Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039123.D
Acq On : 25 May 2022 18:39
Operator : SY/AP
Sample : N2991-02DL 200X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Quant Time: May 26 07:58:22 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	5.64	49	914104	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.14	114	2079026	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.05	117	1768835	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.37	95	1534523	10.95	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.50%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.91	51	2425841	21.386	ppbv	#	57
4) Chloromethane	2.91	50	653269	11.500	ppbv	#	48
9) Propene	3.00	41	3942	0.080	ppbv	#	13
13) Ethanol	3.60	45	14056	4.010	ppbv	#	49
15) Acetone	3.83	43	1087605	12.613	ppbv		97
19) Isopropyl Alcohol	3.95	45	3206	0.078	ppbv	#	95
20) Methylene Chloride	4.32	84	98713	3.037	ppbv		96
25) Ethyl Acetate	5.65	43	45783	0.222	ppbv	#	76
26) Hexane	5.66	57	127789	1.394	ppbv	#	37
34) 2-Butanone	5.23	43	5145	0.049	ppbv	#	54
39) 1,2-Dichloropropane	7.14	63	605103	8.741	ppbv	#	27
41) Tetrahydrofuran	5.70	42	2168	0.030	ppbv	#	39
53) Toluene	9.77	91	20829	0.104	ppbv	#	21

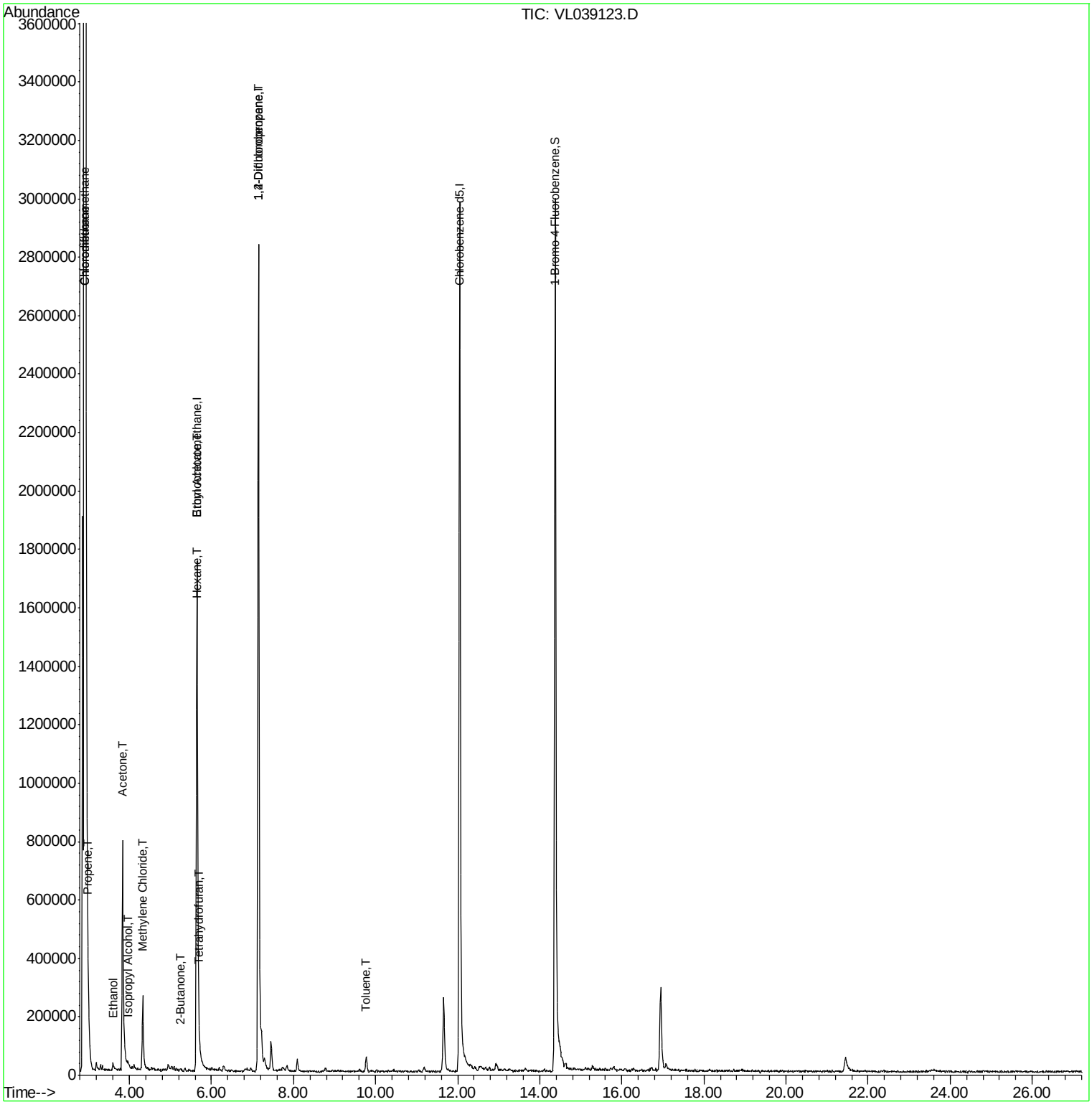
(#) = qualifier out of range (m) = manual integration (+) = signals summed

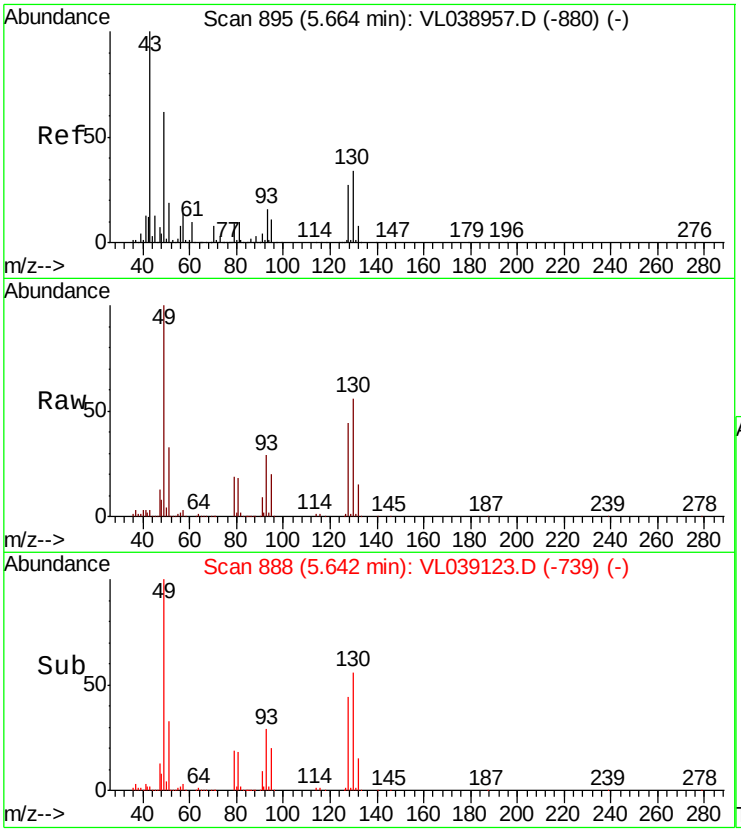
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039123.D
Acq On : 25 May 2022 18:39
Operator : SY/AP
Sample : N2991-02DL 200X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Quant Time: May 26 07:58:22 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



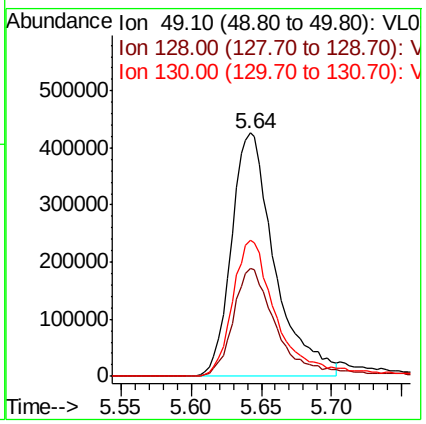


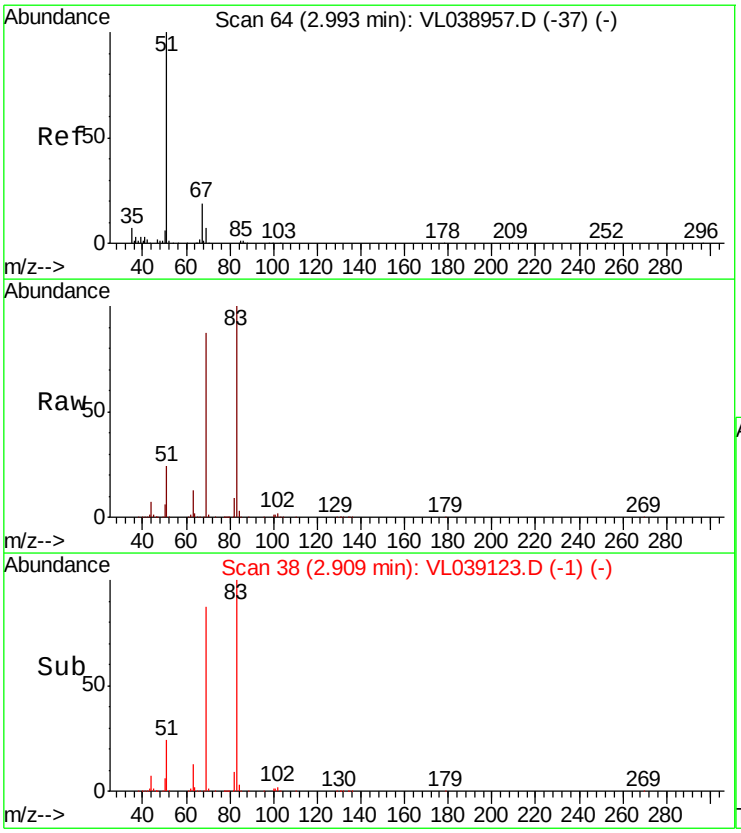
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 49 Resp: 914104

Ion	Ratio	Lower	Upper
49	100		
128	46.8	23.3	69.8
130	60.2	29.8	89.3

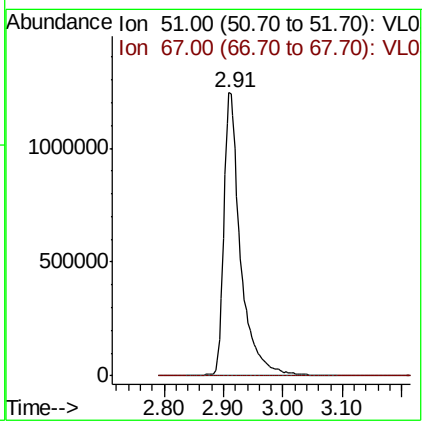


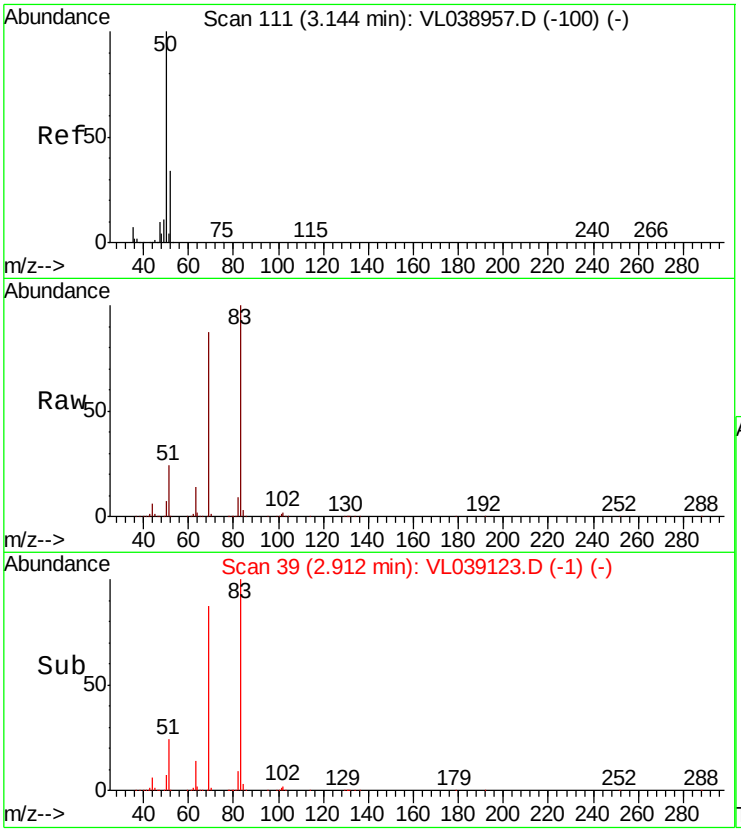


#3
Chlorodifluoromethane
Concen: 21.386 ppbv
RT: 2.91 min Scan# 38
Delta R.T. -0.08 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Tgt Ion: 51 Resp: 2425841

Ion	Ratio	Lower	Upper
51	100		
67	0.1	15.8	23.8#



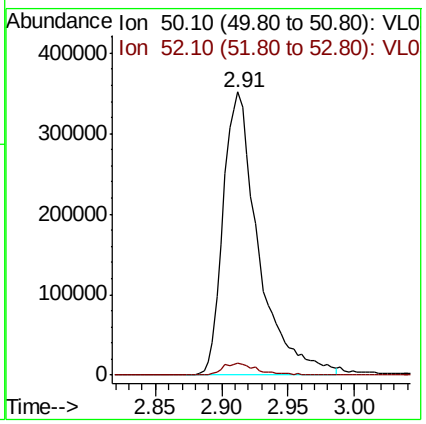


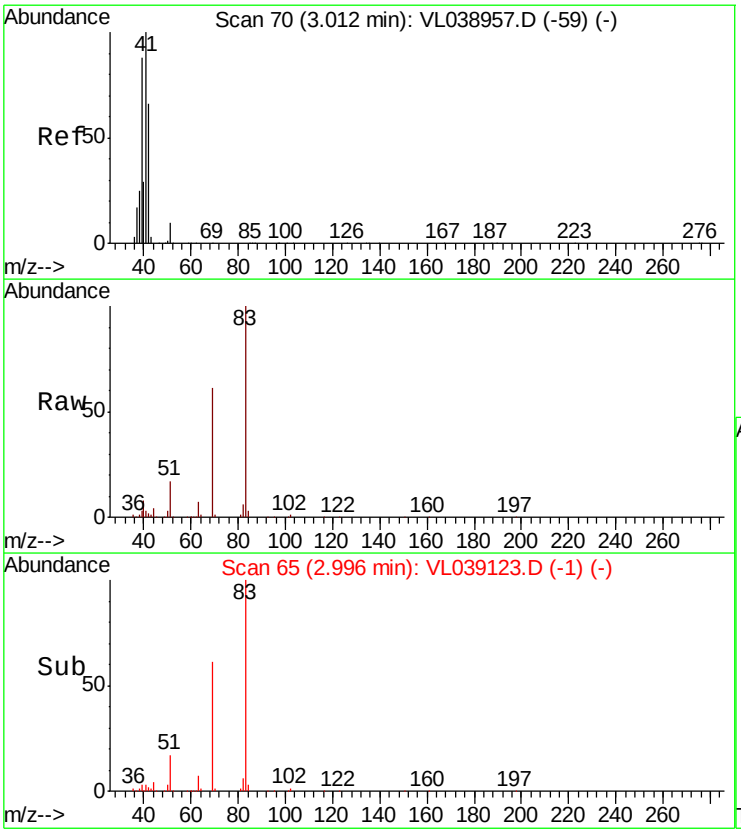
#4
Chloromethane
Concen: 11.500 ppbv
RT: 2.91
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 50 Resp: 653269

Ion	Ratio	Lower	Upper
50	100		
52	4.2	27.3	40.9#

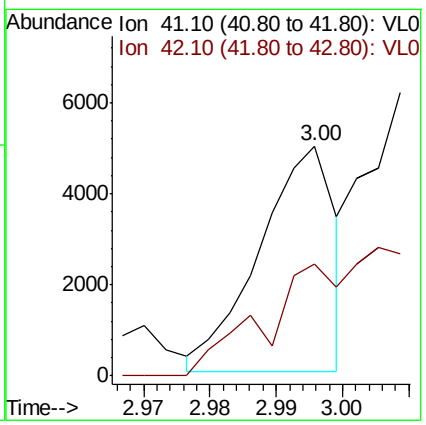


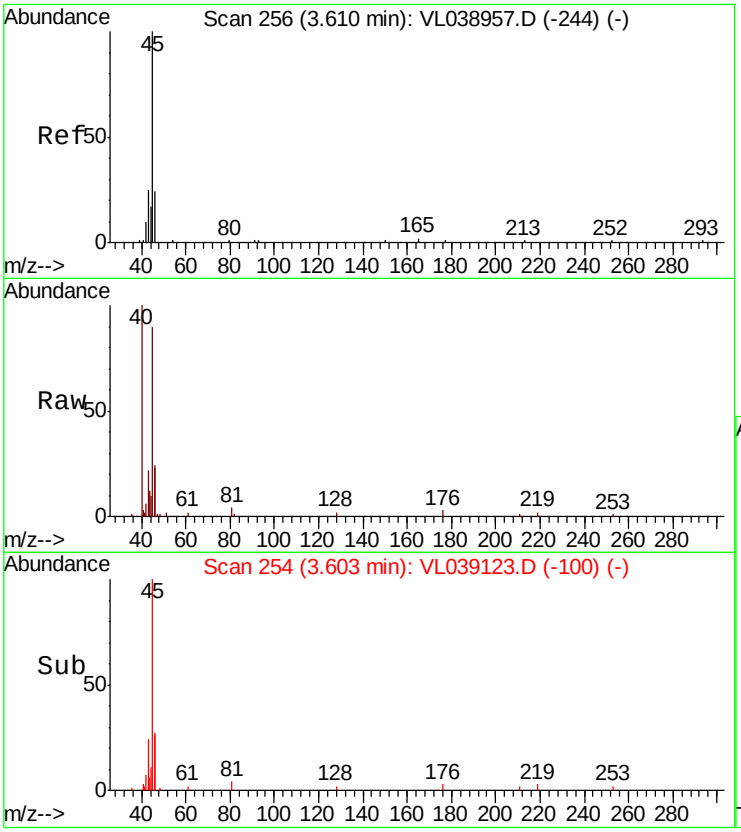


#9
Propene
Concen: 0.080 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.02 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Tgt Ion: 41 Resp: 3942

Ion	Ratio	Lower	Upper
41	100		
42	0.0	58.3	87.5#



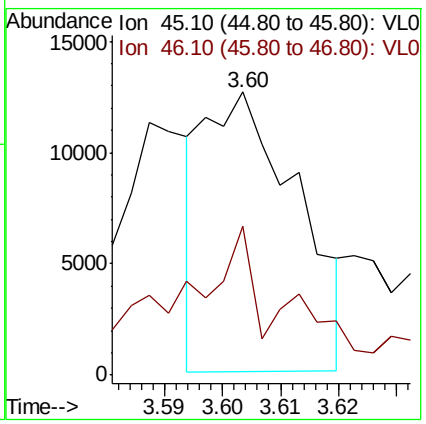


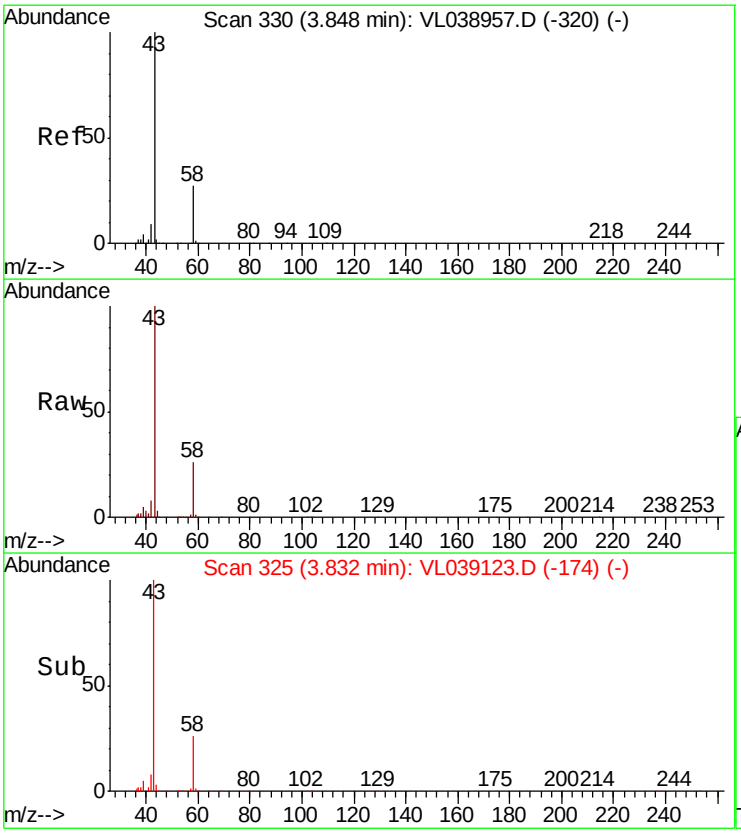
#13
Ethanol
Concen: 4.010 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 45 Resp: 14056

Ion	Ratio	Lower	Upper
45	100		
46	78.2	18.0	72.2#

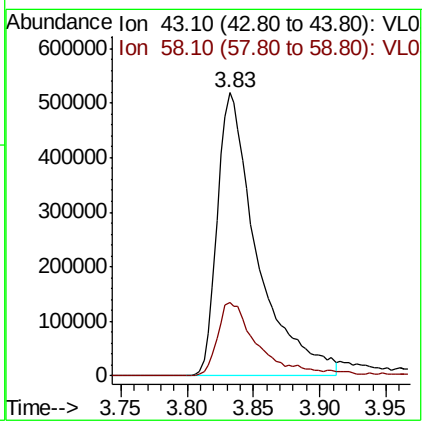


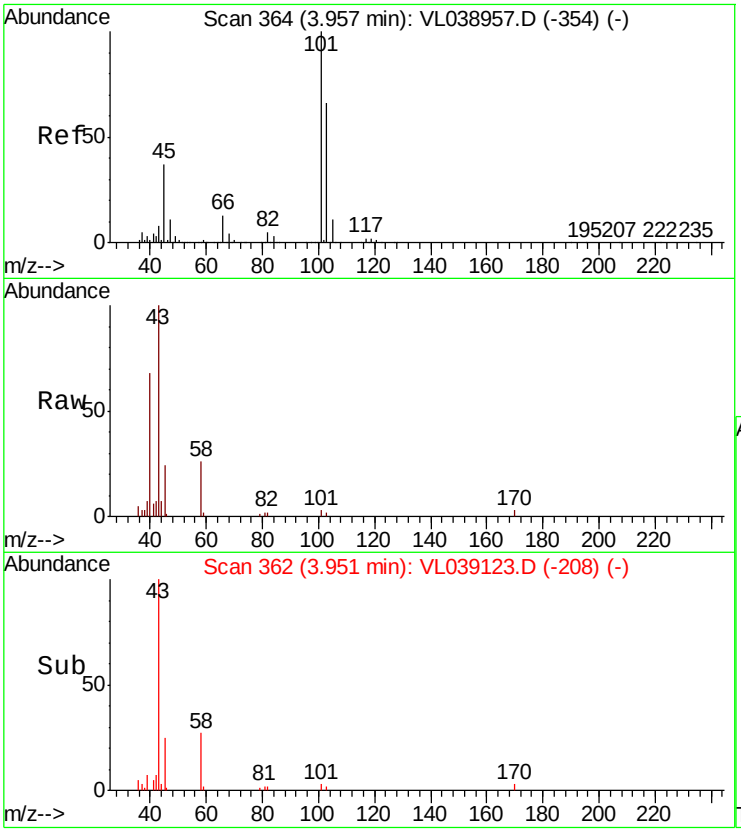


#15
Acetone
Concen: 12.613 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.02 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Tgt Ion: 43 Resp: 1087605

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.3	31.9



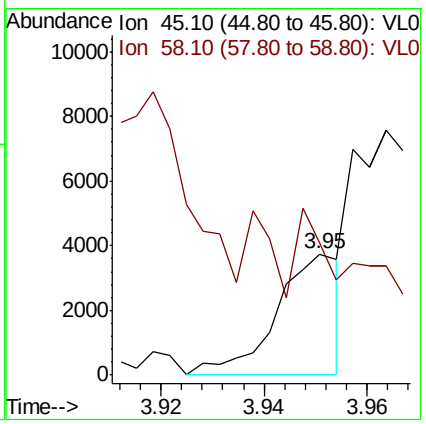


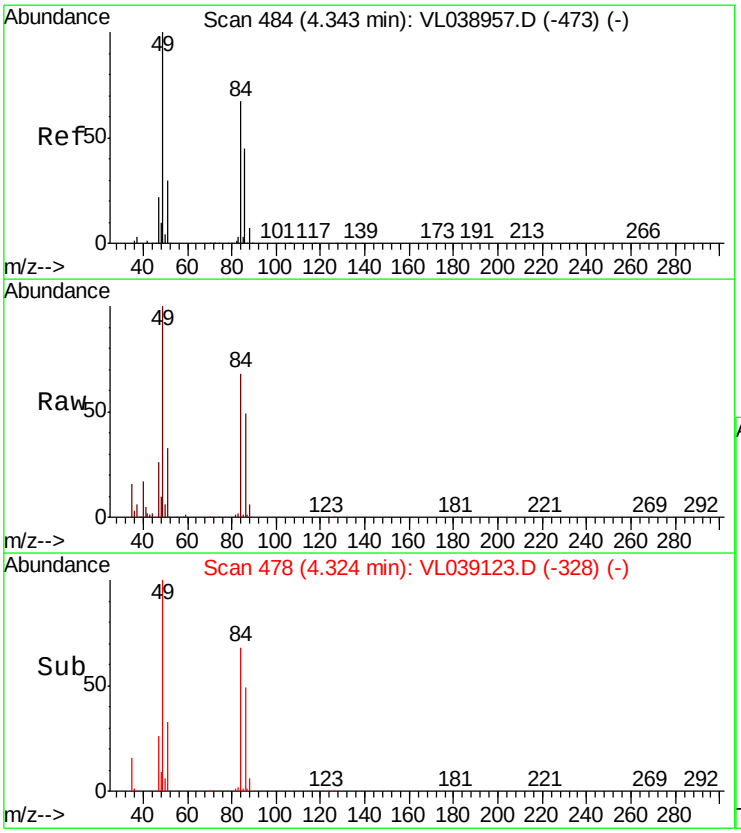
#19
Isopropyl Alcohol
Concen: 0.078 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 45 Resp: 3206

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#

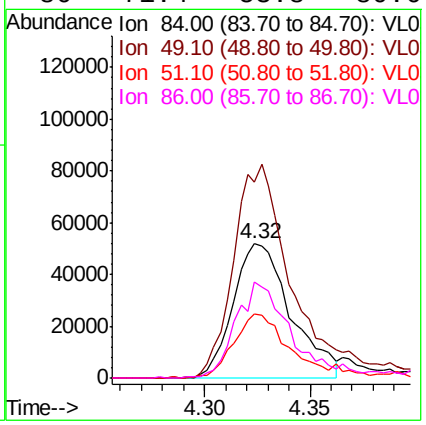


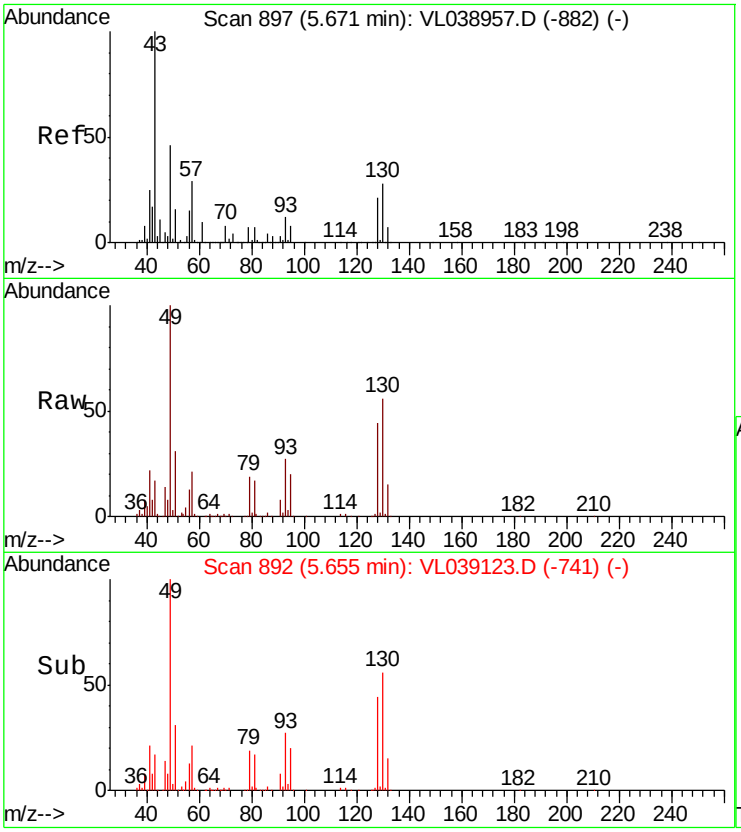


#20
Methylene Chloride
Concen: 3.037 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Tgt Ion: 84 Resp: 98713

Ion	Ratio	Lower	Upper
84	100		
49	145.7	119.9	179.9
51	48.0	35.7	53.5
86	71.4	53.8	80.6



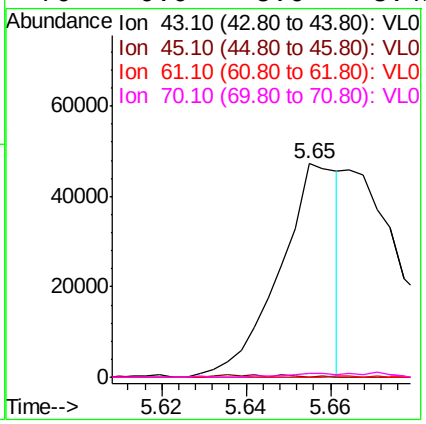


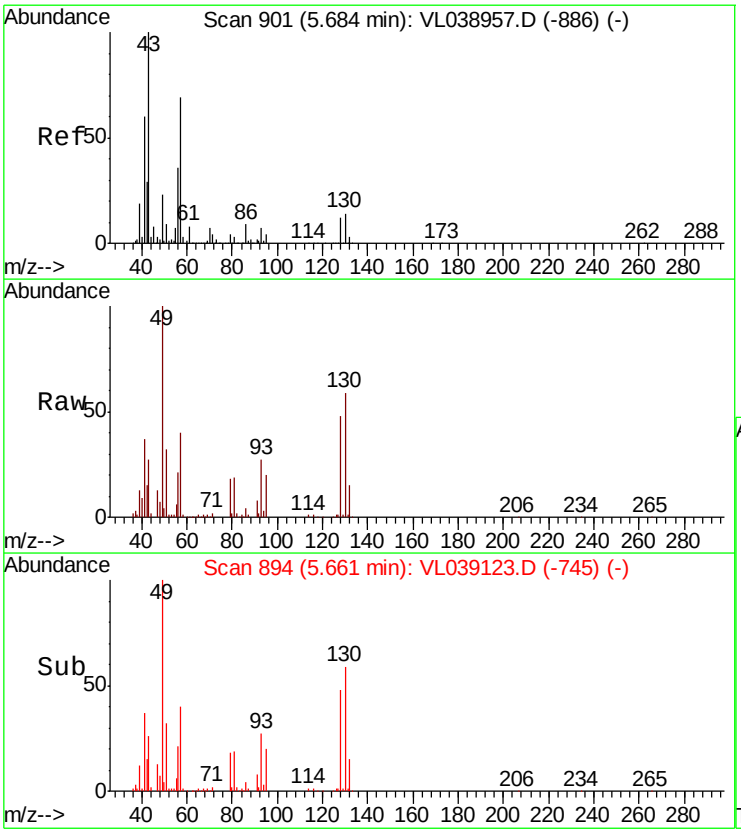
#25
Ethyl Acetate
Concen: 0.222 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 43 Resp: 45783

Ion	Ratio	Lower	Upper
43	100		
45	1.1	8.1	12.1#
61	0.0	7.8	11.6#
70	0.0	5.6	8.4#

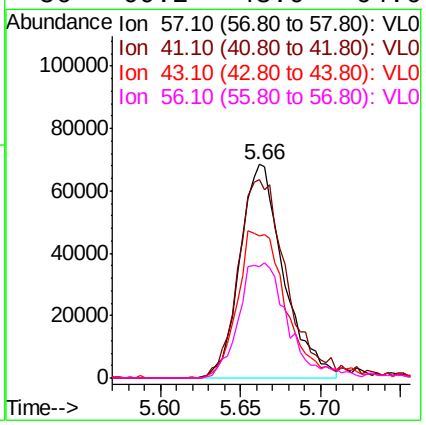


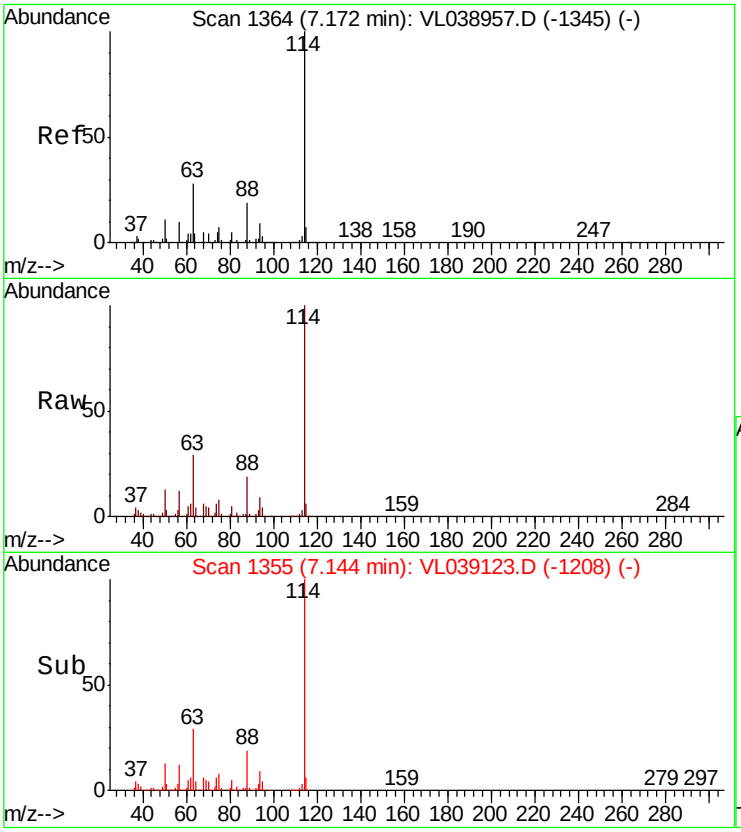


#26
Hexane
Concen: 1.394 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Tgt Ion: 57 Resp: 127789

Ion	Ratio	Lower	Upper
57	100		
41	105.9	75.2	112.8
43	77.2	190.8	286.2#
56	60.2	43.0	64.6



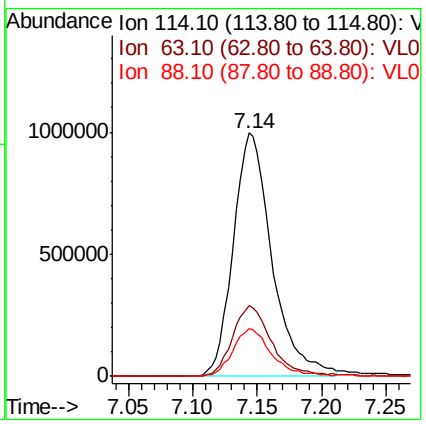


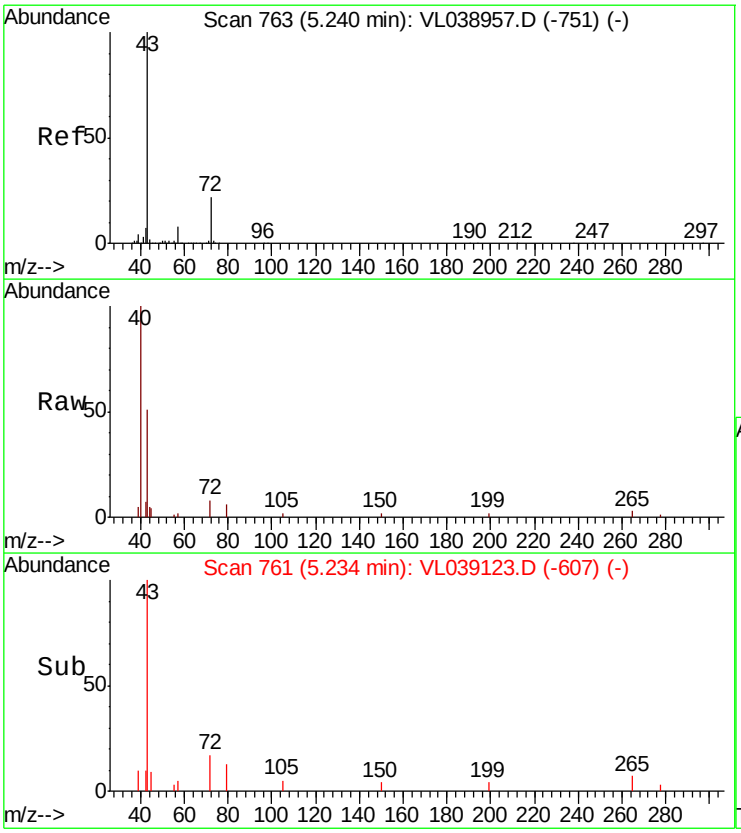
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion:114 Resp: 2079026

Ion	Ratio	Lower	Upper
114	100		
63	30.1	22.6	33.8
88	20.0	15.4	23.0

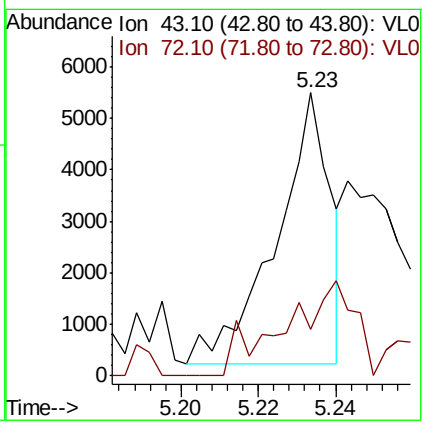


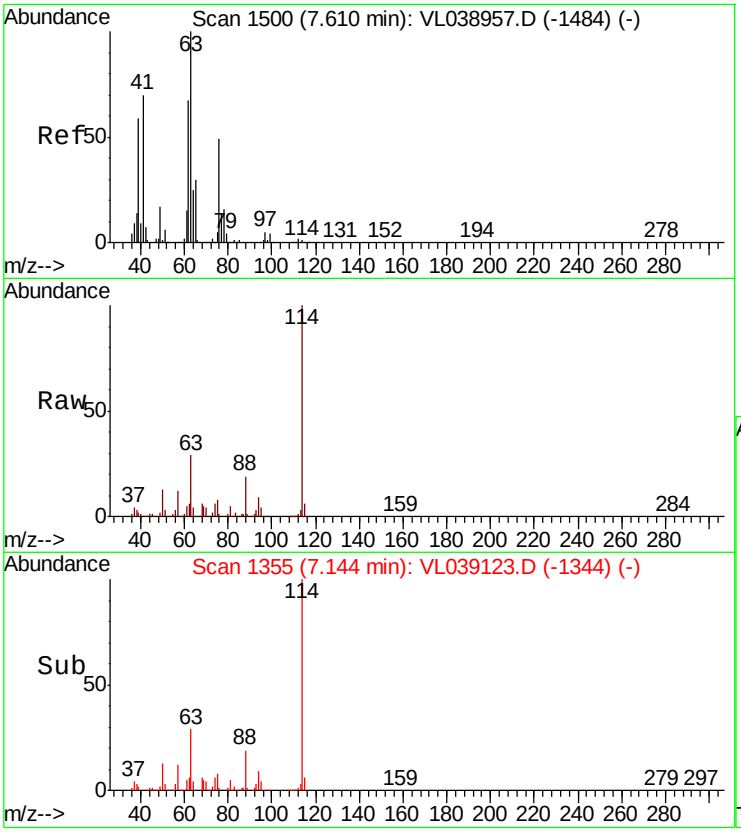


#34
2-Butanone
Concen: 0.049 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.01 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Tgt Ion: 43 Resp: 5145

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.6#



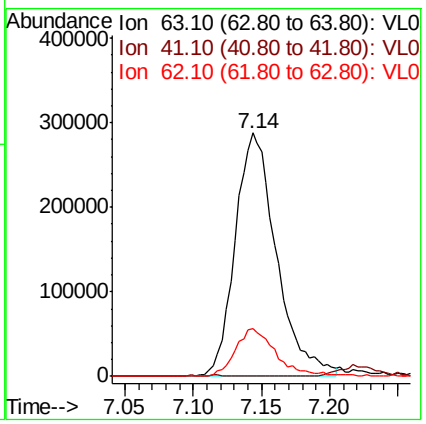


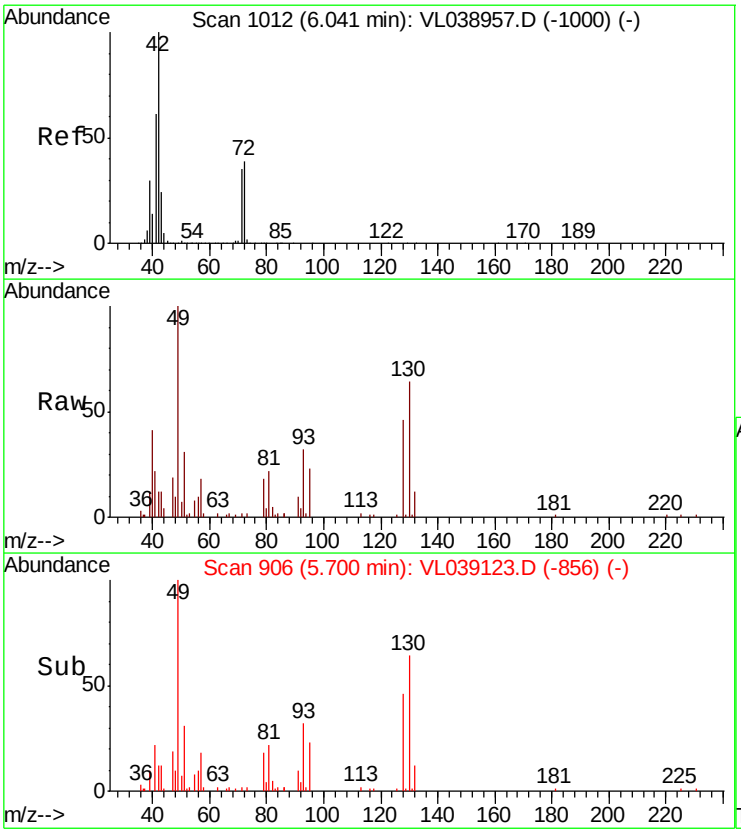
#39
1,2-Dichloropropane
Concen: 8.741 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 63 Resp: 605103

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	19.6	53.8	80.6#

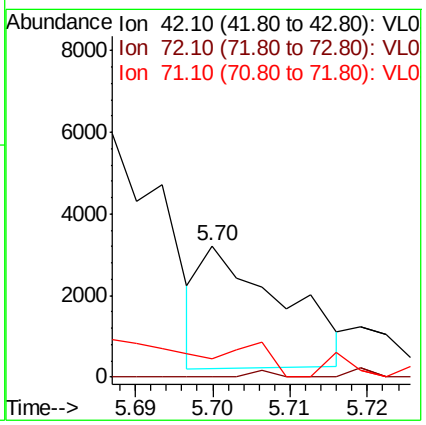


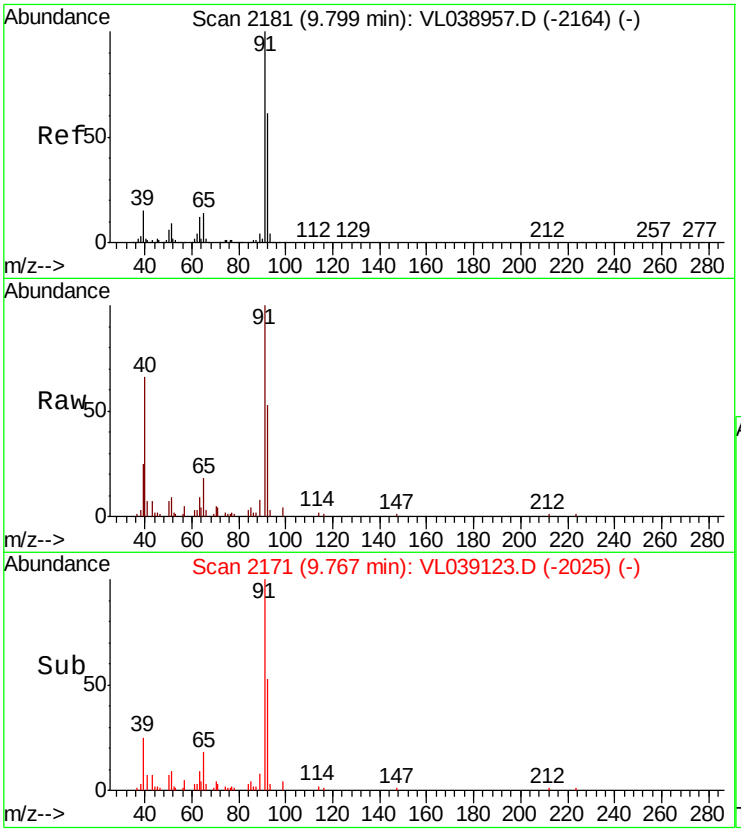


#41
Tetrahydrofuran
Concen: 0.030 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.34 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Tgt Ion: 42 Resp: 2168

Ion	Ratio	Lower	Upper
42	100		
72	2.9	31.8	47.6#
71	0.0	30.6	45.8#



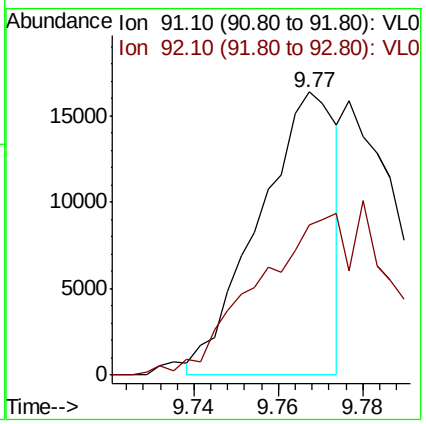


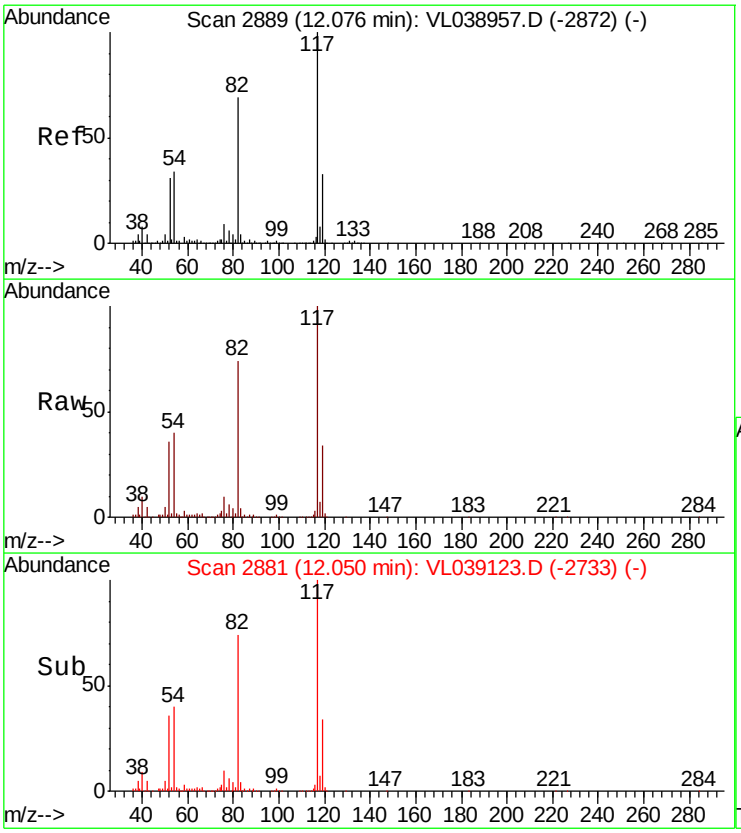
#53
Toluene
Concen: 0.104 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 91 Resp: 20829

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.2	72.2#

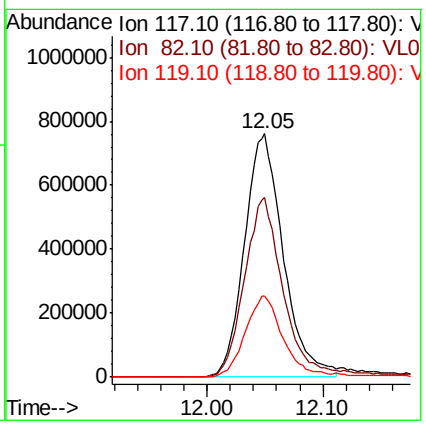


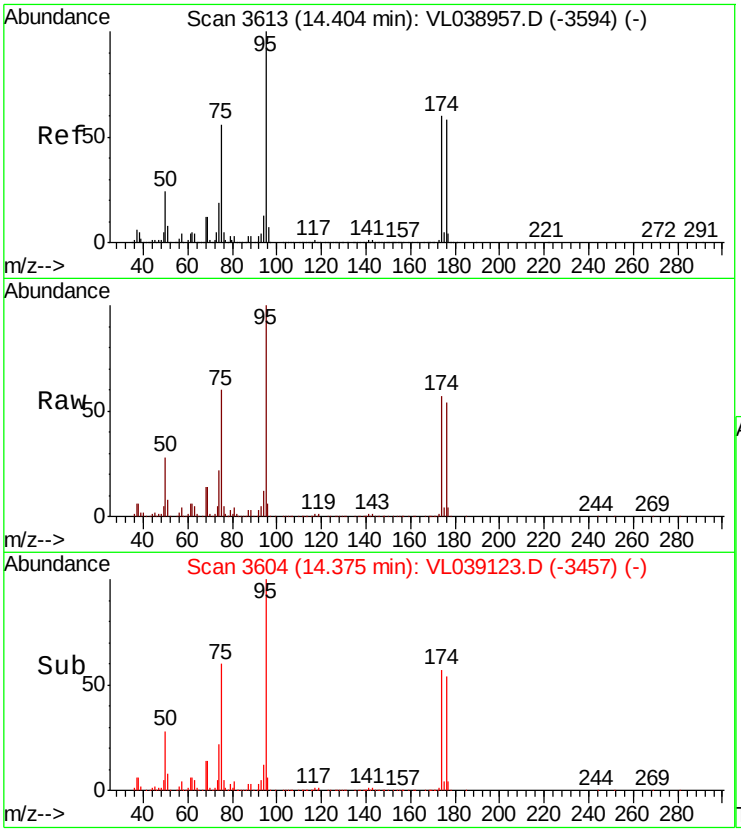


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.03 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Tgt Ion:117 Resp: 1768835

Ion	Ratio	Lower	Upper
117	100		
82	75.8	57.0	85.6
119	34.1	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.954 ppbv
RT: 14.37
Delta R.T
Lab File:
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 95 Resp: 1534523

Ion	Ratio	Lower	Upper
95	100		
174	56.6	50.8	76.2
175	4.2	3.8	5.6