Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040722\
Data File : VL038861.D
Acq On : 8 Apr 2022 4:01
Operator : SY/AP
Sample : N2274-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1161-8-01-SG-2DL

Quant Time: Apr 11 05:19:23 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1074029	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2720067	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2411172	10.00	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1870532	10.23	ppbv	0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	9733	0.064	ppbv #	70
3) Chlorodifluoromethane	3.01	51	9201	0.070	ppbv	94
4) Chloromethane	3.17	50	2494	0.037	ppbv #	82
9) Propene	3.04	41	11156	0.161	ppbv	94
13) Ethanol	3.62	45	1267029	300.637	ppbv #	100
15) Acetone	3.88	43	93369	0.873	ppbv	93
16) 1,3-Butadiene	3.34	39	2418	0.040	ppbv #	9
19) Isopropyl Alcohol	3.99	45	382548	7.000	ppbv #	100
20) Methylene Chloride	4.37	84	5449	0.141	ppbv #	76
25) Ethyl Acetate	5.71	43	11657	0.043	ppbv #	61
26) Hexane	5.71	57	7743	0.063	ppbv #	18
39) 1,2-Dichloropropane	7.20	63	693915	7.332	ppbv #	27
53) Toluene	9.84	91	54718	0.192	ppbv	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040722\
Data File : VL038861.D
Acq On : 8 Apr 2022 4:01
Operator : SY/AP
Sample : N2274-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Quant Time: Apr 11 05:19:23 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
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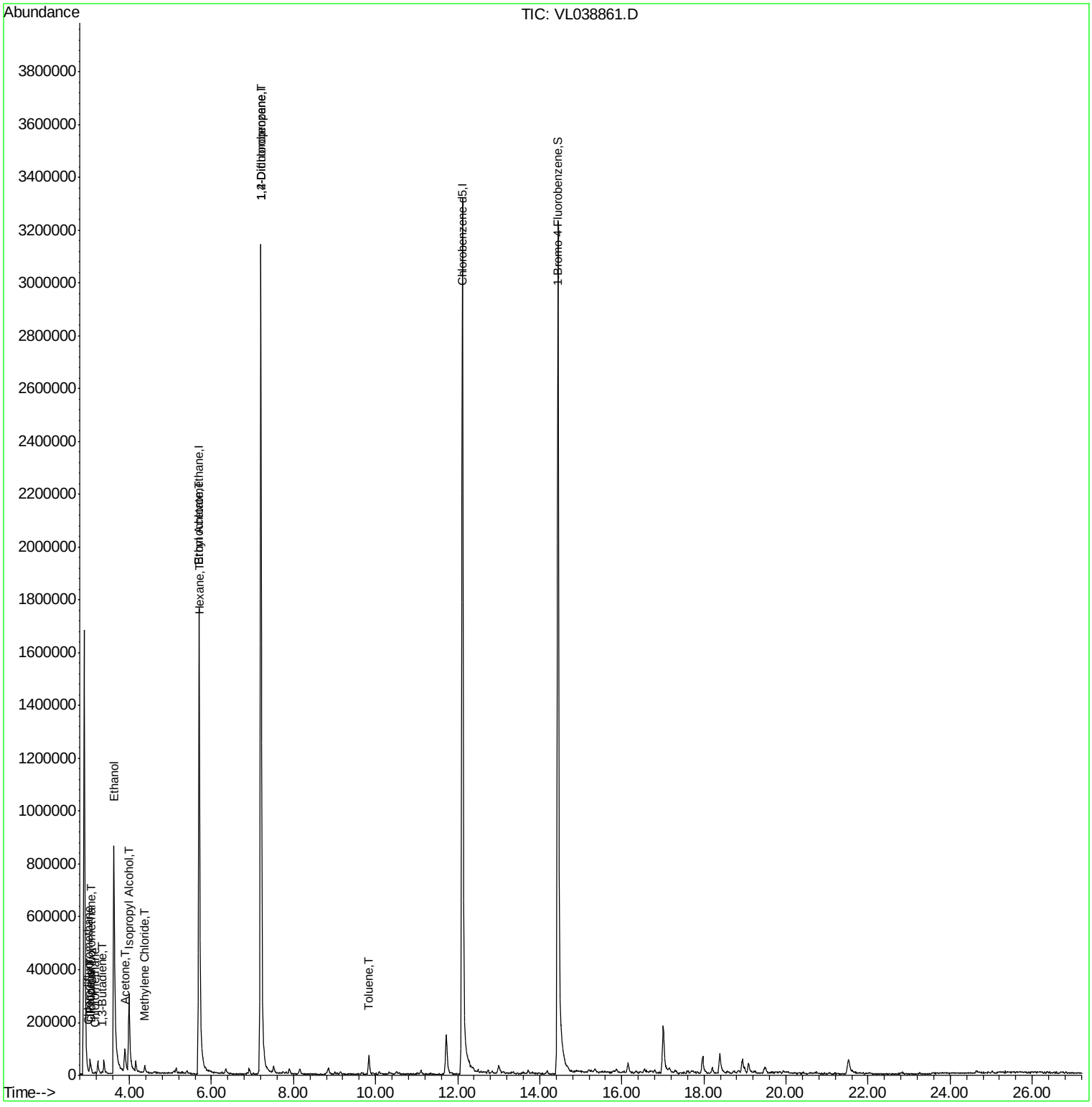
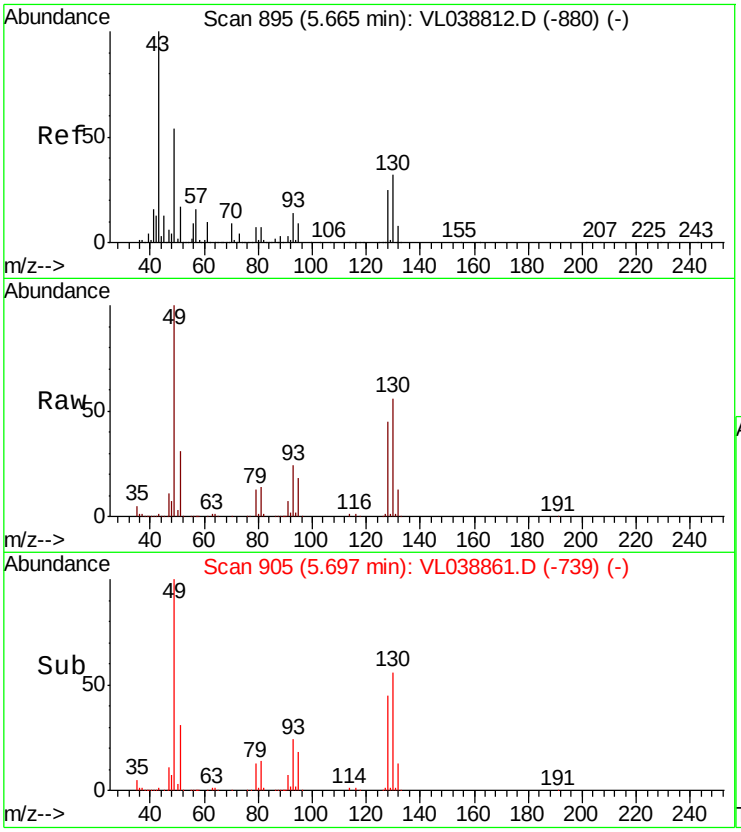
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration



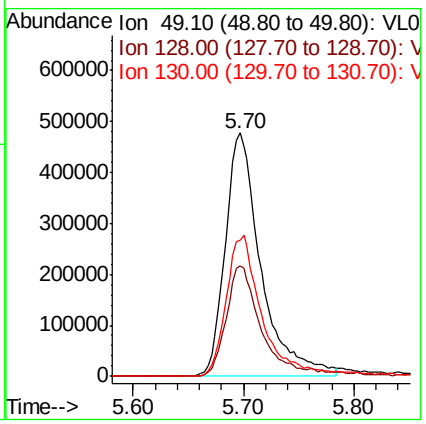


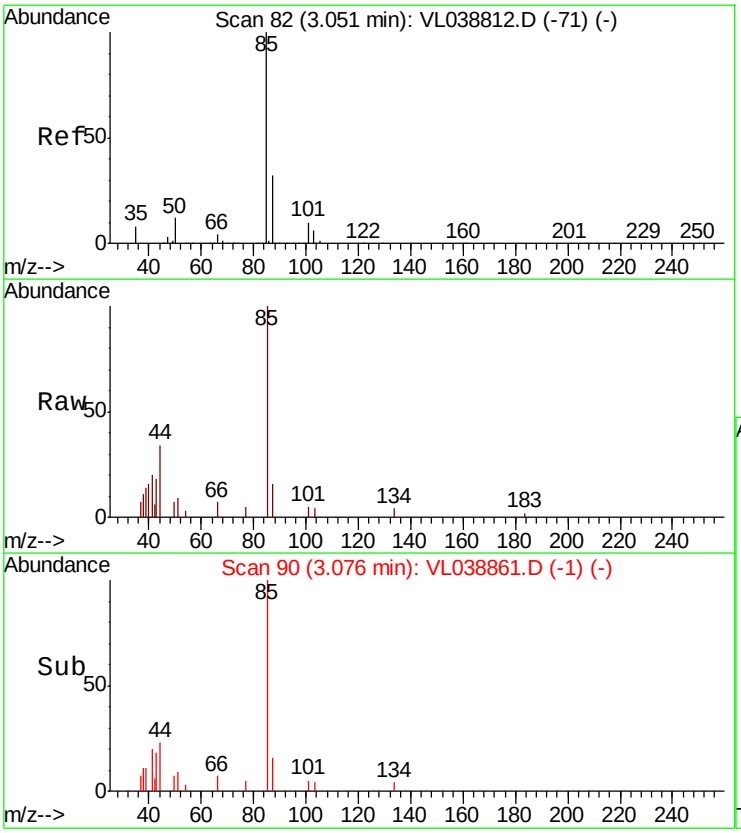
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion: 49 Resp: 1074029

Ion	Ratio	Lower	Upper
49	100		
128	46.7	24.1	72.3
130	59.3	30.9	92.8

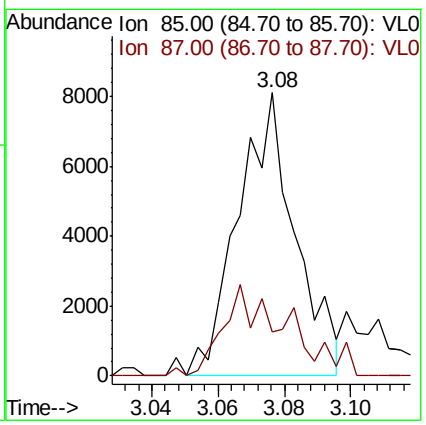


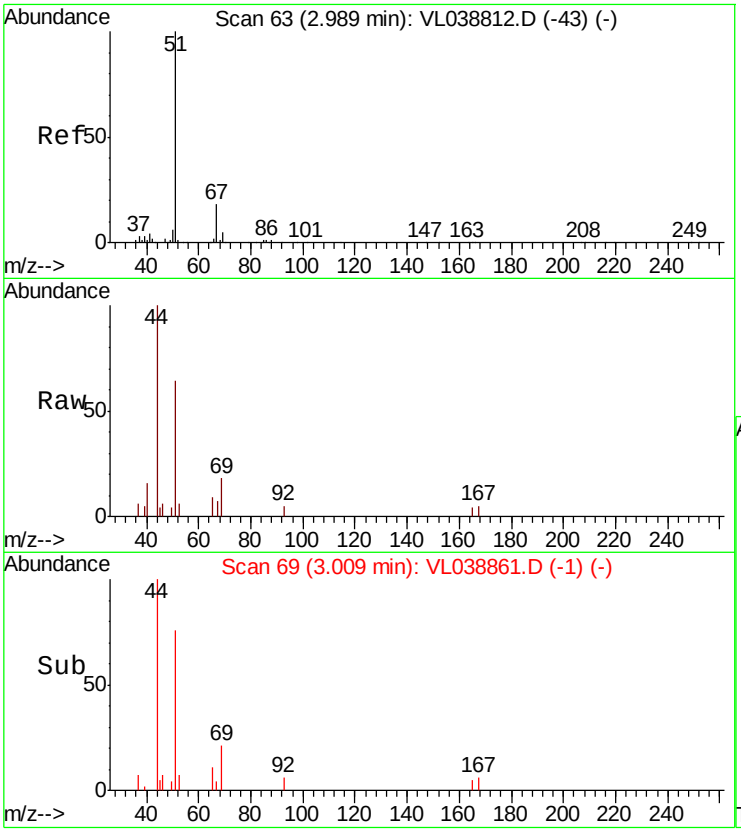


#2
Dichlorodifluoromethane
Concen: 0.064 ppbv
RT: 3.08 min Scan# 90
Delta R.T. 0.03 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion: 85 Resp: 9733

Ion	Ratio	Lower	Upper
85	100		
87	15.6	25.9	38.9#



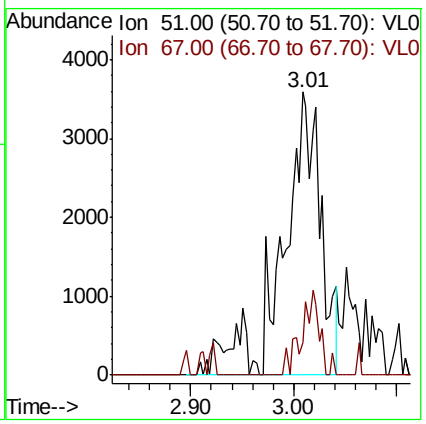


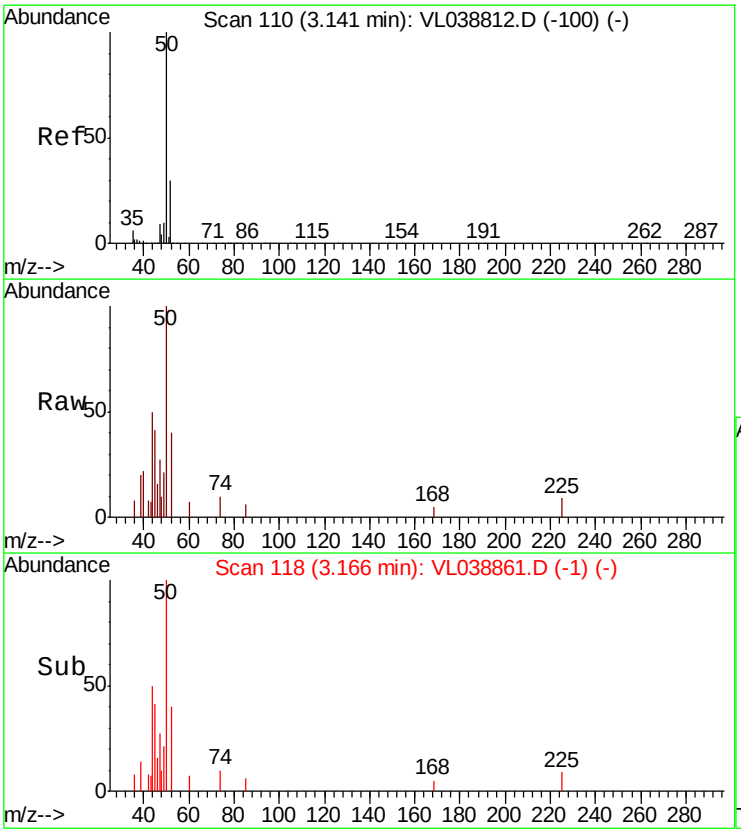
#3
Chlorodifluoromethane
Concen: 0.070 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion: 51 Resp: 9201

Ion	Ratio	Lower	Upper
51	100		
67	14.2	13.4	20.0

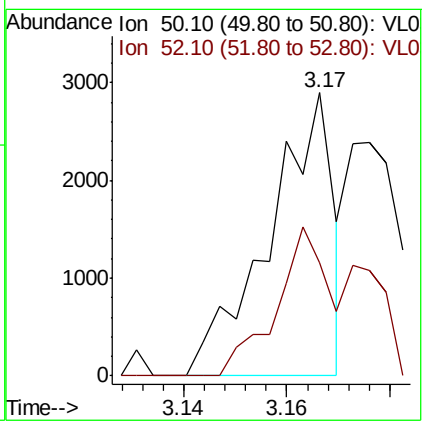


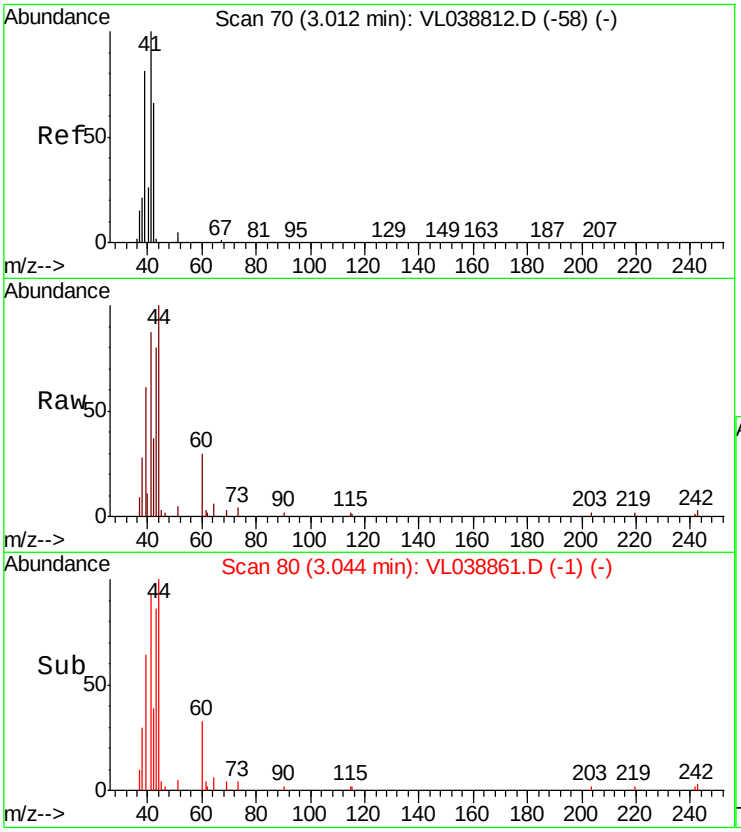


#4
Chloromethane
Concen: 0.037 ppbv
RT: 3.17 min Scan# 118
Delta R.T. 0.03 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion: 50 Resp: 2494

Ion	Ratio	Lower	Upper
50	100		
52	40.1	24.3	36.5#



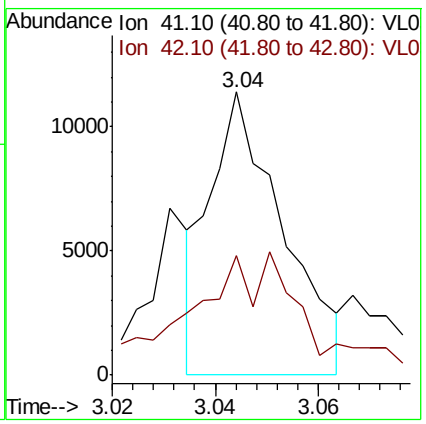


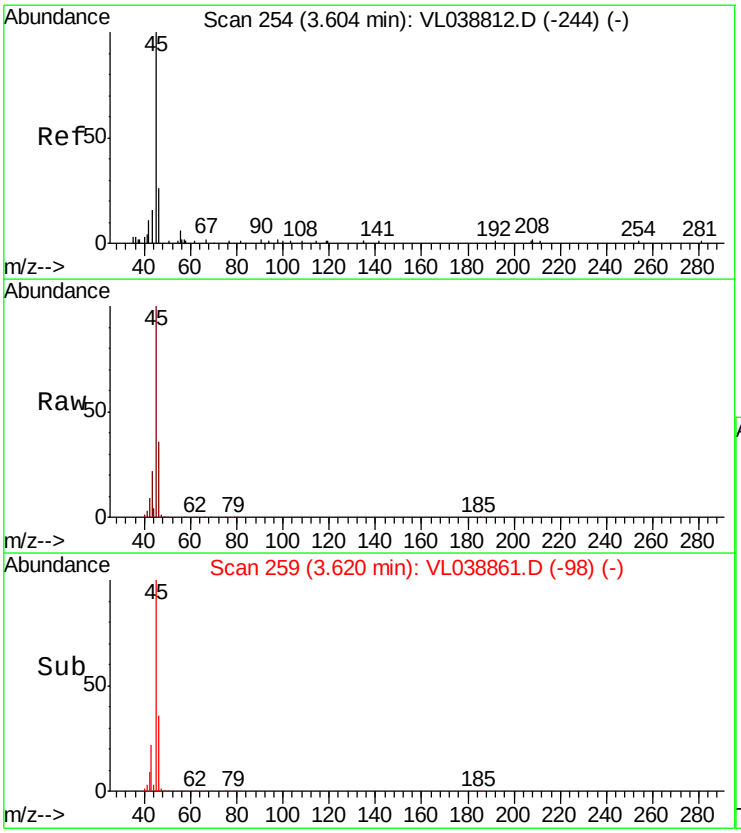
#9
Propene
Concen: 0.161 ppbv
RT: 3.04
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion: 41 Resp: 11156

Ion	Ratio	Lower	Upper
41	100		
42	72.5	54.2	81.4

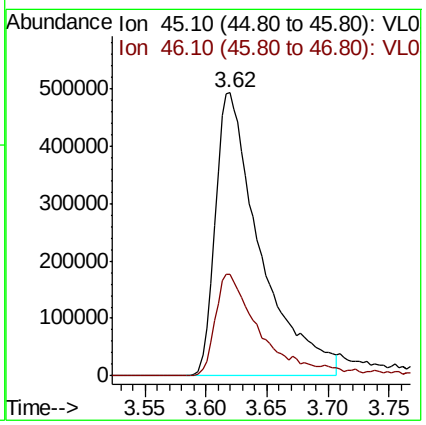


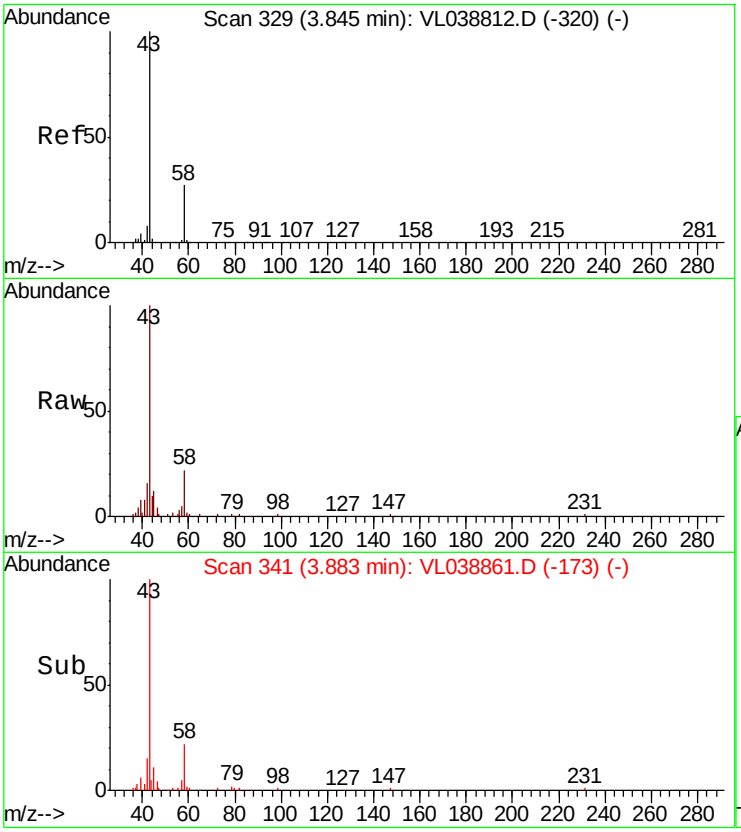


#13
Ethanol
Concen: 300.637 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion: 45 Resp: 1267029

Ion	Ratio	Lower	Upper
45	100		
46	36.5	0.0	0.0#



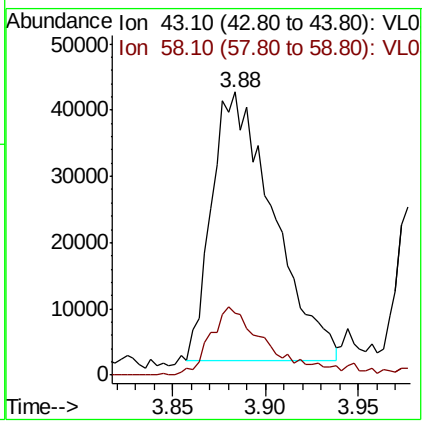


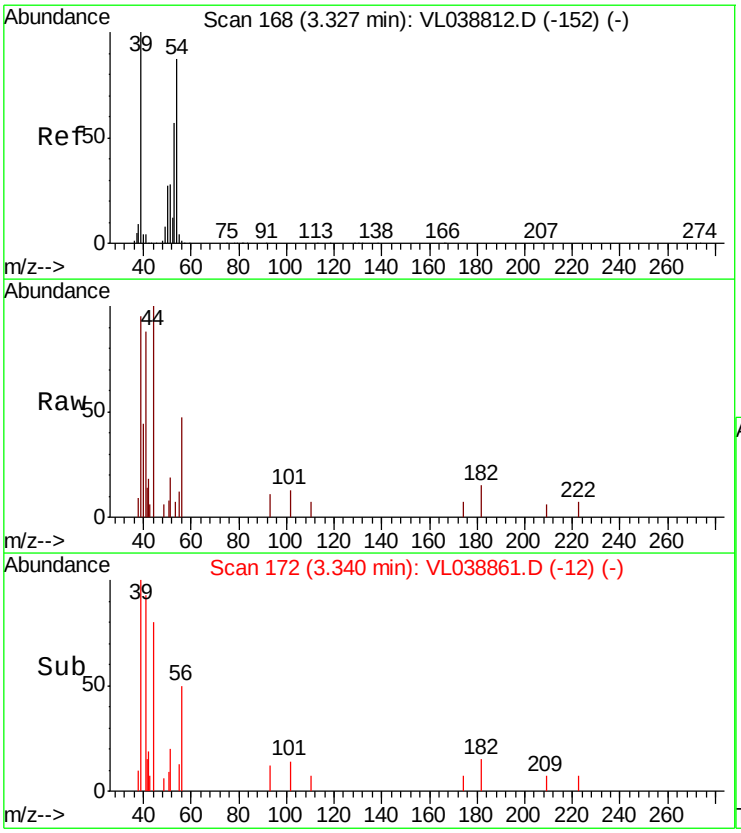
#15
Acetone
Concen: 0.873 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion: 43 Resp: 93369

Ion	Ratio	Lower	Upper
43	100		
58	24.4	22.5	33.7

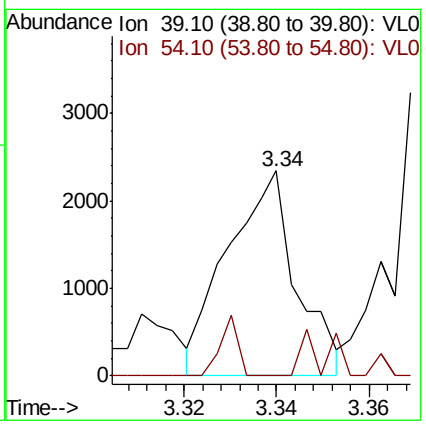


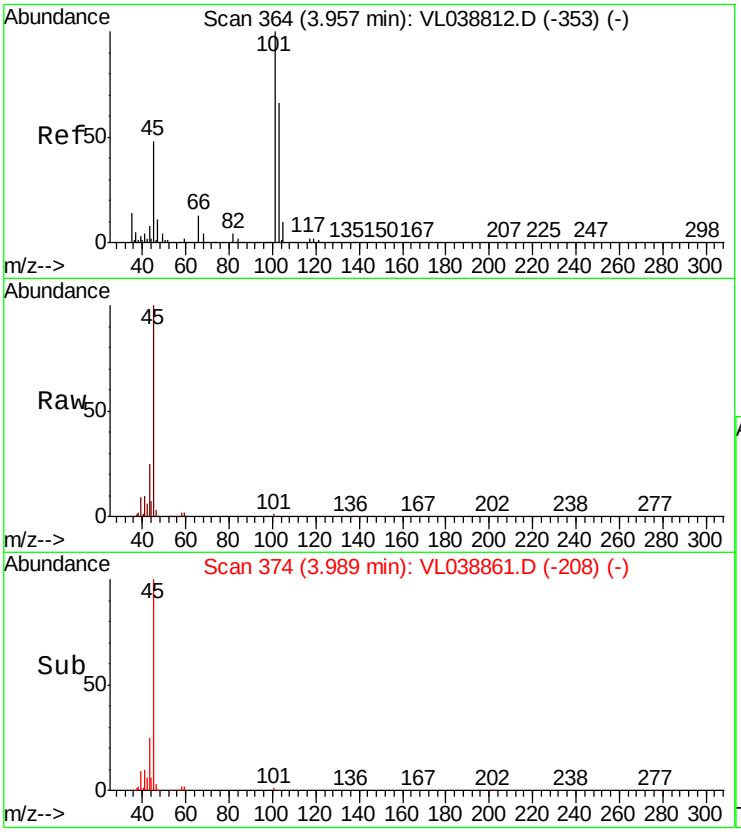


#16
1,3-Butadiene
Concen: 0.040 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.01 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion: 39 Resp: 2418

Ion	Ratio	Lower	Upper
39	100		
54	0.0	64.8	97.2#



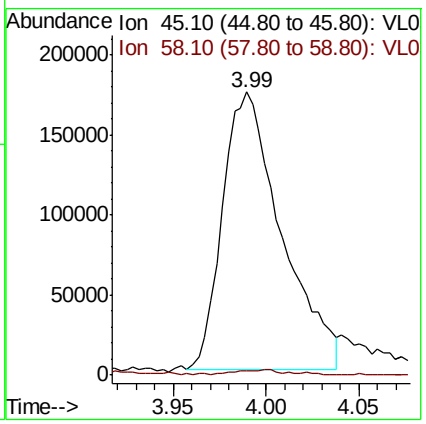


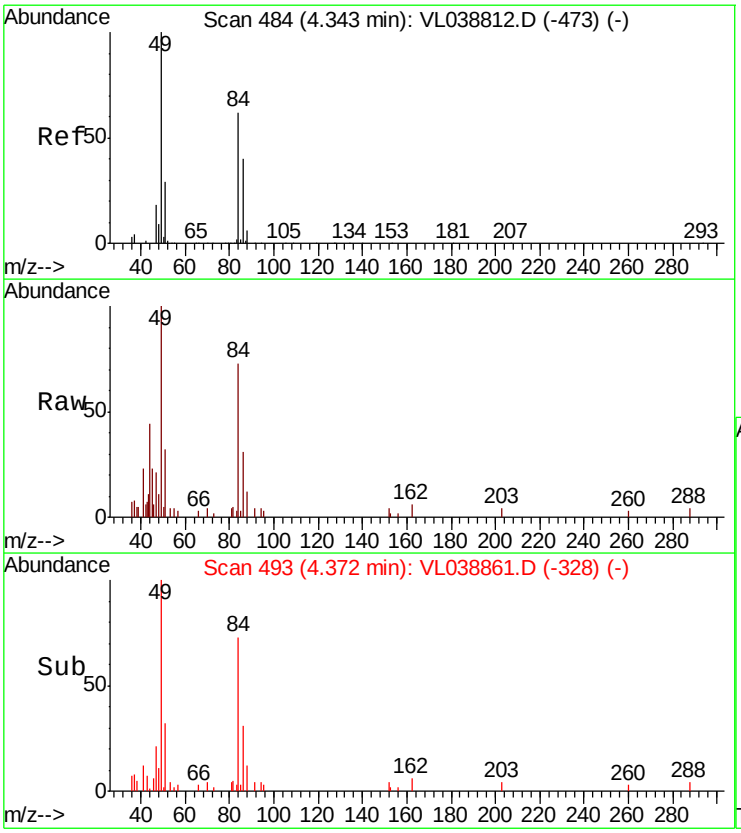
#19
Isopropyl Alcohol
Concen: 7.000 ppbv
RT: 3.99
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion: 45 Resp: 382548

Ion	Ratio	Lower	Upper
45	100		
58	2.0	0.0	0.0#

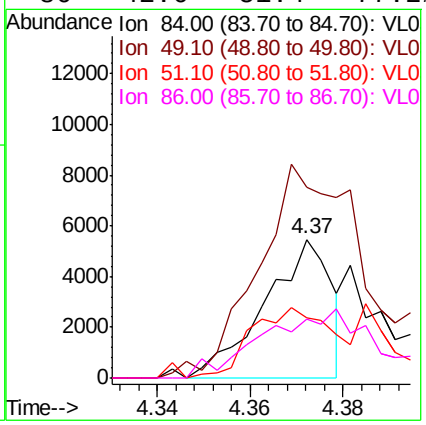


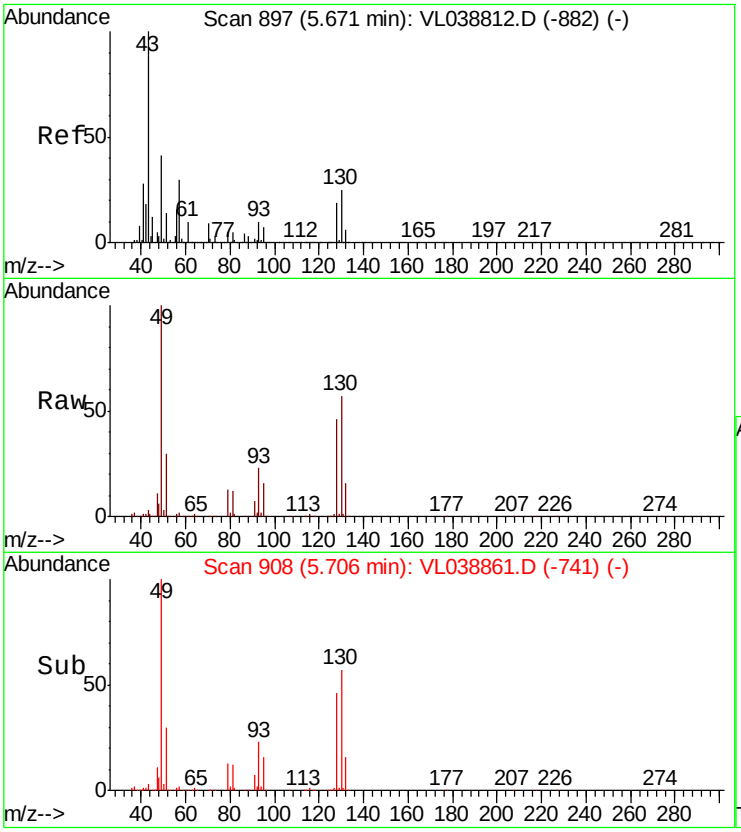


#20
Methylene Chloride
Concen: 0.141 ppbv
RT: 4.37 min Scan# 493
Delta R.T. 0.03 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion: 84 Resp: 5449

Ion	Ratio	Lower	Upper
84	100		
49	125.0	129.4	194.0#
51	43.4	37.4	56.2
86	42.6	51.4	77.2#



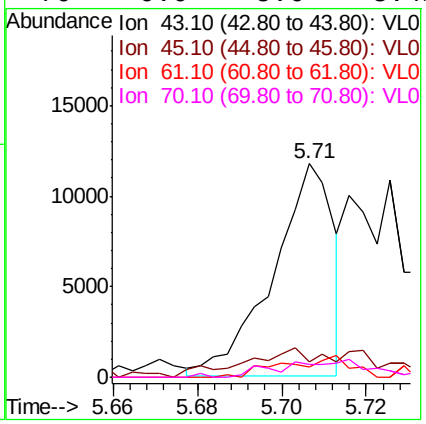


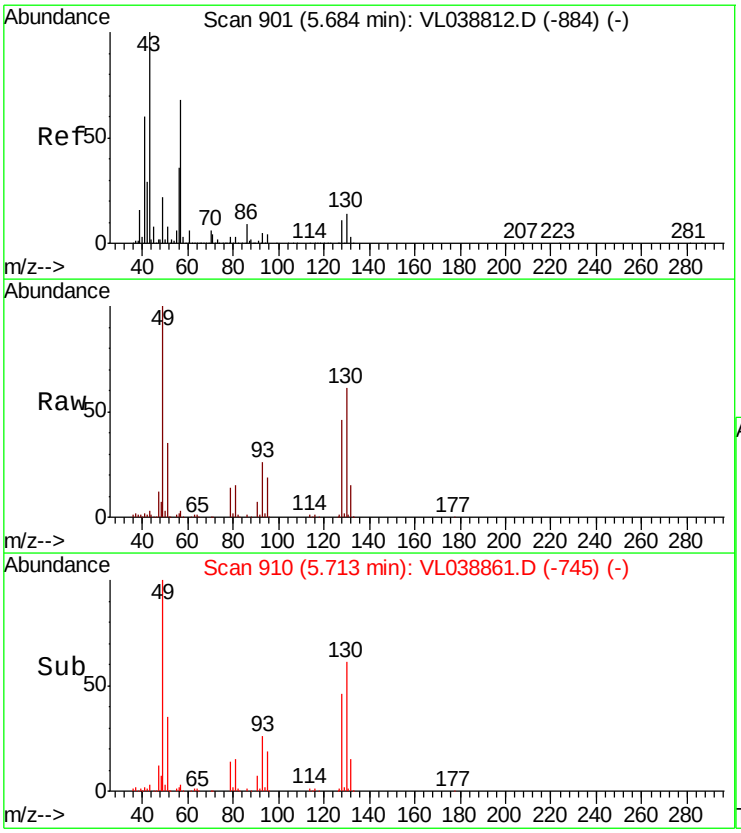
#25
Ethyl Acetate
Concen: 0.043 ppbv
RT: 5.71
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion: 43 Resp: 11657

Ion	Ratio	Lower	Upper
43	100		
45	33.9	8.4	12.6#
61	0.0	7.9	11.9#
70	0.0	5.6	8.4#

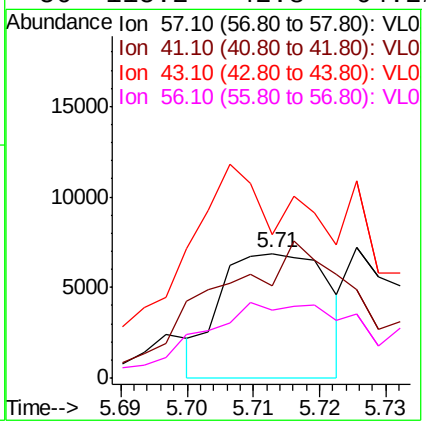


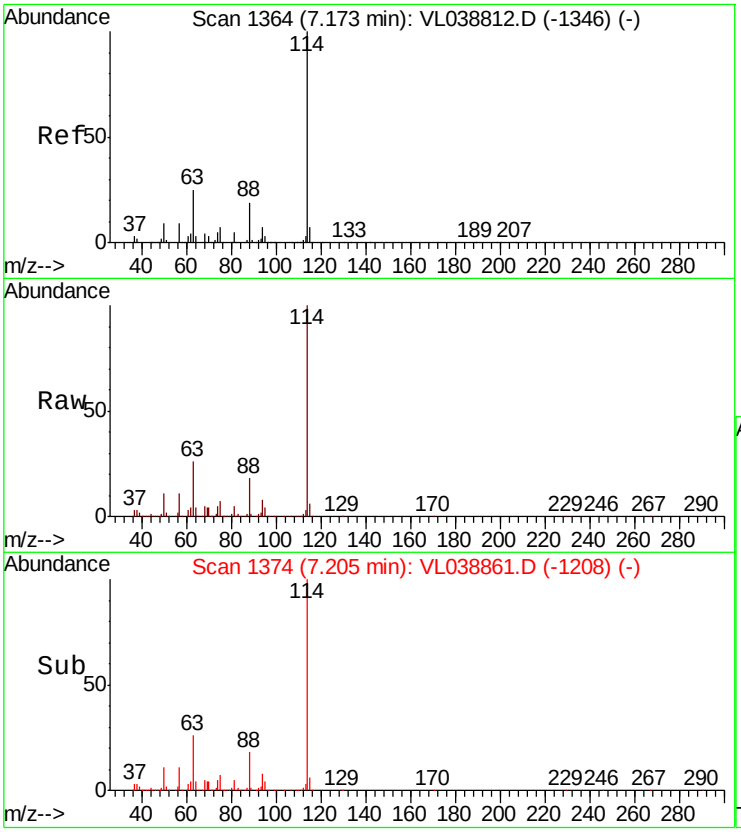


#26
Hexane
Concen: 0.063 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.03 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion: 57 Resp: 7743

Ion	Ratio	Lower	Upper
57	100		
41	196.4	72.0	108.0#
43	349.8	186.6	280.0#
56	115.2	42.8	64.2#



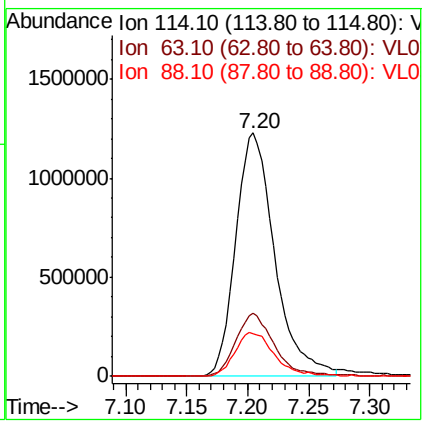


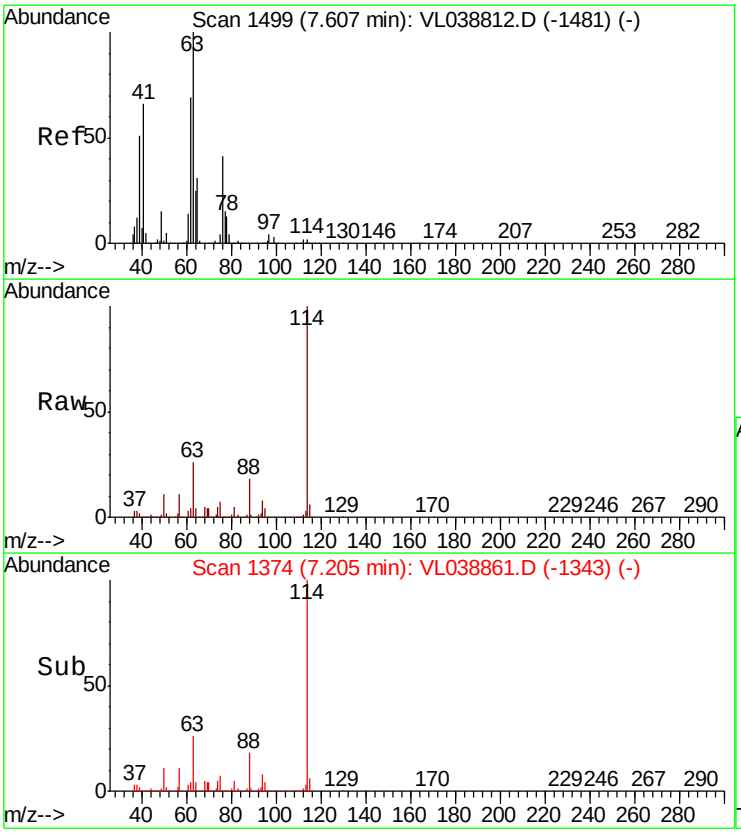
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion:114 Resp: 2720067

Ion	Ratio	Lower	Upper
114	100		
63	26.2	19.8	29.8
88	18.9	14.2	21.4

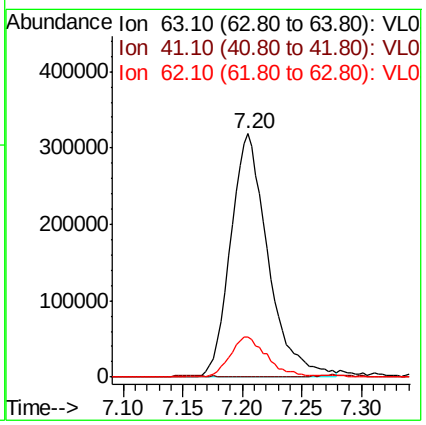


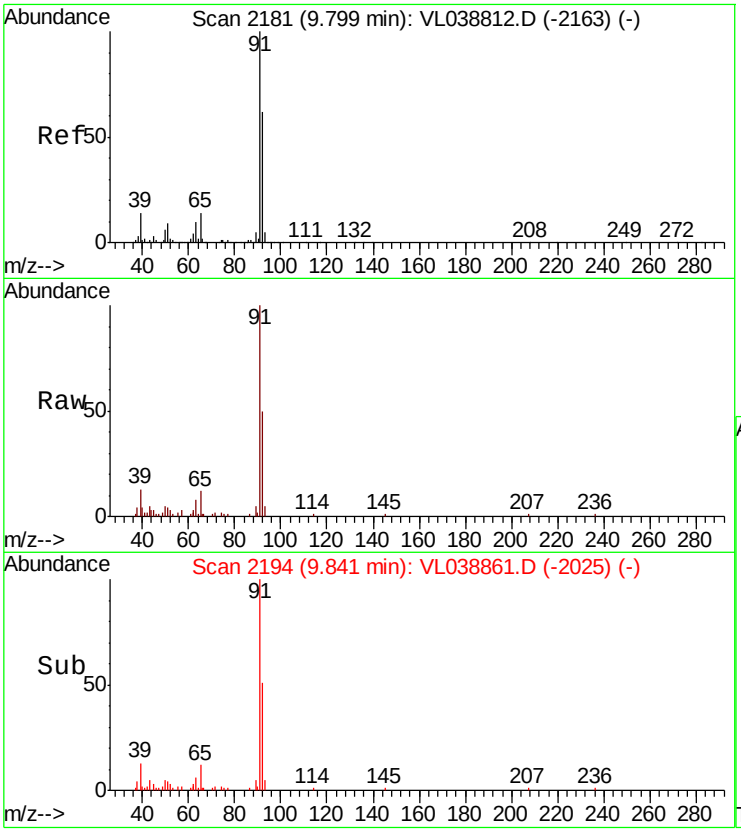


#39
1,2-Dichloropropane
Concen: 7.332 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.40 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion: 63 Resp: 693915

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	16.7	55.0	82.4#



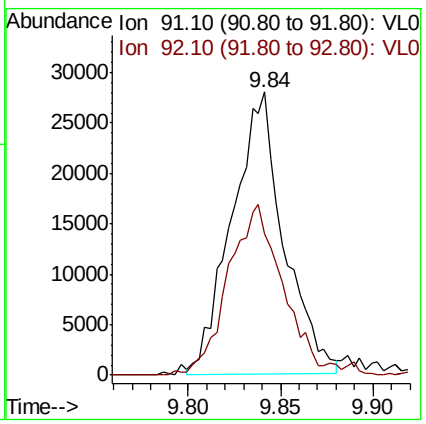


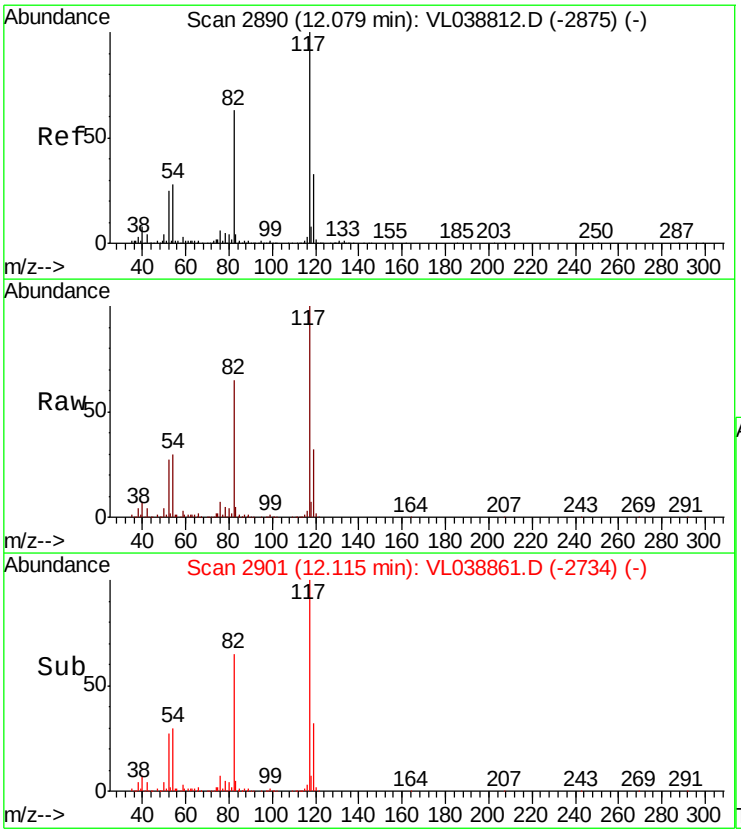
#53
Toluene
Concen: 0.192 ppbv
RT: 9.84
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion: 91 Resp: 54718

Ion	Ratio	Lower	Upper
91	100		
92	64.7	49.2	73.8

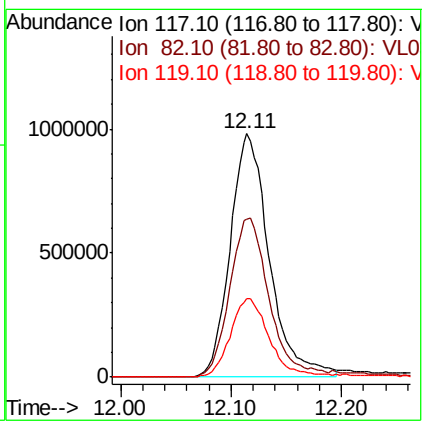


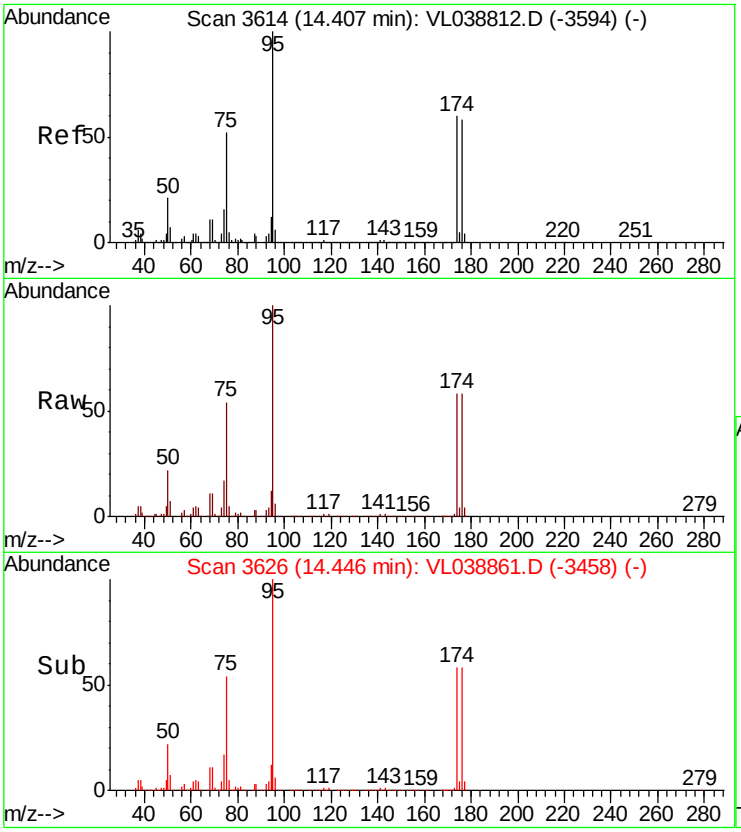


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.04 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion:117 Resp: 2411172

Ion	Ratio	Lower	Upper
117	100		
82	69.7	53.0	79.6
119	33.7	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.227 ppbv
RT: 14.45
Delta R.T
Lab File:
Acq: 8 Apr 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Tgt Ion: 95 Resp: 1870532

Ion	Ratio	Lower	Upper
95	100		
174	63.8	52.0	78.0
175	4.6	4.0	6.0