Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021422\
Data File : VL038353.D
Acq On : 14 Feb 2022 23:21
Operator : SY/AP
Sample : N1490-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Feb 15 00:41:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	735752	10.00	ppbv		-0.04
33) 1,4-Difluorobenzene	7.14	114	2278801	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.05	117	2050764	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.37	95	1669048	10.72	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	10549	0.07	ppbv		92
3) Chlorodifluoromethane	2.98	51	657483	4.49	ppbv		100
9) Propene	3.01	41	31716	0.67	ppbv	#	81
10) Heptane	8.09	43	14411	0.12	ppbv	#	83
13) Ethanol	3.60	45	5680	1.11	ppbv	#	19
15) Acetone	3.84	43	20973	0.32	ppbv	#	48
16) 1,3-Butadiene	3.34	39	124233	2.67	ppbv	#	15
20) Methylene Chloride	4.32	84	13907	0.37	ppbv		92
23) Vinyl Acetate	5.05	43	162274	1.72	ppbv	#	95
25) Ethyl Acetate	5.66	43	111752	0.62	ppbv	#	81
26) Hexane	5.66	57	138322	1.64	ppbv	#	27
34) 2-Butanone	5.24	43	8580	0.12	ppbv	#	40
38) Trichloroethene	7.81	130	37023	0.49	ppbv		90
39) 1,2-Dichloropropane	7.14	63	615420	7.53	ppbv	#	25
41) Tetrahydrofuran	5.69	42	4554	0.09	ppbv	#	38
52) Tetrachloroethene	11.20	164	7604097	109.46	ppbv		90
53) Toluene	9.77	91	8309	0.04	ppbv		93
60) o-Xylene	13.65	91	8169	0.03	ppbv		86

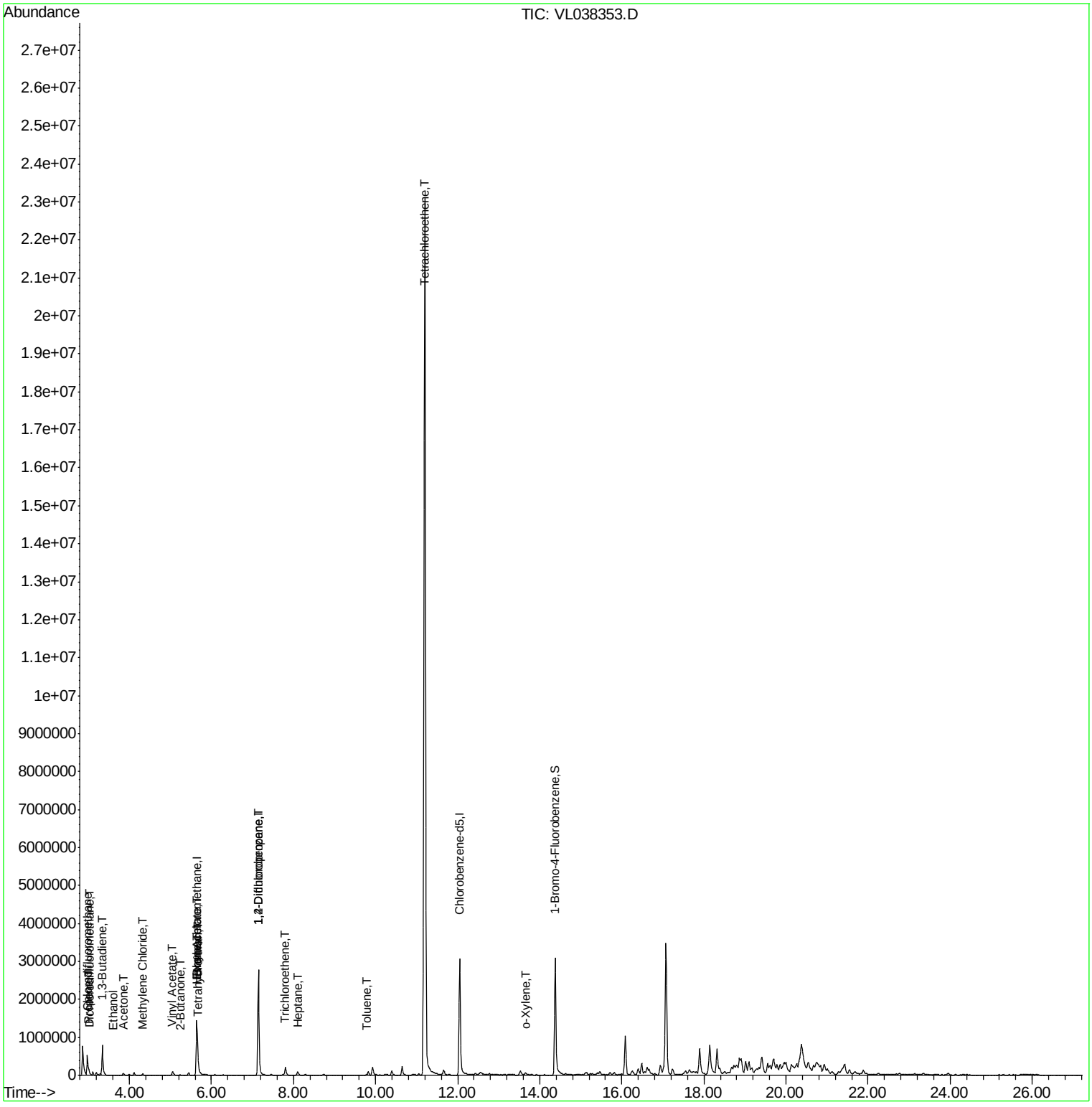
(#) = qualifier out of range (m) = manual integration (+) = signals summed

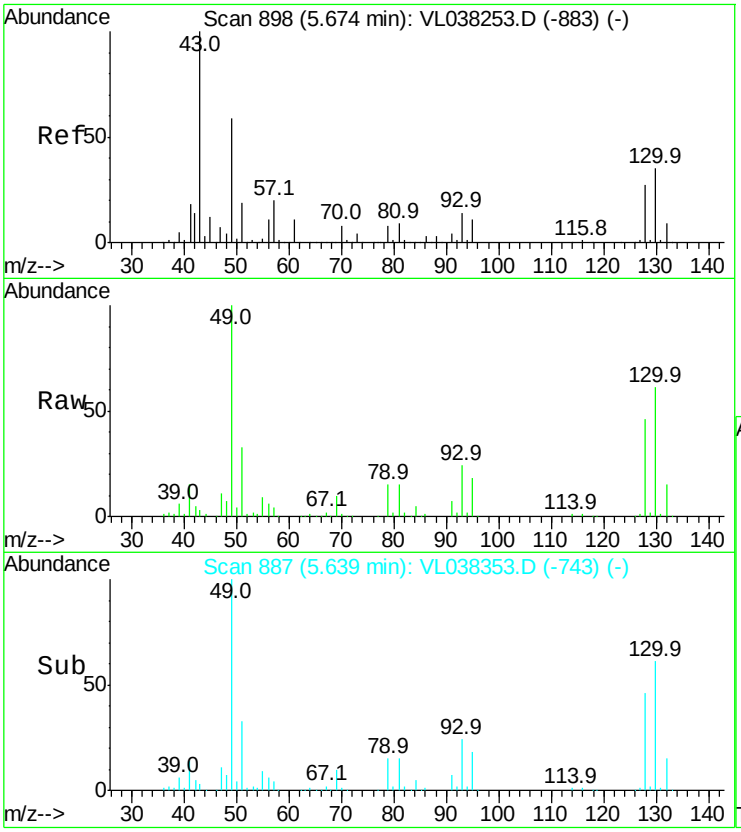
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021422\
Data File : VL038353.D
Acq On : 14 Feb 2022 23:21
Operator : SY/AP
Sample : N1490-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Feb 15 00:41:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration



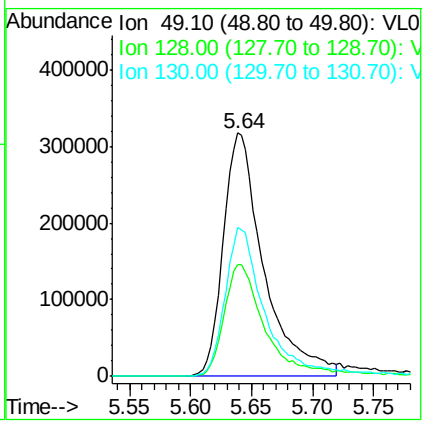


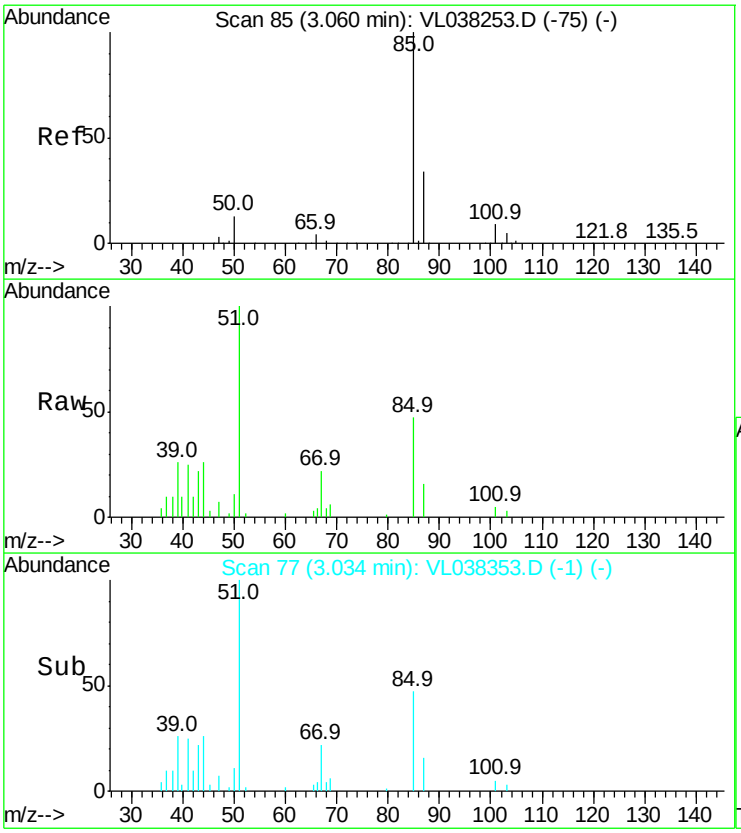
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 49 Resp: 735752

Ion	Ratio	Lower	Upper
49	100		
128	49.0	24.5	73.5
130	62.2	30.1	90.5

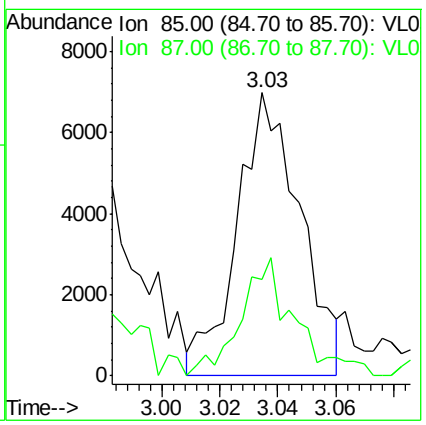


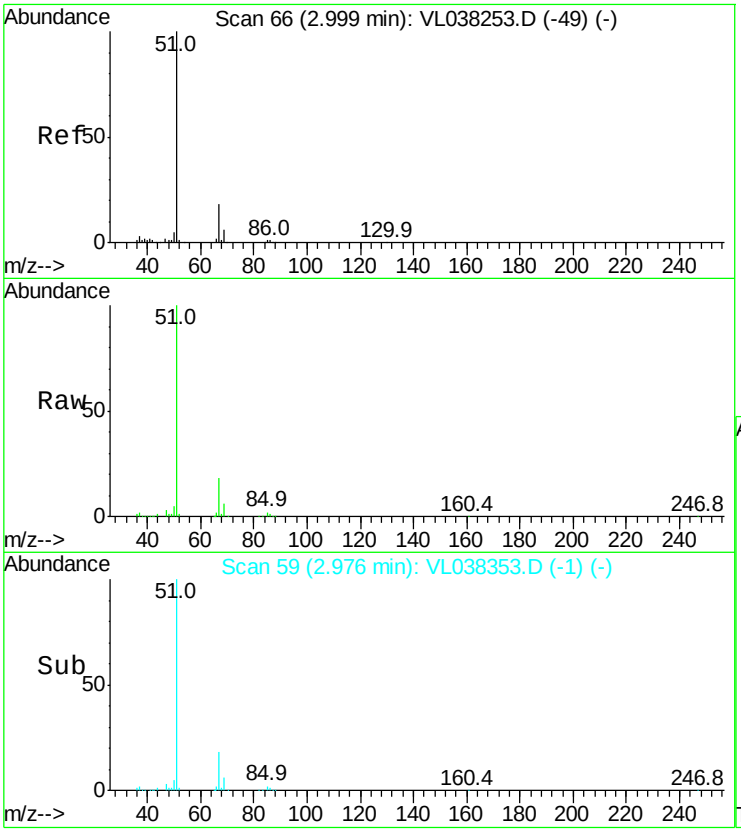


#2
Dichlorodifluoromethane
Concen: 0.07 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.03 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 85 Resp: 10549

Ion	Ratio	Lower	Upper
85	100		
87	38.2	27.0	40.6



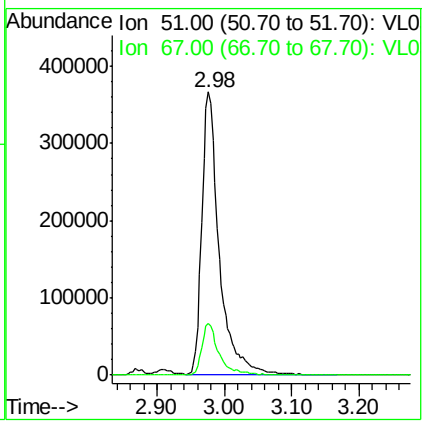


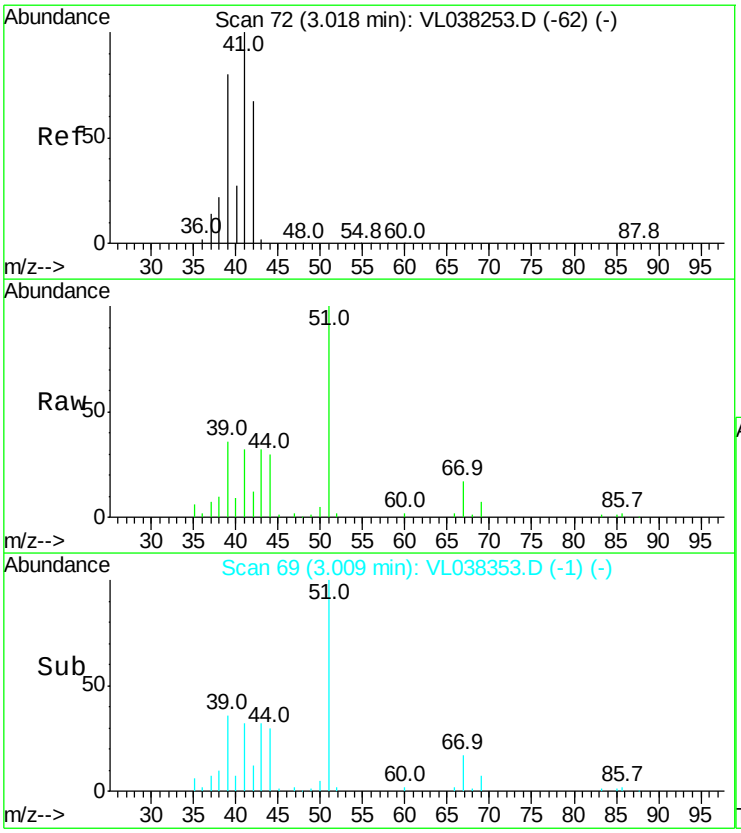
#3
Chlorodifluoromethane
Concen: 4.49 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 51 Resp: 657483

Ion	Ratio	Lower	Upper
51	100		
67	18.0	14.4	21.6

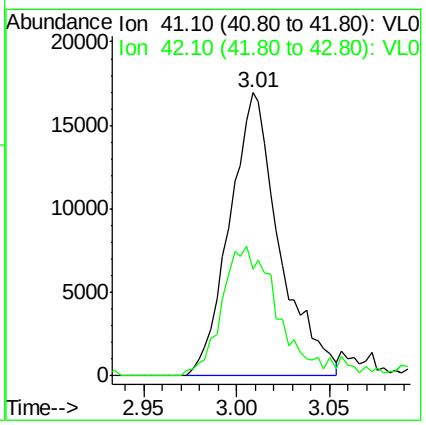


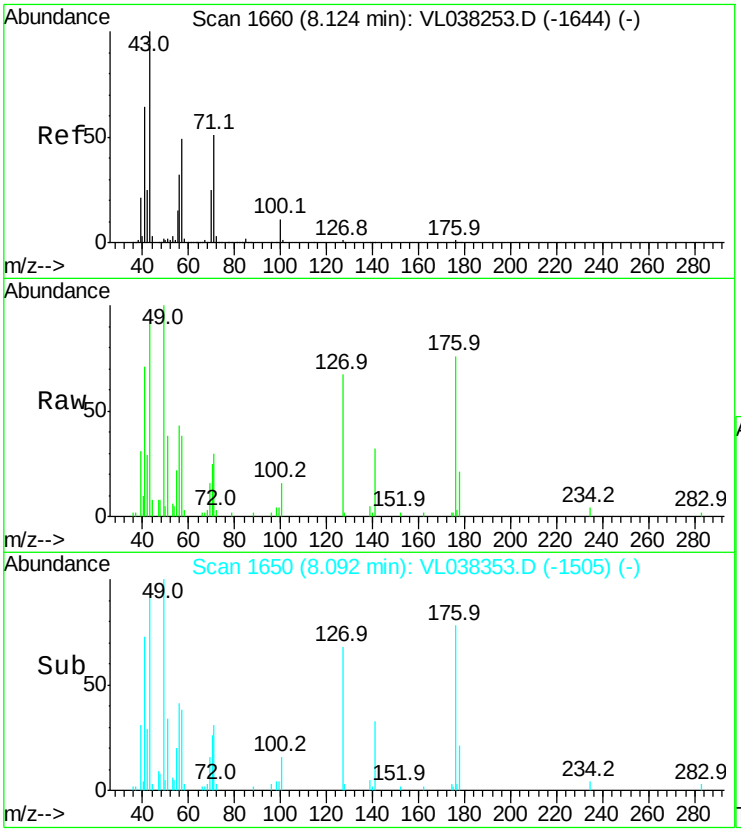


#9
Propene
Concen: 0.67 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.01 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 41 Resp: 31716

Ion	Ratio	Lower	Upper
41	100		
42	53.0	54.9	82.3#



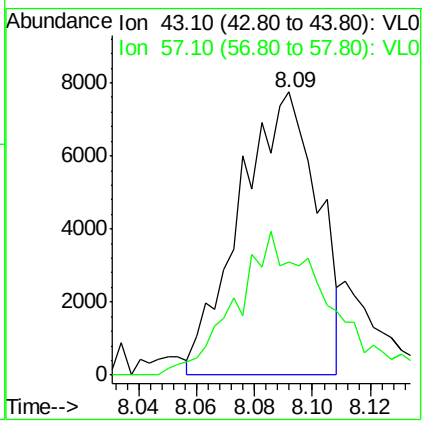


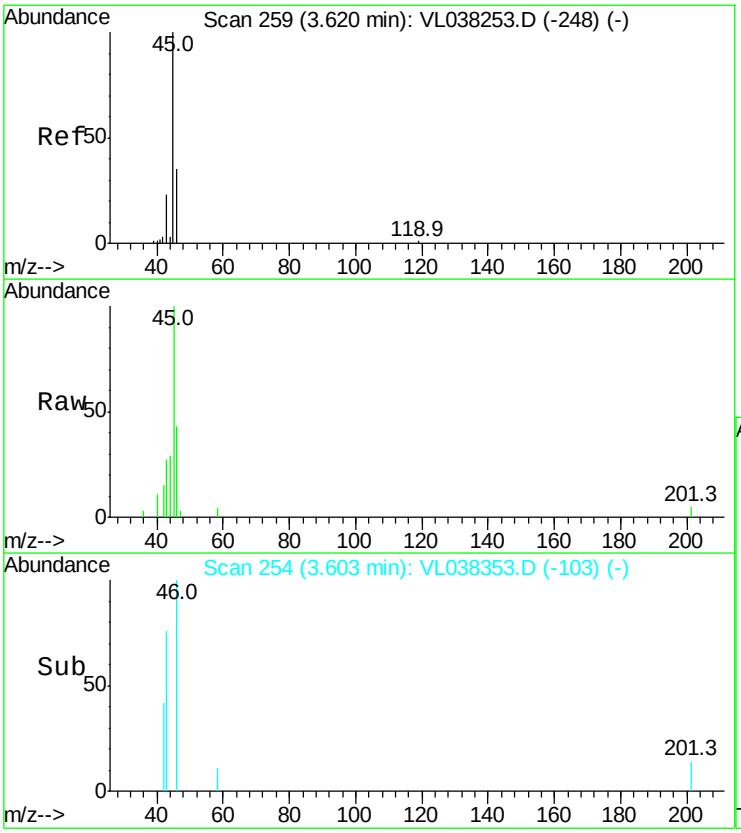
#10
Heptane
Concen: 0.12 ppbv
RT: 8.09
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 14411

Ion	Ratio	Lower	Upper
43	100		
57	61.2	39.5	59.3#

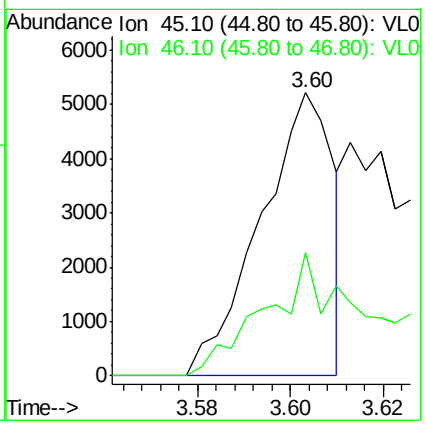


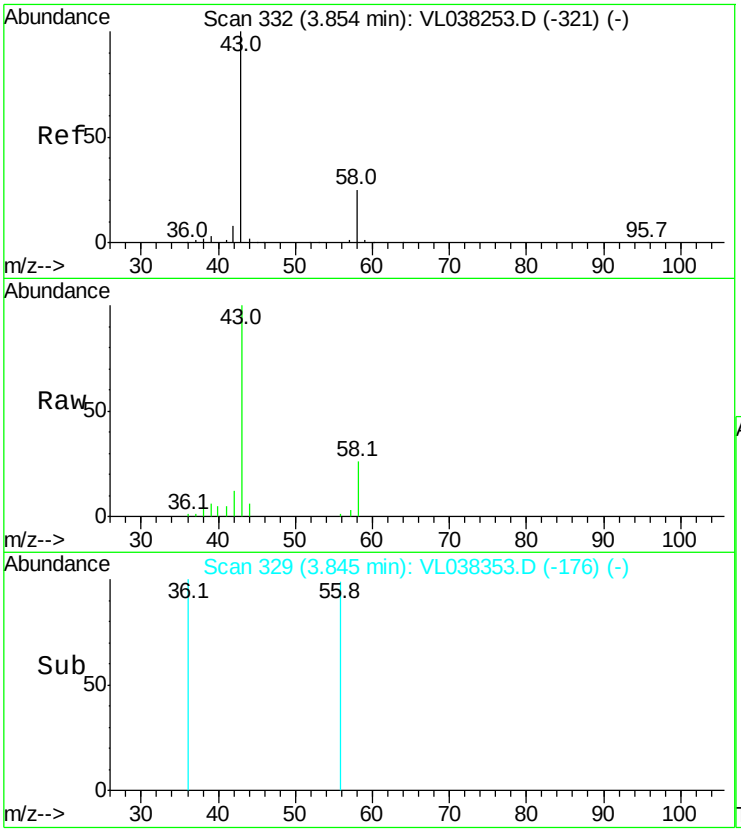


#13
Ethanol
Concen: 1.11 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.02 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 45 Resp: 5680

Ion	Ratio	Lower	Upper
45	100		
46	87.7	15.4	61.6#



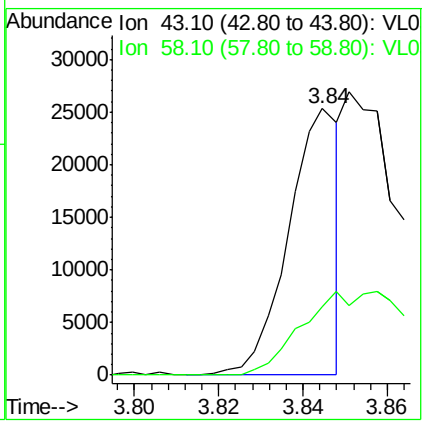


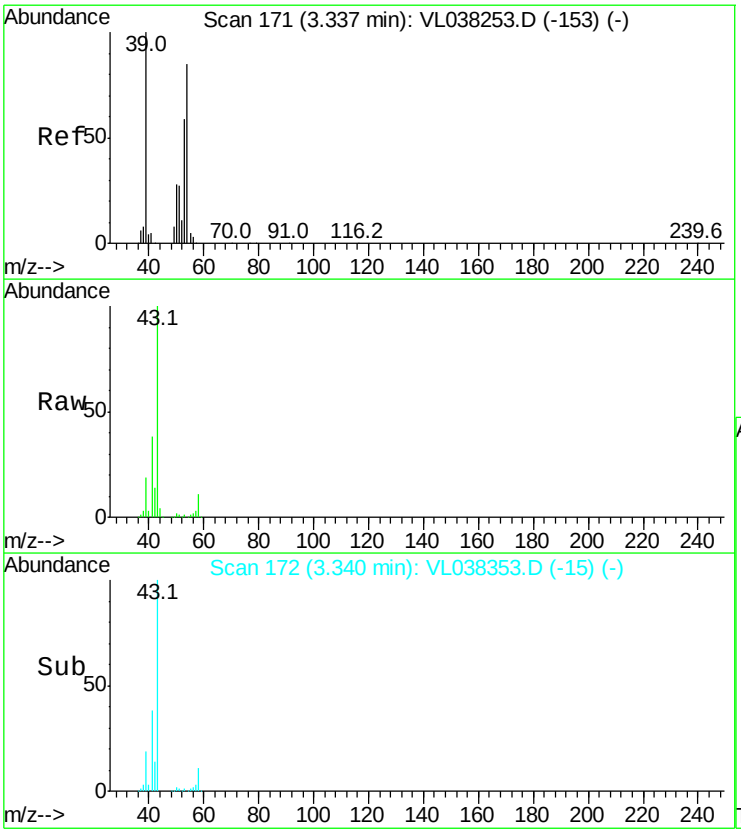
#15
Acetone
Concen: 0.32 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 20973

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.5	32.3#

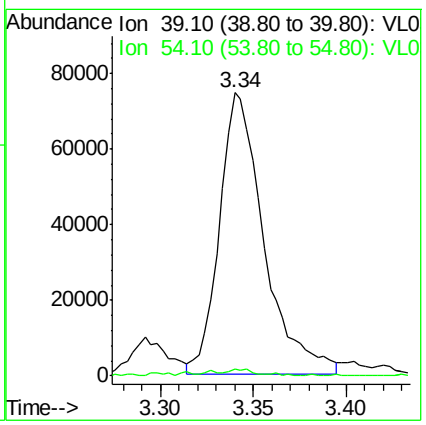


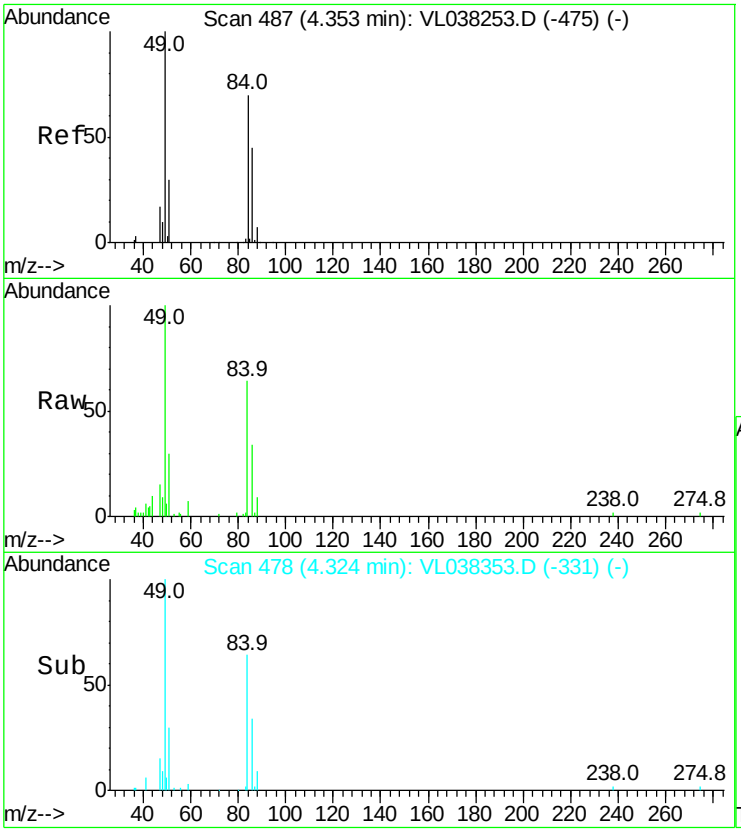


#16
1,3-Butadiene
Concen: 2.67 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.00 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 39 Resp: 124233

Ion	Ratio	Lower	Upper
39	100		
54	3.8	62.6	94.0#



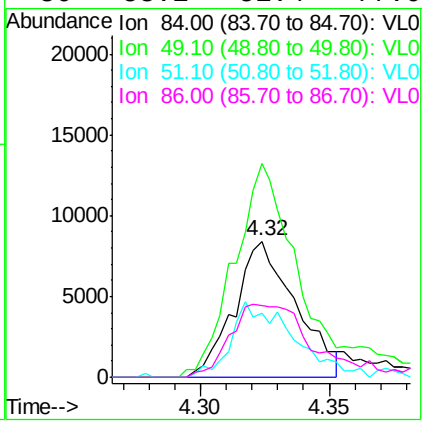


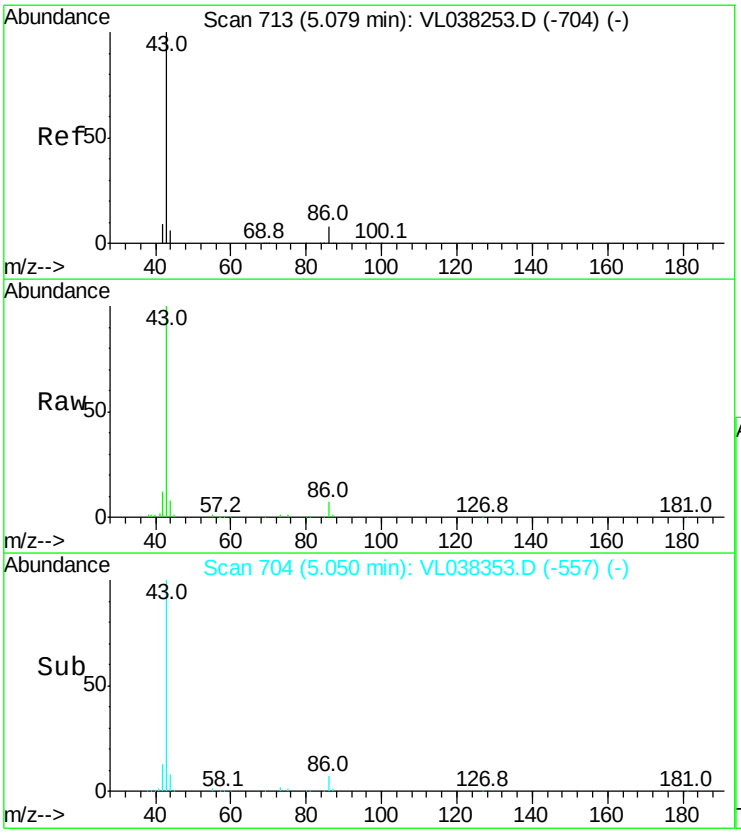
#20
Methylene Chloride
Concen: 0.37 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 84 Resp: 13907

Ion	Ratio	Lower	Upper
84	100		
49	151.4	115.0	172.6
51	46.7	35.0	52.6
86	53.1	51.4	77.0

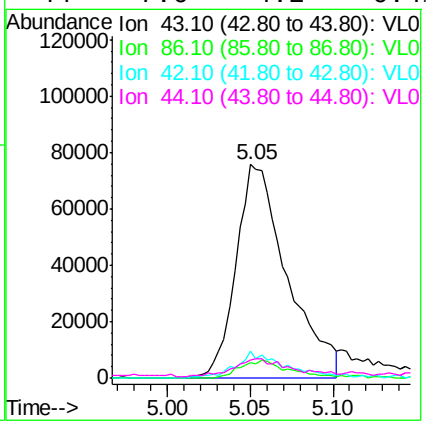


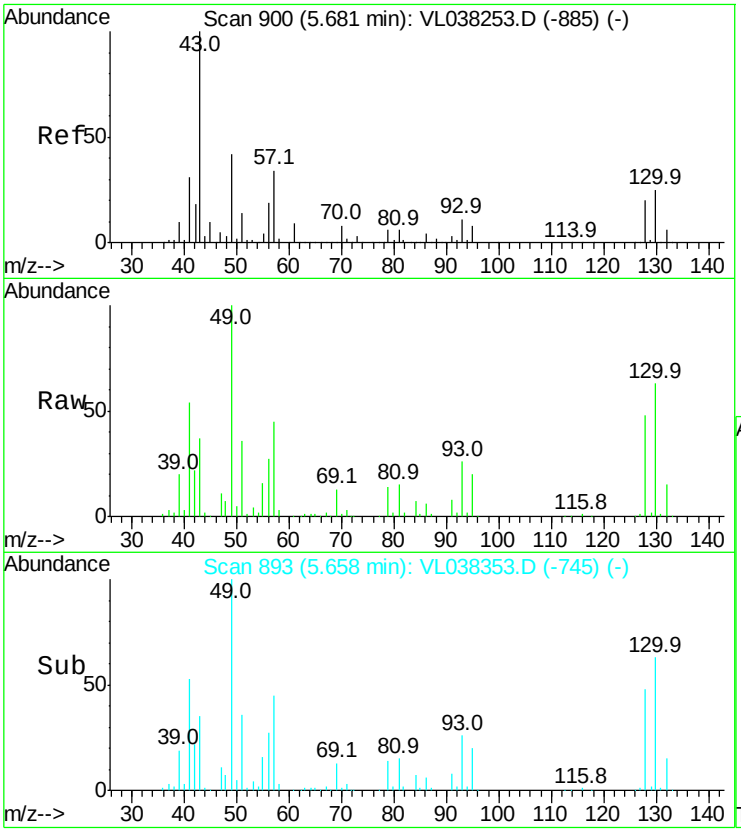


#23
Vinyl Acetate
Concen: 1.72 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.03 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 43 Resp: 162274

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.7	8.5
42	12.5	7.7	11.5#
44	7.6	4.2	6.4#



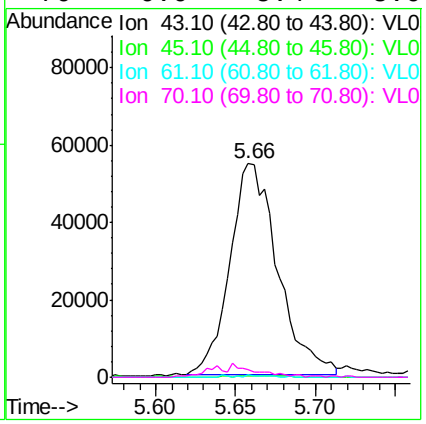


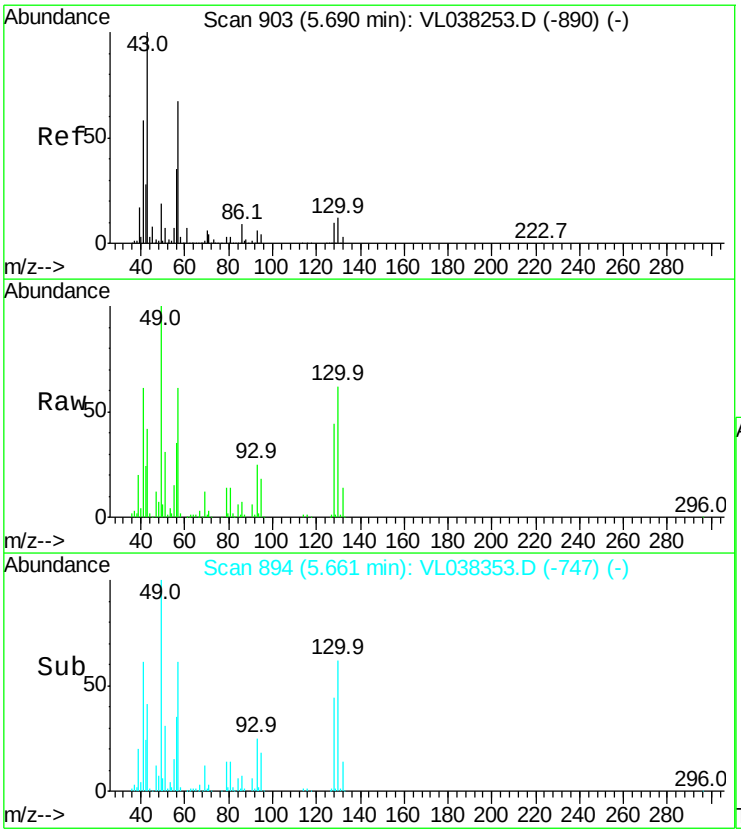
#25
Ethyl Acetate
Concen: 0.62 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 43 Resp: 111752

Ion	Ratio	Lower	Upper
43	100		
45	0.6	7.9	11.9#
61	0.7	7.8	11.8#
70	6.0	5.4	8.0

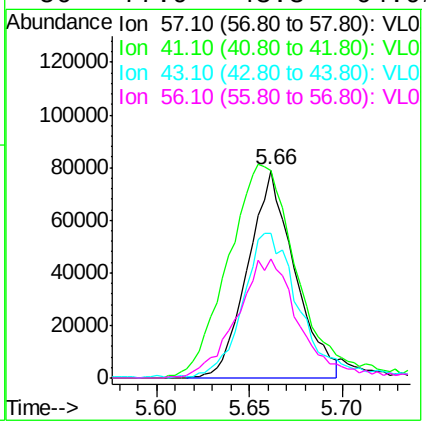


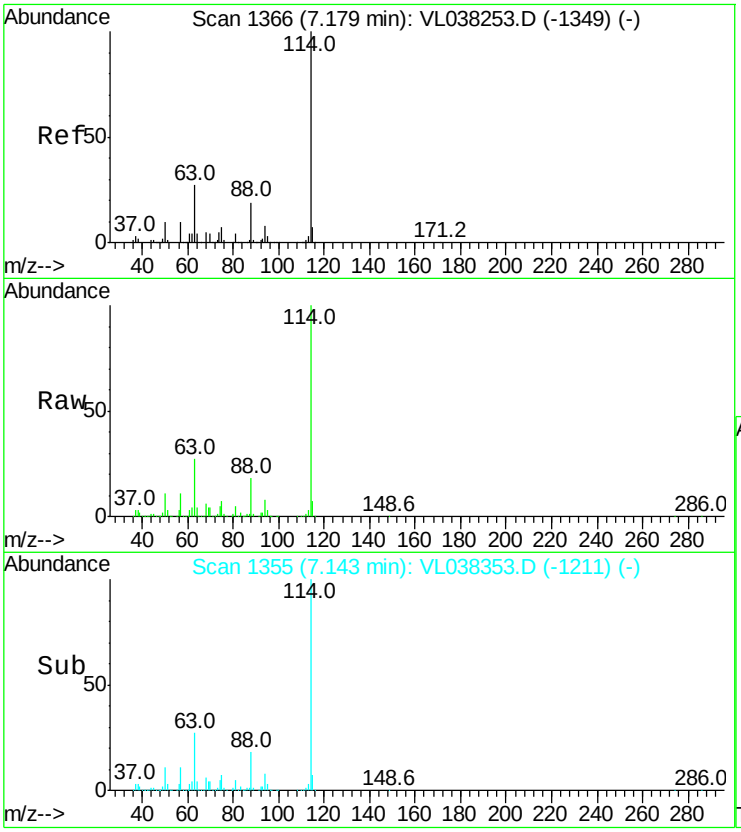


#26
Hexane
Concen: 1.64 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 57 Resp: 138322

Ion	Ratio	Lower	Upper
57	100		
41	155.8	72.8	109.2#
43	85.6	177.0	265.6#
56	77.9	43.3	64.9#



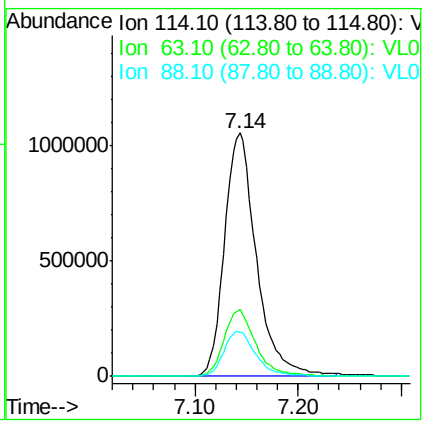


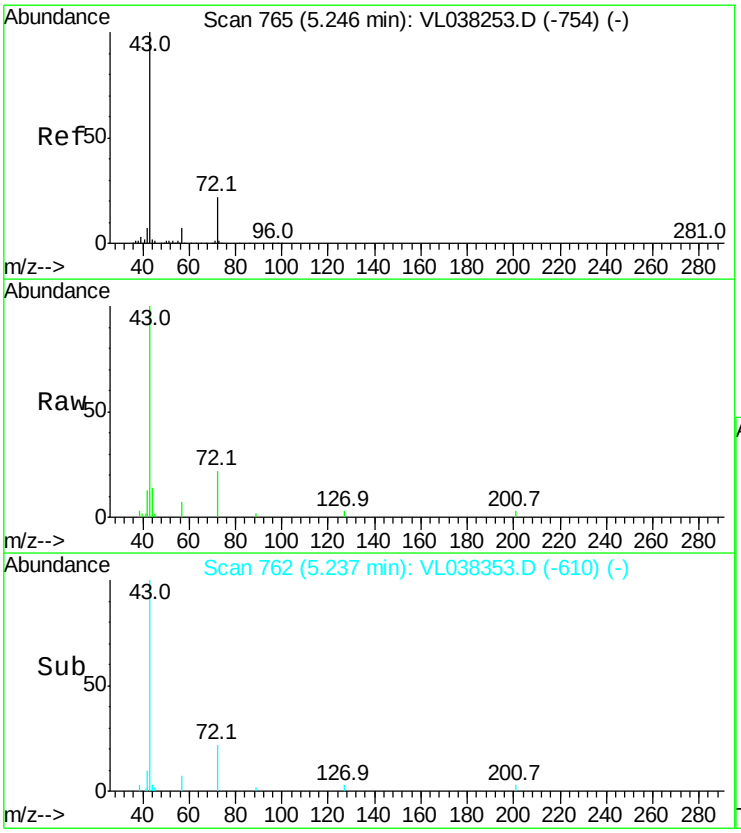
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion:114 Resp: 2278801

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.0	33.0
88	18.8	15.0	22.6

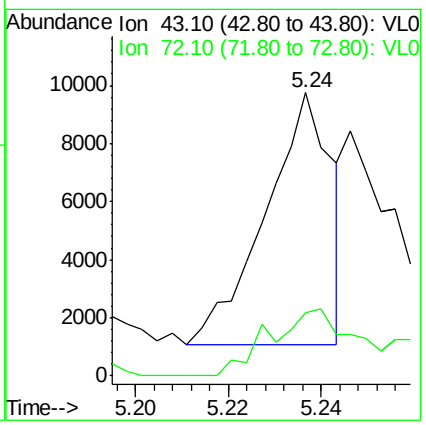


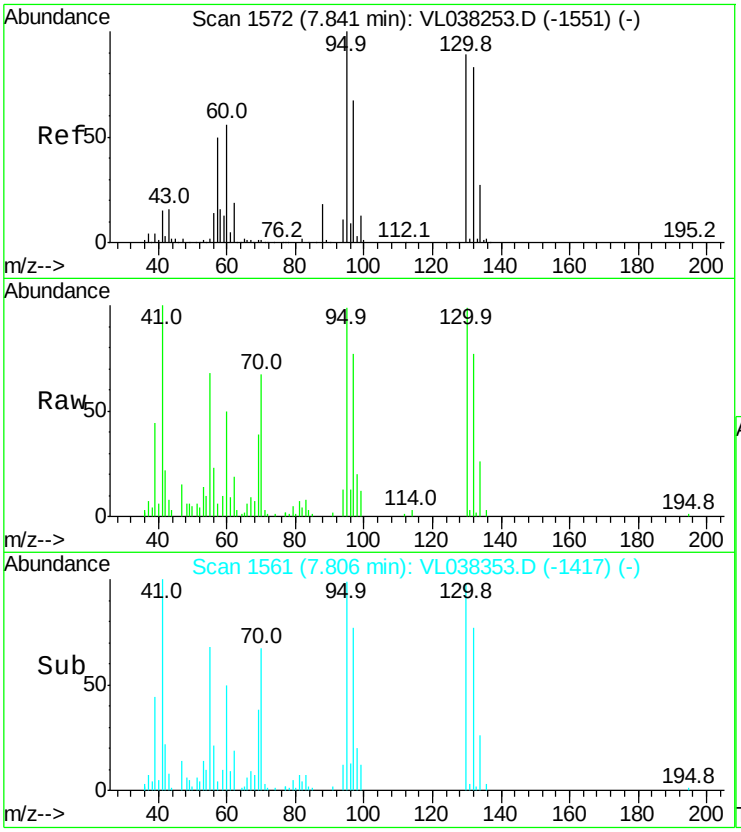


#34
2-Butanone
Concen: 0.12 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.01 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 43 Resp: 8580

Ion	Ratio	Lower	Upper
43	100		
72	51.3	18.1	27.1#



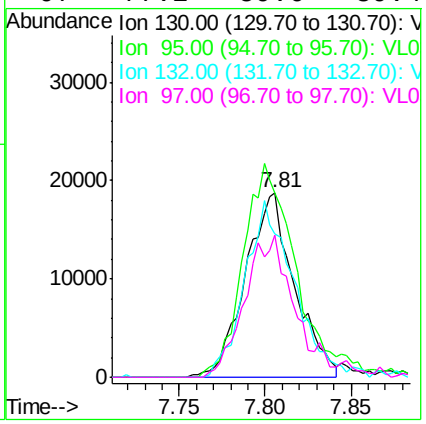


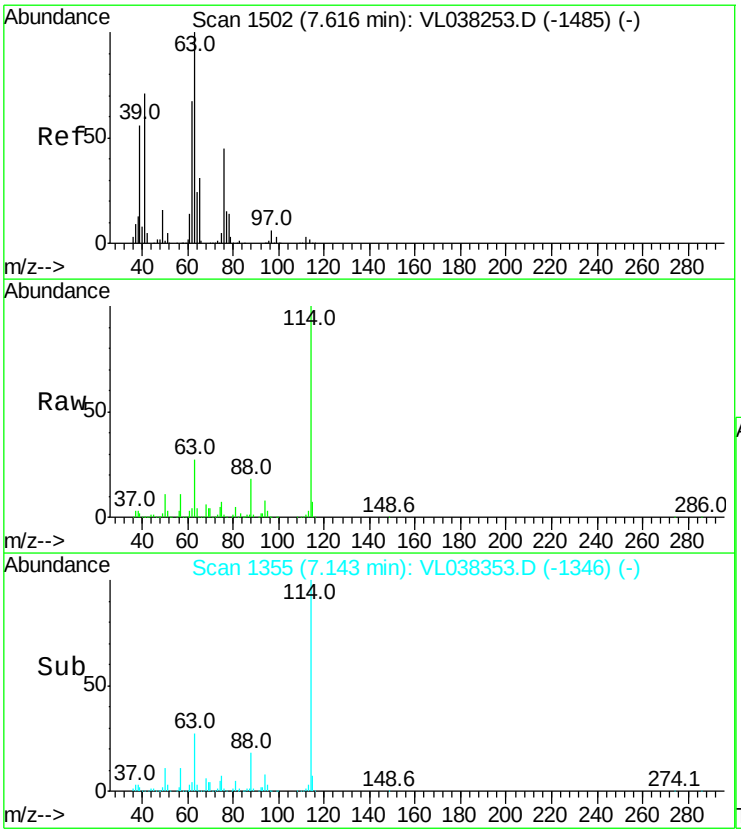
#38
Trichloroethene
Concen: 0.49 ppbv
RT: 7.81
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion:130 Resp: 37023

Ion	Ratio	Lower	Upper
130	100		
95	99.8	89.4	134.2
132	79.9	74.6	111.8
97	77.2	59.6	89.4

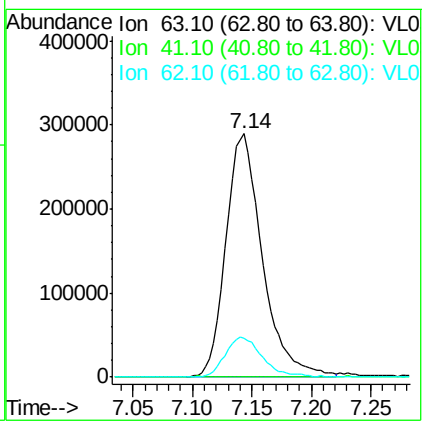


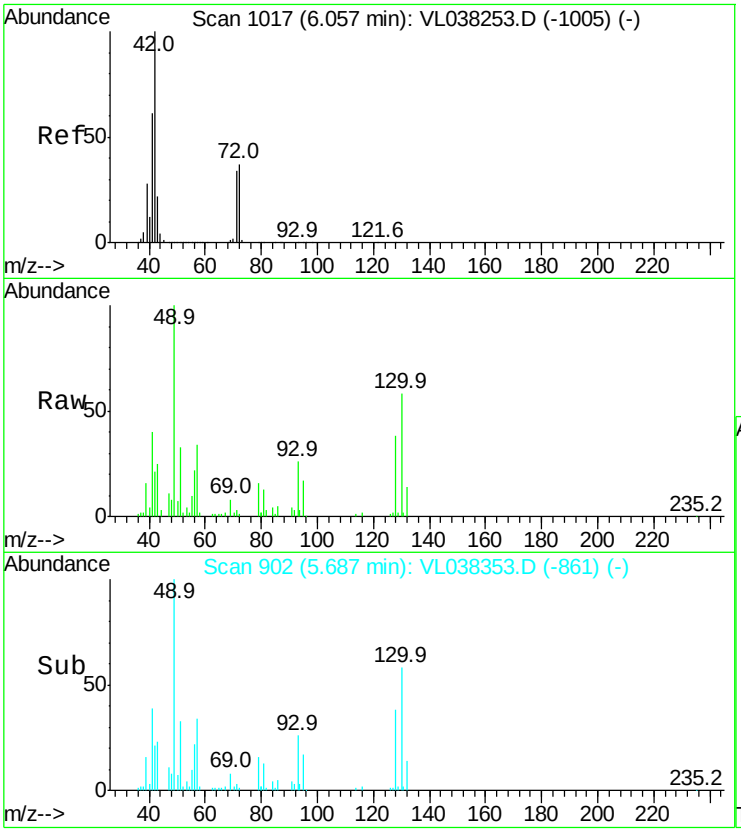


#39
1,2-Dichloropropane
Concen: 7.53 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.47 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 63 Resp: 615420

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	16.0	53.9	80.9#



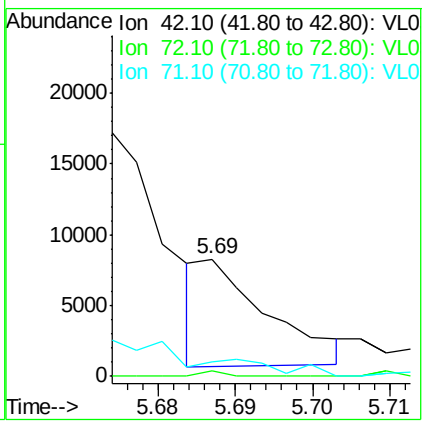


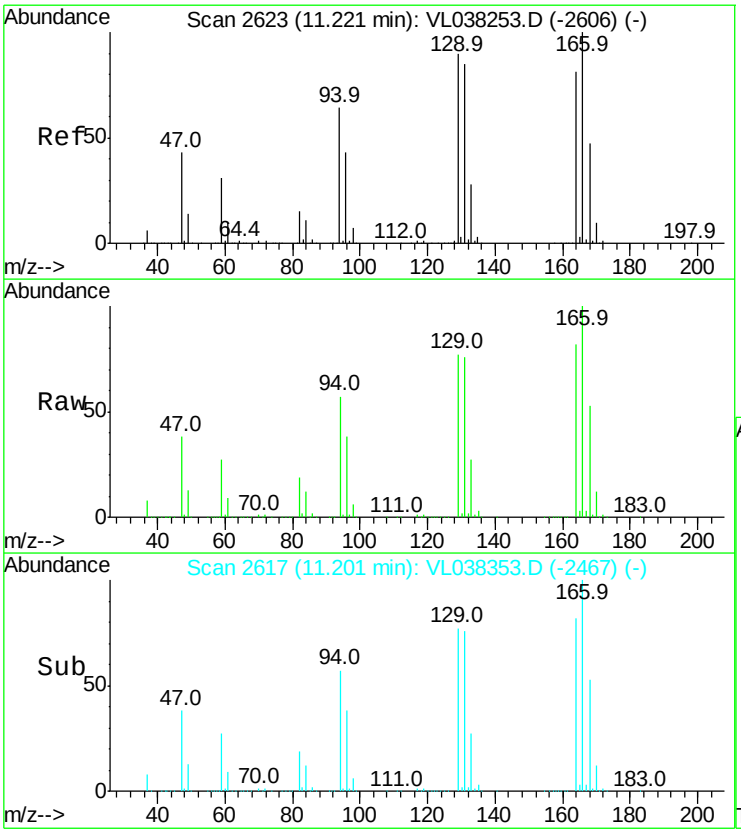
#41
Tetrahydrofuran
Concen: 0.09 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 42 Resp: 4554

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.7	44.5#
71	0.0	29.4	44.2#

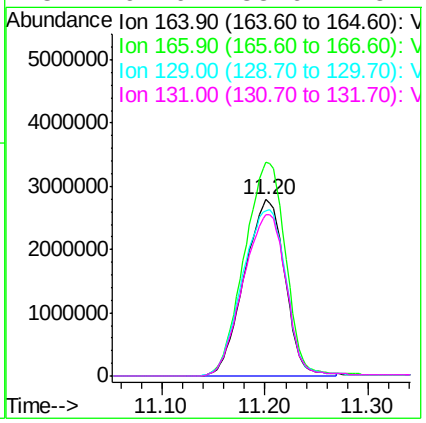


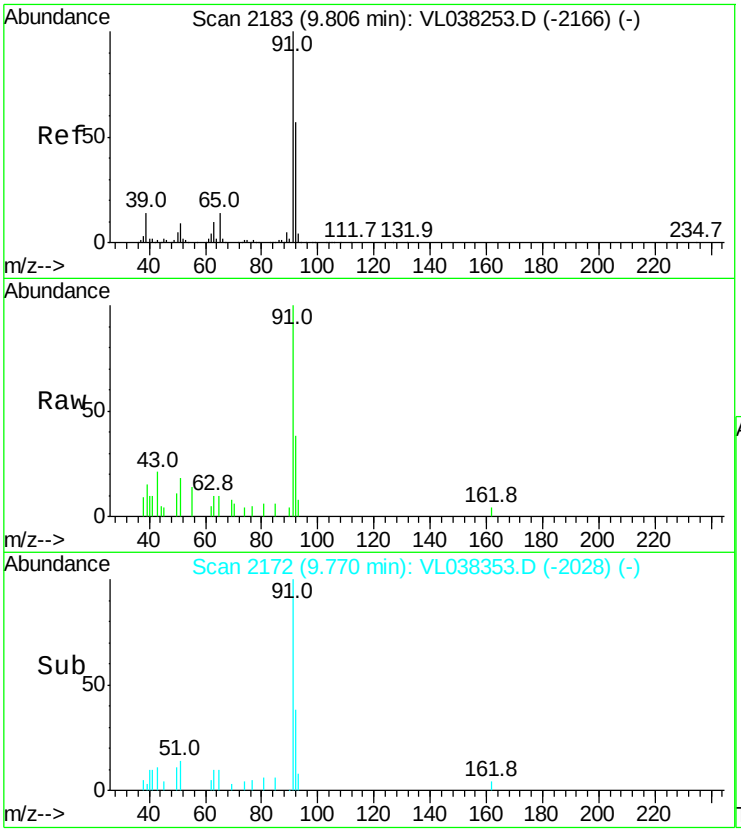


#52
Tetrachloroethene
Concen: 109.46 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.02 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion:164 Resp: 7604097

Ion	Ratio	Lower	Upper
164	100		
166	121.3	98.8	148.2
129	93.6	89.2	133.8
131	91.6	83.6	125.4



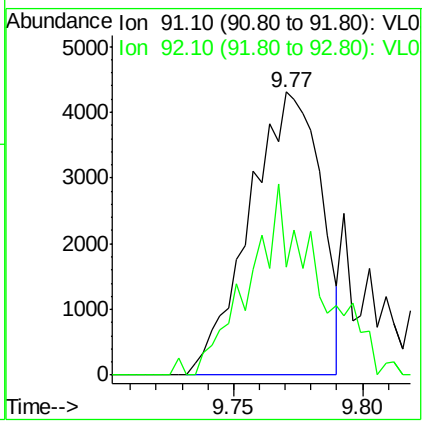


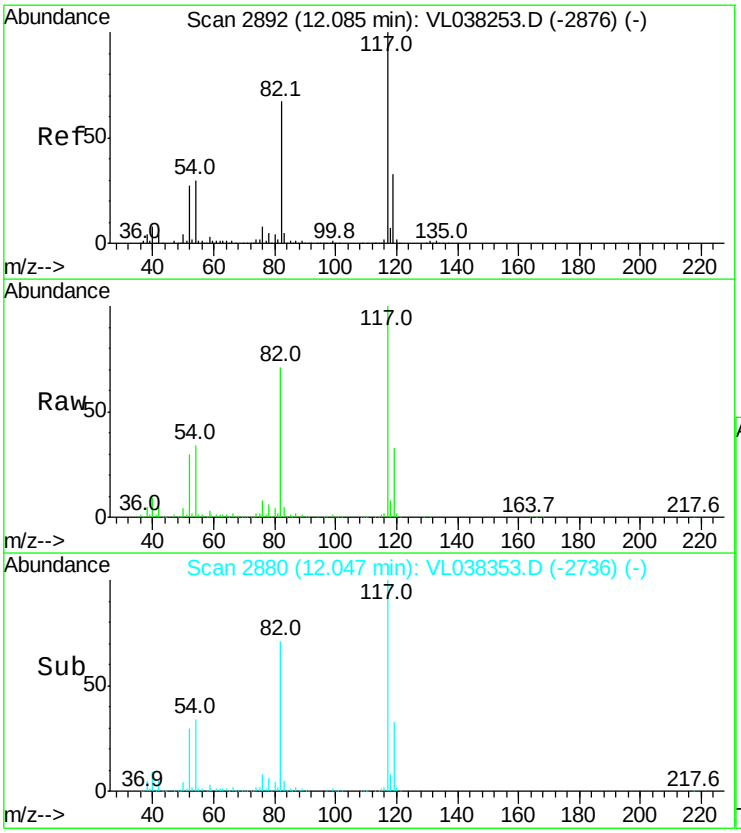
#53
Toluene
Concen: 0.04 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 91 Resp: 8309

Ion	Ratio	Lower	Upper
91	100		
92	64.4	47.4	71.0

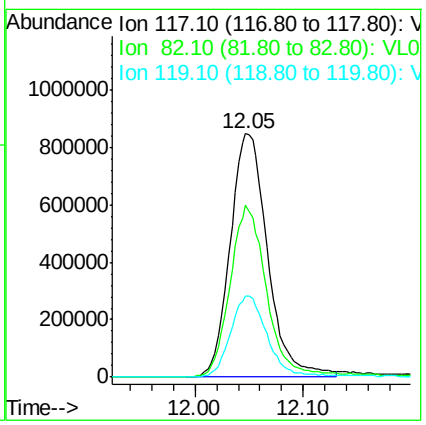


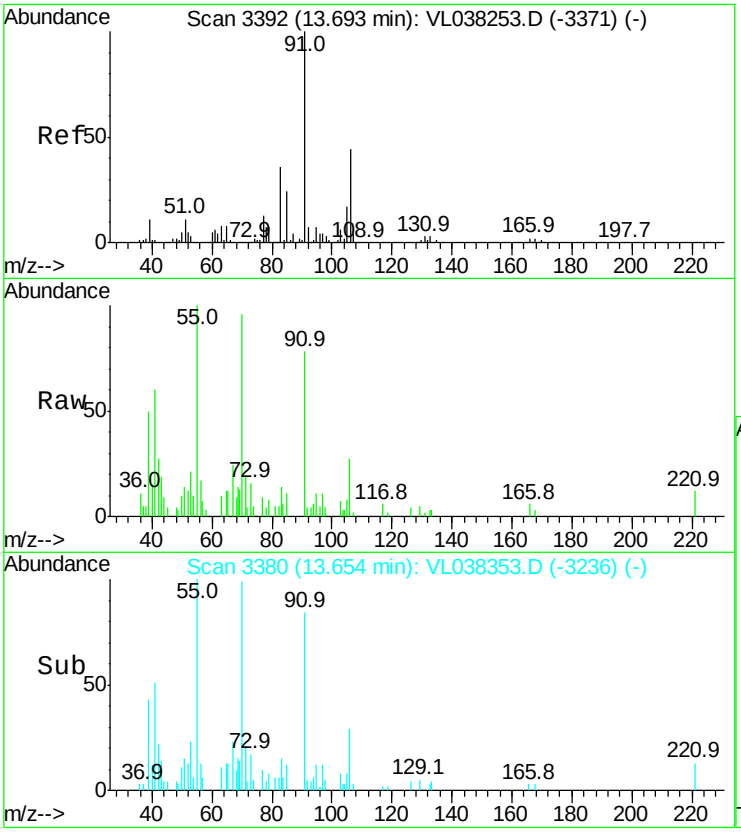


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05 min Scan# 2880
Delta R.T. -0.04 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion:117 Resp: 2050764

Ion	Ratio	Lower	Upper
117	100		
82	71.2	54.4	81.6
119	33.8	45.9	68.9#



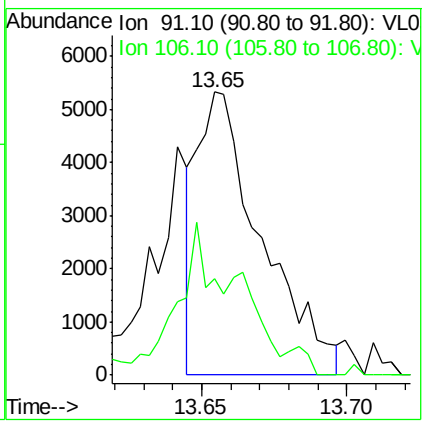


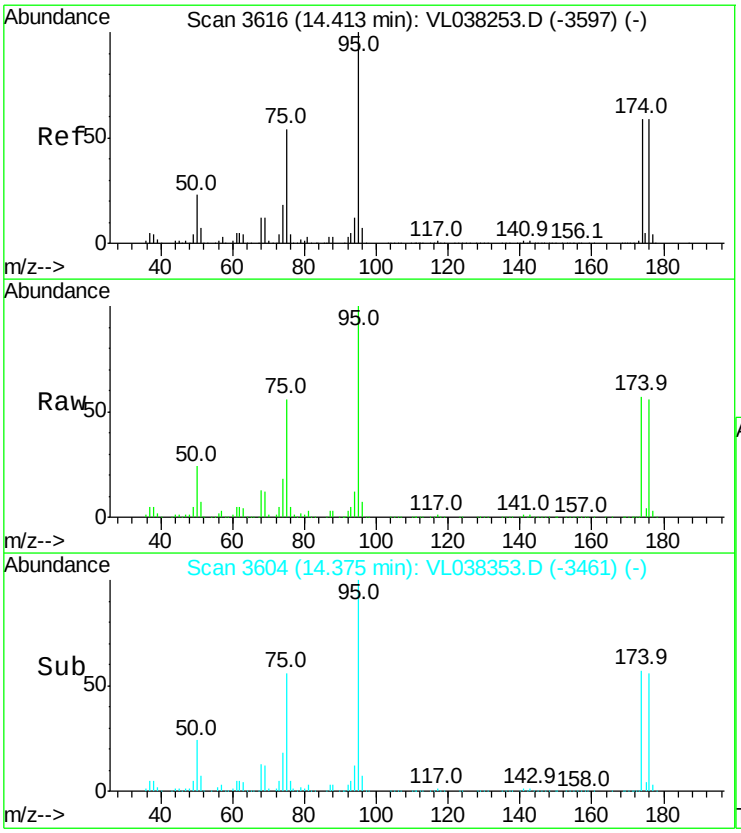
#60
o-Xylene
Concen: 0.03 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 14 Feb 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 91 Resp: 8169

Ion	Ratio	Lower	Upper
91	100		
106	53.2	22.2	66.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.72 ppbv
RT: 14.37 min Scan# 3604
Delta R.T. -0.04 min
Lab File: VL038353.D
Acq: 14 Feb 2022 23:21

Tgt Ion: 95 Resp: 1669048

Ion	Ratio	Lower	Upper
95	100		
174	60.6	48.3	72.5
175	4.3	3.5	5.3