Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062222\
Data File : VL039328.D
Acq On : 22 Jun 2022 20:14
Operator : SY/AP
Sample : N3214-14 LOQ 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Quant Time: Jun 23 07:28:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1104020	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3220652	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2794198	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2222828	9.62	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	6679	0.034	ppbv	92
3) Chlorodifluoromethane	2.99	51	6302	0.045	ppbv #	90
6) Bromomethane	3.47	94	1089	0.033	ppbv #	27
7) Chloroethane	3.56	64	1388	0.059	ppbv #	85
9) Propene	3.02	41	3585	0.059	ppbv #	15
13) Ethanol	3.61	45	131	0.039	ppbv #	100
15) Acetone	3.88	43	6961	0.061	ppbv #	47
16) 1,3-Butadiene	3.34	39	2657	0.043	ppbv #	8
20) Methylene Chloride	4.35	84	4451	0.092	ppbv #	73
26) Hexane	5.69	57	3660	0.032	ppbv #	34
29) Chloroform	5.75	83	8131	0.042	ppbv	84
39) 1,2-Dichloropropane	7.17	63	790985	7.605	ppbv #	24

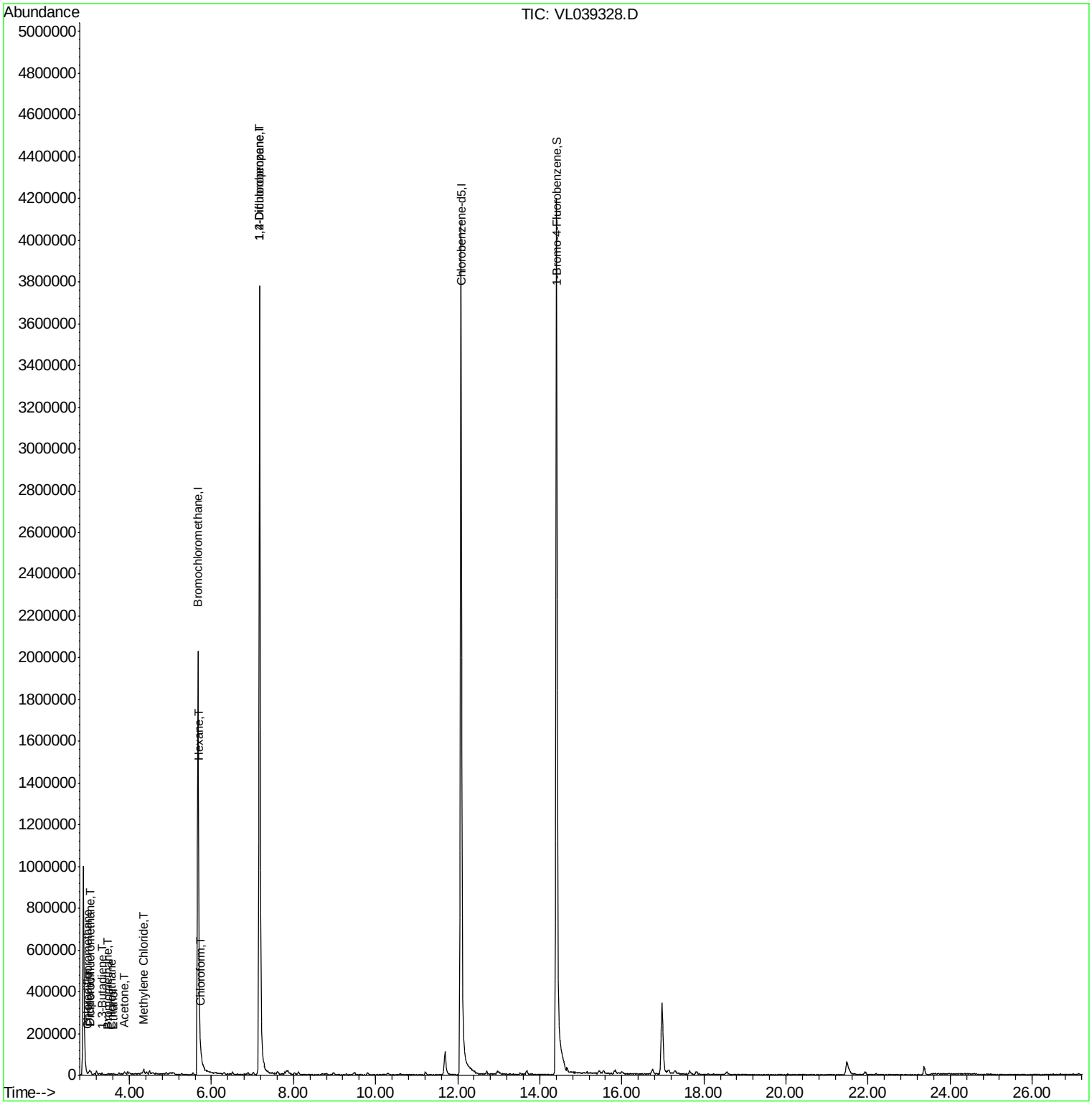
(#) = qualifier out of range (m) = manual integration (+) = signals summed

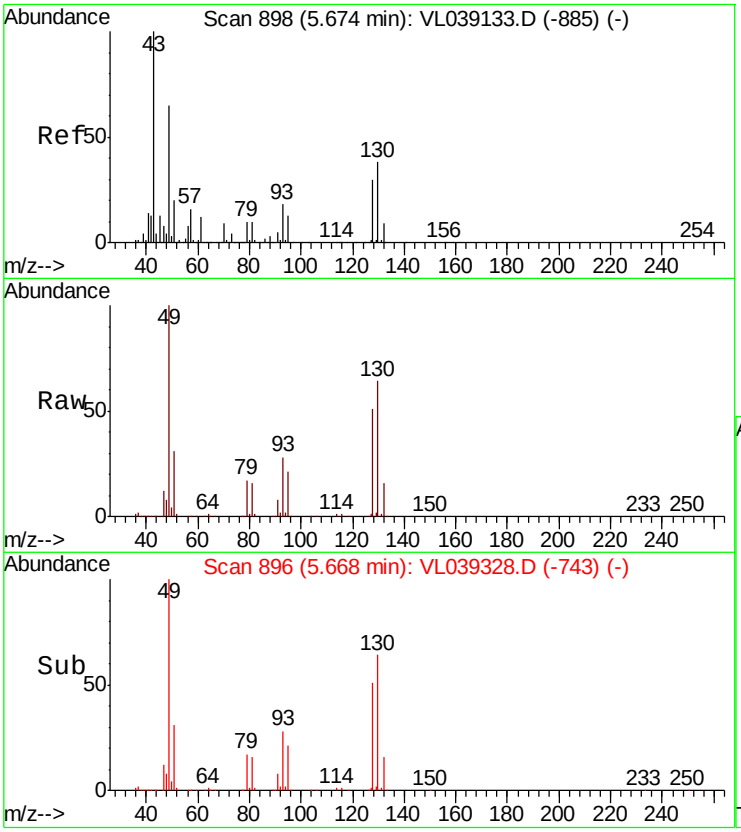
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062222\
Data File : VL039328.D
Acq On : 22 Jun 2022 20:14
Operator : SY/AP
Sample : N3214-14 LOQ 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Quant Time: Jun 23 07:28:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration



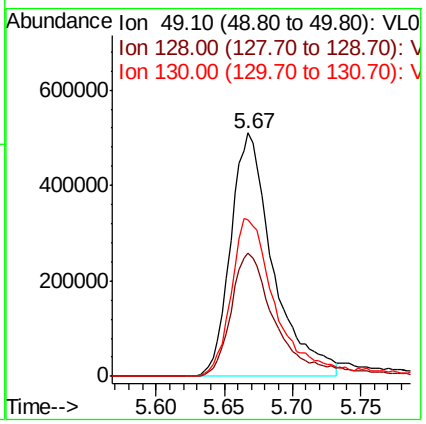


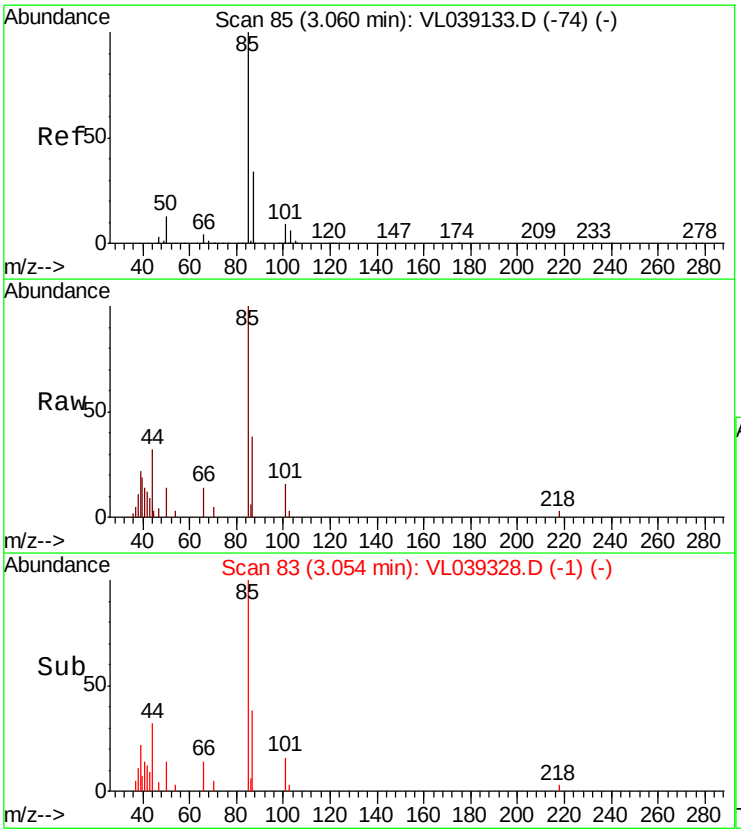
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 22 Jun 2022 20:14

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 49 Resp: 1104020

Ion	Ratio	Lower	Upper
49	100		
128	56.0	24.7	74.1
130	72.8	31.4	94.0

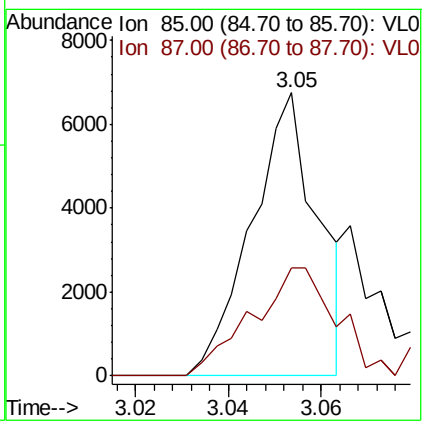


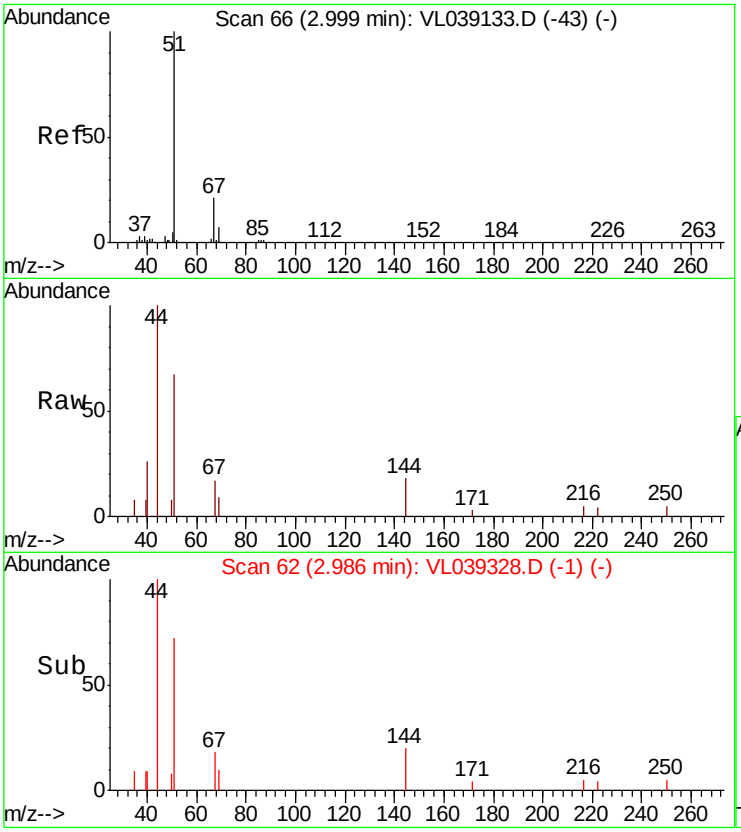


#2
Dichlorodifluoromethane
Concen: 0.034 ppbv
RT: 3.05 min Scan# 83
Delta R.T. -0.01 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 85 Resp: 6679

Ion	Ratio	Lower	Upper
85	100		
87	37.9	26.9	40.3



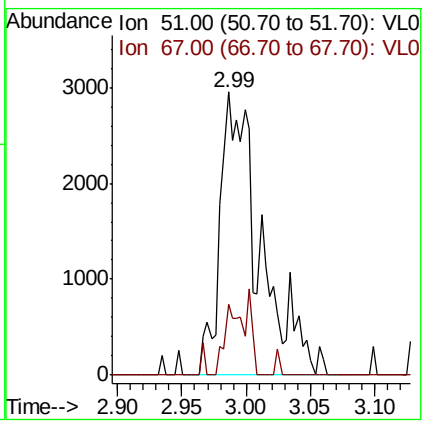


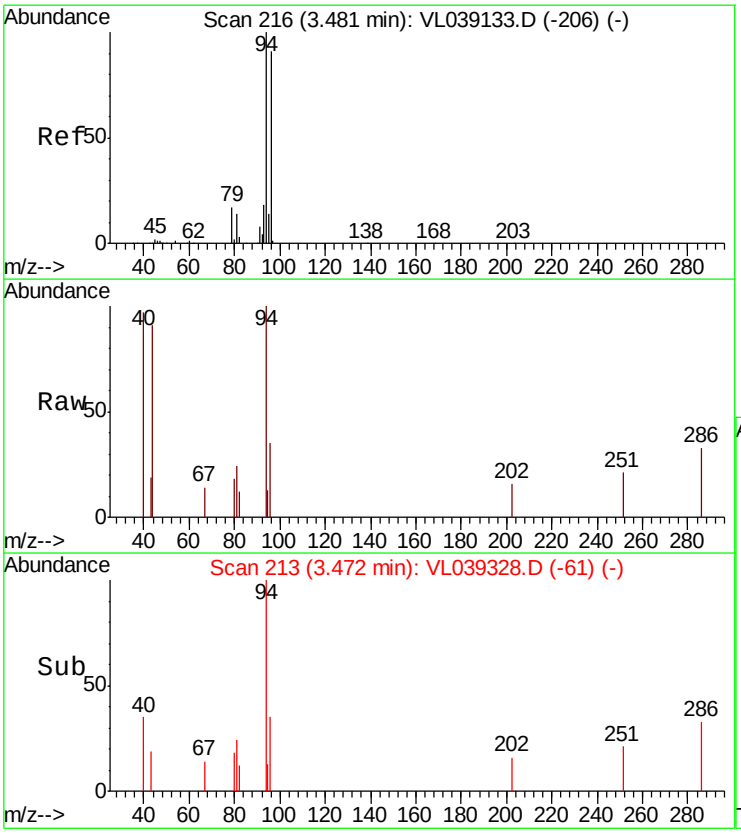
#3
Chlorodifluoromethane
Concen: 0.045 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 22 Jun 2022 20:14

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 51 Resp: 6302

Ion	Ratio	Lower	Upper
51	100		
67	15.8	16.2	24.4#

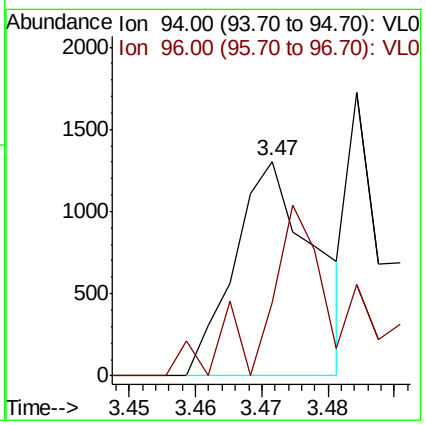


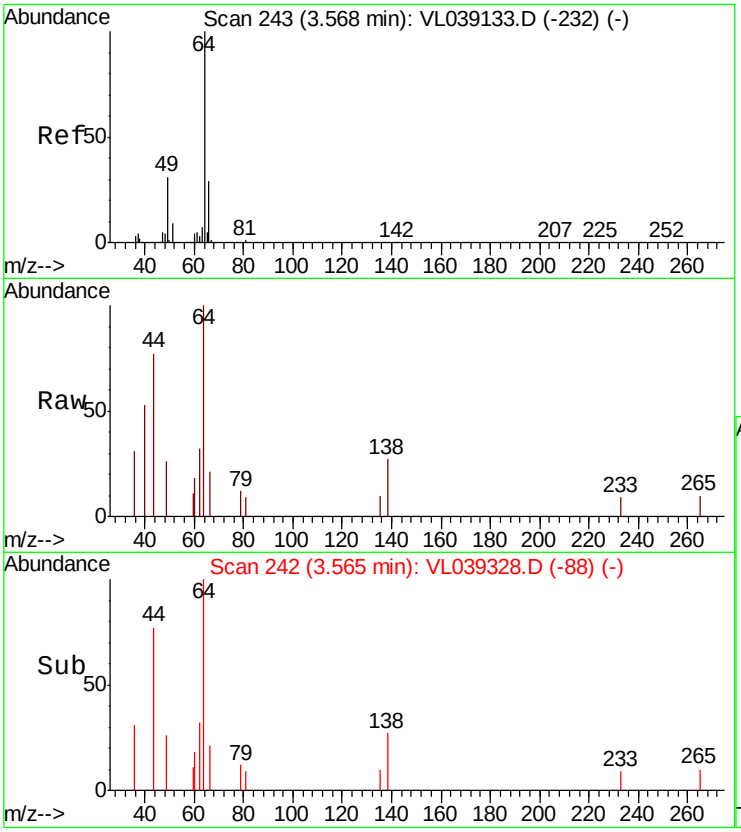


#6
Bromomethane
Concen: 0.033 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.01 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 94 Resp: 1089

Ion	Ratio	Lower	Upper
94	100		
96	21.5	73.0	109.4#



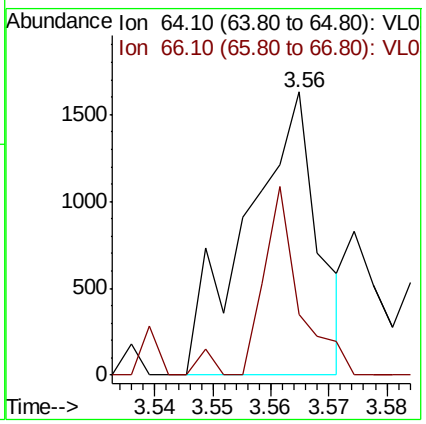


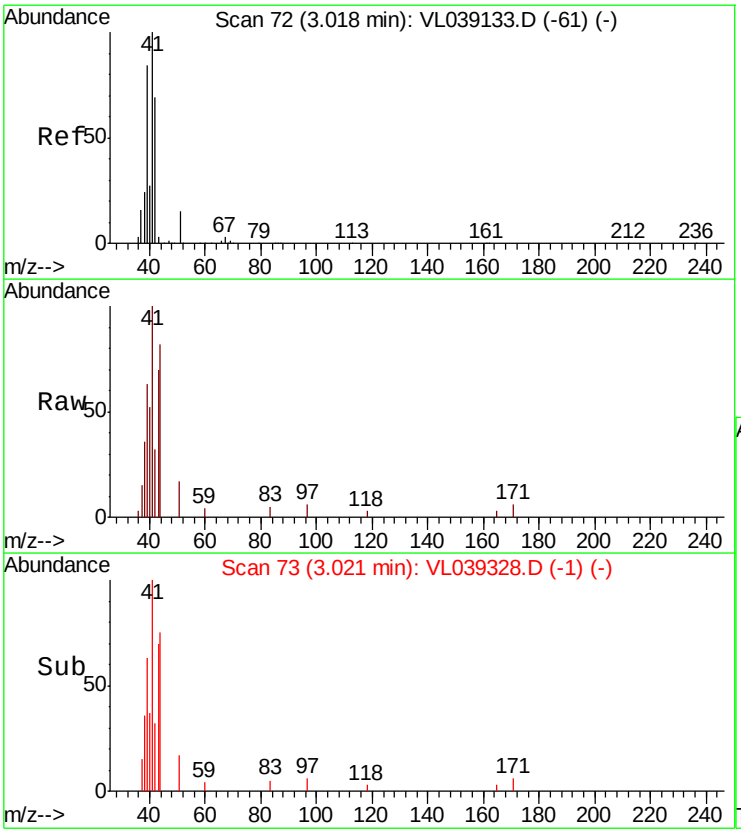
#7
Chloroethane
Concen: 0.059 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 22 Jun 2022 20:14

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 64 Resp: 1388

Ion	Ratio	Lower	Upper
64	100		
66	21.4	23.6	35.4#

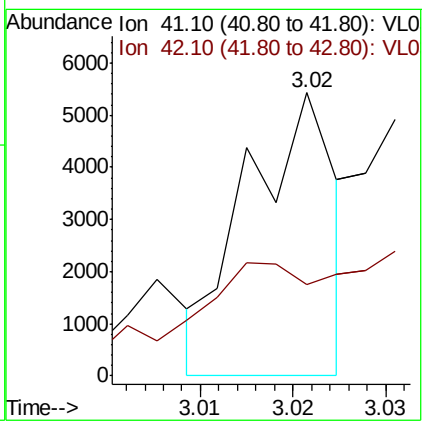


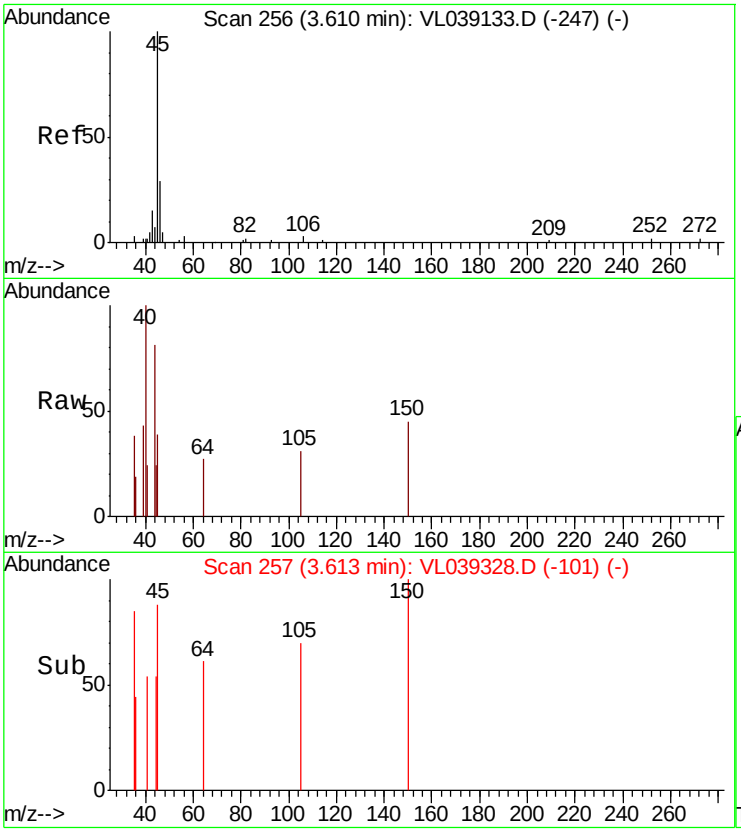


#9
Propene
Concen: 0.059 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 41 Resp: 3585

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.4	83.2#



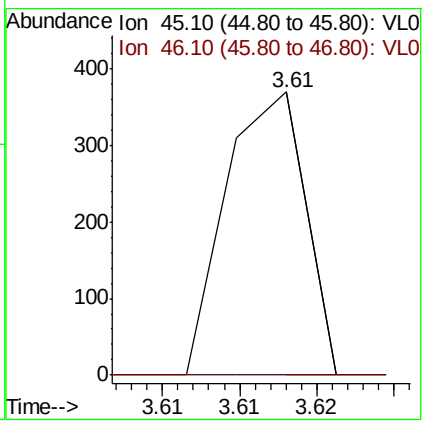


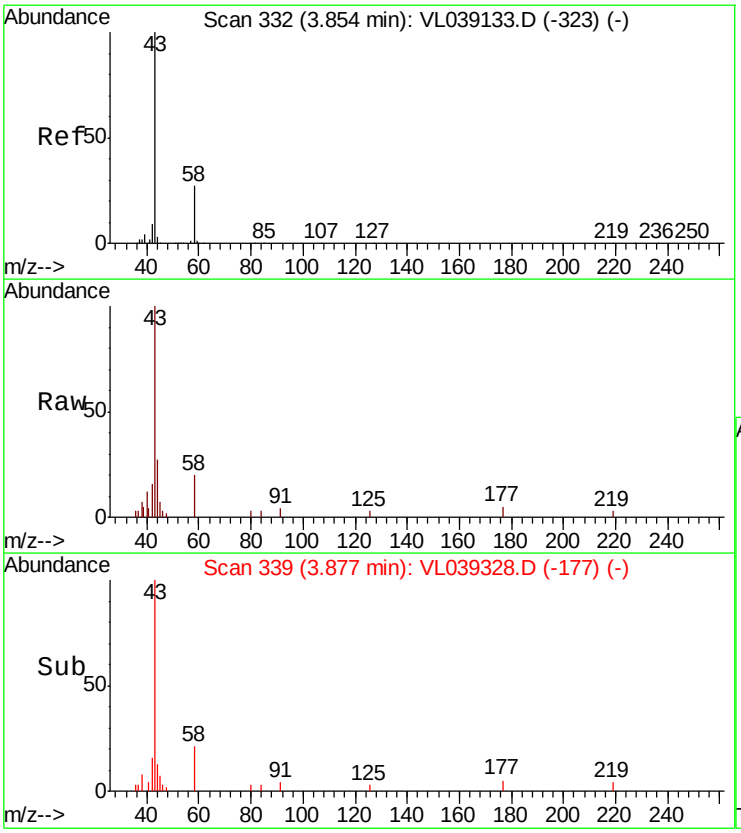
#13
Ethanol
Concen: 0.039 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 22 Jun 2022 20:14

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 45 Resp: 131

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0

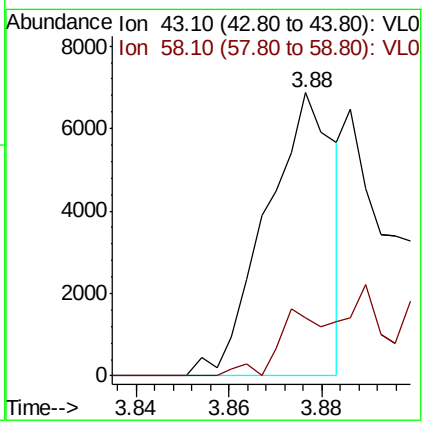


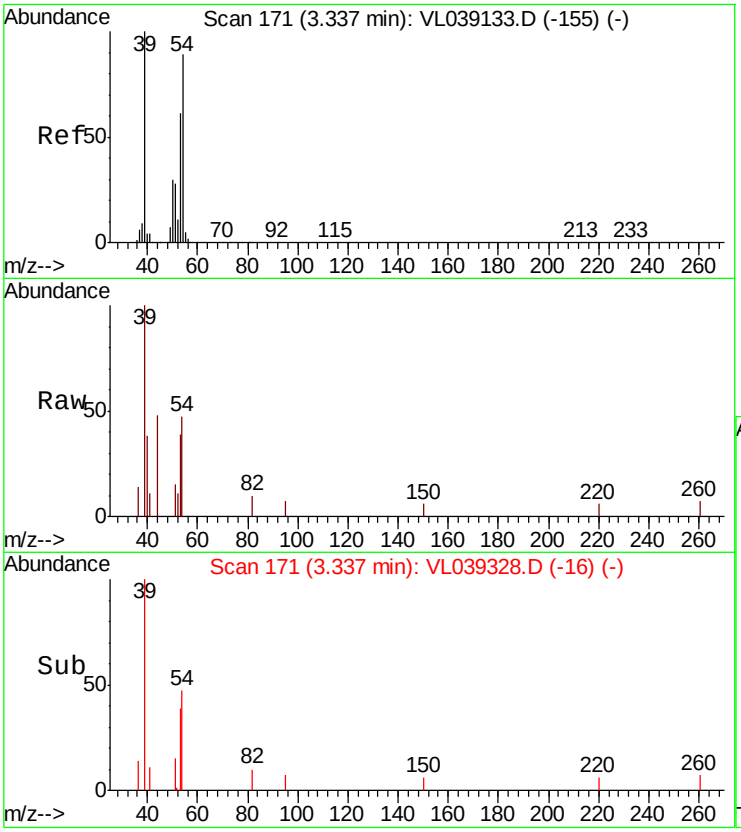


#15
Acetone
Concen: 0.061 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.02 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 43 Resp: 6961

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.5	33.7#



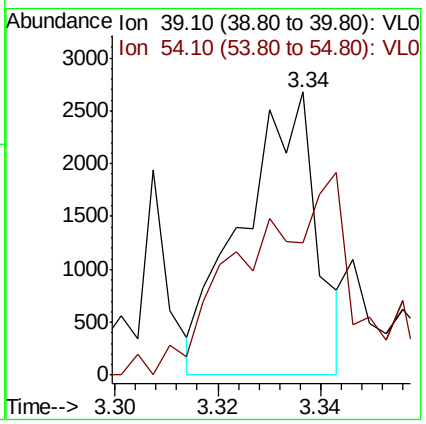


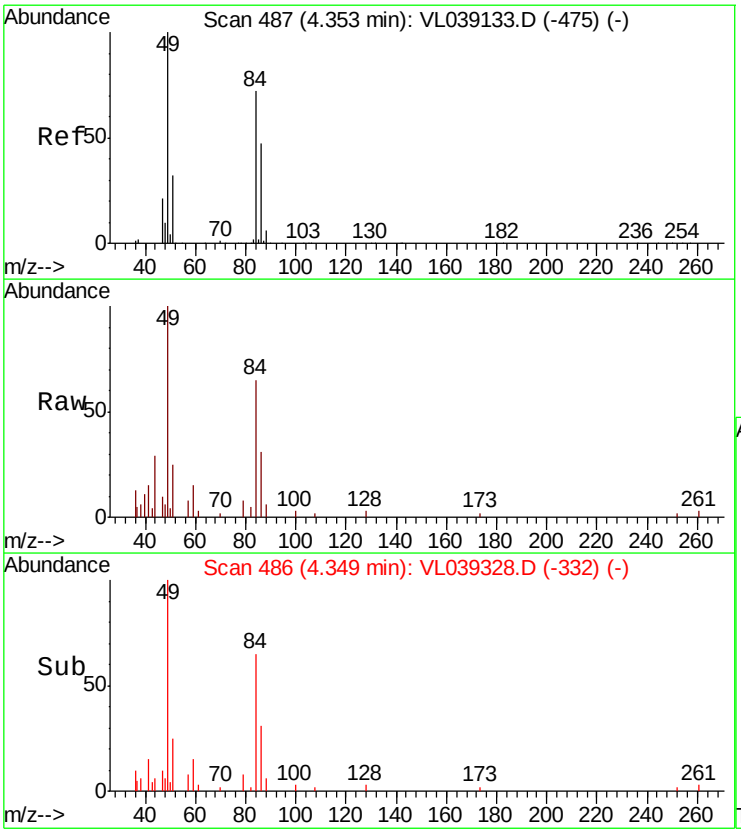
#16
1,3-Butadiene
Concen: 0.043 ppbv
RT: 3.34
Delta R.T
Lab File:
Acq: 22 Jun 2022 20:14

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 39 Resp: 2657

Ion	Ratio	Lower	Upper
39	100		
54	0.0	65.8	98.6#

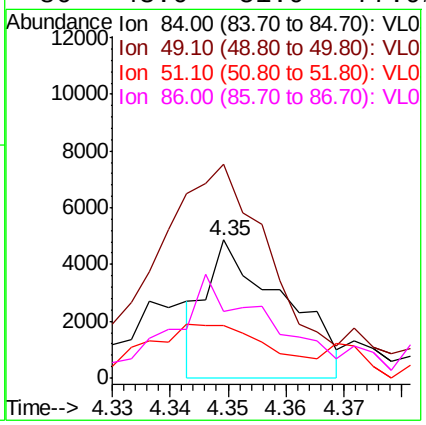


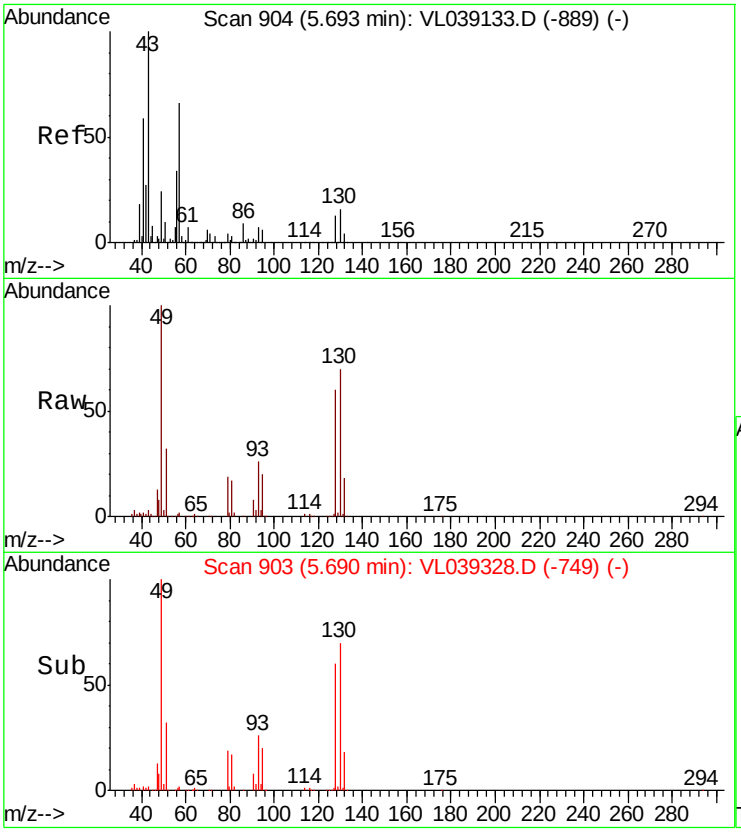


#20
Methylene Chloride
Concen: 0.092 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.00 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 84 Resp: 4451

Ion	Ratio	Lower	Upper
84	100		
49	164.7	111.1	166.7
51	16.3	35.3	52.9#
86	43.0	51.9	77.9#



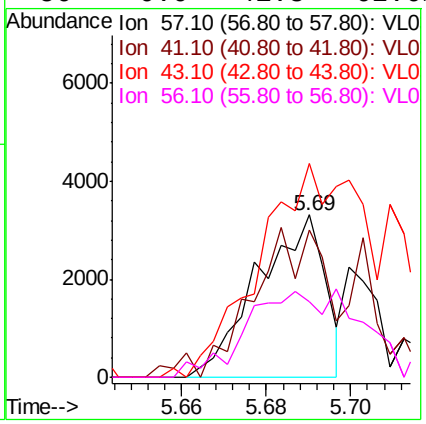


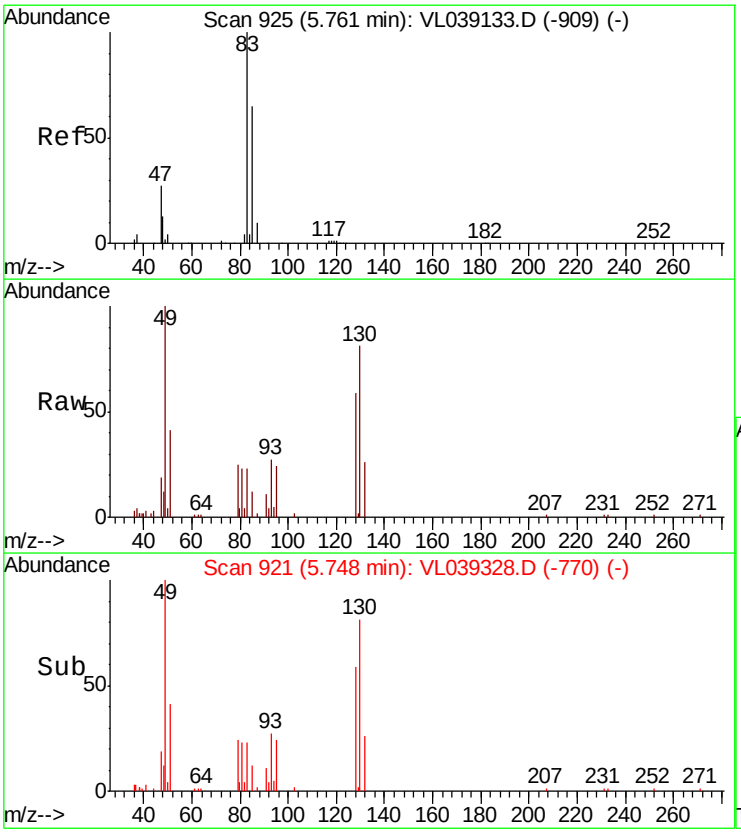
#26
Hexane
Concen: 0.032 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 22 Jun 2022 20:14

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 57 Resp: 3660

Ion	Ratio	Lower	Upper
57	100		
41	166.7	72.4	108.6#
43	331.8	187.0	280.6#
56	0.0	41.8	62.6#

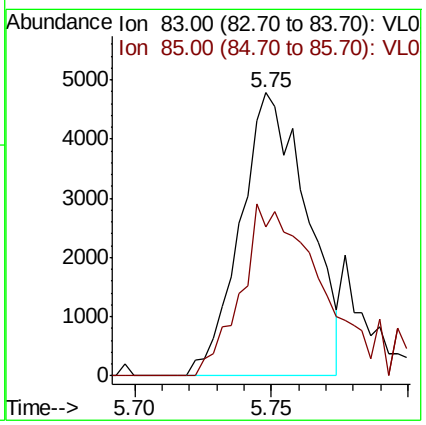


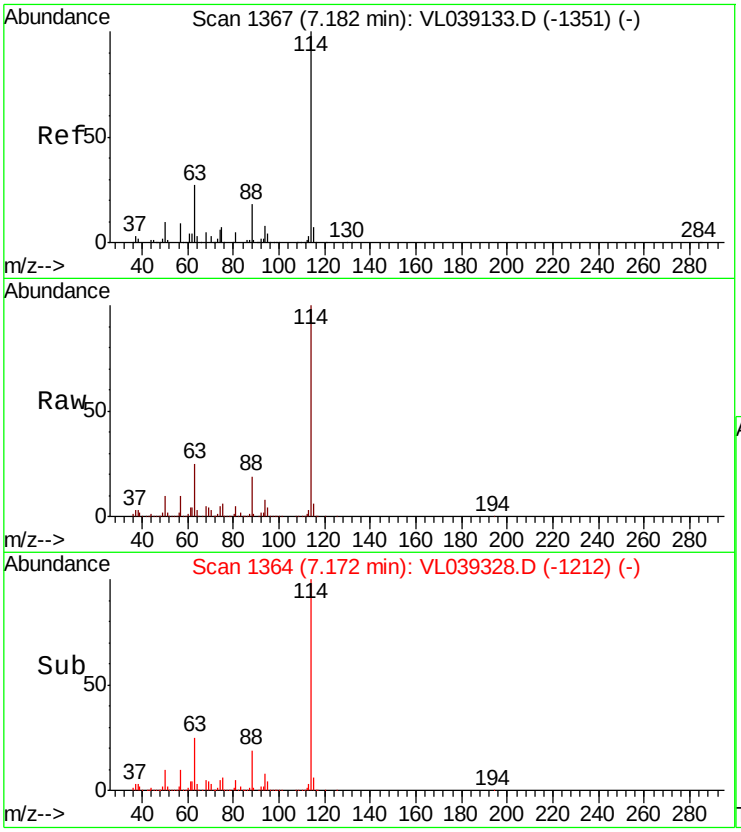


#29
Chloroform
Concen: 0.042 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 83 Resp: 8131

Ion	Ratio	Lower	Upper
83	100		
85	52.5	52.4	78.6



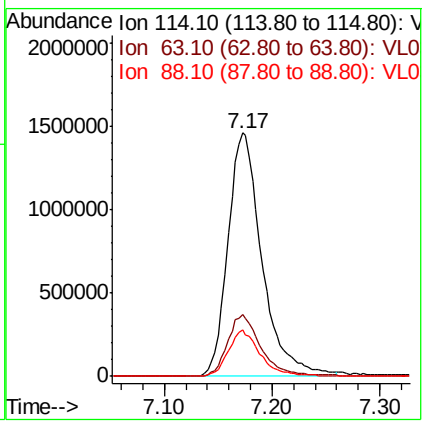


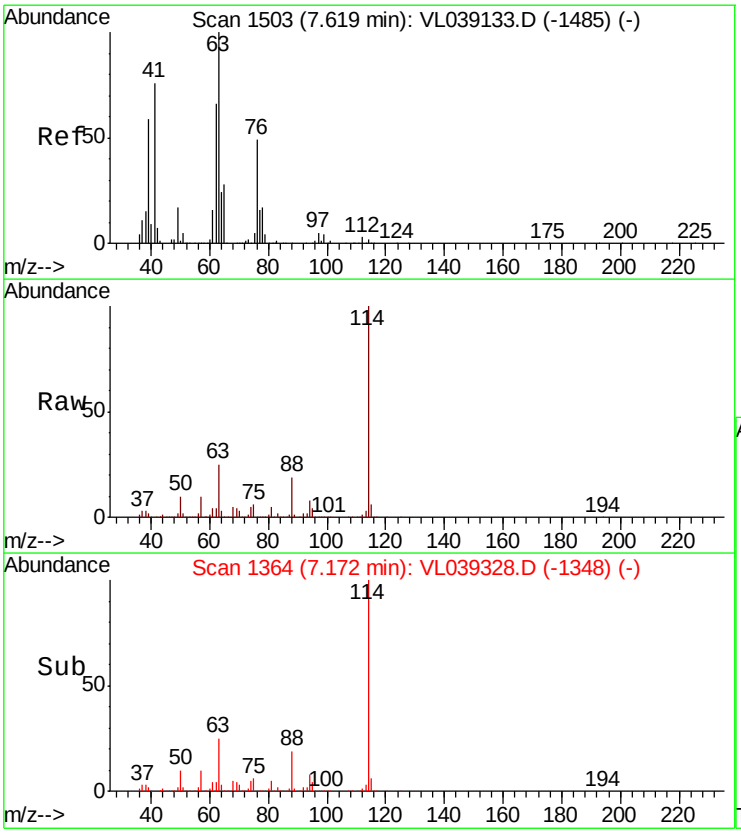
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 22 Jun 2022 20:14

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion:114 Resp: 3220652

Ion	Ratio	Lower	Upper
114	100		
63	25.3	21.7	32.5
88	18.2	14.8	22.2

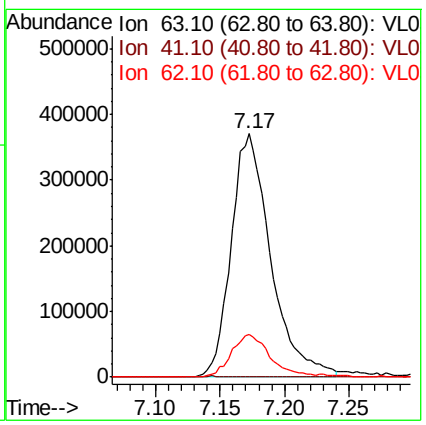


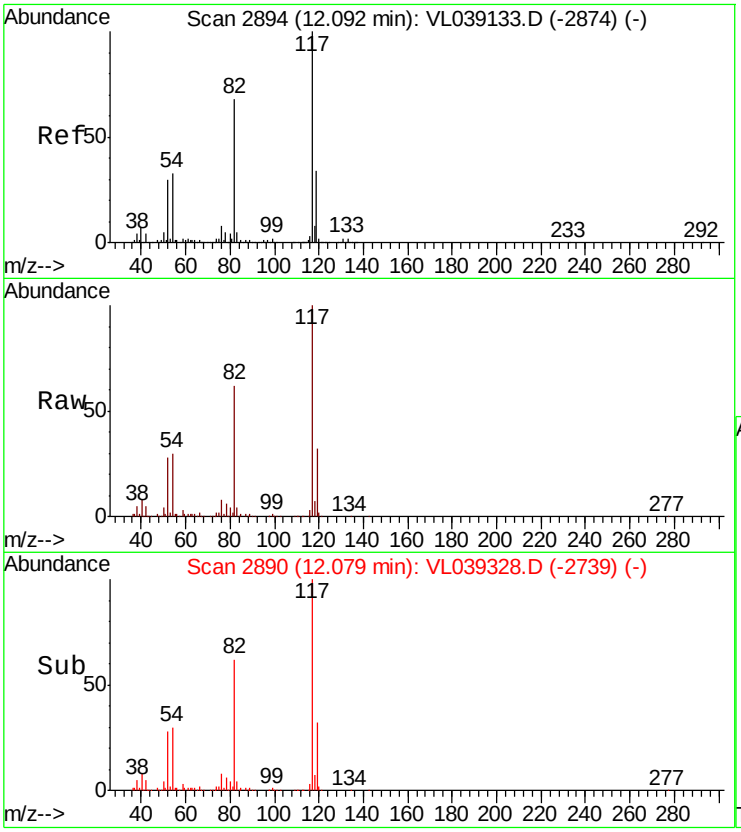


#39
1,2-Dichloropropane
Concen: 7.605 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.45 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 63 Resp: 790985

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	17.6	52.9	79.3#



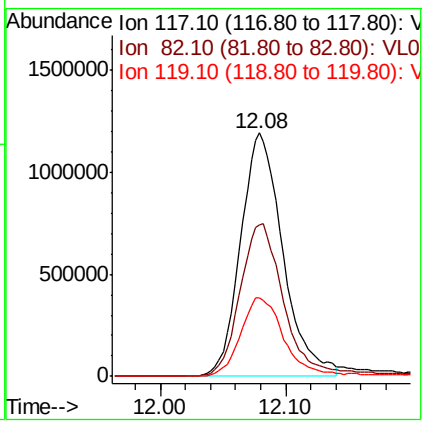


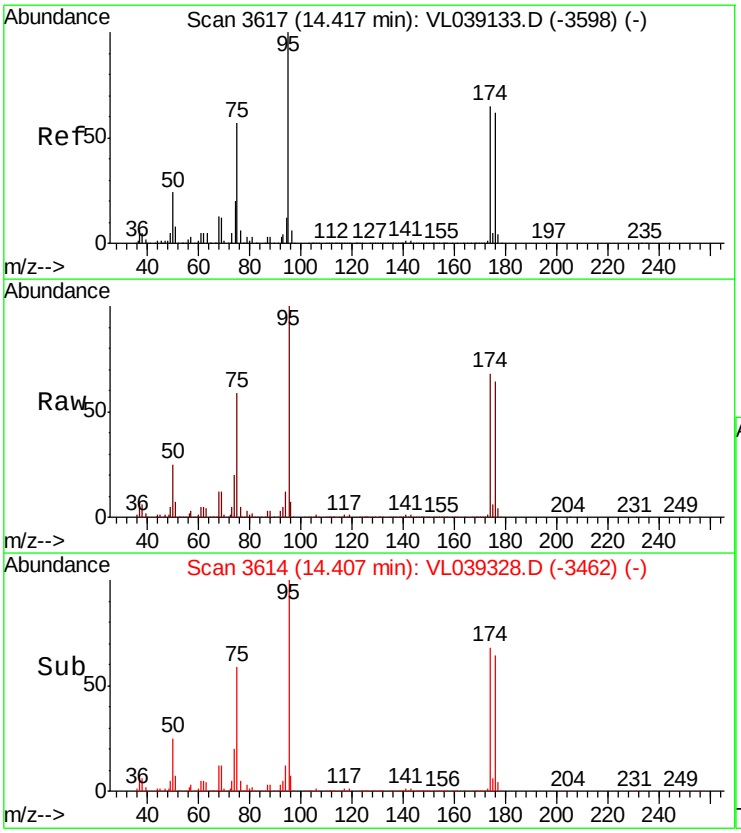
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 22 Jun 2022 20:14

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion:117 Resp: 2794198

Ion	Ratio	Lower	Upper
117	100		
82	66.9	55.1	82.7
119	33.6	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.622 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 95 Resp: 2222828

Ion	Ratio	Lower	Upper
95	100		
174	69.7	53.8	80.8
175	5.0	4.1	6.1