Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090321\
Data File : VL037531.D
Acq On : 3 Sep 2021 21:22
Operator : SY/AP
Sample : CAN 10285
Misc : 400mL/MSVOA_L
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10285

Quant Time: Sep 04 04:22:48 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1675418	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.17	114	4810994	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.08	117	4206181	10.00	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	3048187	10.20	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%				
Target Compounds							Qvalue
9) Propene	3.02	41	10436	0.091	ppbv		96
13) Ethanol	3.62	45	998	0.089	ppbv	#	1
15) Acetone	3.87	43	18990	0.111	ppbv	#	44
20) Methylene Chloride	4.34	84	71182	0.834	ppbv		92
25) Ethyl Acetate	5.68	43	28740	0.066	ppbv	#	80
26) Hexane	5.68	57	39577	0.187	ppbv	#	42
30) Cyclohexane	7.15	84	6016	0.034	ppbv	#	1
39) 1,2-Dichloropropane	7.17	63	1132028	7.284	ppbv	#	27

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

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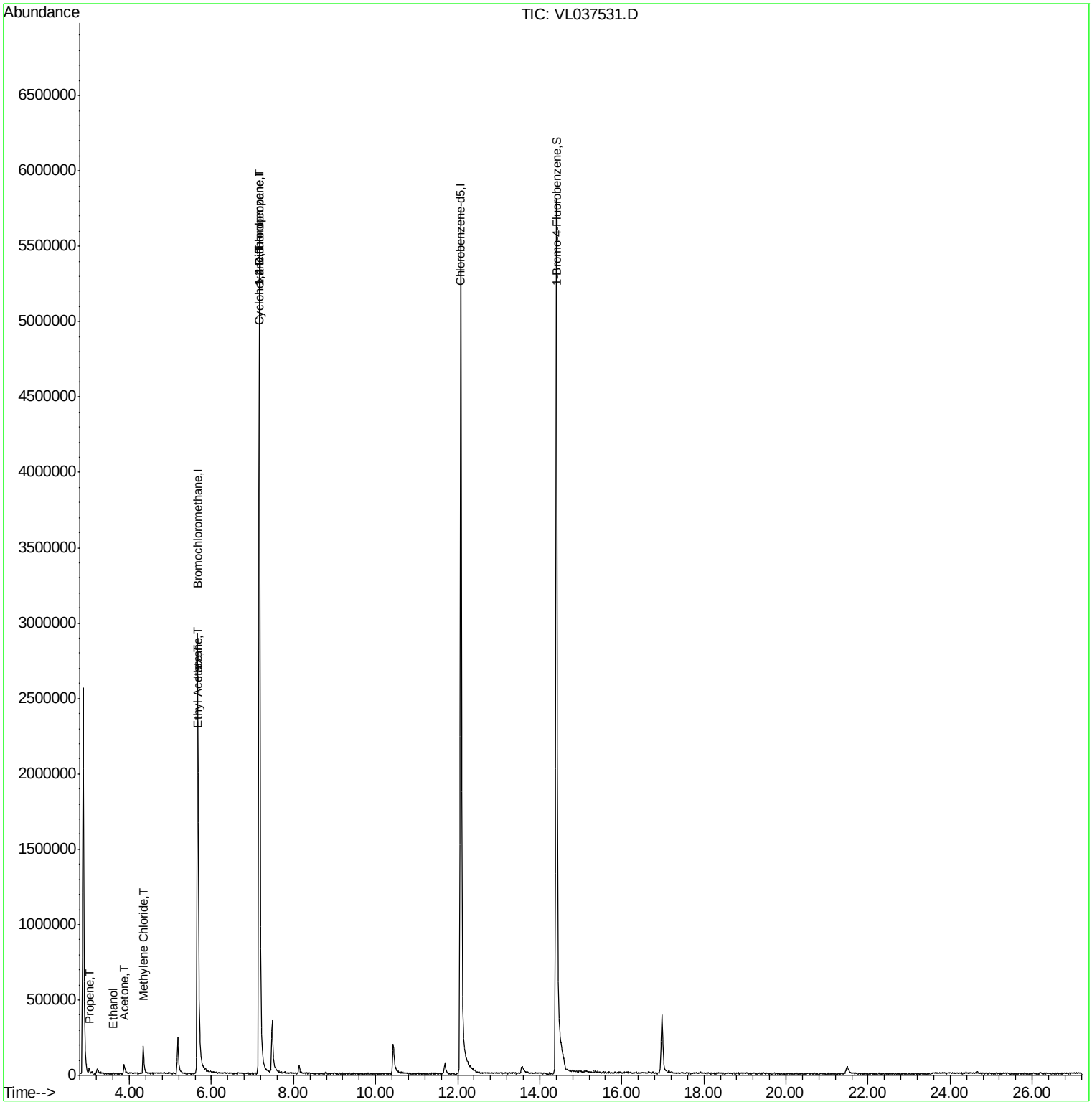
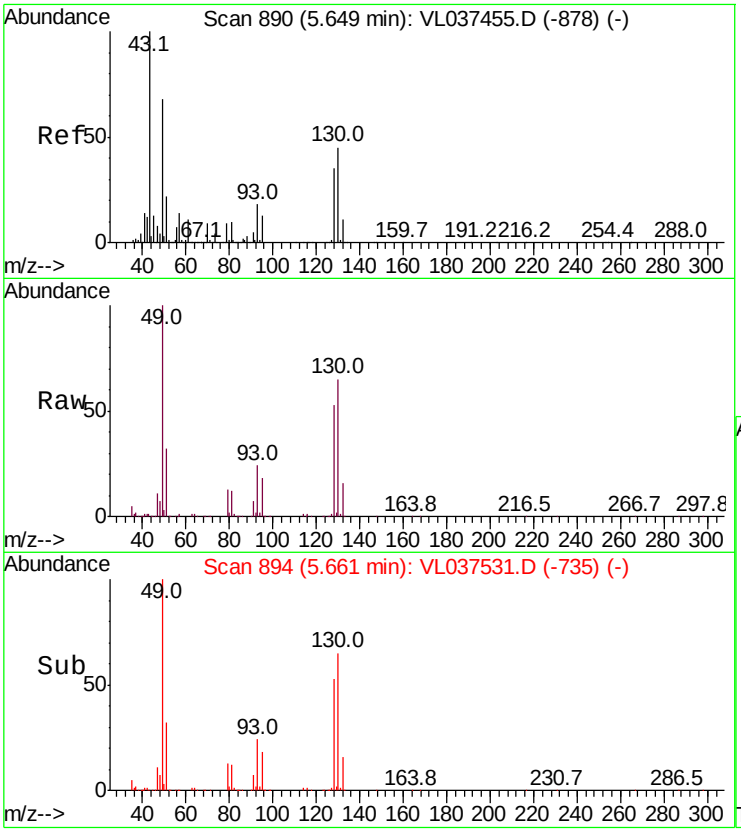


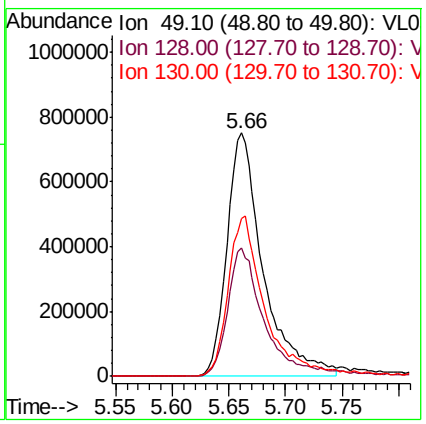


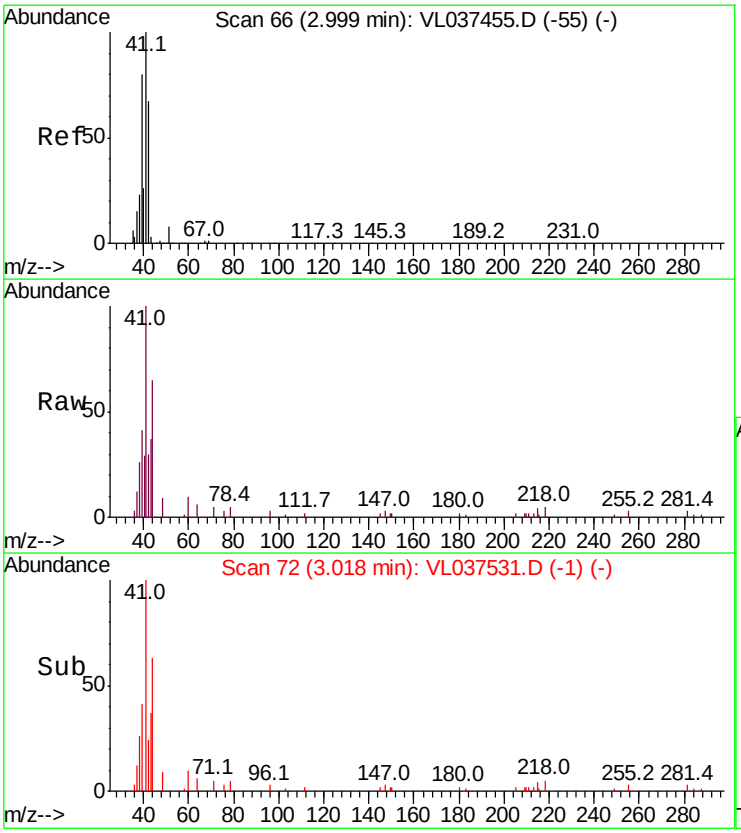
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.01 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

Tgt Ion: 49 Resp: 1675418

Ion	Ratio	Lower	Upper
49	100		
128	54.9	27.5	82.4
130	68.4	34.0	101.8

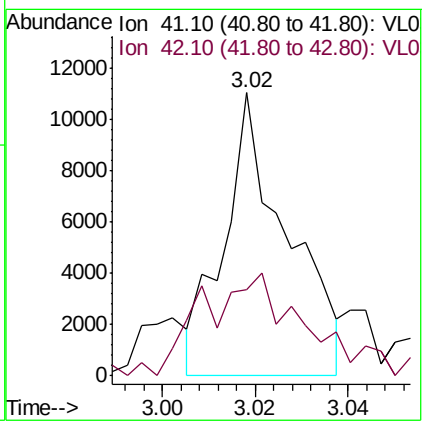


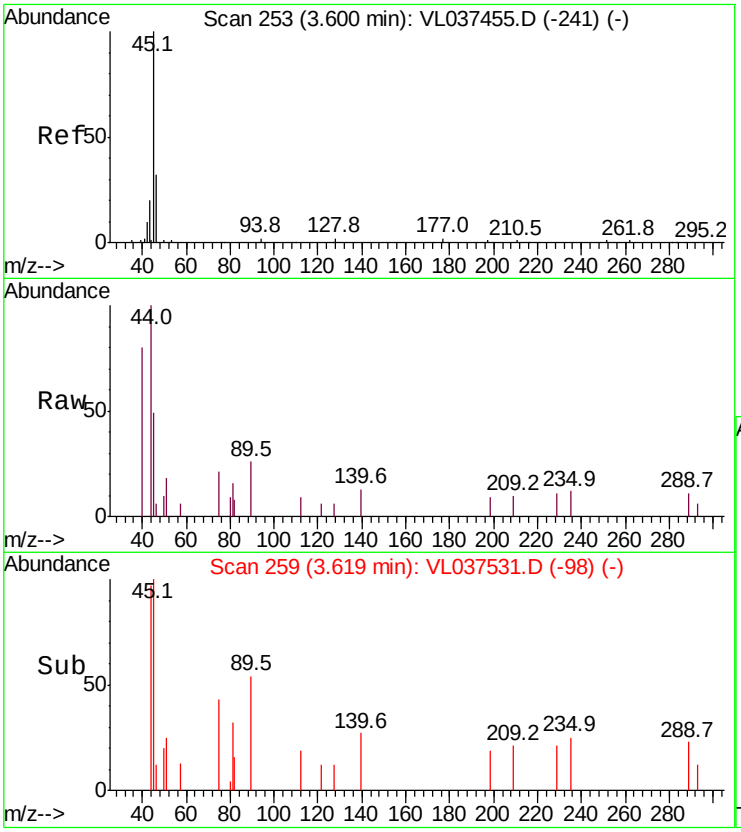


#9
Propene
Concen: 0.091 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.02 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Tgt Ion: 41 Resp: 10436

Ion	Ratio	Lower	Upper
41	100		
42	63.9	53.7	80.5



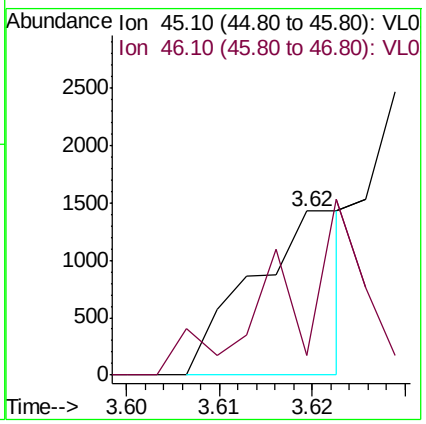


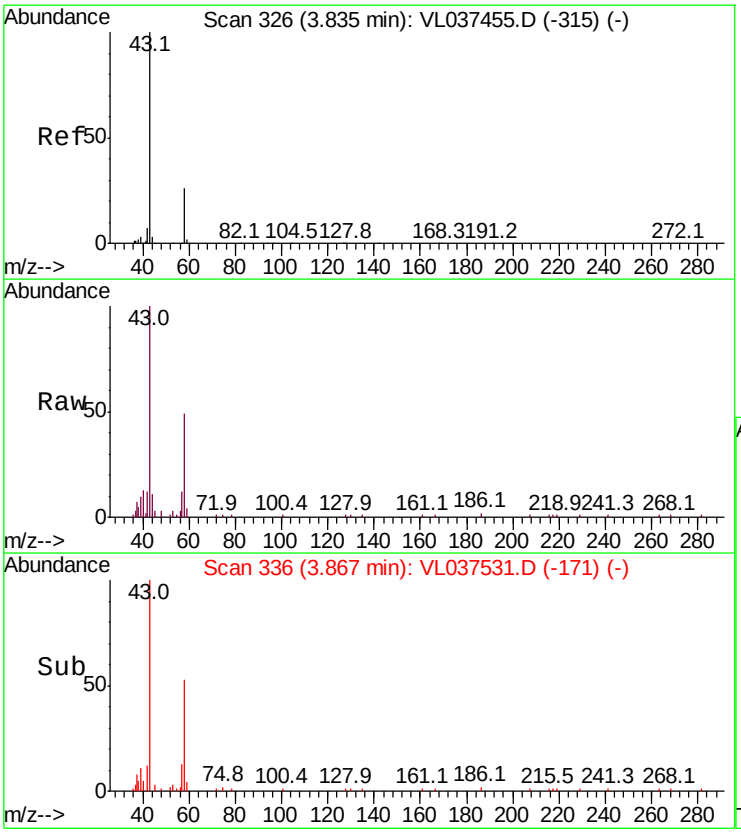
#13
Ethanol
Concen: 0.089 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

Tgt Ion: 45 Resp: 998

Ion	Ratio	Lower	Upper
45	100		
46	123.1	14.1	56.5#

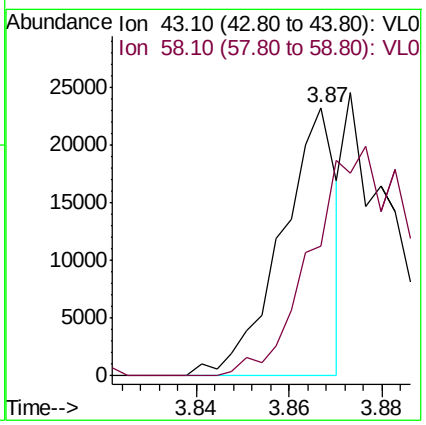


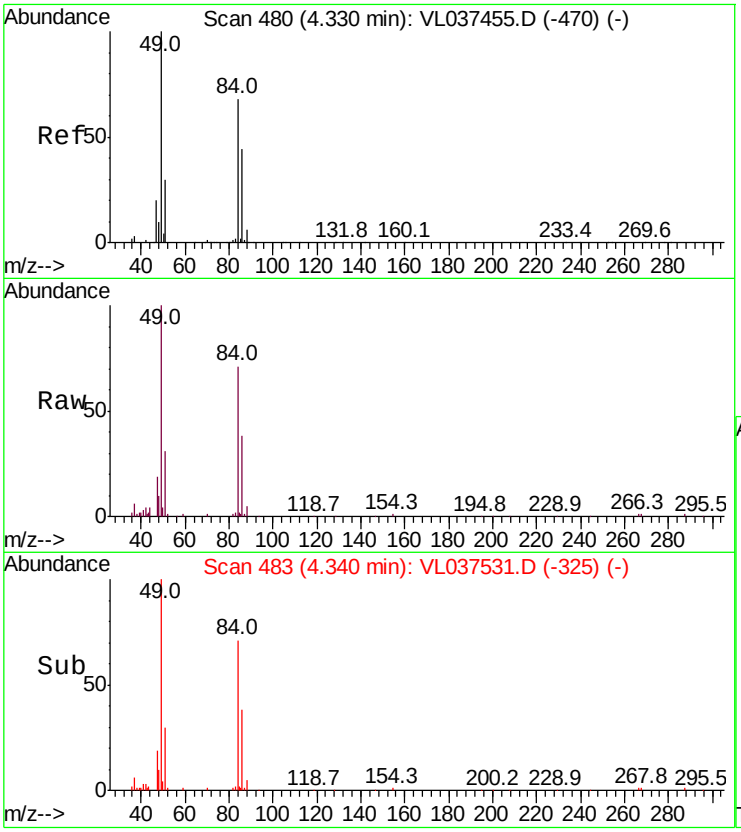


#15
Acetone
Concen: 0.111 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Tgt Ion: 43 Resp: 18990

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#



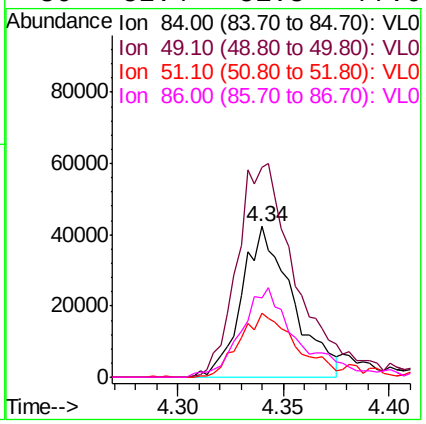


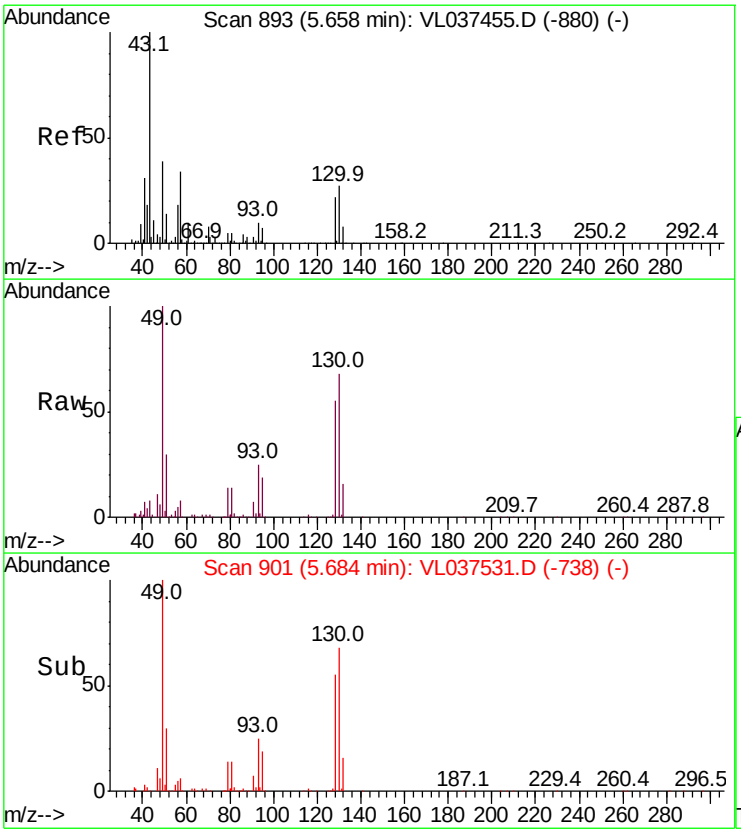
#20
Methylene Chloride
Concen: 0.834 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Instrument : MSVOA_L
ClientSampleId : CAN 10285

Tgt Ion: 84 Resp: 71182

Ion	Ratio	Lower	Upper
84	100		
49	139.9	118.2	177.2
51	42.8	36.6	55.0
86	52.4	51.8	77.6

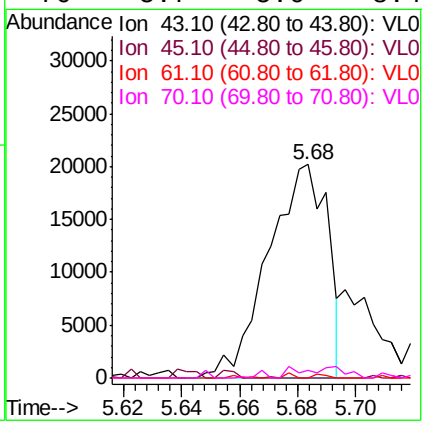


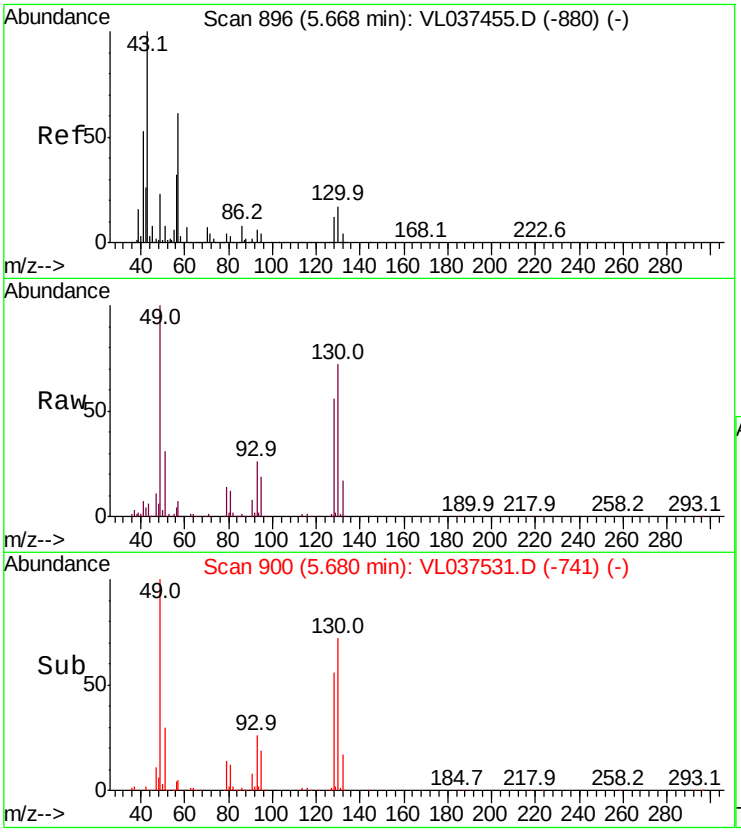


#25
Ethyl Acetate
Concen: 0.066 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.03 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Tgt Ion: 43 Resp: 28740

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.9	8.0	12.0#
70	5.7	5.6	8.4



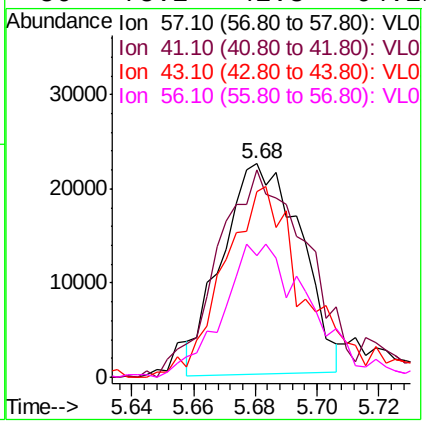


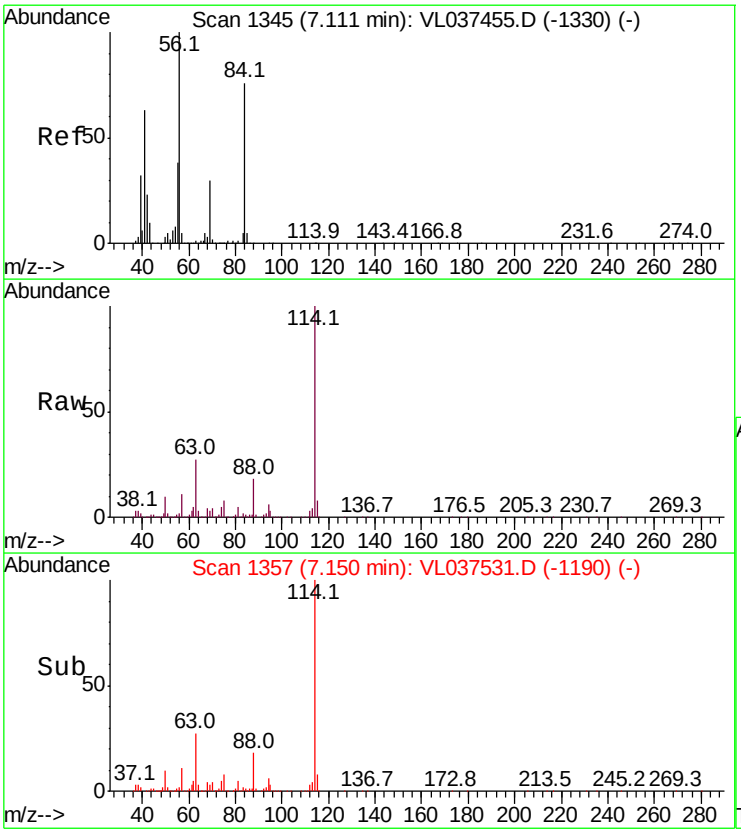
#26
Hexane
Concen: 0.187 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

Tgt Ion: 57 Resp: 39577

Ion	Ratio	Lower	Upper
57	100		
41	126.2	72.3	108.5#
43	98.4	172.3	258.5#
56	75.2	42.8	64.2#

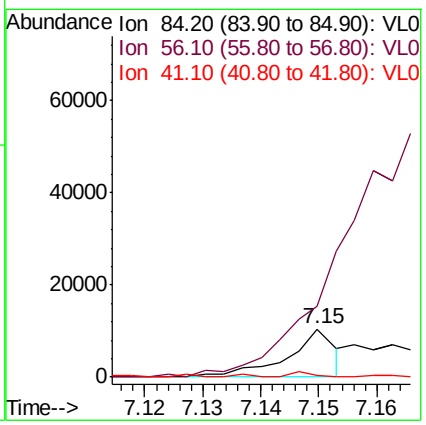


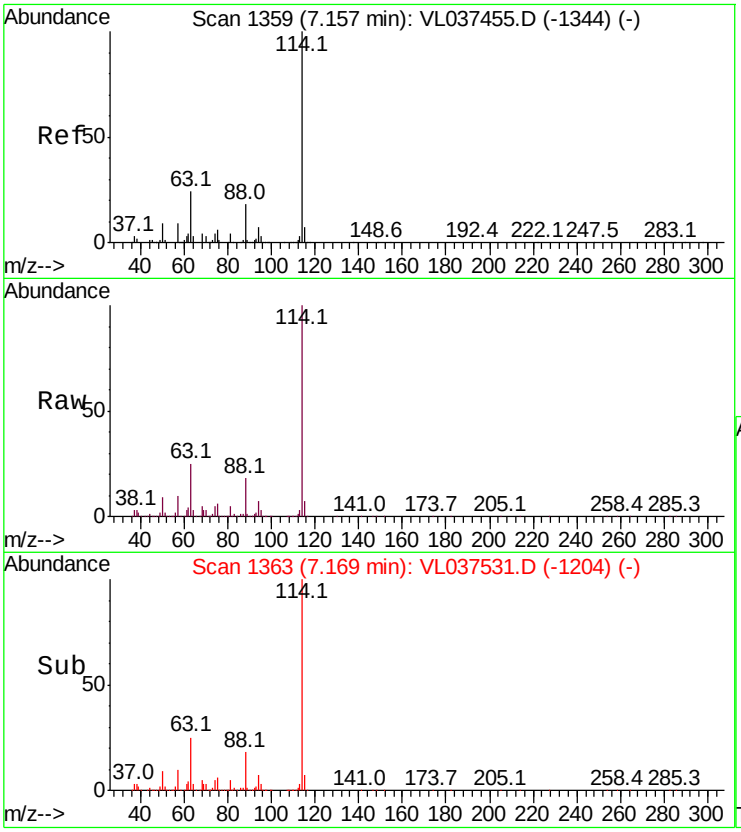


#30
Cyclohexane
Concen: 0.034 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.04 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Tgt Ion: 84 Resp: 6016

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	0.0	67.0	100.6#



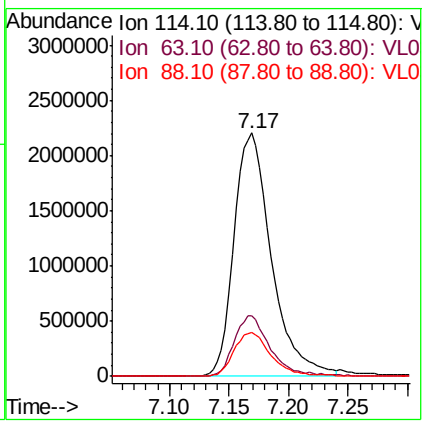


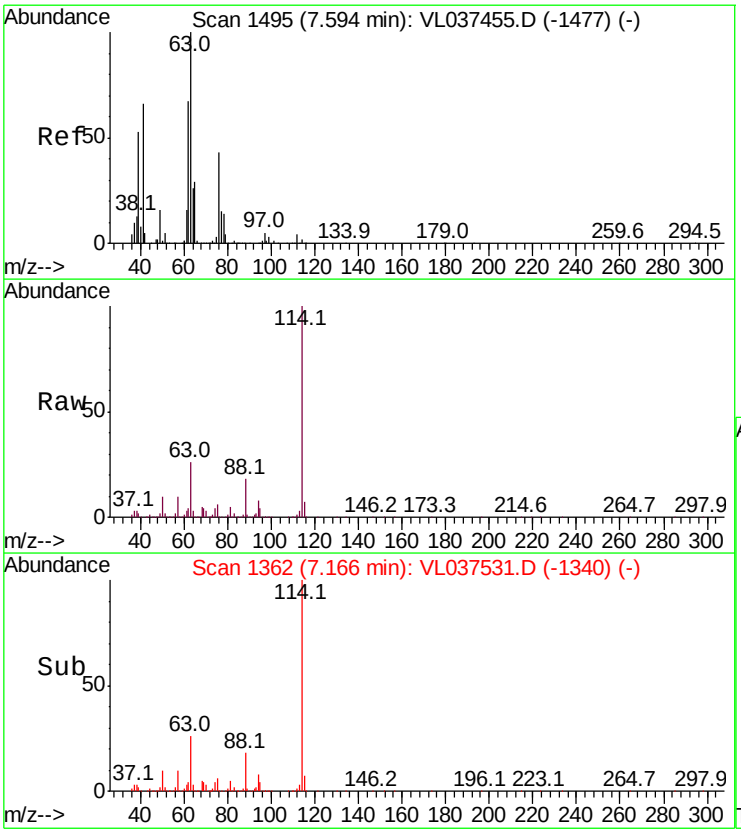
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

Tgt Ion:114 Resp: 4810994

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.3	28.9
88	18.2	14.2	21.4

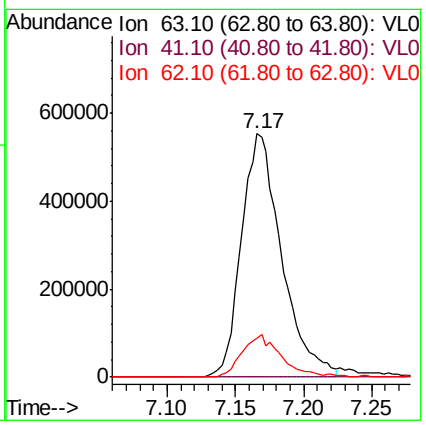


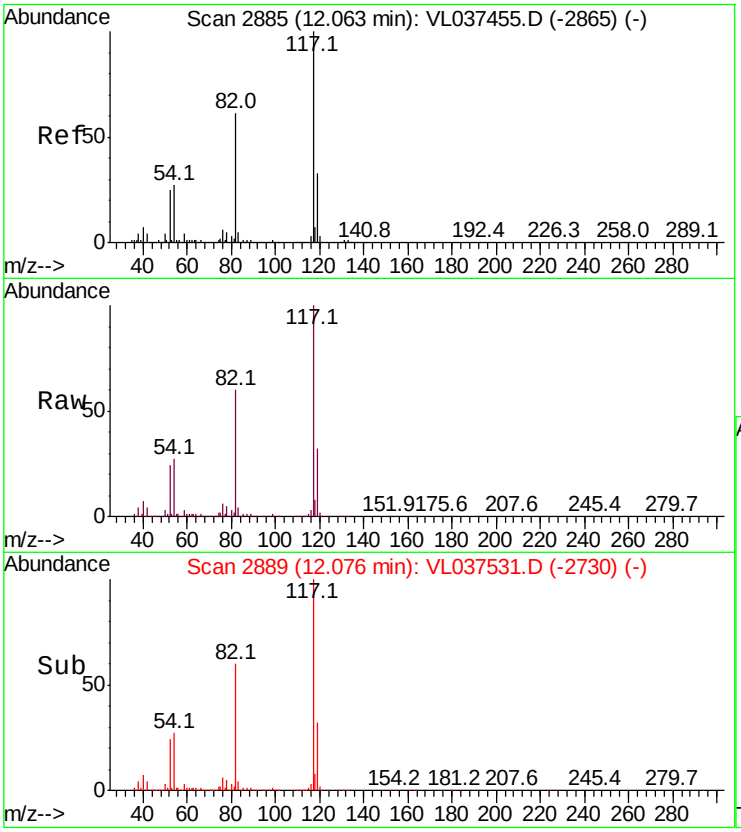


#39
1,2-Dichloropropane
Concen: 7.284 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.43 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Tgt Ion: 63 Resp: 1132028

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	15.8	53.6	80.4#



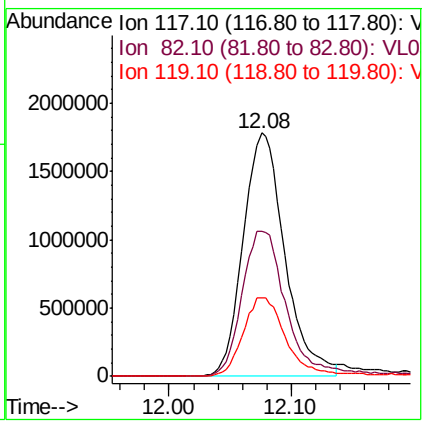


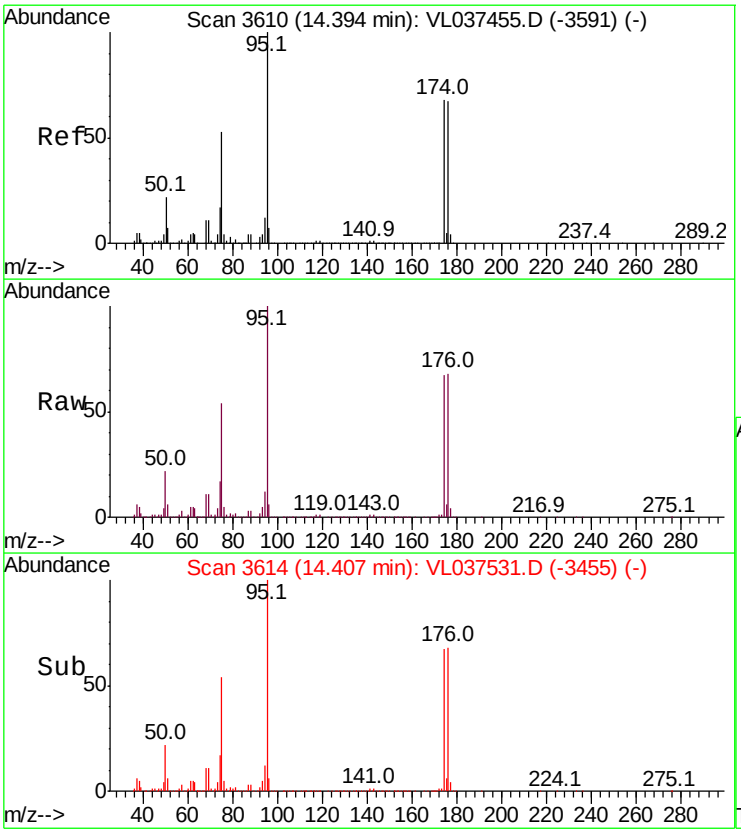
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.01 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

Tgt Ion:117 Resp: 4206181

Ion	Ratio	Lower	Upper
117	100		
82	66.5	52.9	79.3
119	34.9	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.201 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL037531.D
Acq: 3 Sep 2021 21:22

Tgt Ion: 95 Resp: 3048187

Ion	Ratio	Lower	Upper
95	100		
174	77.7	59.6	89.4
175	6.1	4.6	7.0