Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051122\
Data File : VL039029.D
Acq On : 11 May 2022 21:05
Operator : SY/AP
Sample : N2753-03DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1DL

Quant Time: May 12 01:58:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	917865	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.15	114	2449063	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.06	117	2018059	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1531534	9.58	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	18989	0.13	ppbv		97
3) Chlorodifluoromethane	2.98	51	13335	0.12	ppbv	#	90
4) Chloromethane	3.13	50	6429	0.11	ppbv		96
9) Propene	3.01	41	2408	0.05	ppbv	#	13
11) Trichlorofluoromethane	3.94	101	7241	0.06	ppbv		94
13) Ethanol	3.59	45	15612	4.44	ppbv		64
15) Acetone	3.84	43	70315	0.81	ppbv	#	48
19) Isopropyl Alcohol	3.95	45	2465	0.06	ppbv	#	95
20) Methylene Chloride	4.33	84	18565	0.57	ppbv		90
23) Vinyl Acetate	5.05	43	3564	0.05	ppbv	#	83
25) Ethyl Acetate	5.67	43	17698	0.09	ppbv	#	81
26) Hexane	5.67	57	13755	0.15	ppbv	#	40
34) 2-Butanone	5.24	43	6899	0.06	ppbv	#	56
39) 1,2-Dichloropropane	7.15	63	620191	7.61	ppbv	#	26
53) Toluene	9.78	91	10015	0.04	ppbv	#	60

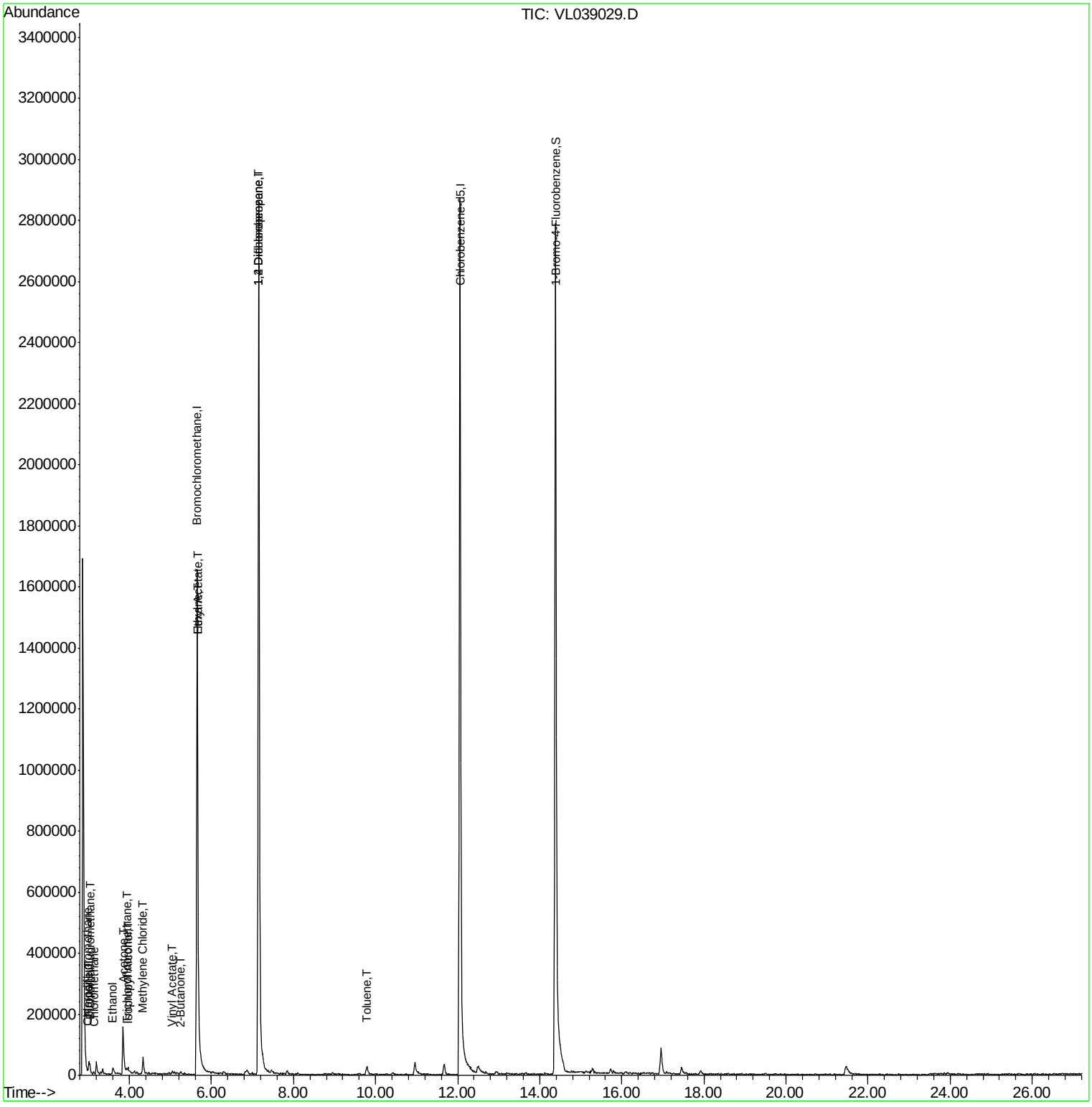
(#) = qualifier out of range (m) = manual integration (+) = signals summed

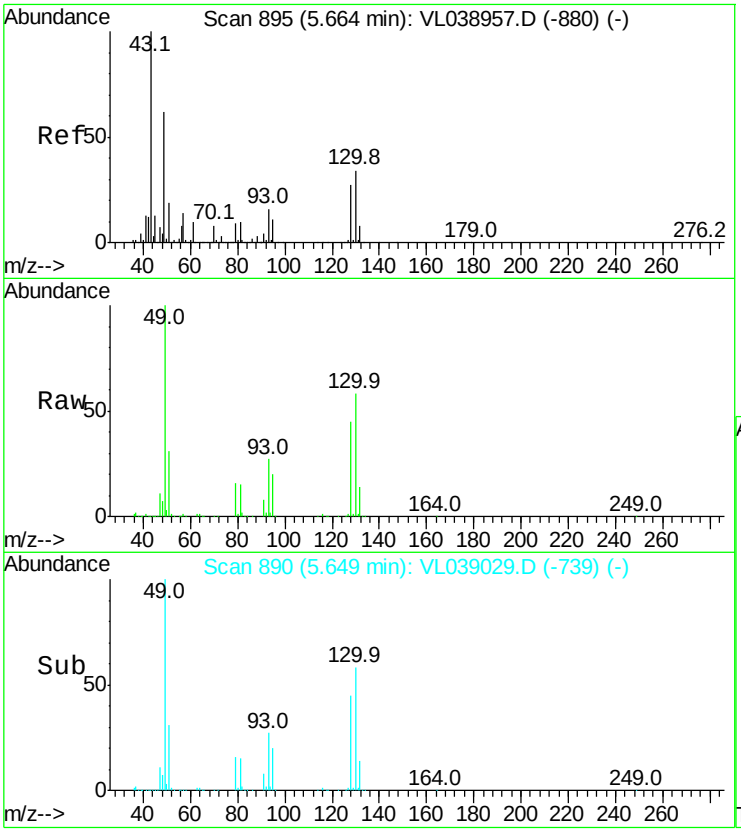
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051122\
Data File : VL039029.D
Acq On : 11 May 2022 21:05
Operator : SY/AP
Sample : N2753-03DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Quant Time: May 12 01:58:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



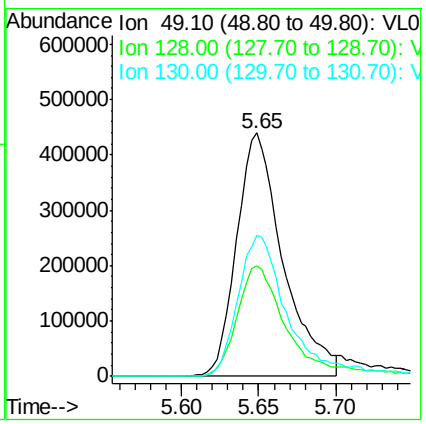


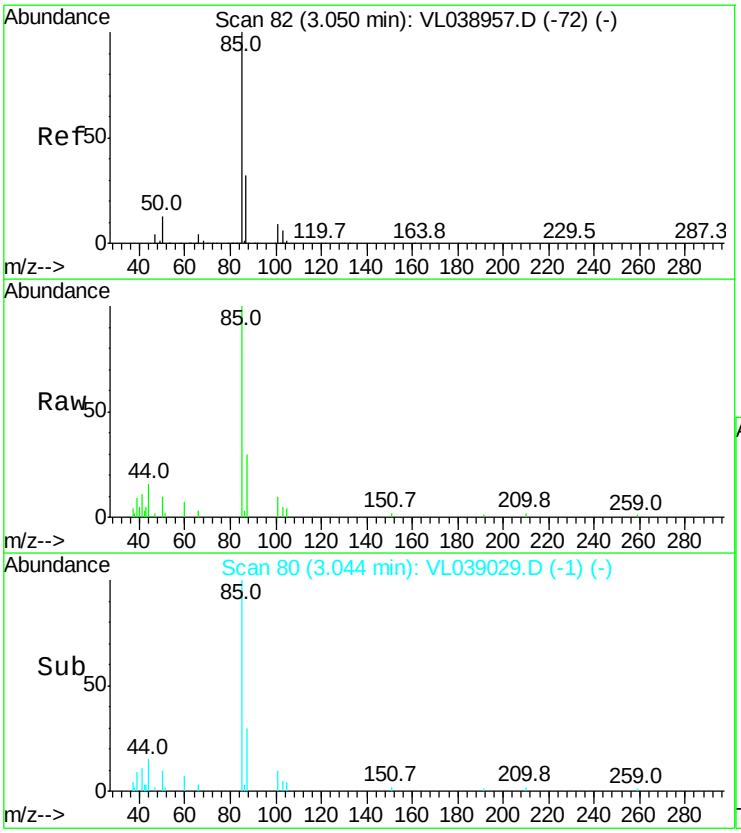
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 917865

Ion	Ratio	Lower	Upper
49	100		
128	51.1	23.3	69.8
130	64.5	29.8	89.3

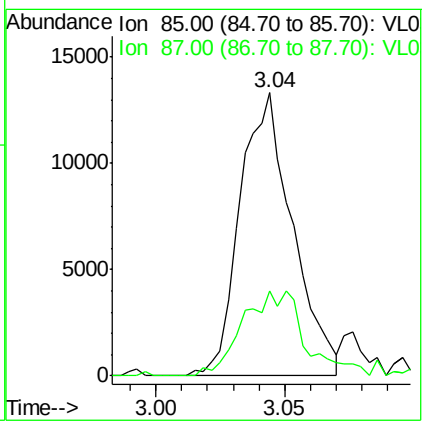


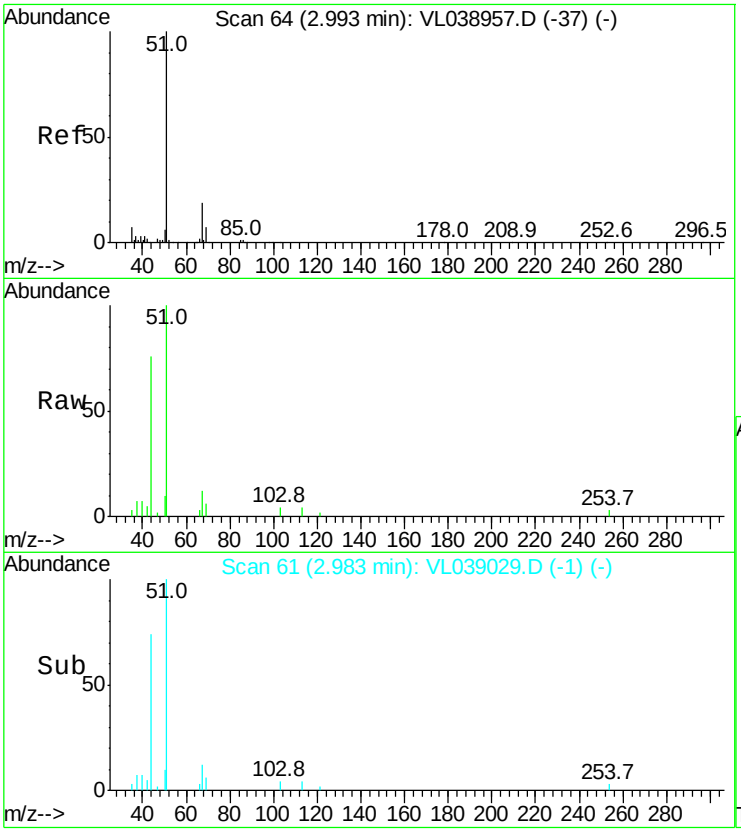


#2
Dichlorodifluoromethane
Concen: 0.13 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion: 85 Resp: 18989

Ion	Ratio	Lower	Upper
85	100		
87	30.2	25.7	38.5



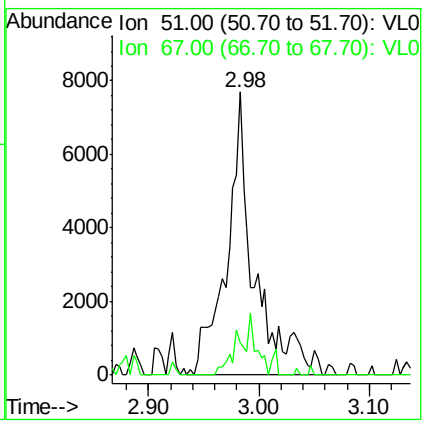


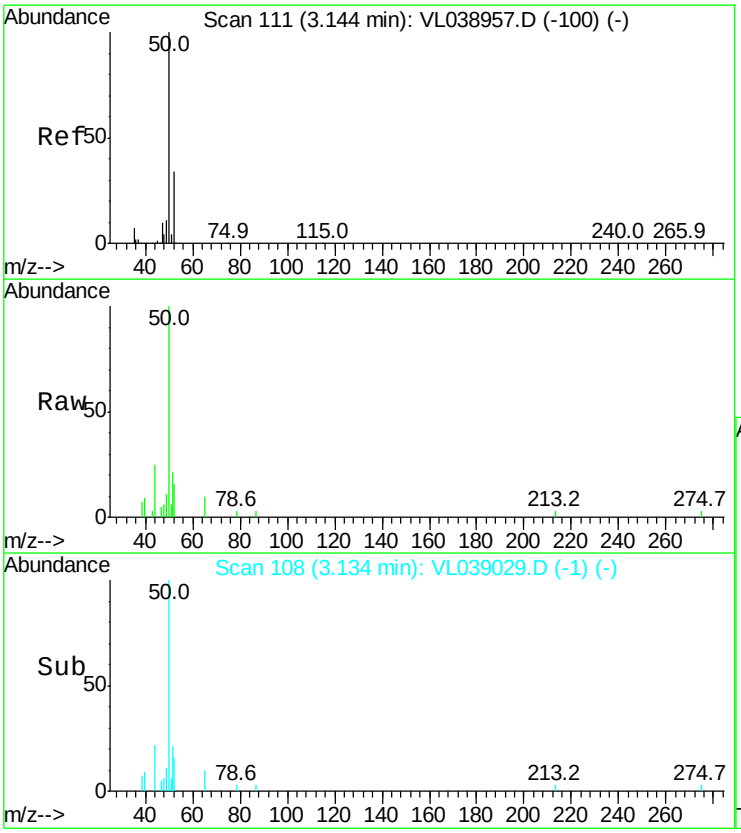
#3
Chlorodifluoromethane
Concen: 0.12 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 51 Resp: 13335

Ion	Ratio	Lower	Upper
51	100		
67	15.0	15.8	23.8#

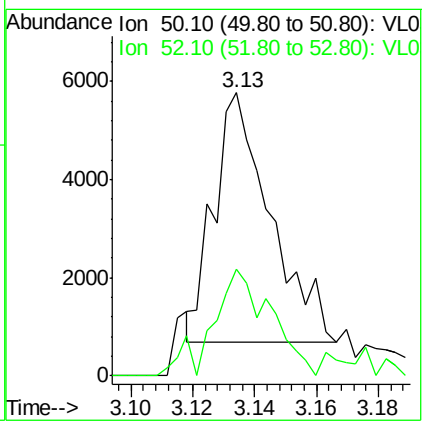


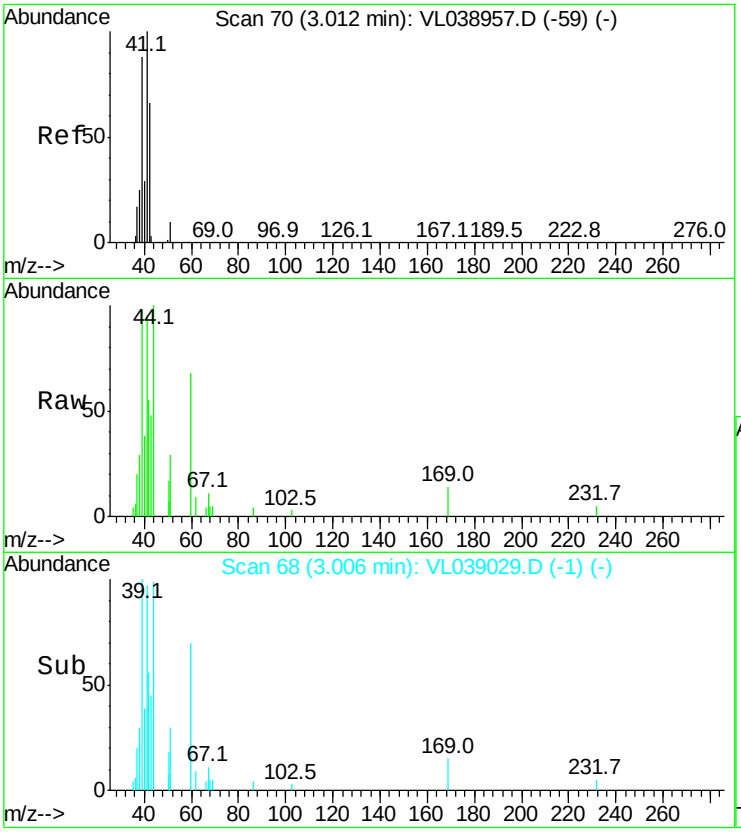


#4
Chloromethane
Concen: 0.11 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion: 50 Resp: 6429

Ion	Ratio	Lower	Upper
50	100		
52	36.6	27.3	40.9



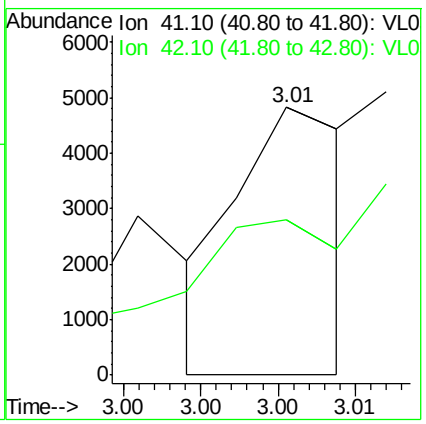


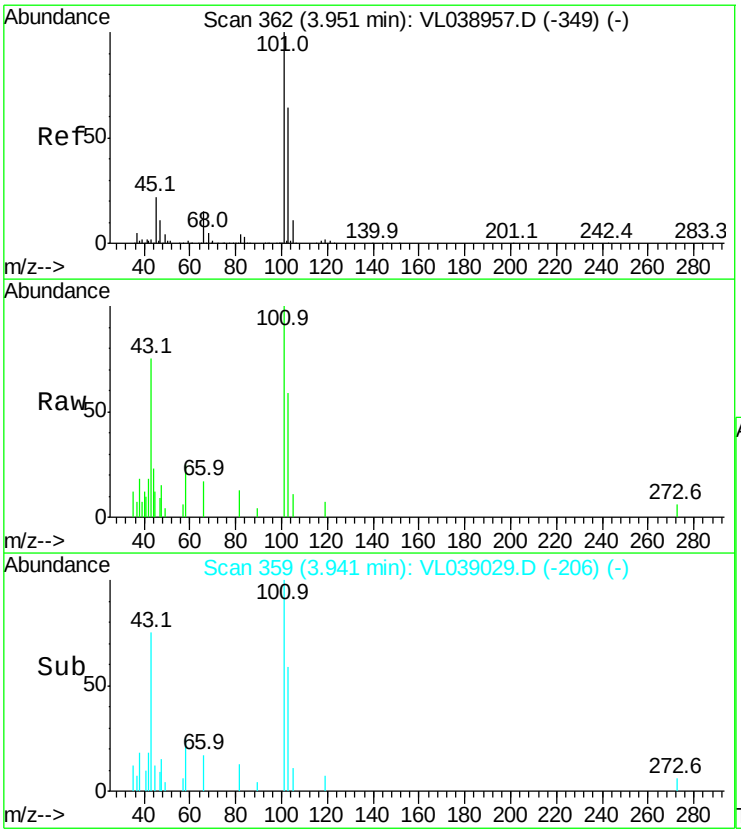
#9
Propene
Concen: 0.05 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 41 Resp: 2408

Ion	Ratio	Lower	Upper
41	100		
42	0.0	58.3	87.5#

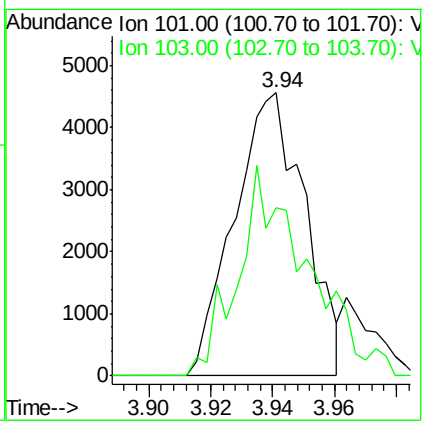


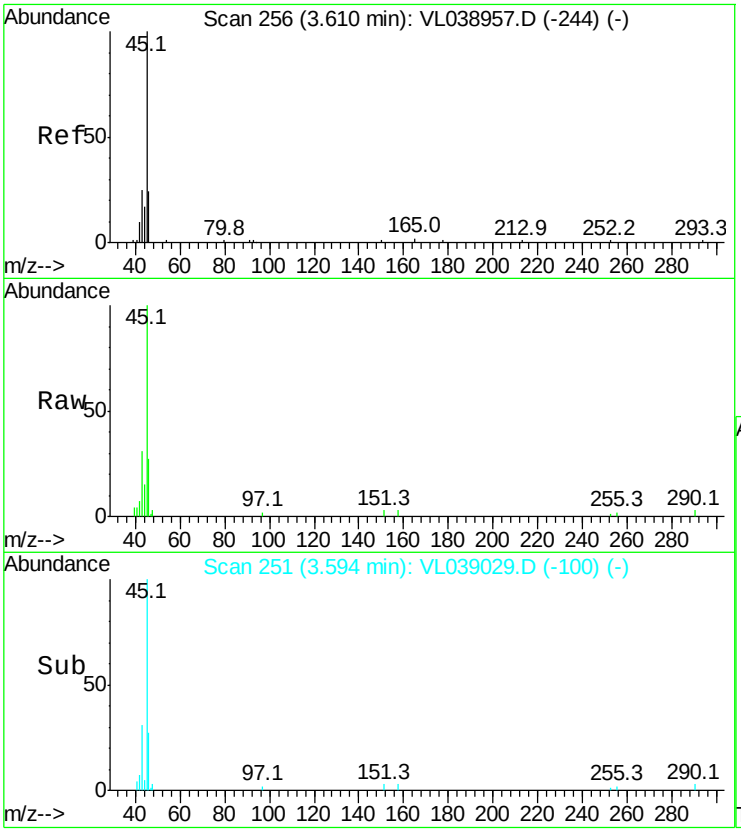


#11
Trichlorofluoromethane
Concen: 0.06 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.01 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion:101 Resp: 7241

Ion	Ratio	Lower	Upper
101	100		
103	59.3	51.5	77.3



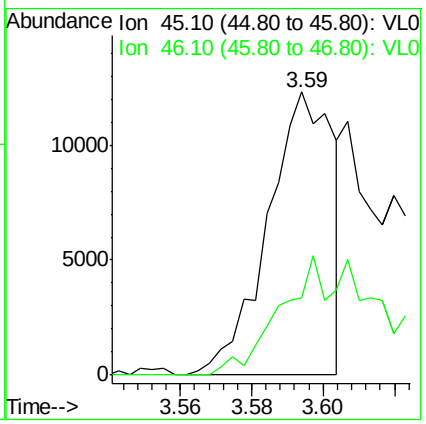


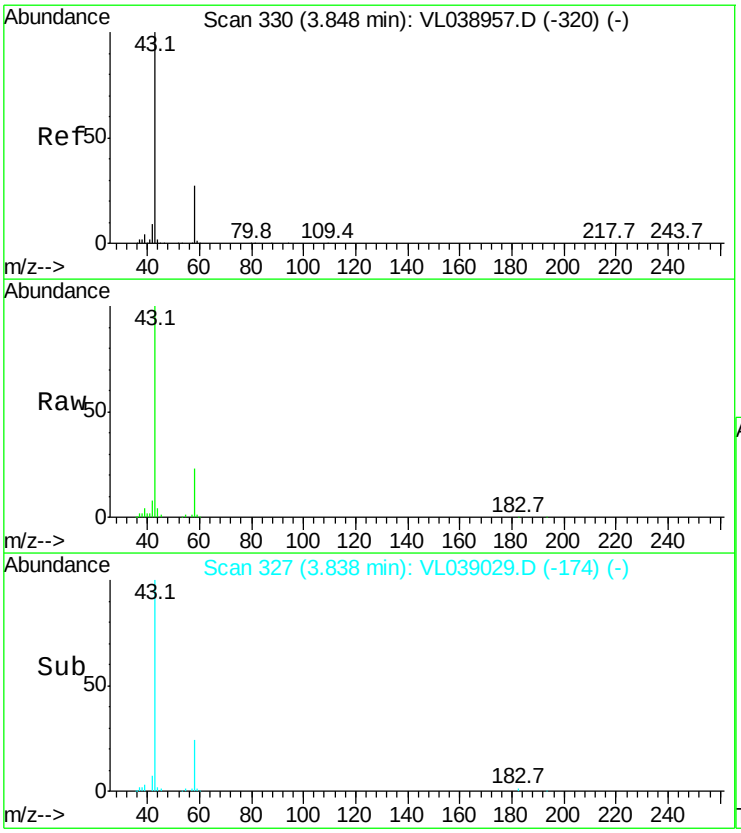
#13
Ethanol
Concen: 4.44 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 45 Resp: 15612

Ion	Ratio	Lower	Upper
45	100		
46	68.5	18.0	72.2

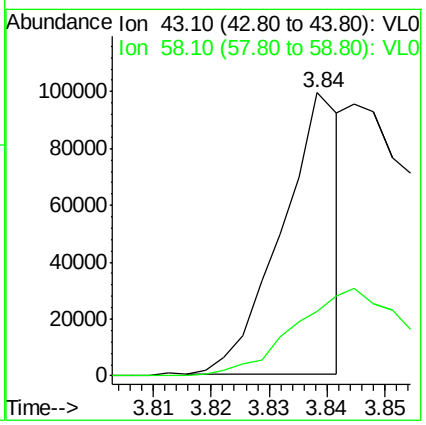


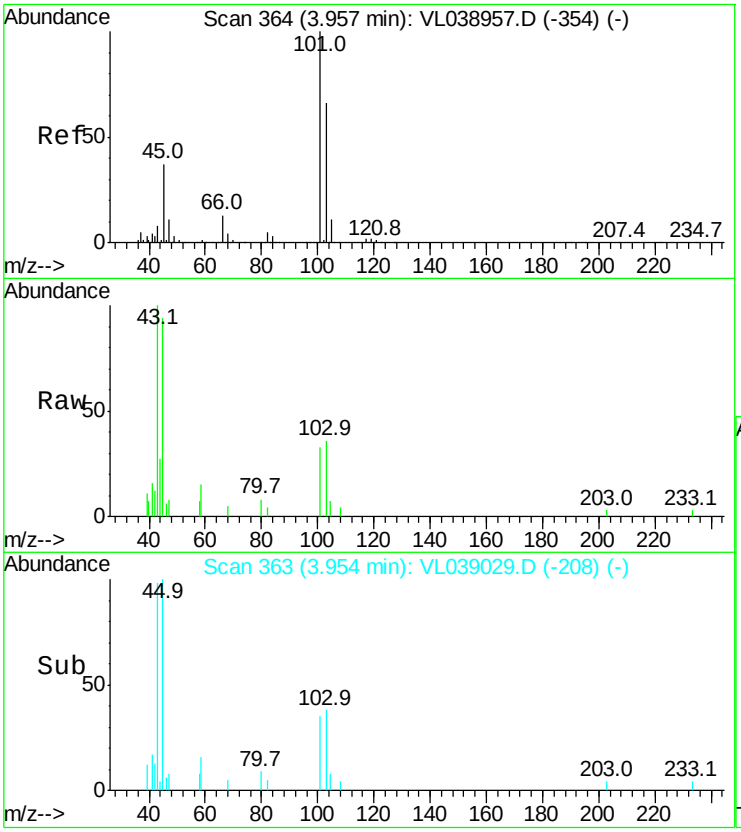


#15
Acetone
Concen: 0.81 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion: 43 Resp: 70315

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.3	31.9#



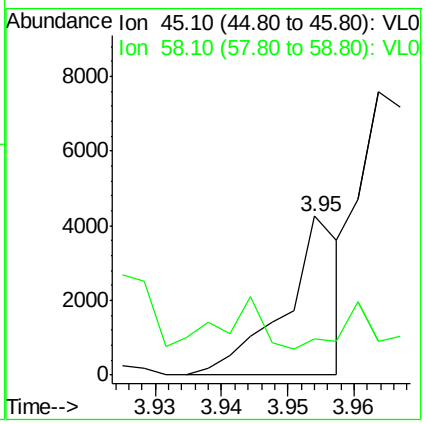


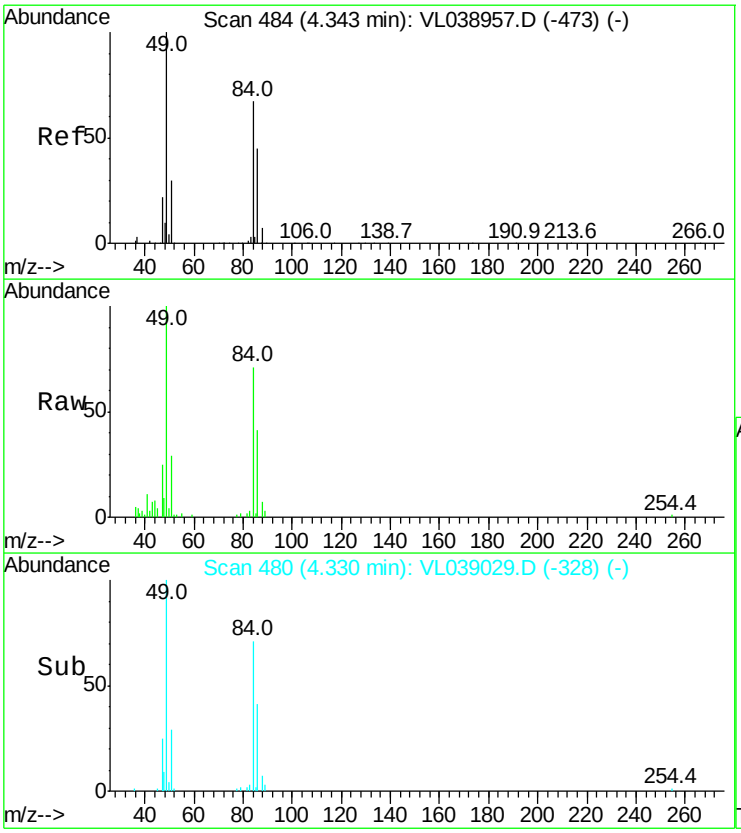
#19
Isopropyl Alcohol
Concen: 0.06 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 45 Resp: 2465

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#

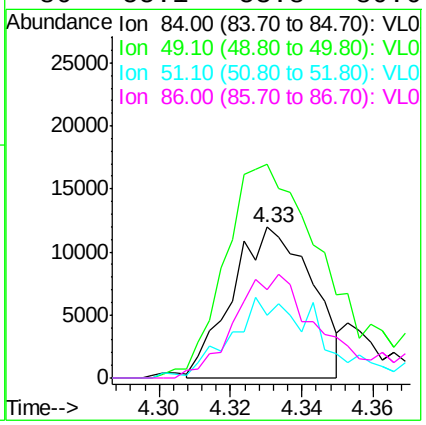


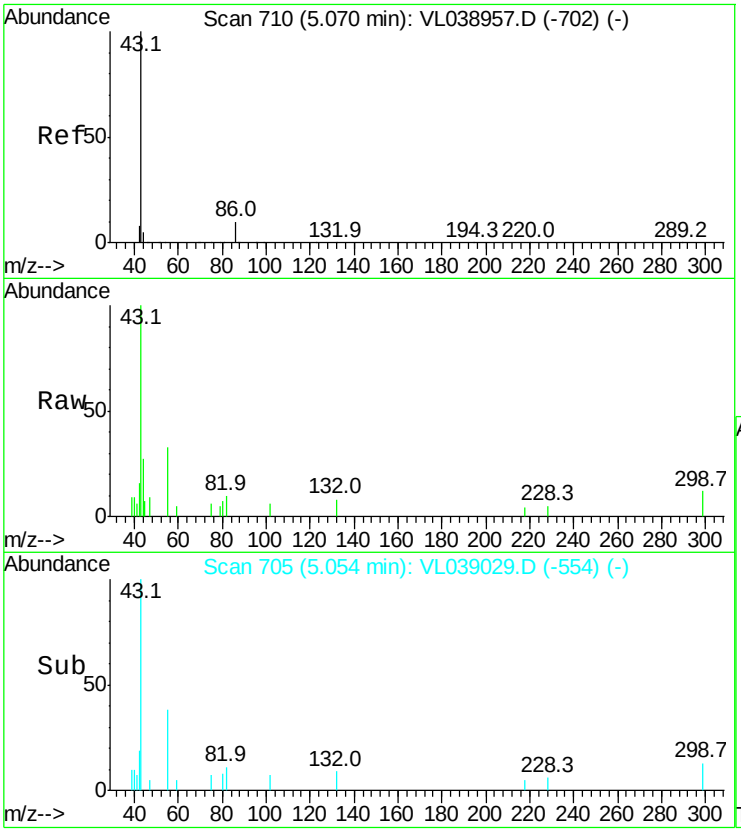


#20
Methylene Chloride
Concen: 0.57 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion: 84 Resp: 18565

Ion	Ratio	Lower	Upper
84	100		
49	139.4	119.9	179.9
51	40.7	35.7	53.5
86	55.1	53.8	80.6



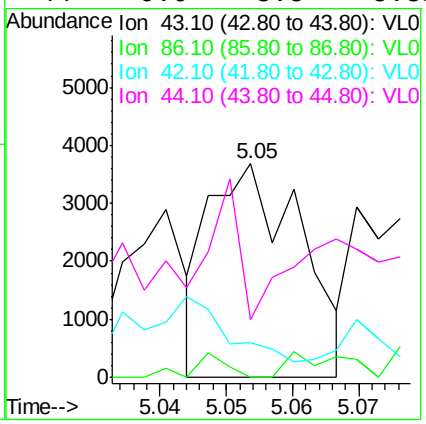


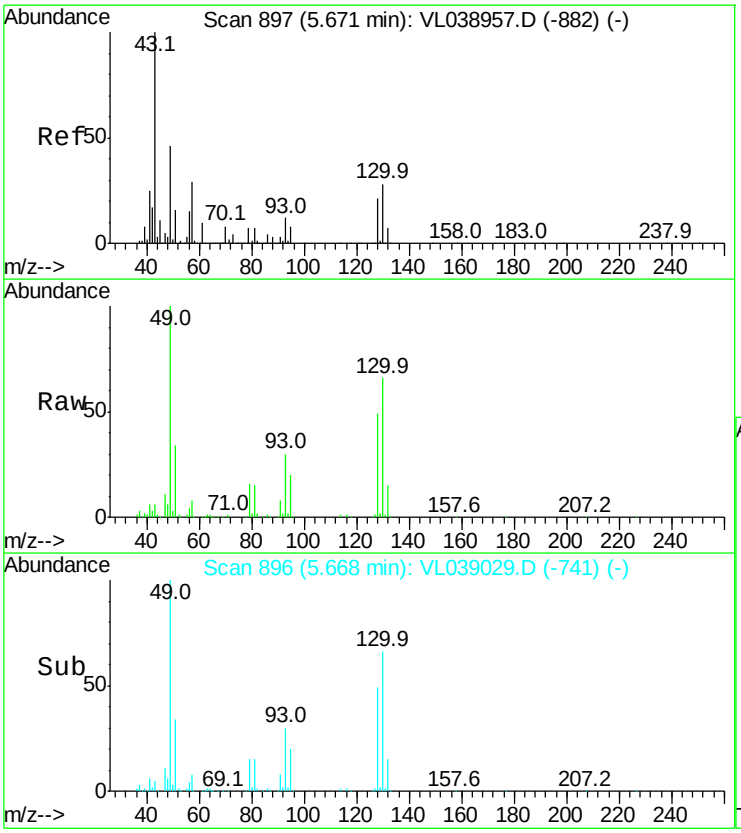
#23
Vinyl Acetate
Concen: 0.05 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 3564

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	9.8#
42	5.1	8.1	12.1#
44	0.0	3.5	5.3#

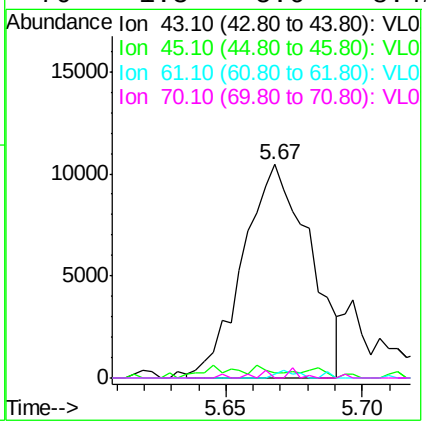


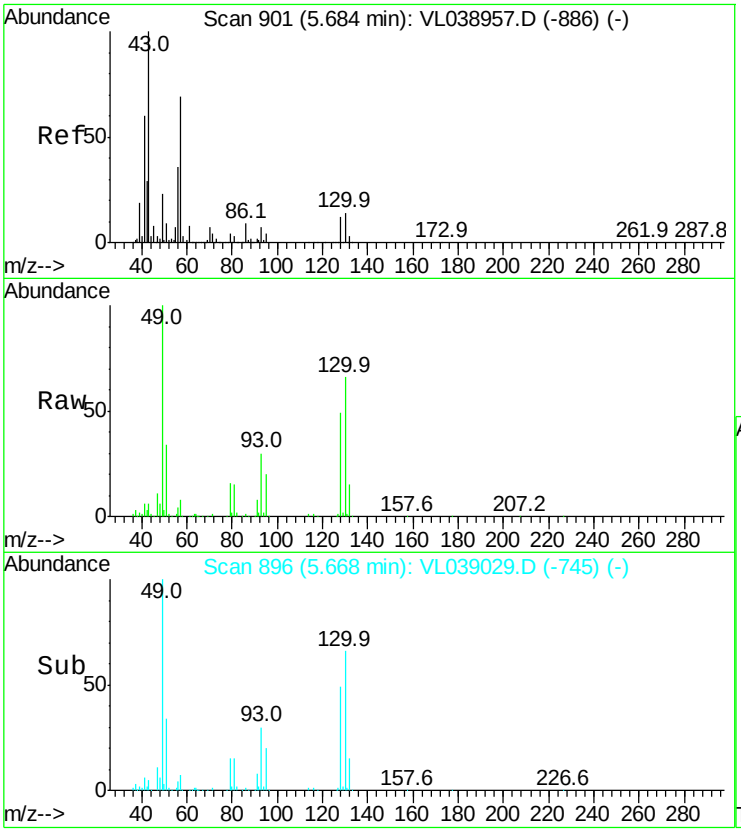


#25
Ethyl Acetate
Concen: 0.09 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion: 43 Resp: 17698

Ion	Ratio	Lower	Upper
43	100		
45	3.3	8.1	12.1#
61	1.4	7.8	11.6#
70	1.3	5.6	8.4#



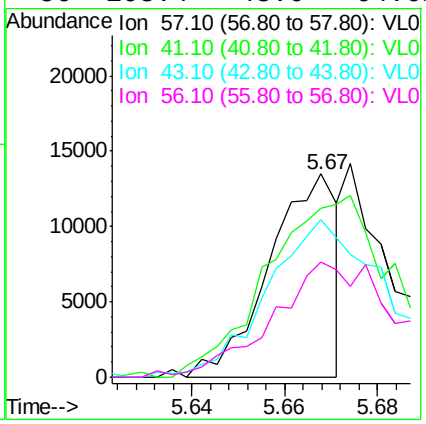


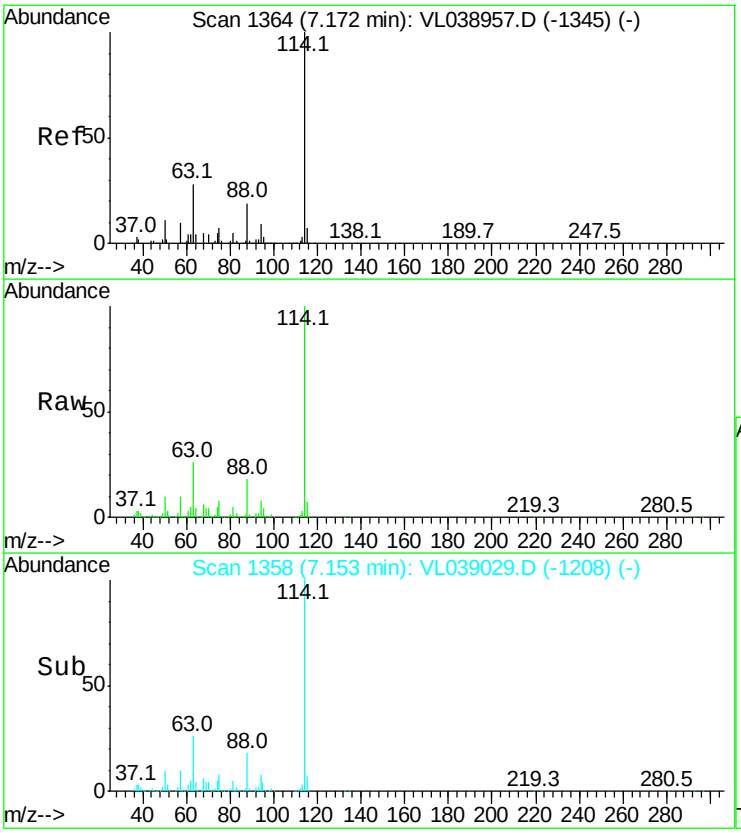
#26
Hexane
Concen: 0.15 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 57 Resp: 13755

Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.2	112.8#
43	168.9	190.8	286.2#
56	108.4	43.0	64.6#

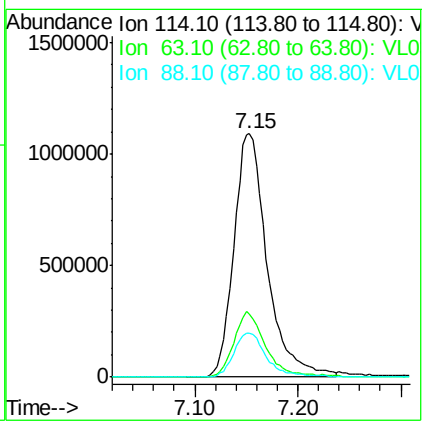


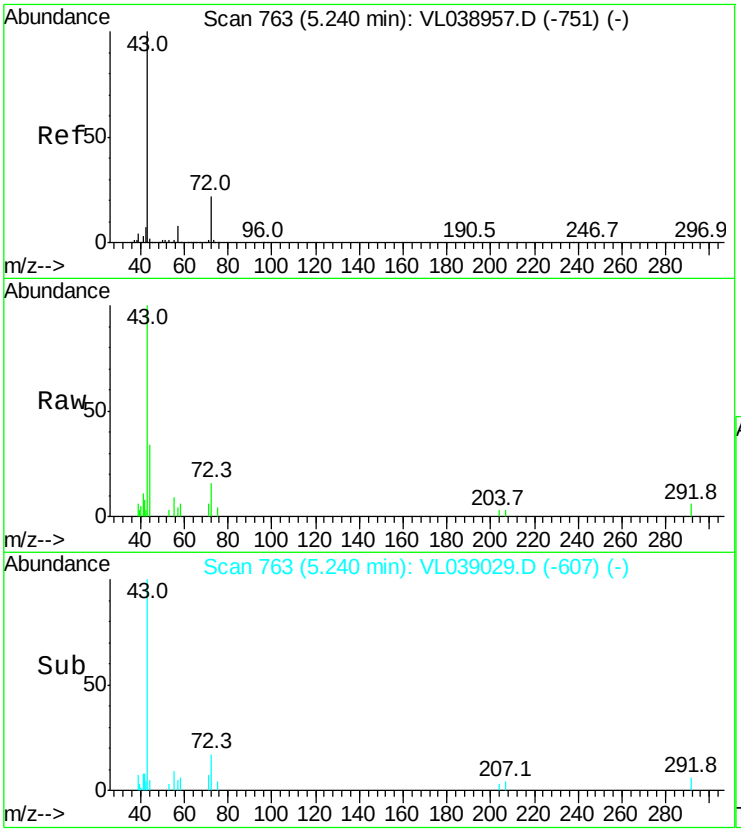


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.02 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion:114 Resp: 2449063

Ion	Ratio	Lower	Upper
114	100		
63	26.0	22.6	33.8
88	18.0	15.4	23.0



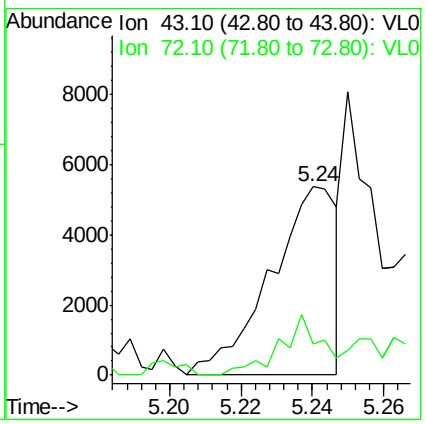


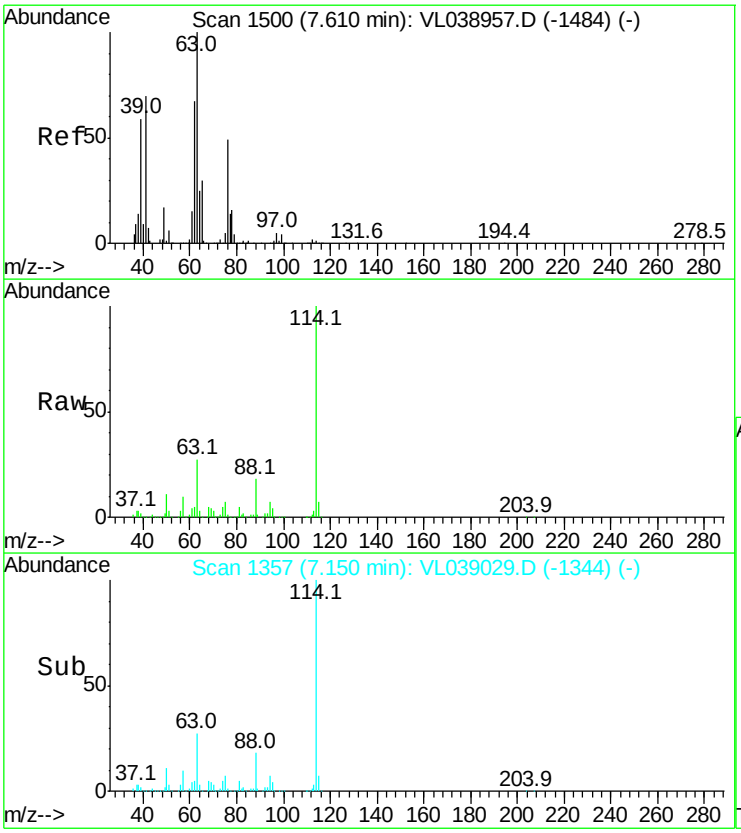
#34
2-Butanone
Concen: 0.06 ppbv
RT: 5.24
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 6899

Ion	Ratio	Lower	Upper
43	100		
72	43.2	17.8	26.6#

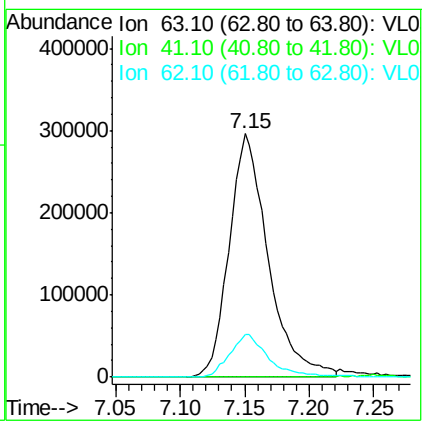


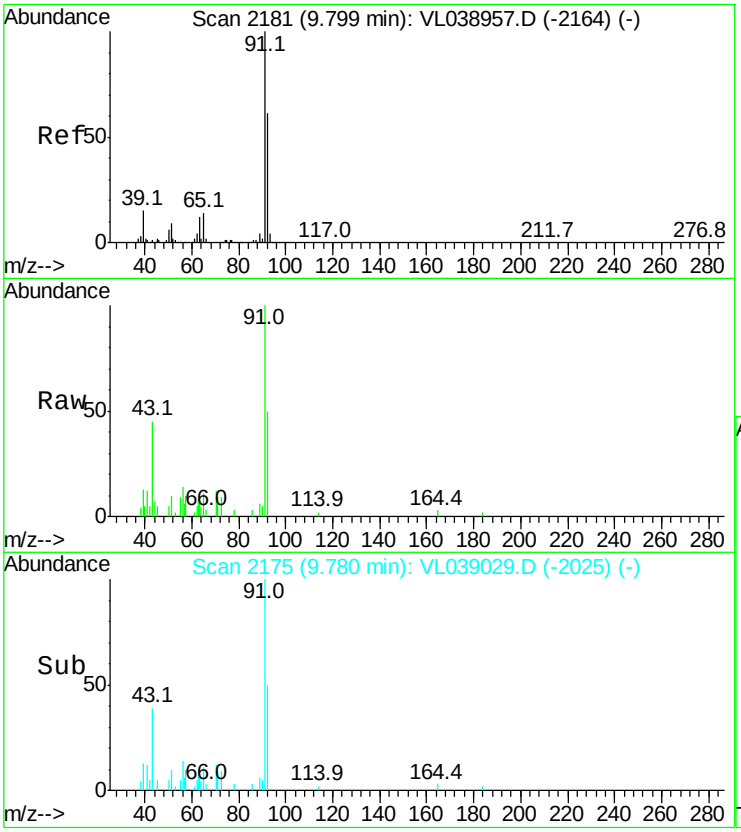


#39
1,2-Dichloropropane
Concen: 7.61 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.46 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion: 63 Resp: 620191

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.9	83.9#
62	17.6	53.8	80.6#



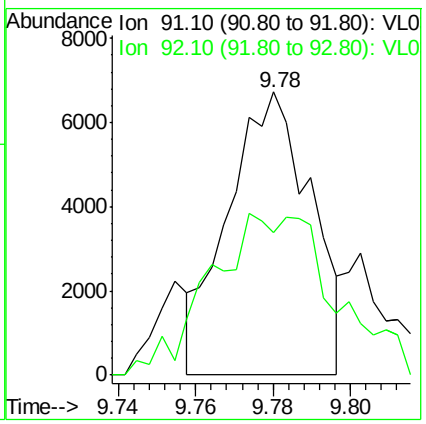


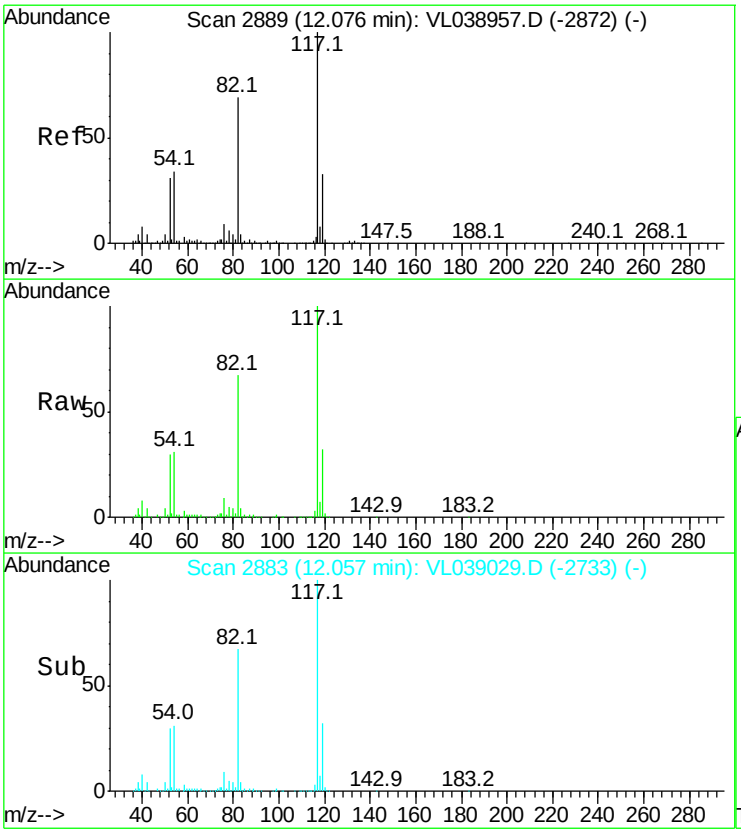
#53
Toluene
Concen: 0.04 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 91 Resp: 10015

Ion	Ratio	Lower	Upper
91	100		
92	90.4	48.2	72.2#

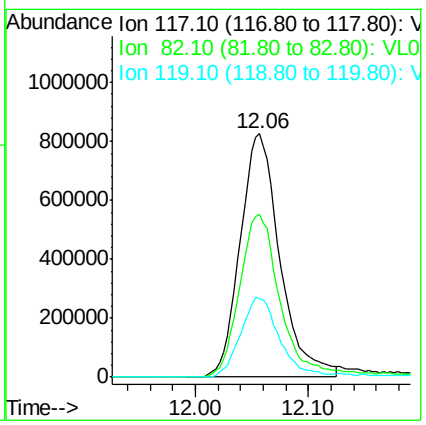


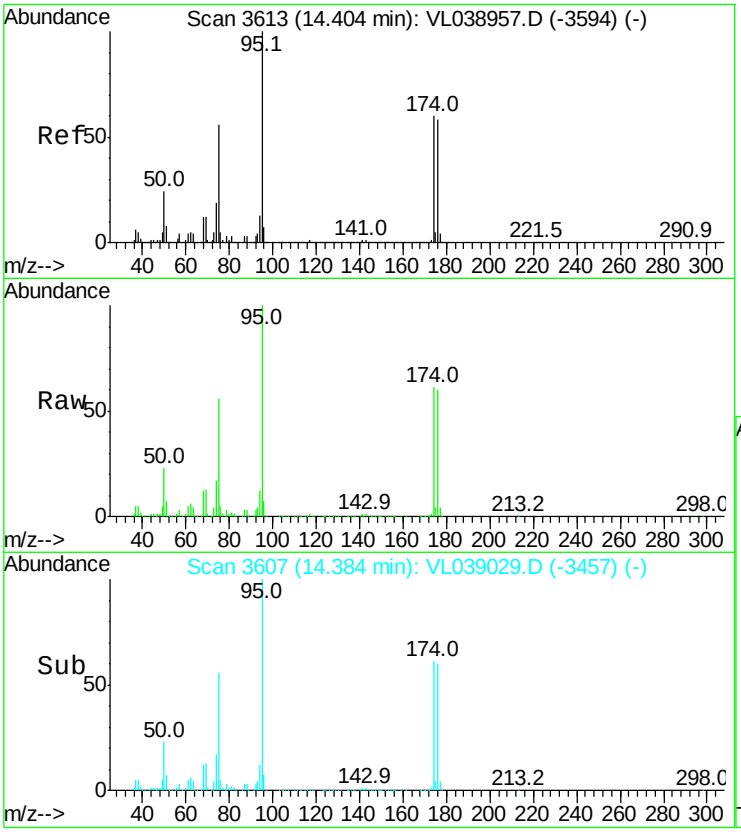


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL039029.D
Acq: 11 May 2022 21:05

Tgt Ion:117 Resp: 2018059

Ion	Ratio	Lower	Upper
117	100		
82	71.6	57.0	85.6
119	34.0	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.58 ppbv
RT: 14.38
Delta R.T
Lab File:
Acq: 11 May 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 95 Resp: 1531534

Ion	Ratio	Lower	Upper
95	100		
174	67.9	50.8	76.2
175	4.7	3.8	5.6