Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060822\
Data File : VL039246.D
Acq On : 8 Jun 2022 22:25
Operator : SY/AP
Sample : N3214-14 0.03 LOQ
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 09 06:42:20 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	5.68	49	941725	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2195890	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1839596	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1596264	10.50	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	8015	0.048	ppbv #	82
3) Chlorodifluoromethane	3.00	51	5808	0.048	ppbv	98
6) Bromomethane	3.49	94	1155	0.041	ppbv #	21
8) Dichlorotetrafluoroethane	3.20	85	5424	0.036	ppbv #	72
11) Trichlorofluoromethane	3.96	101	5052	0.034	ppbv	98
20) Methylene Chloride	4.36	84	3485	0.084	ppbv #	84
23) Vinyl Acetate	5.10	43	2496	0.031	ppbv #	45
39) 1,2-Dichloropropane	7.19	63	653261	9.212	ppbv #	27

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

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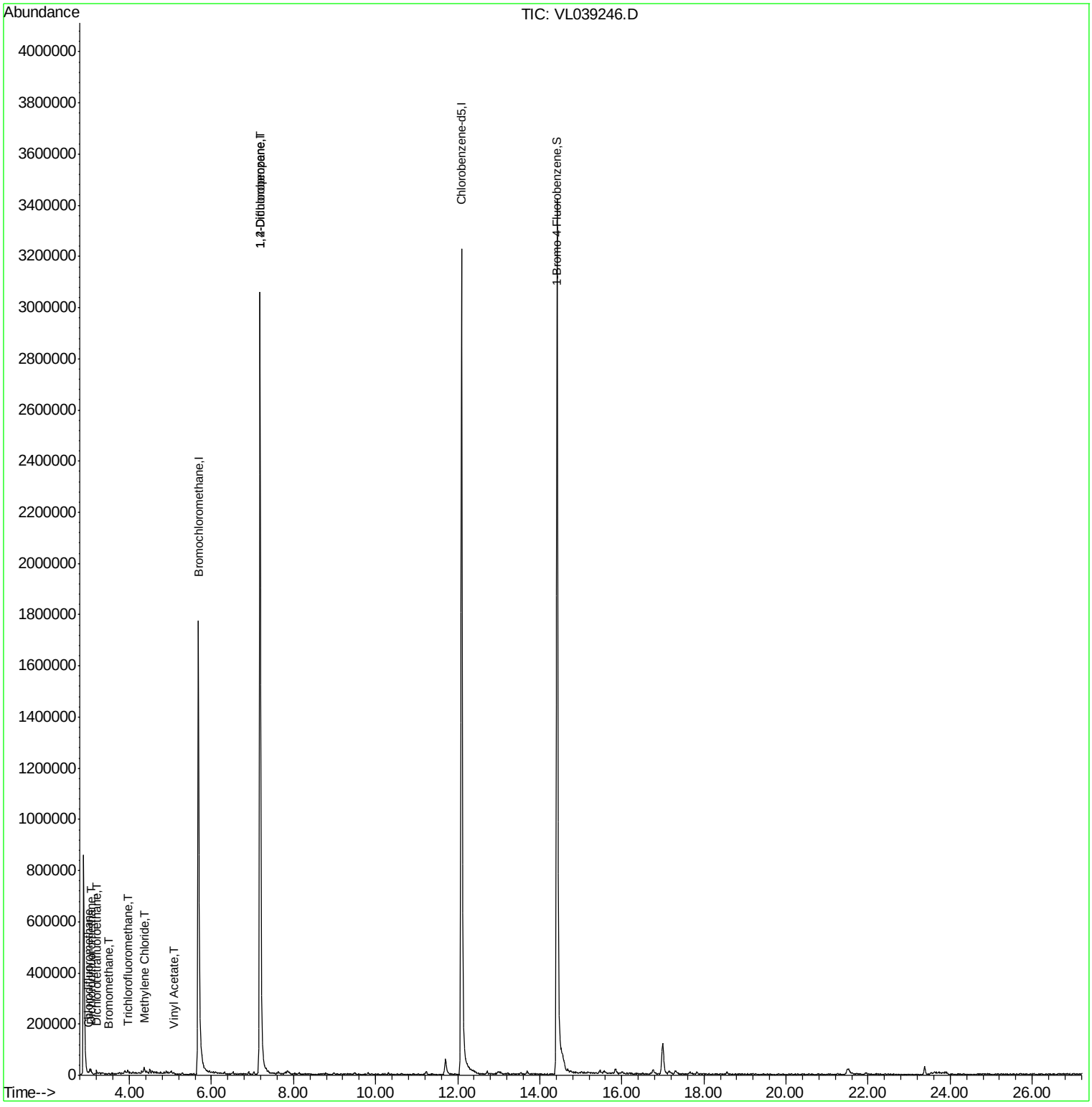
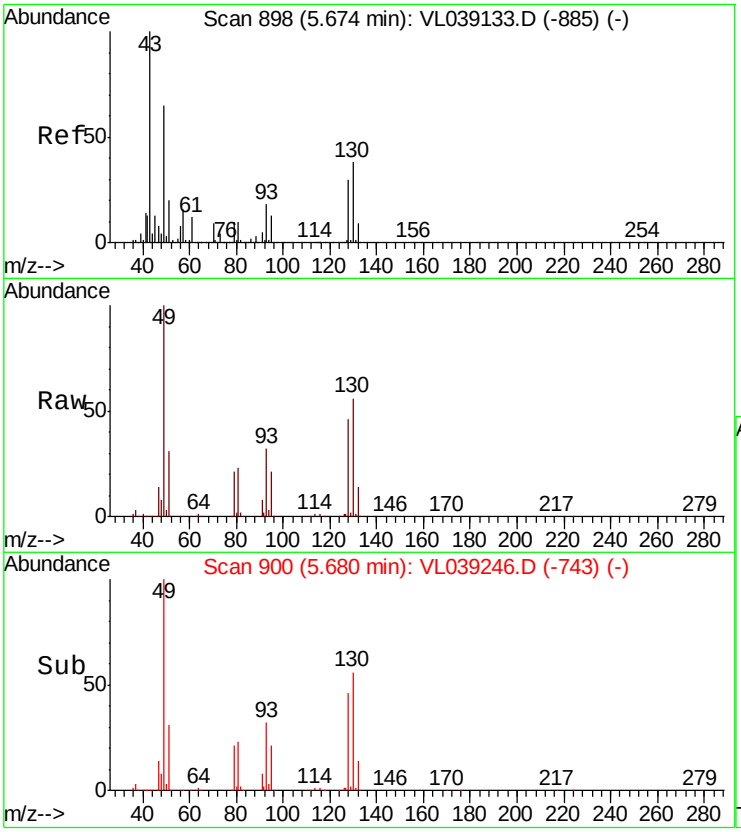


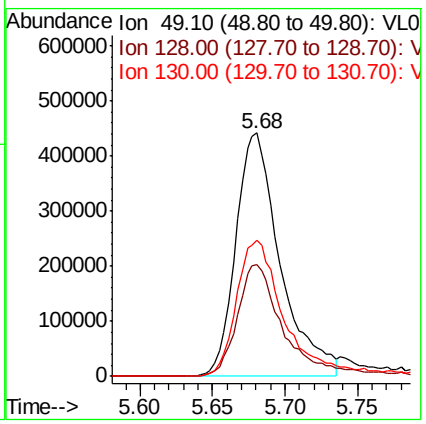


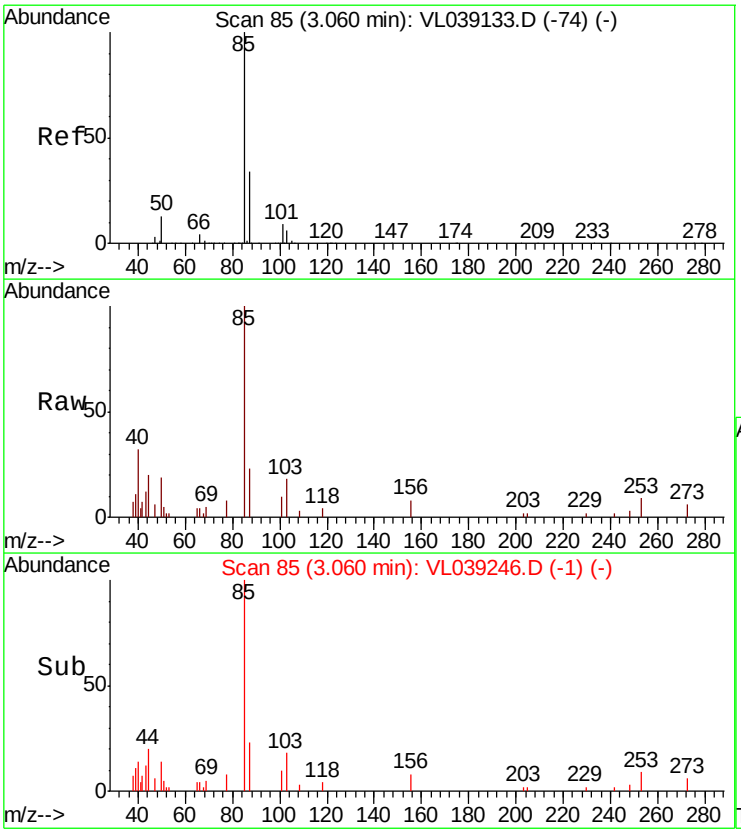
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 8 Jun 2022 22:25

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

Tgt Ion: 49 Resp: 941725

Ion	Ratio	Lower	Upper
49	100		
128	50.2	24.7	74.1
130	62.7	31.4	94.0

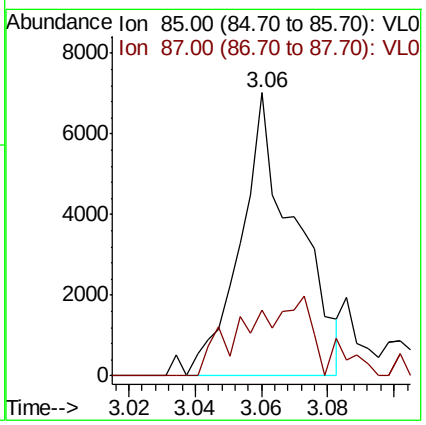


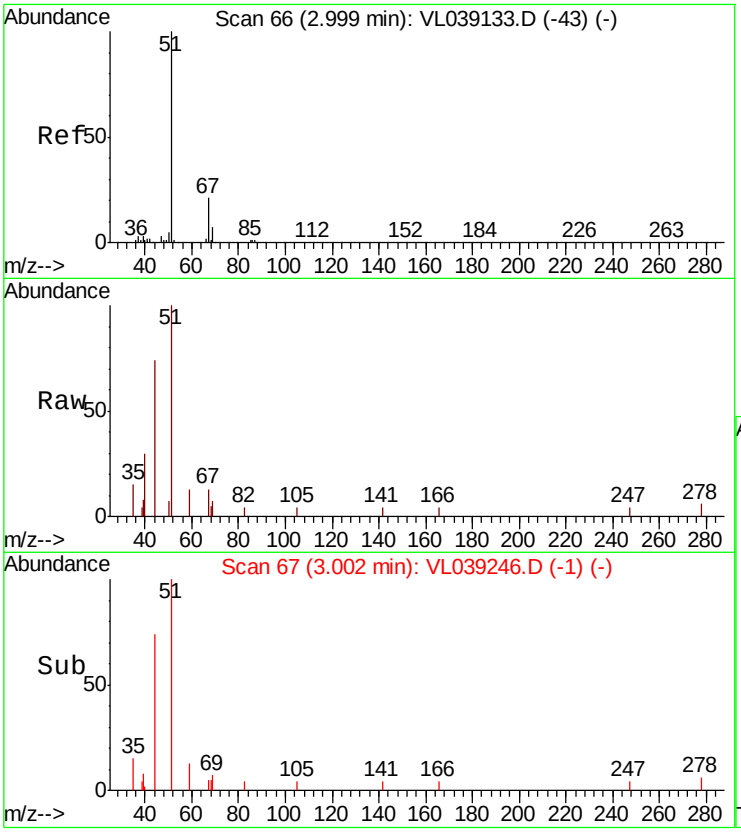


#2
Dichlorodifluoromethane
Concen: 0.048 ppbv
RT: 3.06 min Scan# 85
Delta R.T. -0.00 min
Lab File: VL039246.D
Acq: 8 Jun 2022 22:25

Tgt Ion: 85 Resp: 8015

Ion	Ratio	Lower	Upper
85	100		
87	23.5	26.9	40.3#



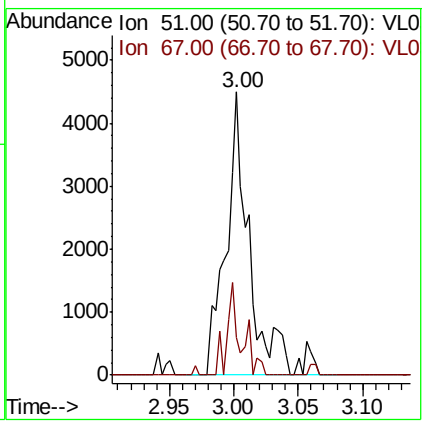


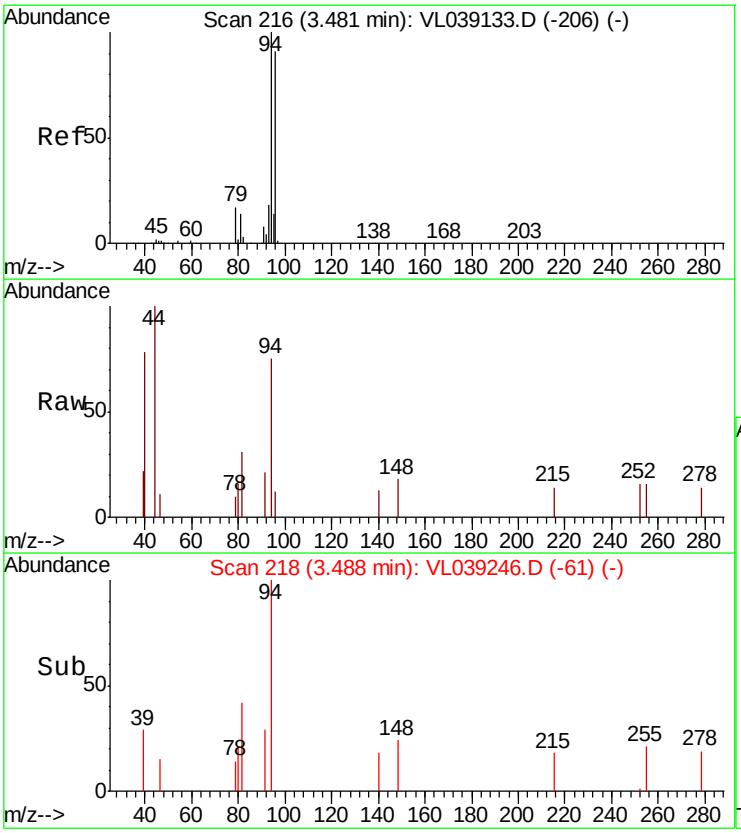
#3
Chlorodifluoromethane
Concen: 0.048 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 22:25

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

Tgt Ion: 51 Resp: 5808

Ion	Ratio	Lower	Upper
51	100		
67	19.4	16.2	24.4

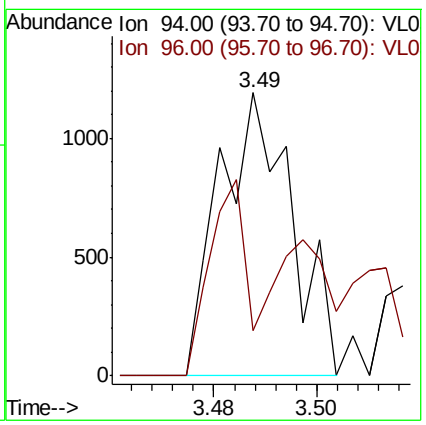


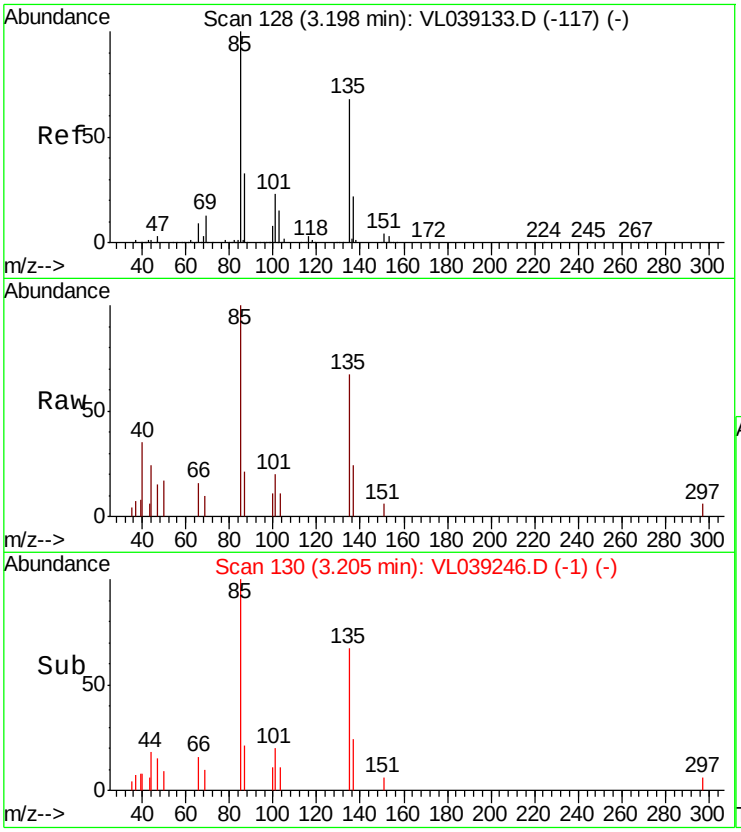


#6
Bromomethane
Concen: 0.041 ppbv
RT: 3.49 min Scan# 218
Delta R.T. 0.01 min
Lab File: VL039246.D
Acq: 8 Jun 2022 22:25

Tgt Ion: 94 Resp: 1155

Ion	Ratio	Lower	Upper
94	100		
96	15.9	73.0	109.4#



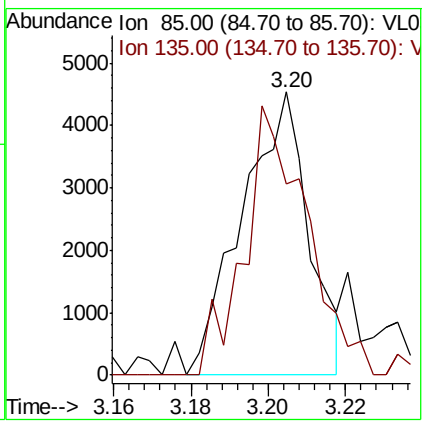


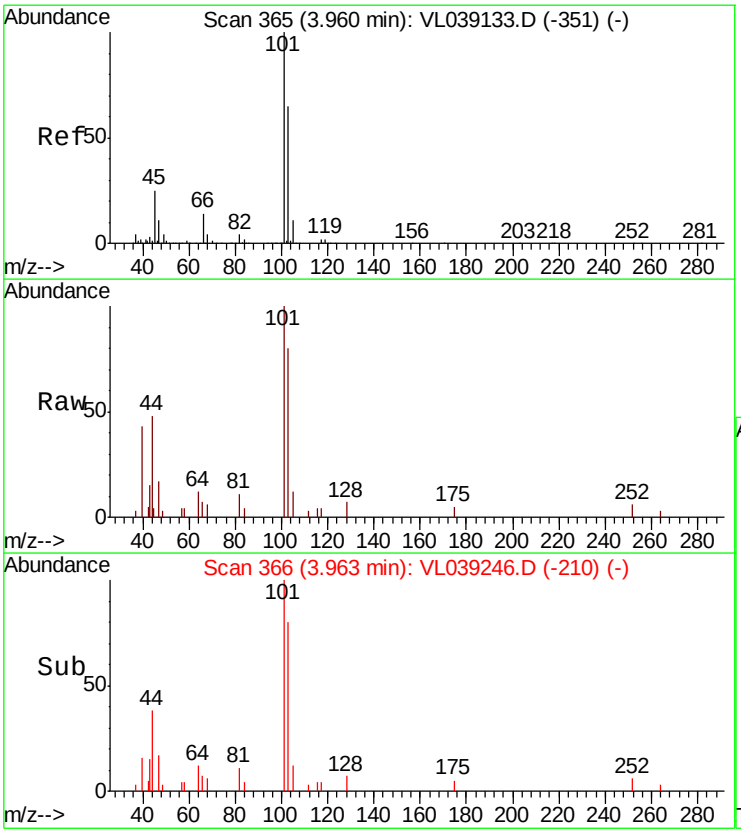
#8
Dichlorotetrafluoroethane
Concen: 0.036 ppbv
RT: 3.20
Delta R.T
Lab File:
Acq: 8 Jun 2022 22:25

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

Tgt Ion: 85 Resp: 5424

Ion	Ratio	Lower	Upper
85	100		
135	91.6	55.0	82.4#

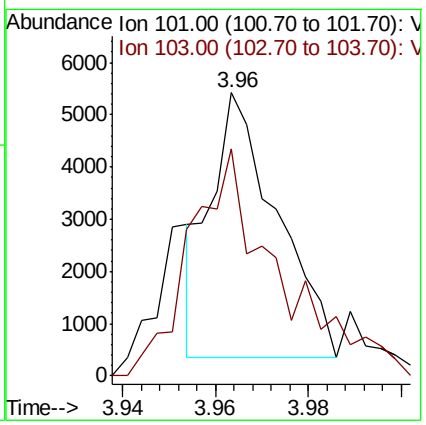


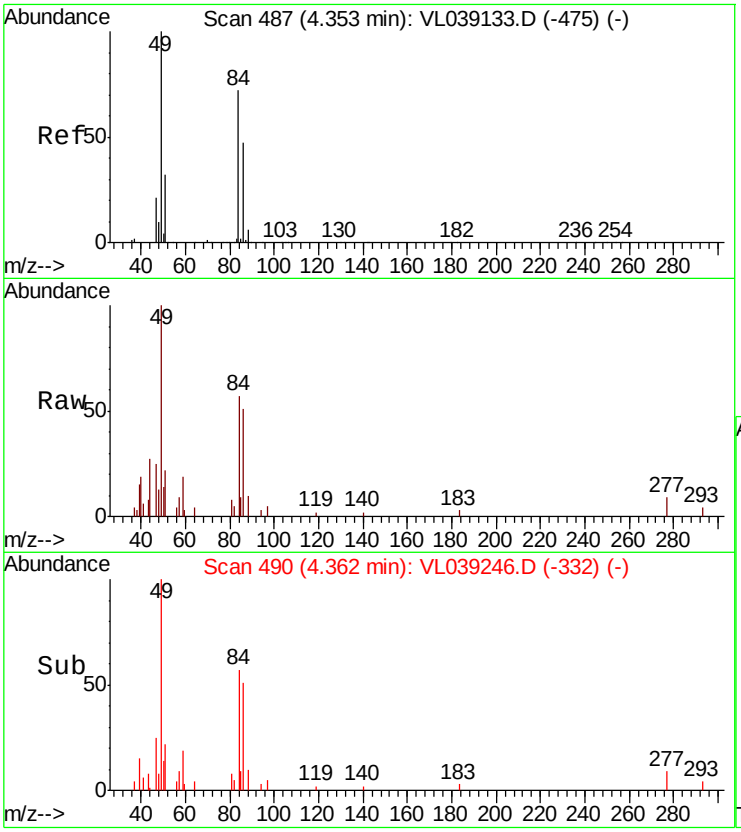


#11
Trichlorofluoromethane
Concen: 0.034 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.00 min
Lab File: VL039246.D
Acq: 8 Jun 2022 22:25

Tgt Ion:101 Resp: 5052

Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.7	77.5



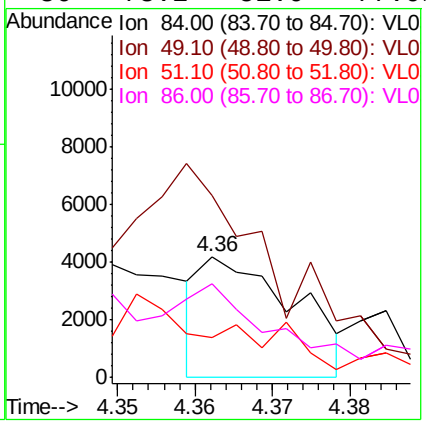


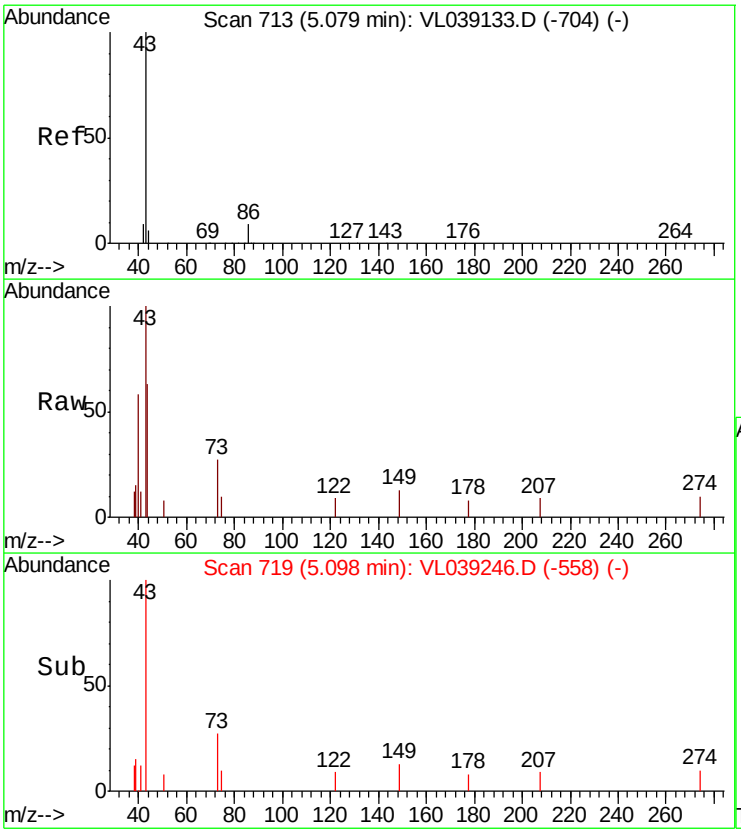
#20
Methylene Chloride
Concen: 0.084 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 8 Jun 2022 22:25

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

Tgt Ion: 84 Resp: 3485

Ion	Ratio	Lower	Upper
84	100		
49	163.4	111.1	166.7
51	41.8	35.3	52.9
86	78.2	51.9	77.9#

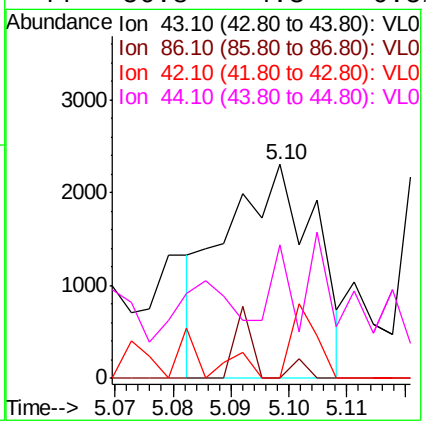


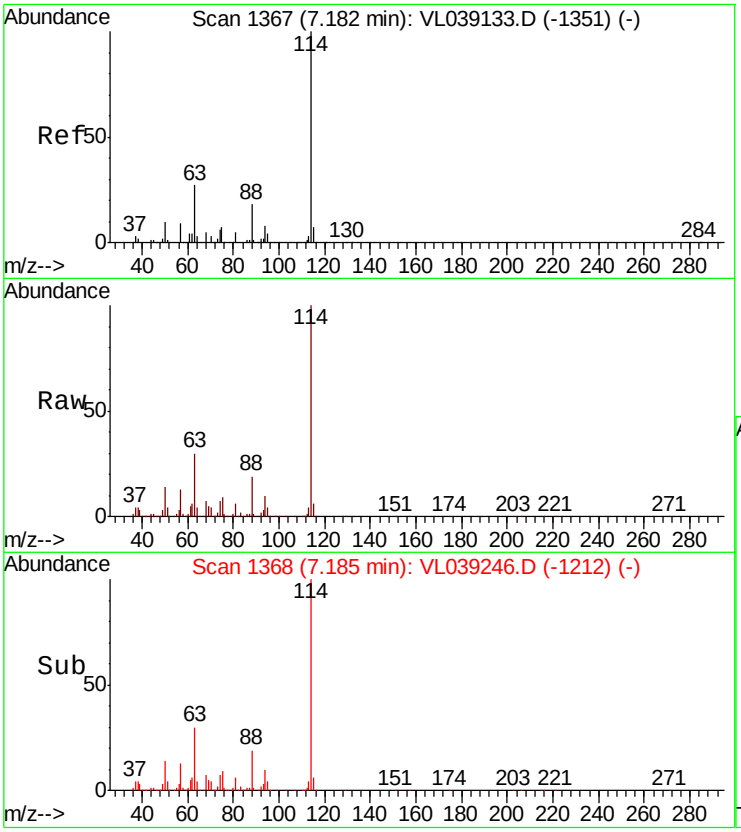


#23
Vinyl Acetate
Concen: 0.031 ppbv
RT: 5.10 min Scan# 719
Delta R.T. 0.02 min
Lab File: VL039246.D
Acq: 8 Jun 2022 22:25

Tgt Ion: 43 Resp: 2496

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#
42	0.0	8.2	12.4#
44	56.8	4.3	6.5#



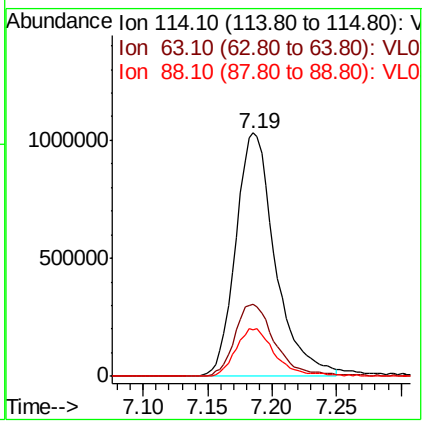


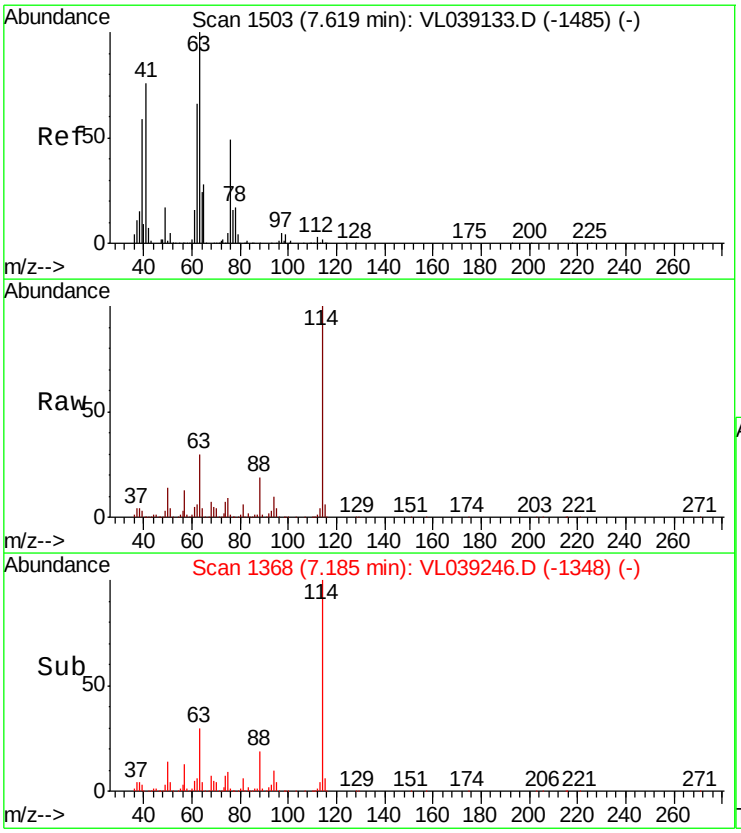
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 8 Jun 2022 22:25

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

Tgt Ion:114 Resp: 2195890

Ion	Ratio	Lower	Upper
114	100		
63	30.7	21.7	32.5
88	20.0	14.8	22.2

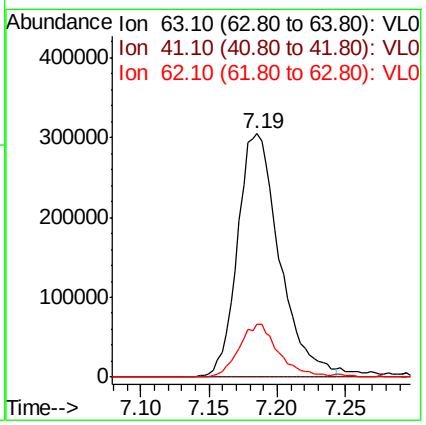


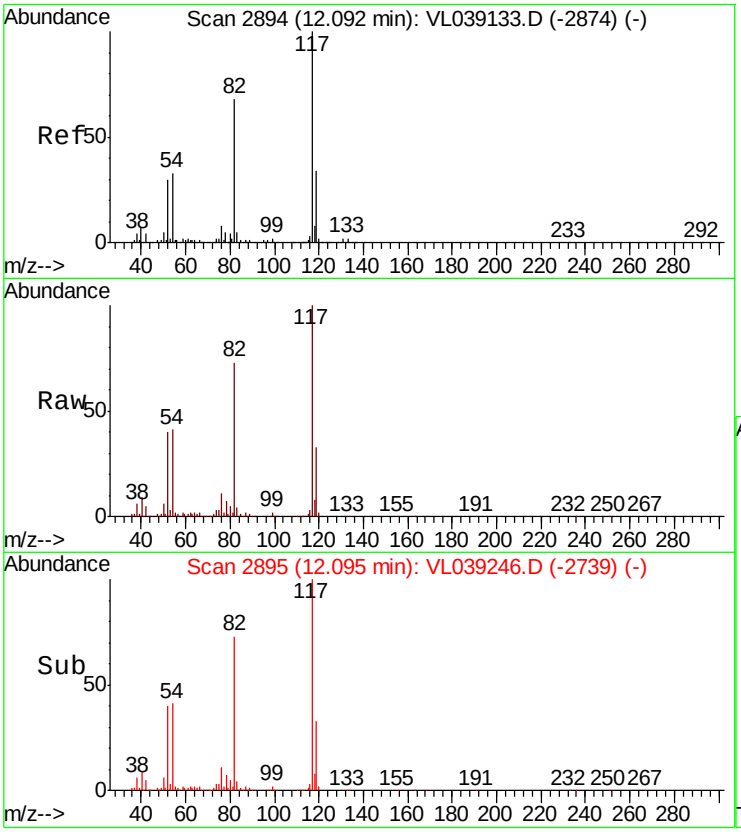


#39
1,2-Dichloropropane
Concen: 9.212 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.43 min
Lab File: VL039246.D
Acq: 8 Jun 2022 22:25

Tgt Ion: 63 Resp: 653261

Ion	Ratio	Lower	Upper
63	100		
41	0.2	60.8	91.2#
62	21.8	52.9	79.3#



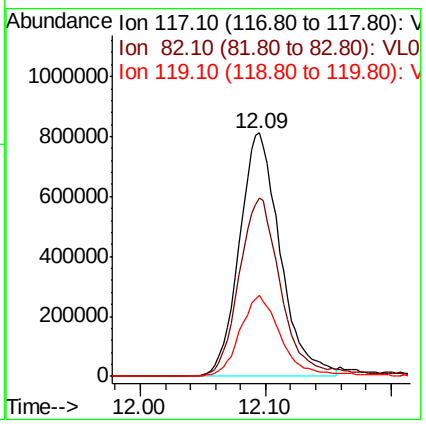


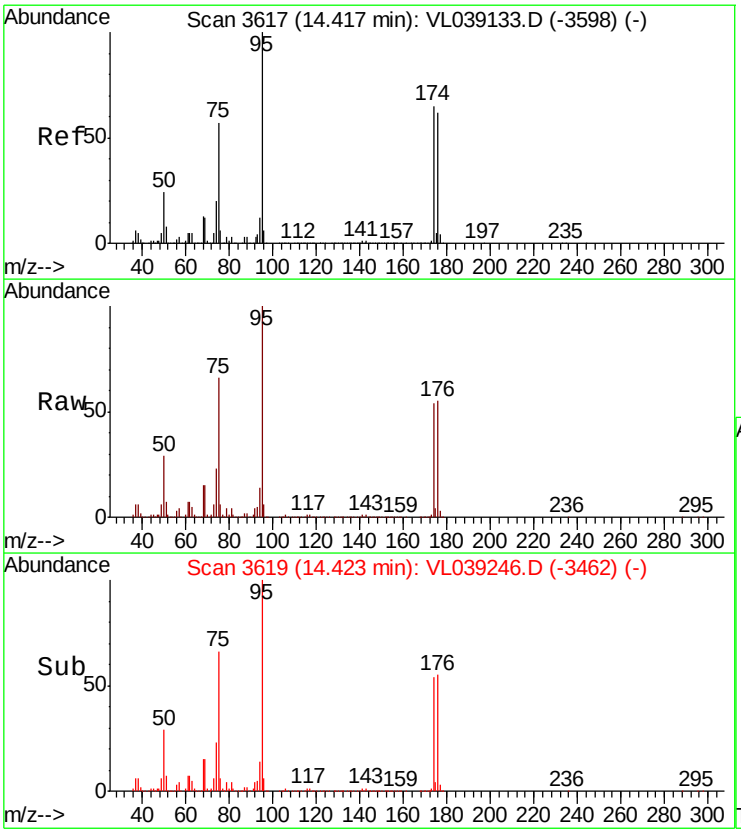
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 8 Jun 2022 22:25

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

Tgt Ion:117 Resp: 1839596

Ion	Ratio	Lower	Upper
117	100		
82	76.2	55.1	82.7
119	33.6	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.496 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL039246.D
Acq: 8 Jun 2022 22:25

Tgt Ion: 95 Resp: 1596264

Ion	Ratio	Lower	Upper
95	100		
174	61.2	53.8	80.8
175	4.4	4.1	6.1