper
50	100		
52	26.2	26.3	39.5#



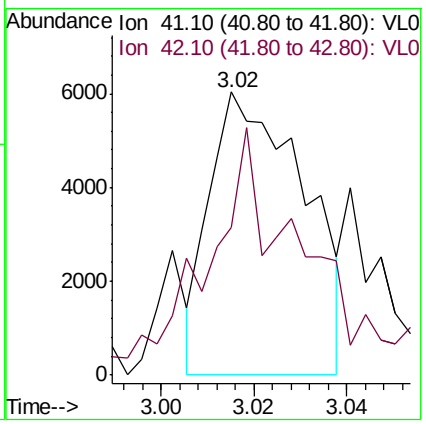


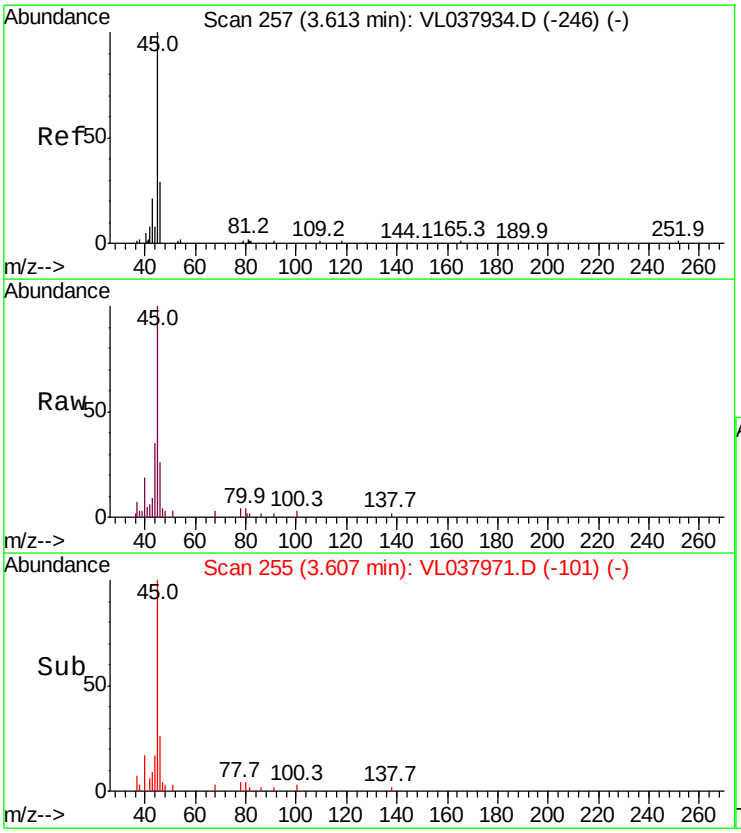
#9
Propene
Concen: 0.096 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 2 Nov 2021 17:09

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 41 Resp: 8567

Ion	Ratio	Lower	Upper
41	100		
42	90.3	57.6	86.4#

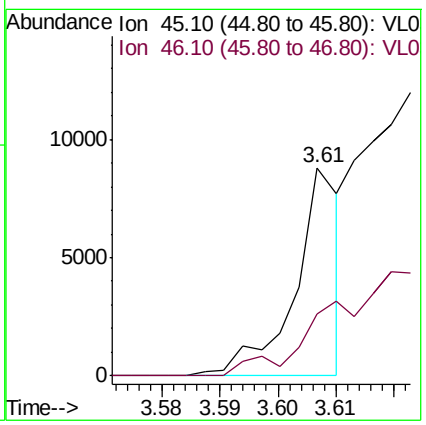


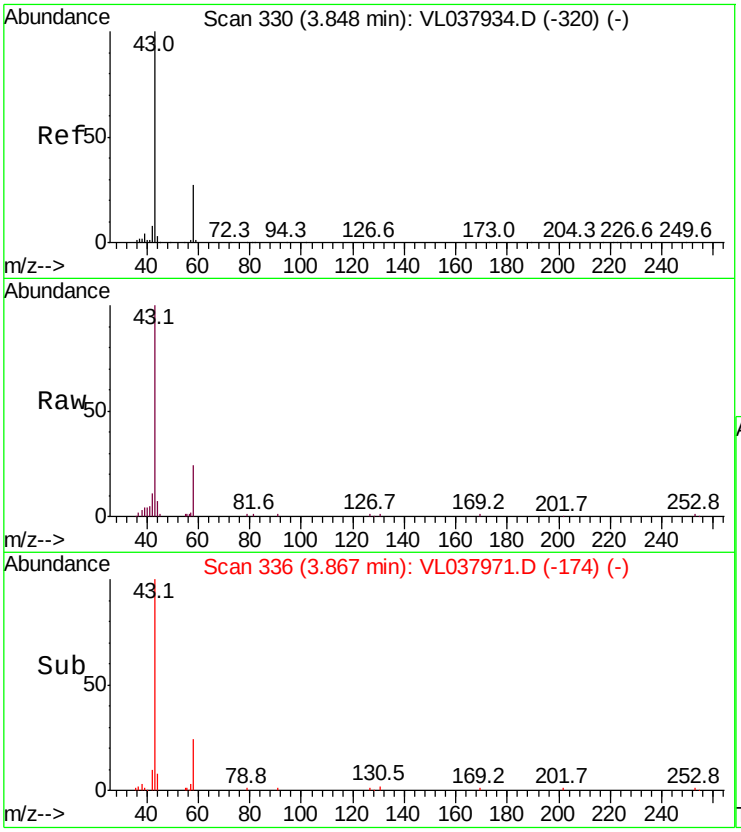


#13
Ethanol
Concen: 0.531 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.01 min
Lab File: VL037971.D
Acq: 2 Nov 2021 17:09

Tgt Ion: 45 Resp: 4787

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.4	69.8#



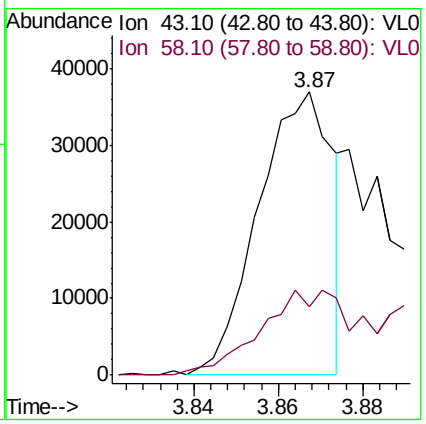


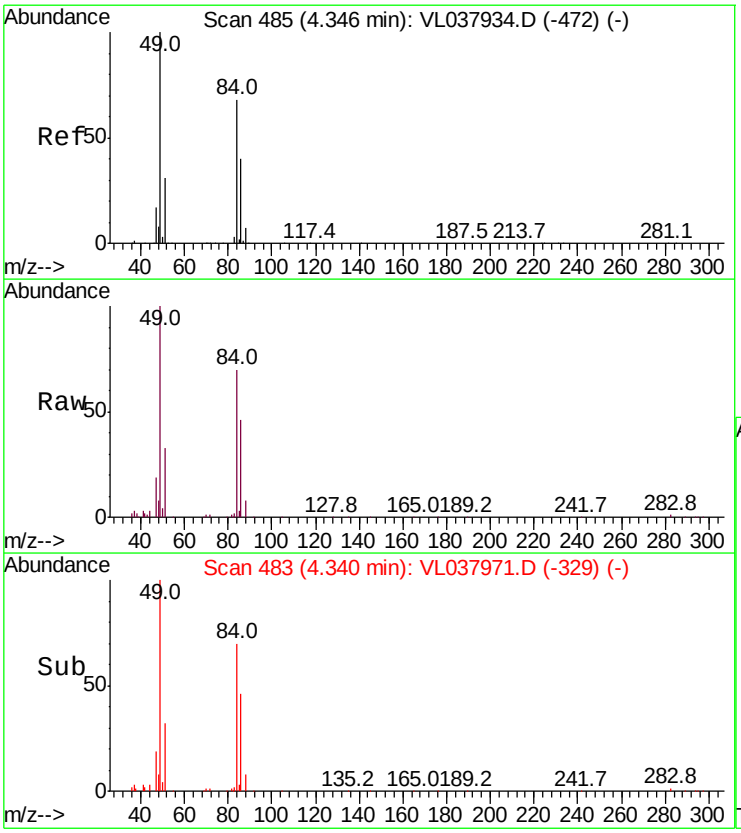
#15
Acetone
Concen: 0.407 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 2 Nov 2021 17:09

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 43 Resp: 45012

Ion	Ratio	Lower	Upper
43	100		
58	63.4	23.3	34.9#

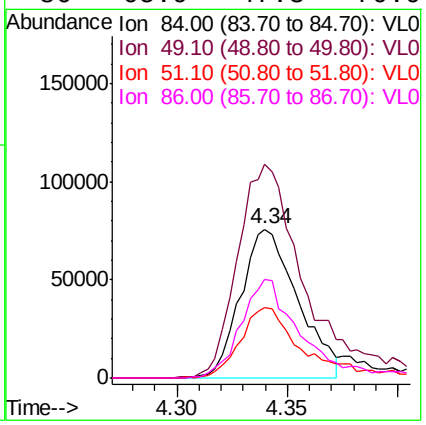


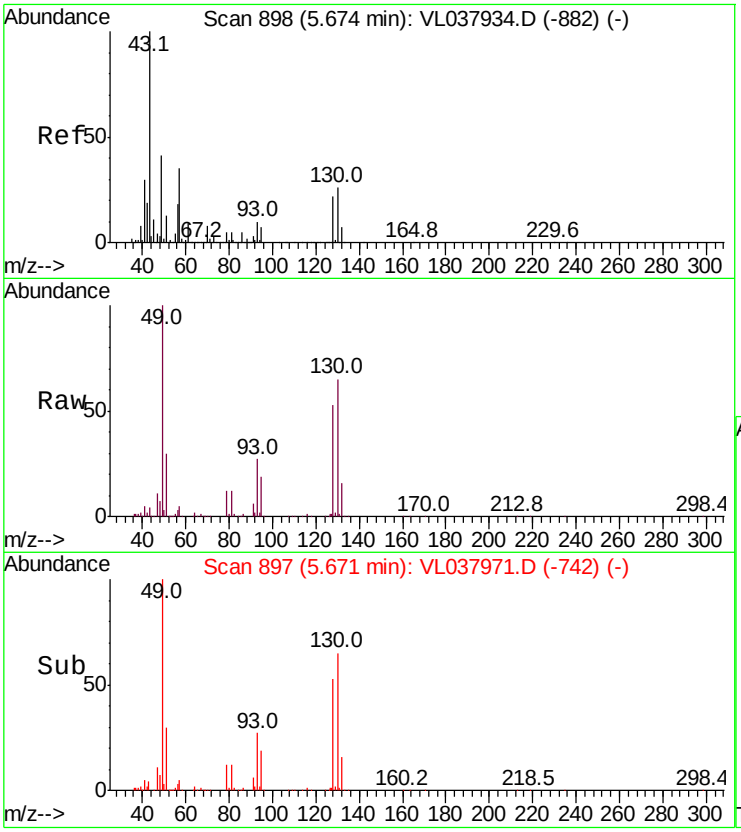


#20
Methylene Chloride
Concen: 2.248 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037971.D
Acq: 2 Nov 2021 17:09

Tgt Ion: 84 Resp: 136459

Ion	Ratio	Lower	Upper
84	100		
49	143.0	117.5	176.3
51	46.2	35.9	53.9
86	65.9	47.3	70.9



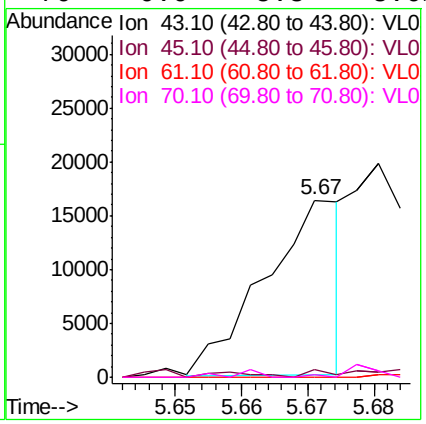


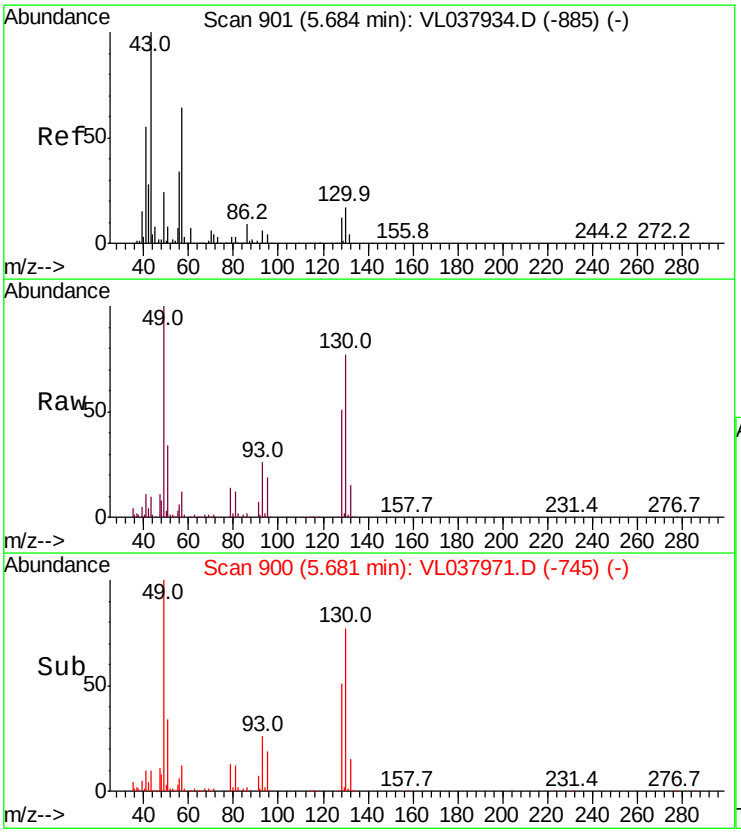
#25
Ethyl Acetate
Concen: 0.040 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 2 Nov 2021 17:09

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion: 43 Resp: 13195

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.1	12.1#
61	0.0	8.1	12.1#
70	0.0	5.8	8.6#

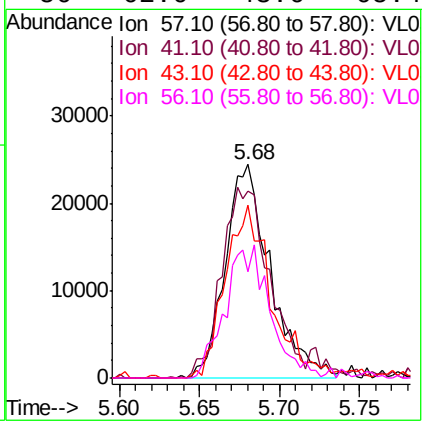


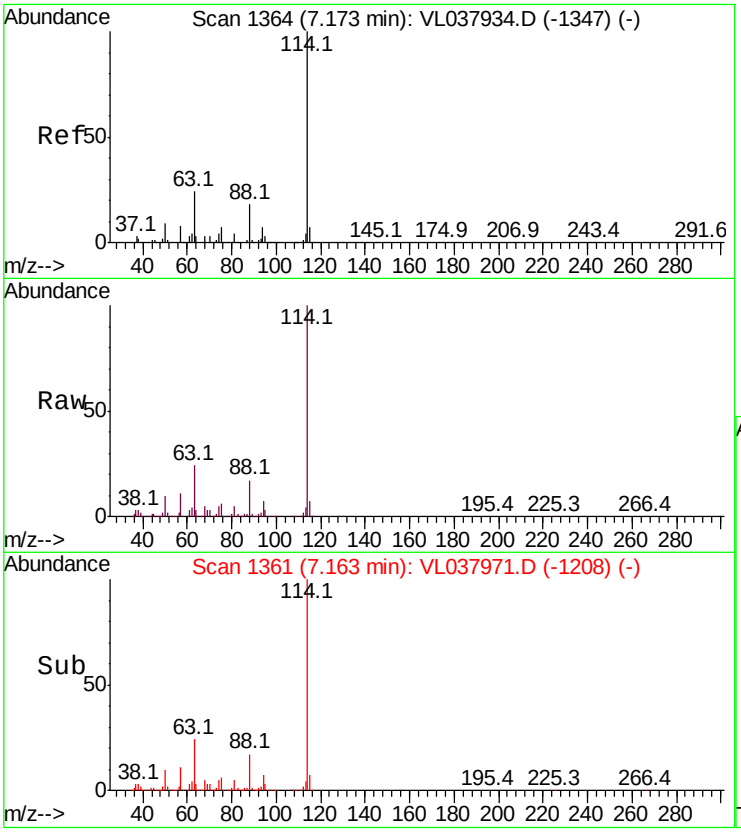


#26
Hexane
Concen: 0.301 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037971.D
Acq: 2 Nov 2021 17:09

Tgt Ion: 57 Resp: 46865

Ion	Ratio	Lower	Upper
57	100		
41	102.1	71.0	106.6
43	85.0	173.0	259.6#
56	62.0	43.6	65.4



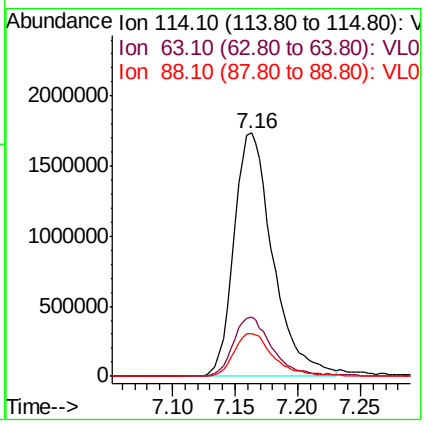


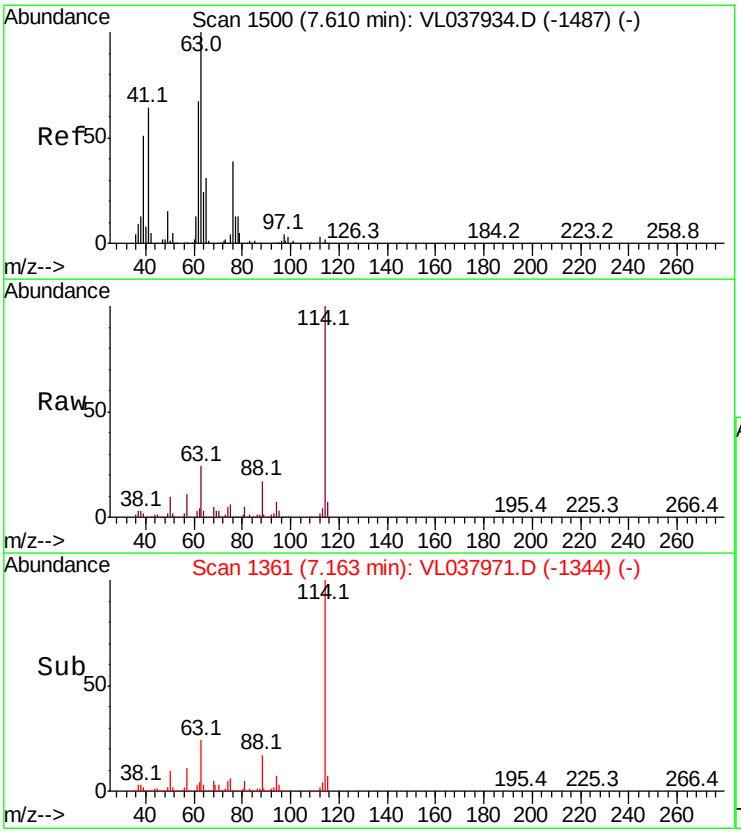
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 2 Nov 2021 17:09

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion:114 Resp: 3743353

Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.4	29.0
88	18.1	14.2	21.4

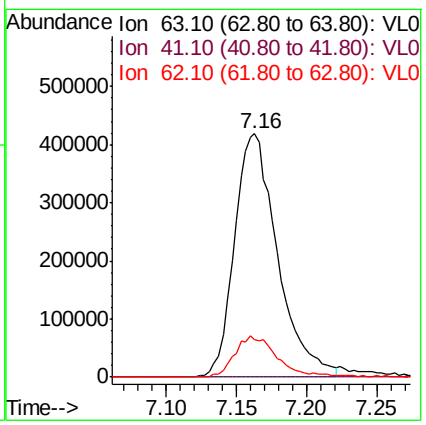


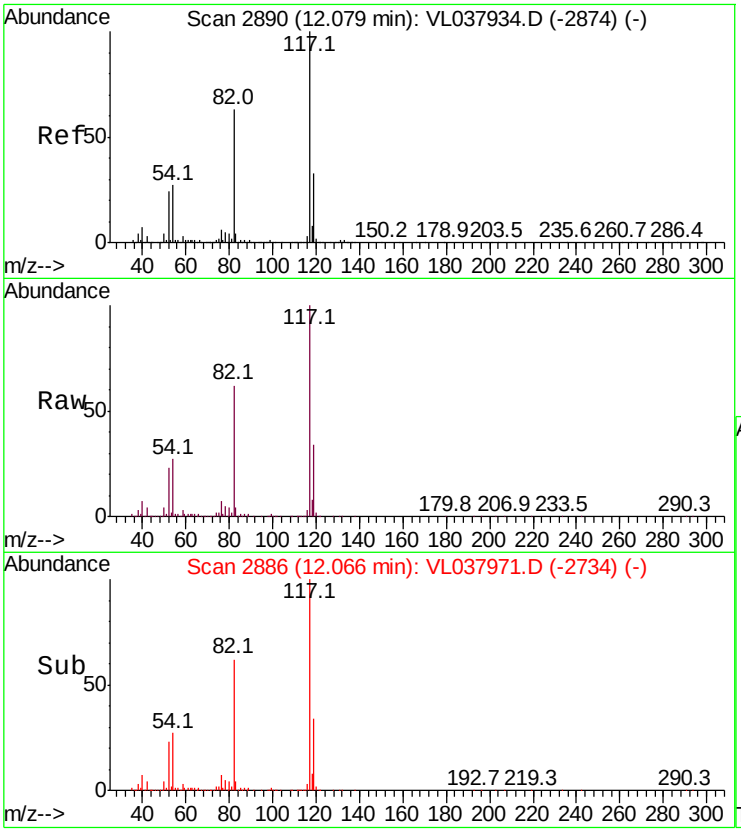


#39
1,2-Dichloropropane
Concen: 7.803 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.45 min
Lab File: VL037971.D
Acq: 2 Nov 2021 17:09

Tgt Ion: 63 Resp: 895062

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	15.6	53.5	80.3#



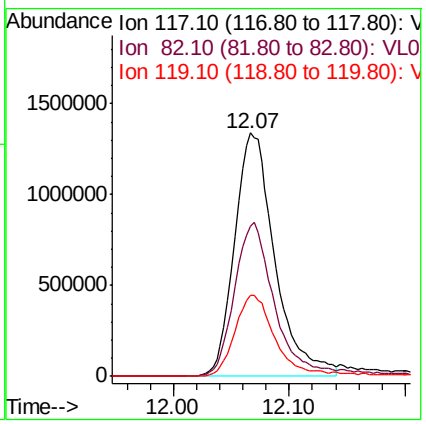


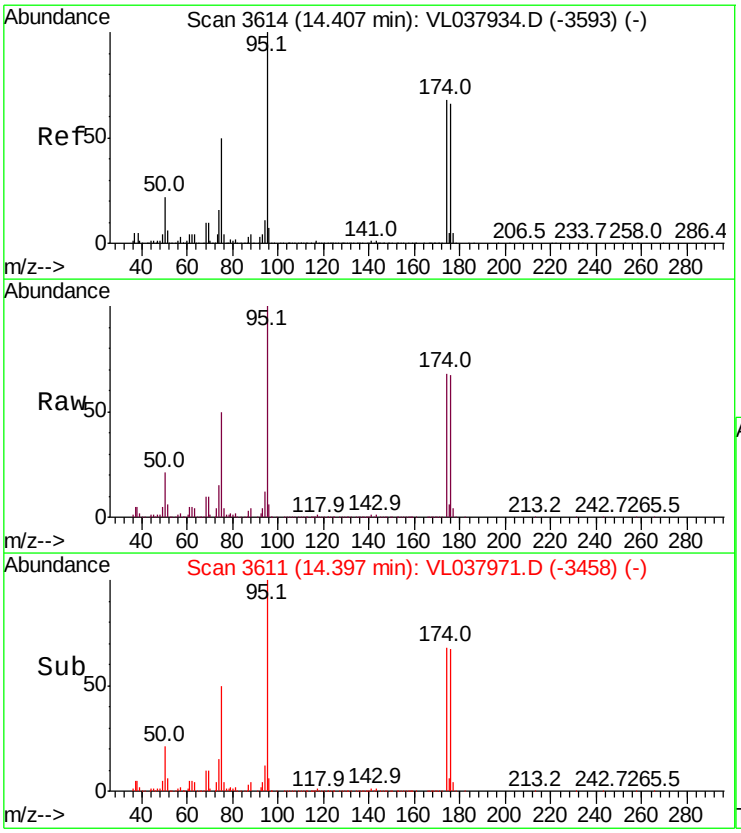
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 2 Nov 2021 17:09

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

Tgt Ion:117 Resp: 3237471

Ion	Ratio	Lower	Upper
117	100		
82	66.5	51.0	76.6
119	33.9	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.813 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.01 min
Lab File: VL037971.D
Acq: 2 Nov 2021 17:09

Tgt Ion: 95 Resp: 2309320

Ion	Ratio	Lower	Upper
95	100		
174	77.1	58.3	87.5
175	5.2	4.6	6.8