Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021422\
Data File : VL038351.D
Acq On : 14 Feb 2022 22:05
Operator : SY/AP
Sample : N1442-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Feb 15 00:41:21 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	774476	10.00	ppbv		-0.04
33) 1,4-Difluorobenzene	7.14	114	2089030	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.05	117	1771249	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1341692	9.98	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	31957	0.19	ppbv		89
3) Chlorodifluoromethane	2.98	51	131656	0.85	ppbv		95
4) Chloromethane	3.13	50	24576	0.46	ppbv		100
9) Propene	3.01	41	21532	0.43	ppbv	#	45
13) Ethanol	3.59	45	196143	36.40	ppbv		94
15) Acetone	3.83	43	228646	3.35	ppbv		97
19) Isopropyl Alcohol	3.95	45	137045	3.21	ppbv	#	98
20) Methylene Chloride	4.33	84	96640	2.43	ppbv		97
23) Vinyl Acetate	5.04	43	3219	0.03	ppbv	#	1
25) Ethyl Acetate	5.66	43	90694	0.47	ppbv	#	91
26) Hexane	5.66	57	75001	0.84	ppbv	#	60
34) 2-Butanone	5.23	43	23248	0.34	ppbv	#	82
36) Benzene	6.86	78	57794	0.31	ppbv		95
39) 1,2-Dichloropropane	7.14	63	558598	7.46	ppbv	#	25
44) 2,2,4-Trimethylpentane	7.84	57	16090	0.05	ppbv	#	49
53) Toluene	9.77	91	30627	0.15	ppbv	#	36

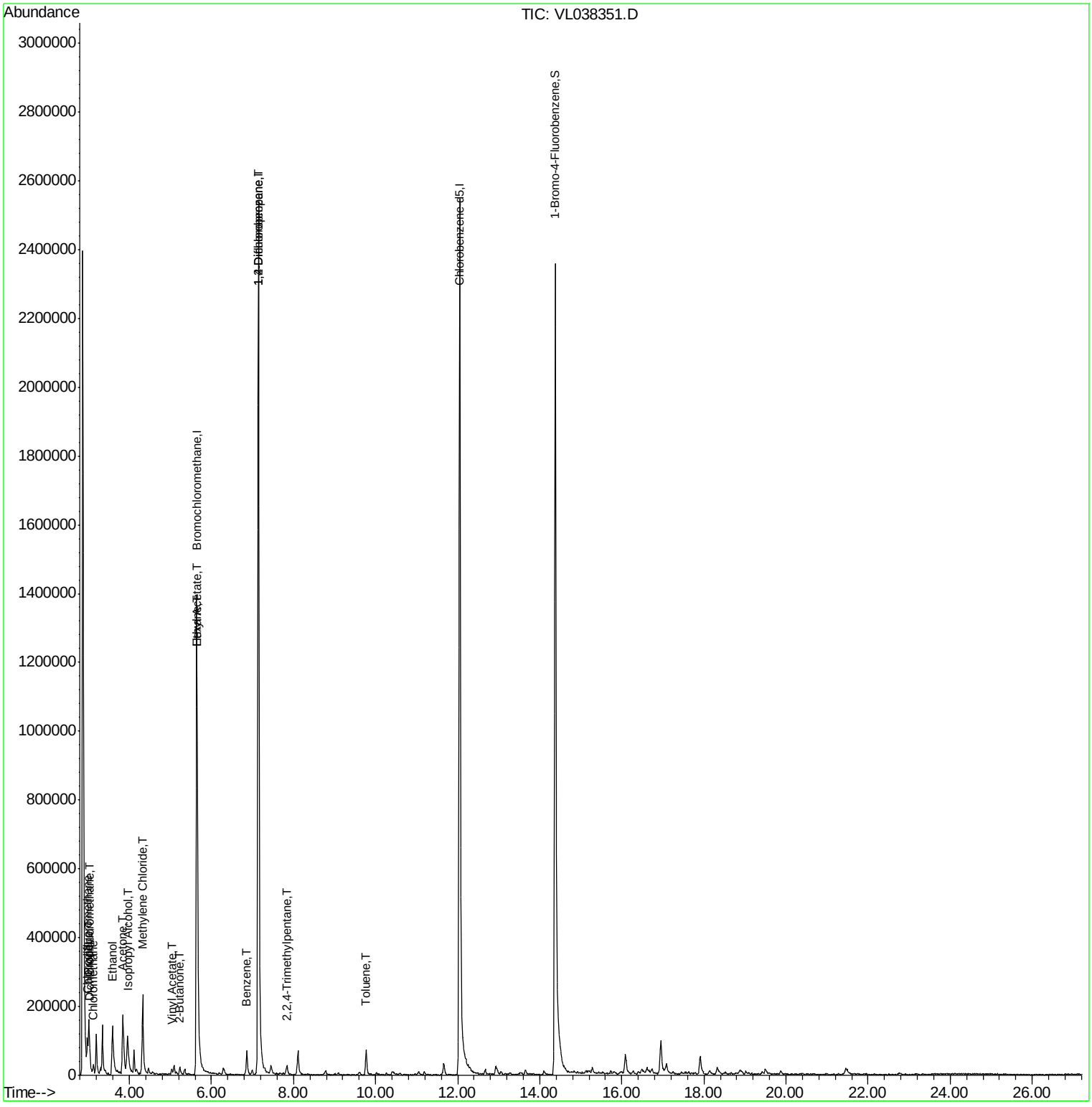
(#) = qualifier out of range (m) = manual integration (+) = signals summed

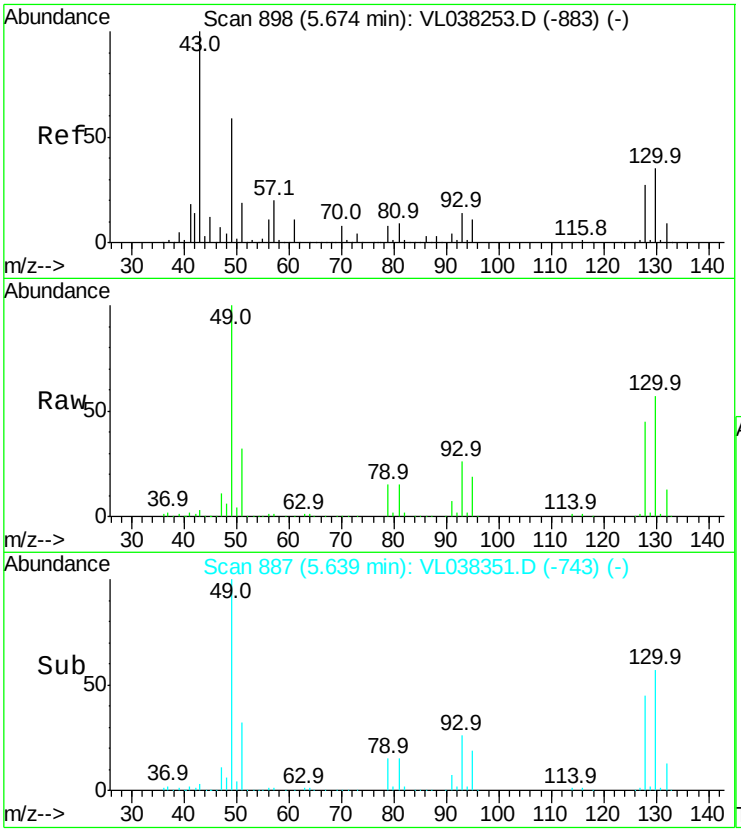
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021422\
Data File : VL038351.D
Acq On : 14 Feb 2022 22:05
Operator : SY/AP
Sample : N1442-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Feb 15 00:41:21 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



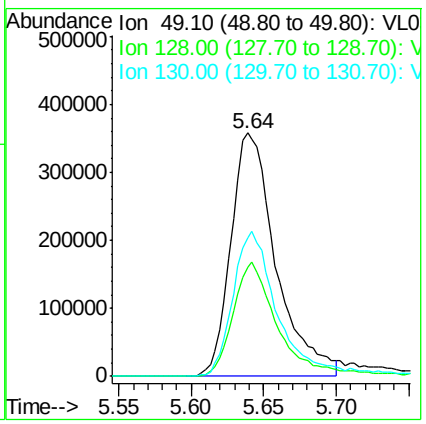


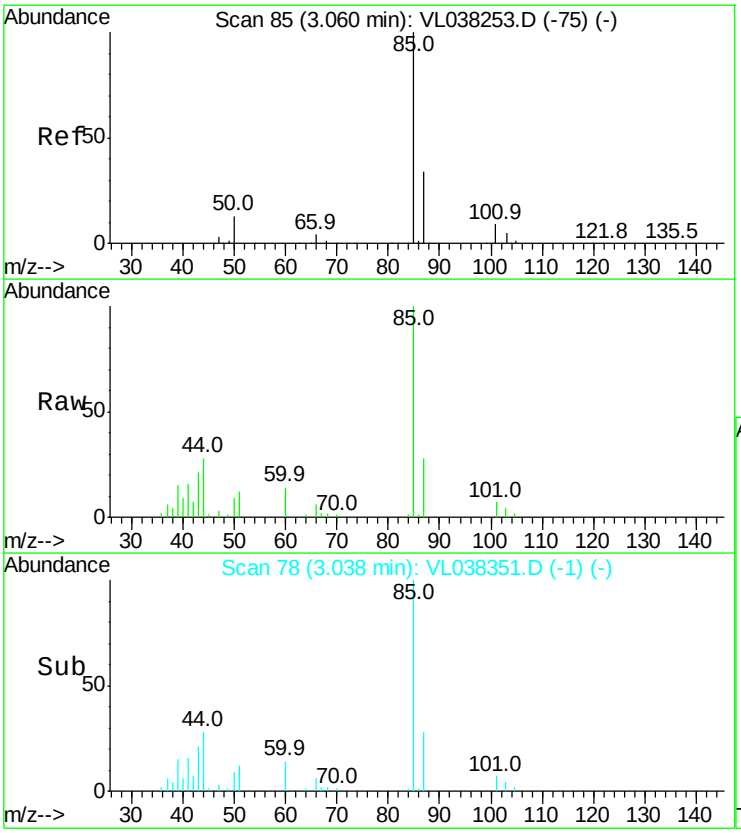
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 49 Resp: 774476

Ion	Ratio	Lower	Upper
49	100		
128	47.9	24.5	73.5
130	62.2	30.1	90.5

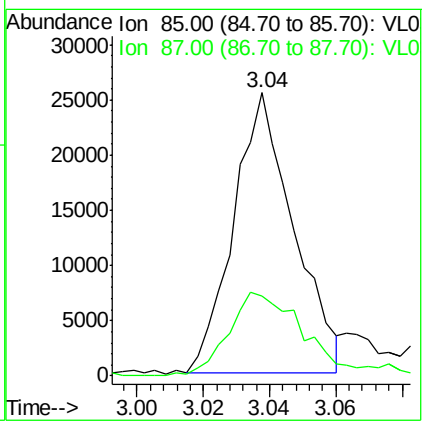


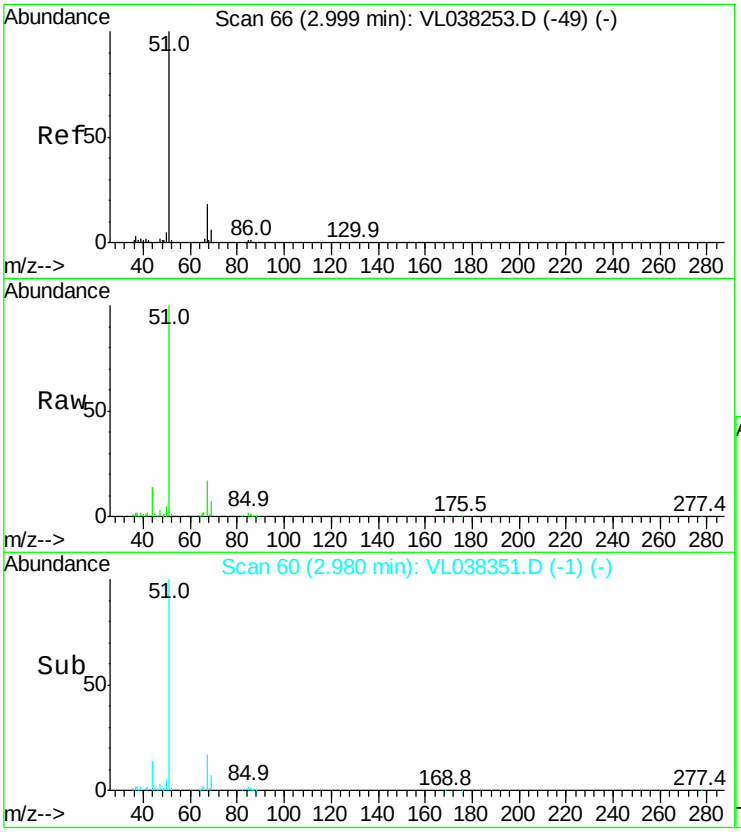


#2
Dichlorodifluoromethane
Concen: 0.19 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.02 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 85 Resp: 31957

Ion	Ratio	Lower	Upper
85	100		
87	27.6	27.0	40.6



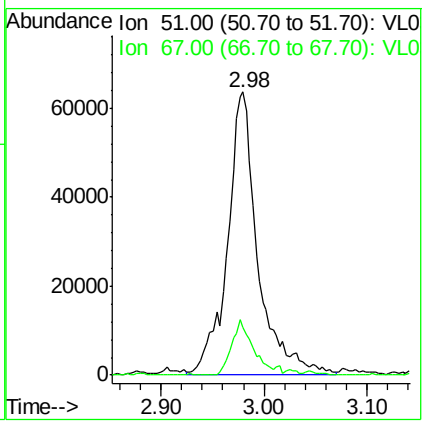


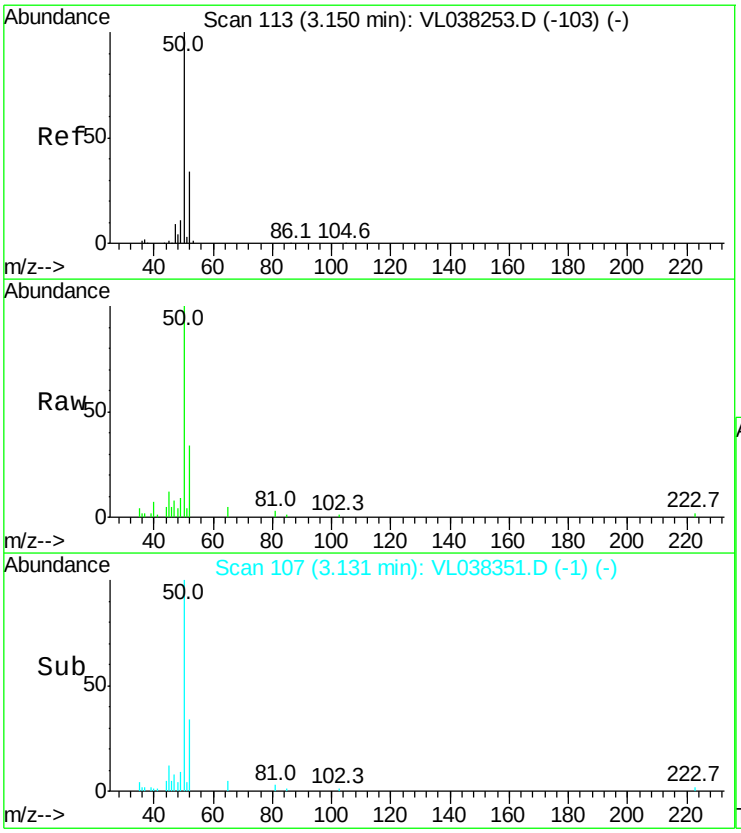
#3
Chlorodifluoromethane
Concen: 0.85 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 51 Resp: 131656

Ion	Ratio	Lower	Upper
51	100		
67	15.6	14.4	21.6

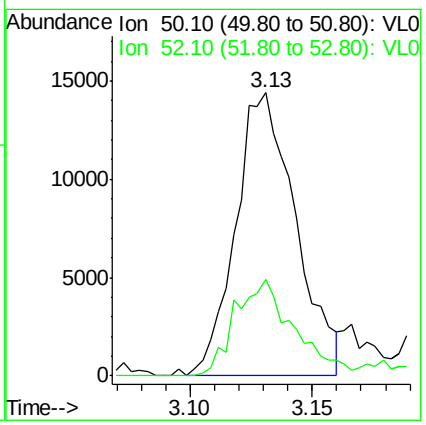


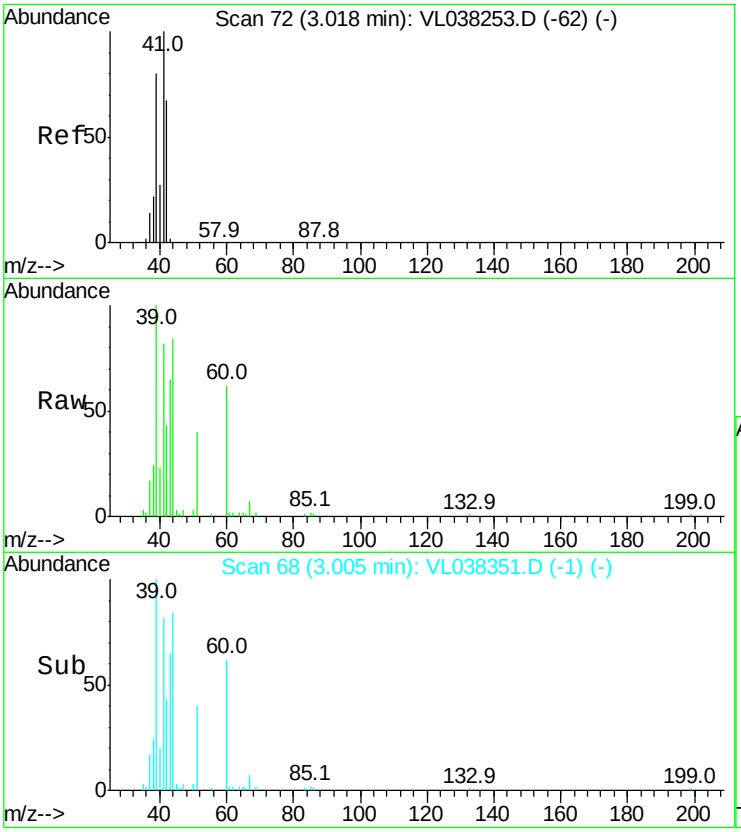


#4
Chloromethane
Concen: 0.46 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.02 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 50 Resp: 24576

Ion	Ratio	Lower	Upper
50	100		
52	34.1	27.1	40.7



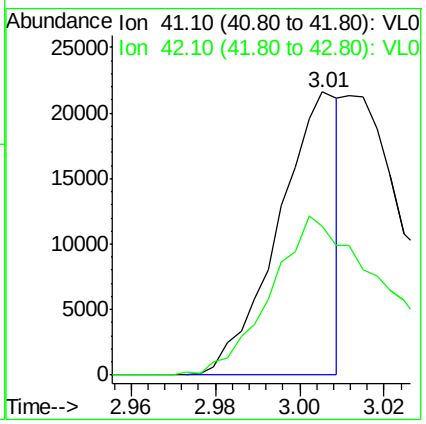


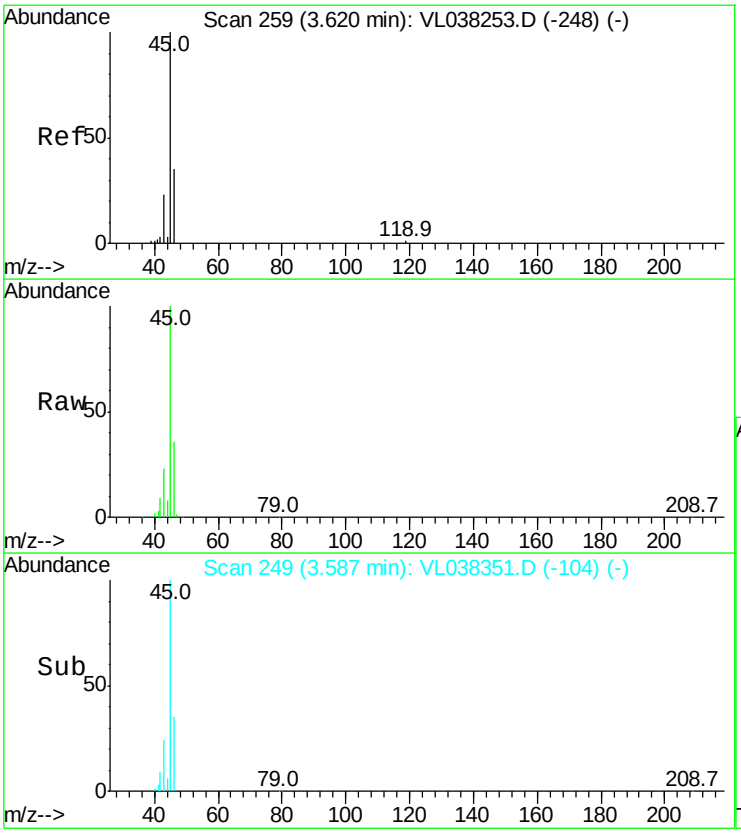
#9
Propene
Concen: 0.43 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 41 Resp: 21532

Ion	Ratio	Lower	Upper
41	100		
42	113.6	54.9	82.3#

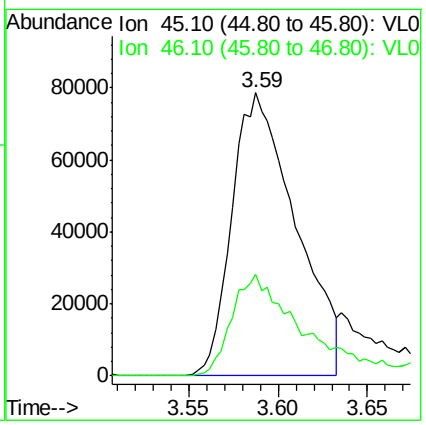


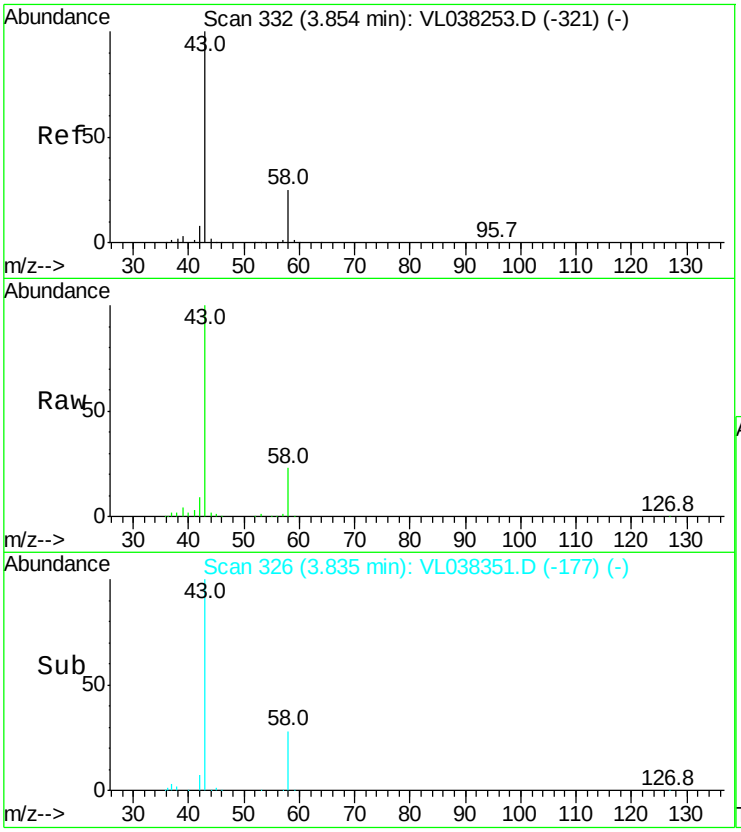


#13
Ethanol
Concen: 36.40 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.03 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 45 Resp: 196143

Ion	Ratio	Lower	Upper
45	100		
46	42.2	15.4	61.6



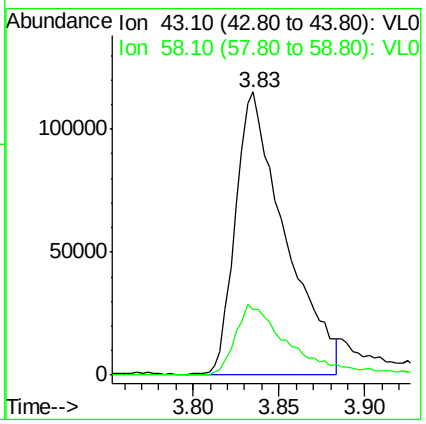


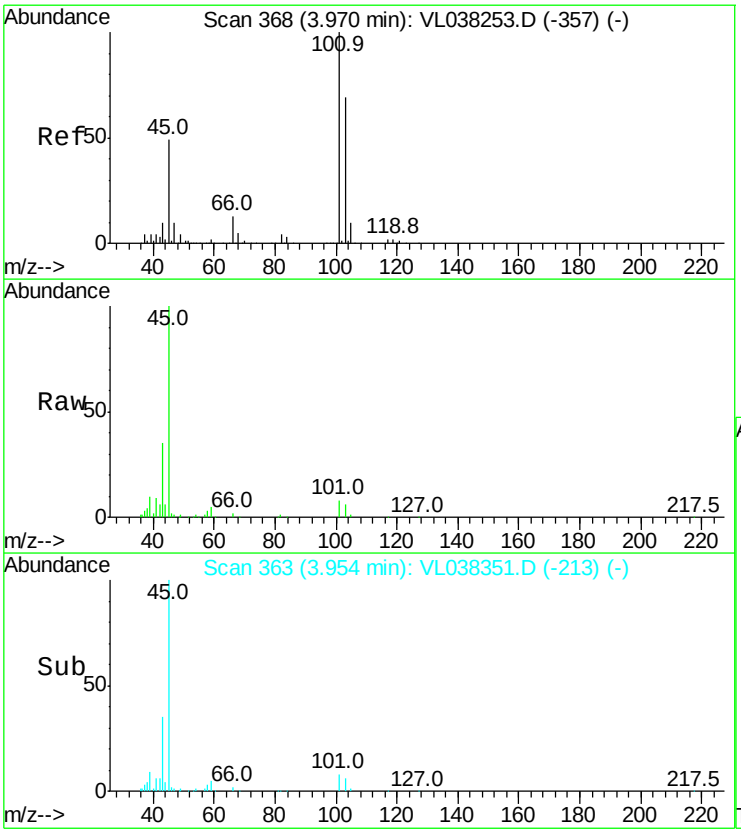
#15
Acetone
Concen: 3.35 ppbv
RT: 3.83
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 228646

Ion	Ratio	Lower	Upper
43	100		
58	28.5	21.5	32.3

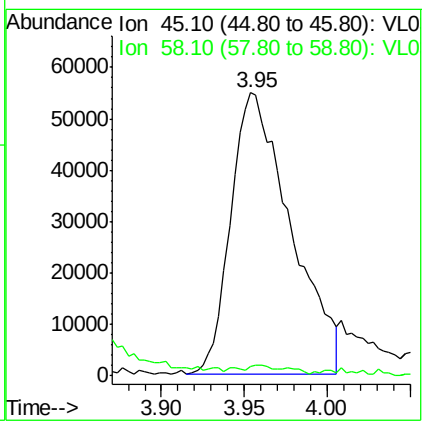


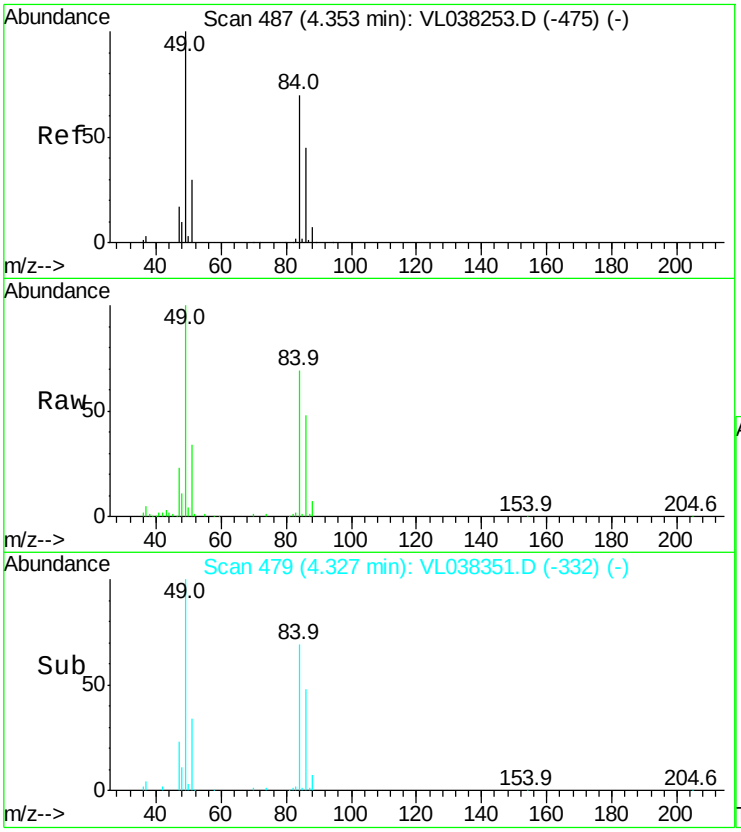


#19
Isopropyl Alcohol
Concen: 3.21 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.02 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 45 Resp: 137045

Ion	Ratio	Lower	Upper
45	100		
58	2.2	2.3	3.5#



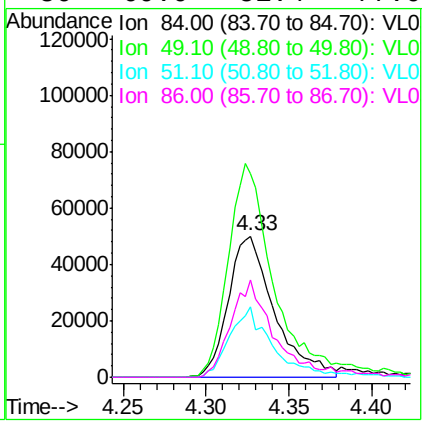


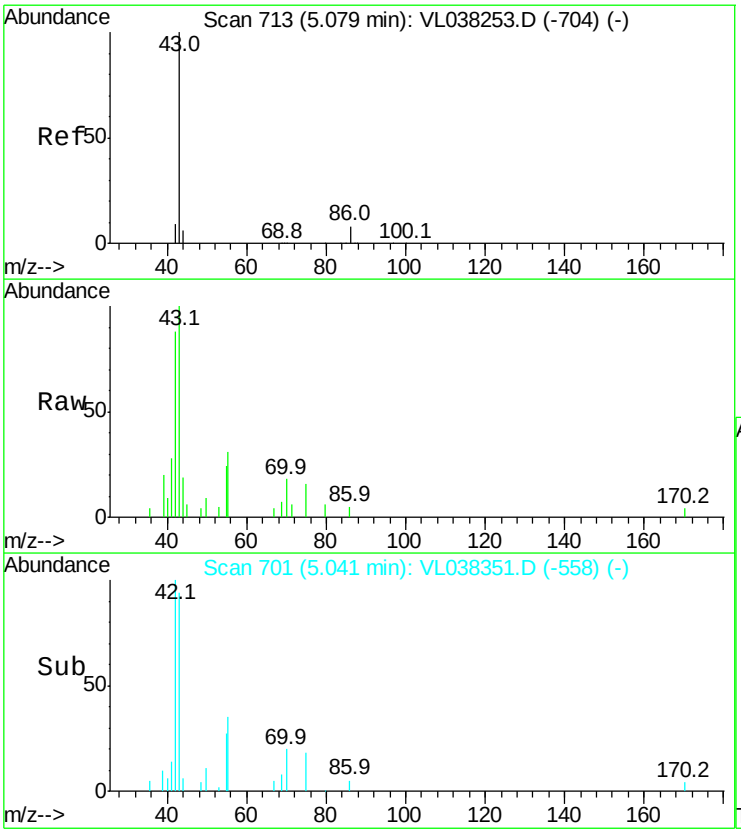
#20
Methylene Chloride
Concen: 2.43 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 84 Resp: 96640

Ion	Ratio	Lower	Upper
84	100		
49	144.2	115.0	172.6
51	49.4	35.0	52.6
86	69.0	51.4	77.0

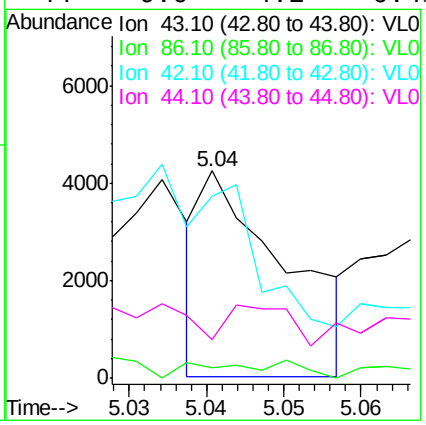


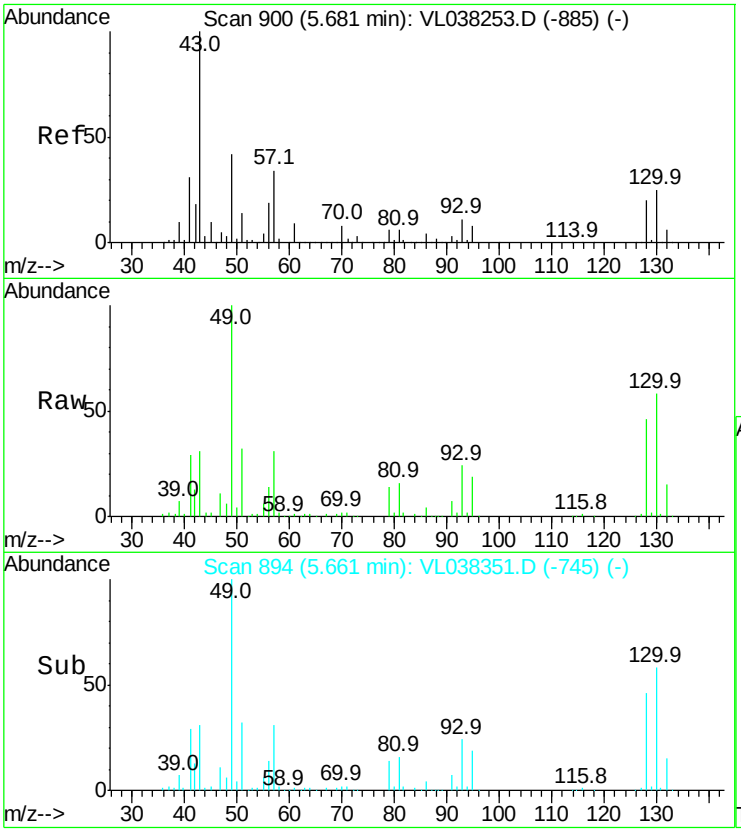


#23
Vinyl Acetate
Concen: 0.03 ppbv
RT: 5.04 min Scan# 701
Delta R.T. -0.04 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 43 Resp: 3219

Ion	Ratio	Lower	Upper
43	100		
86	9.4	5.7	8.5#
42	123.6	7.7	11.5#
44	0.0	4.2	6.4#



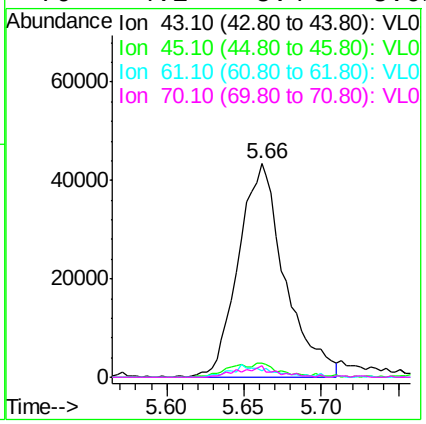


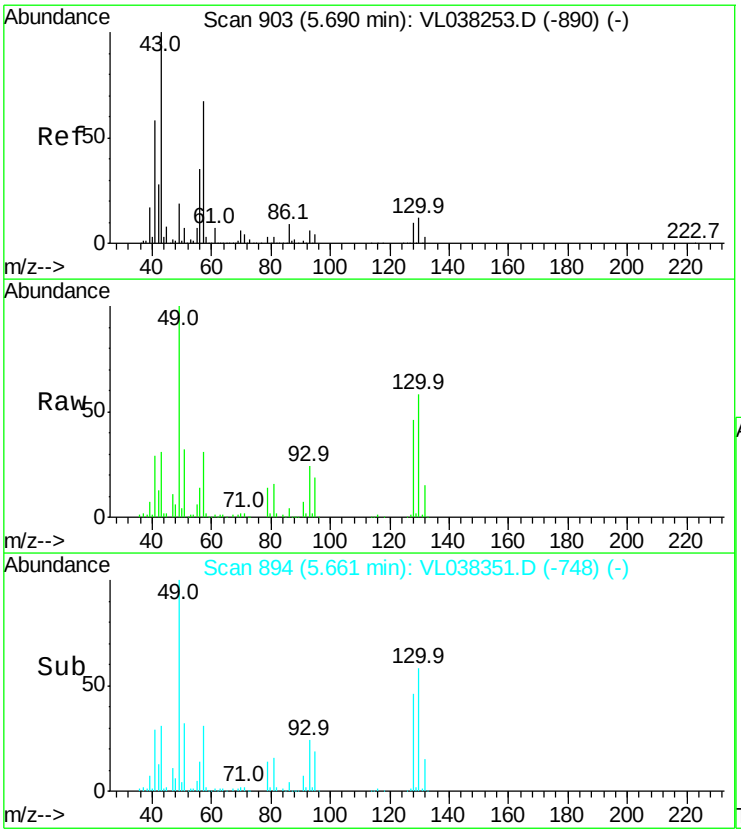
#25
Ethyl Acetate
Concen: 0.47 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 90694

Ion	Ratio	Lower	Upper
43	100		
45	7.5	7.9	11.9#
61	5.1	7.8	11.8#
70	4.2	5.4	8.0#

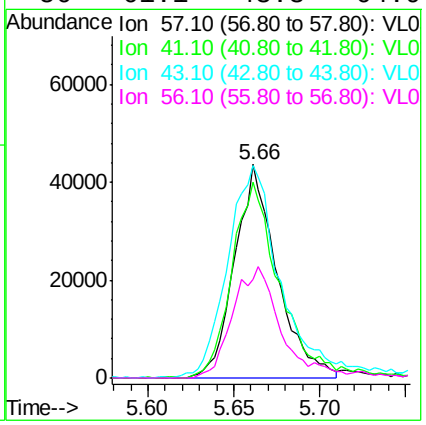


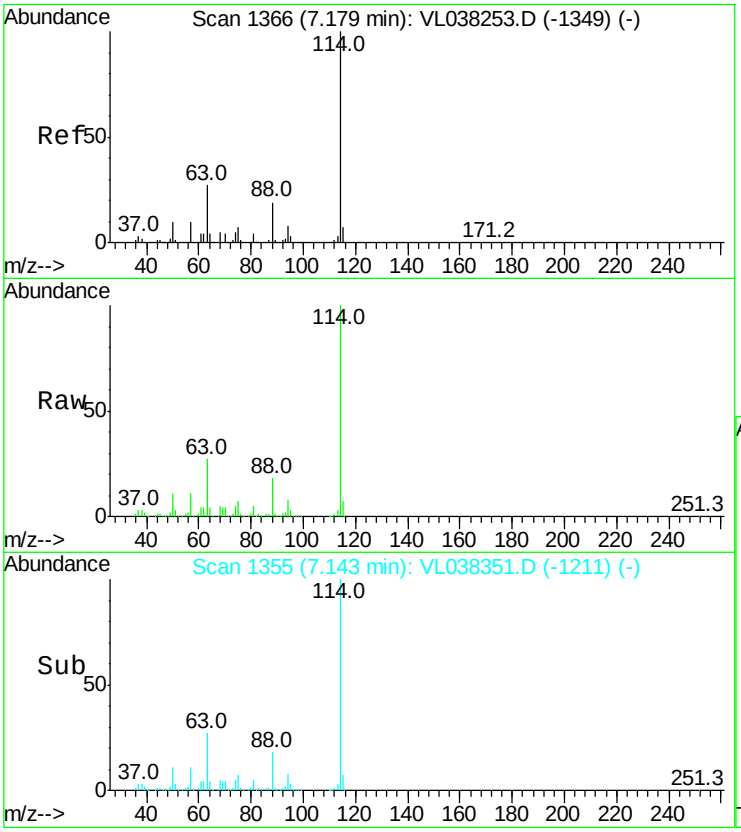


#26
Hexane
Concen: 0.84 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 57 Resp: 75001

Ion	Ratio	Lower	Upper
57	100		
41	105.6	72.8	109.2
43	127.7	177.0	265.6#
56	61.1	43.3	64.9



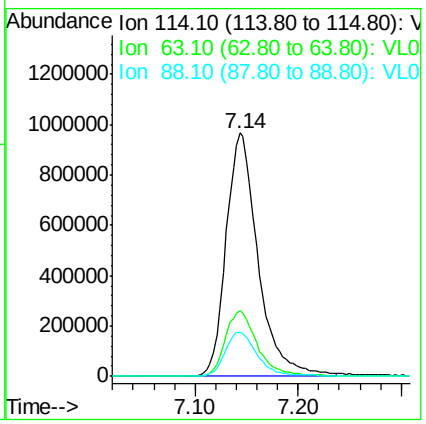


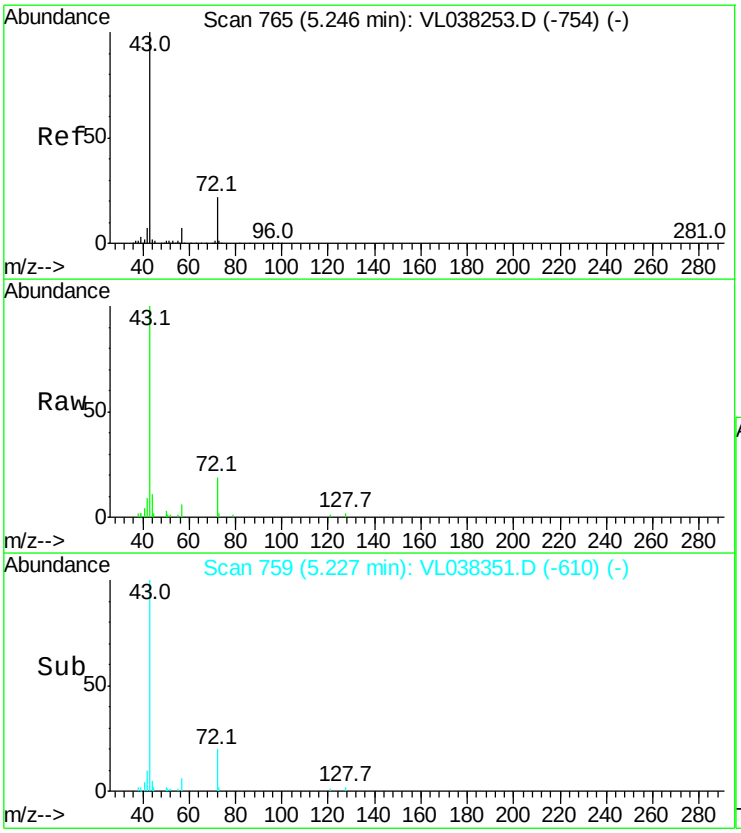
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:114 Resp: 2089030

Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.0	33.0
88	18.7	15.0	22.6

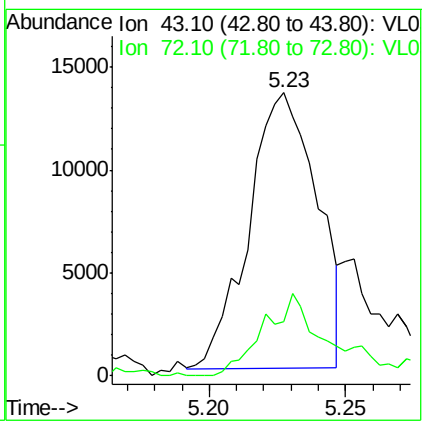


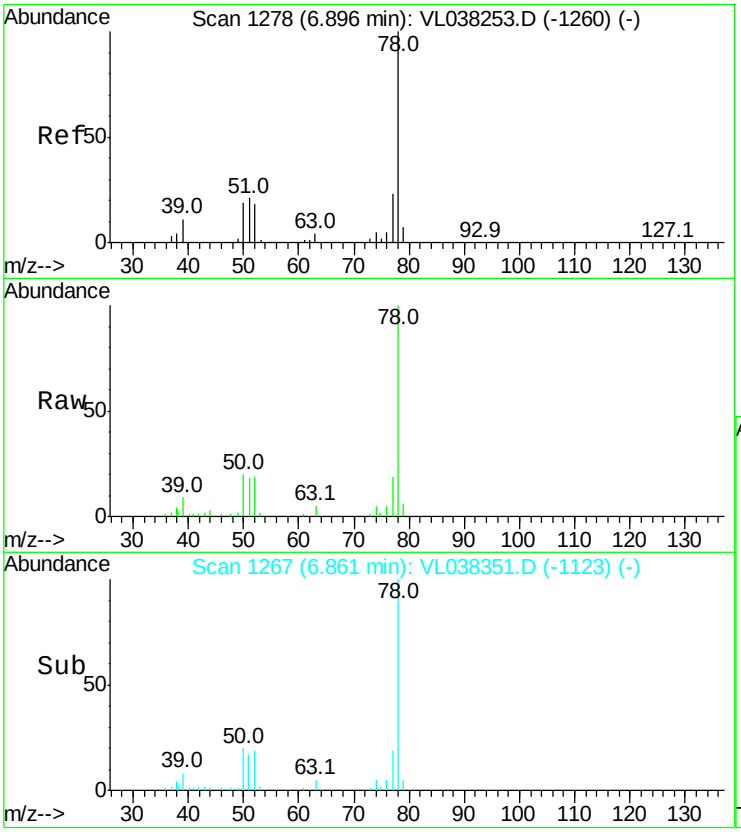


#34
2-Butanone
Concen: 0.34 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.02 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 43 Resp: 23248

Ion	Ratio	Lower	Upper
43	100		
72	31.2	18.1	27.1#



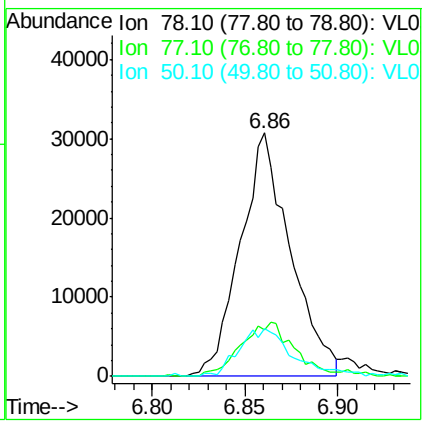


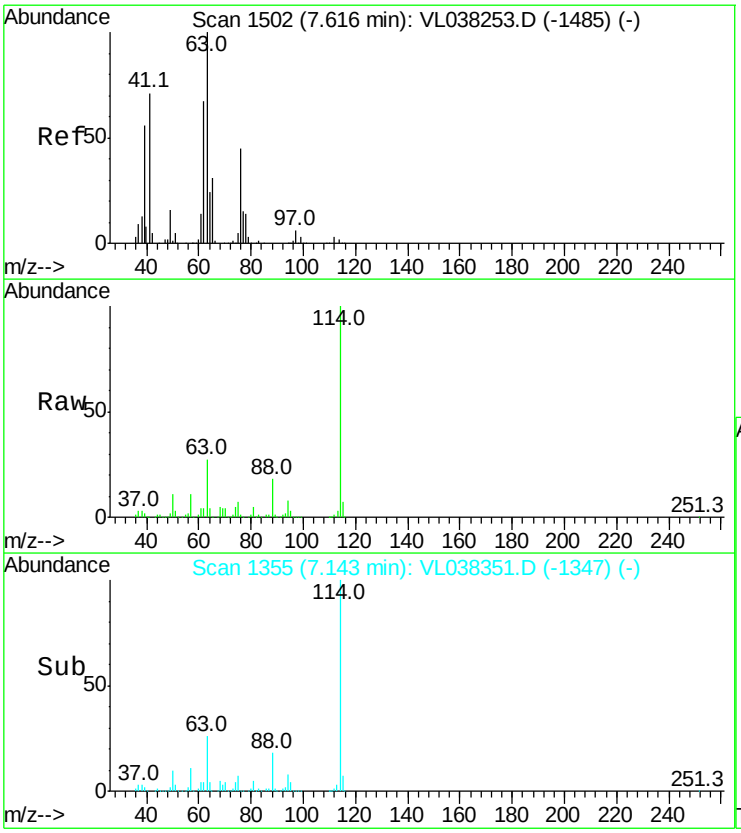
#36
Benzene
Concen: 0.31 ppbv
RT: 6.86
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 78 Resp: 57794

Ion	Ratio	Lower	Upper
78	100		
77	19.0	18.2	27.2
50	19.7	15.1	22.7

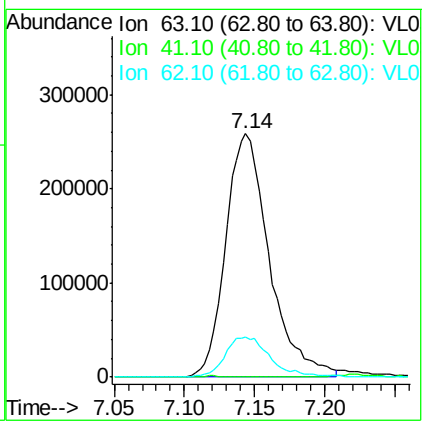


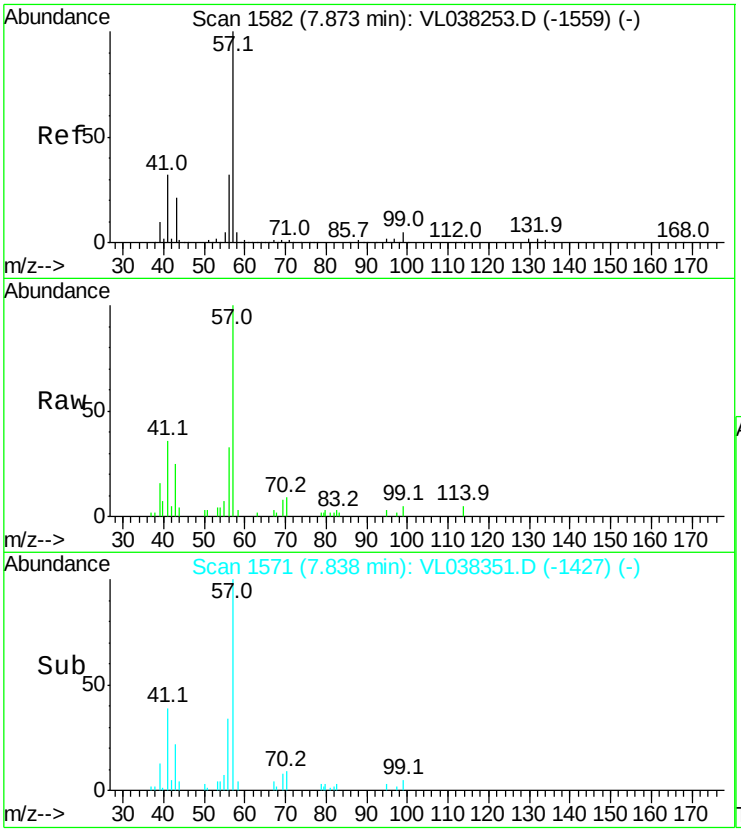


#39
1,2-Dichloropropane
Concen: 7.46 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.47 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 63 Resp: 558598

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	16.1	53.9	80.9#



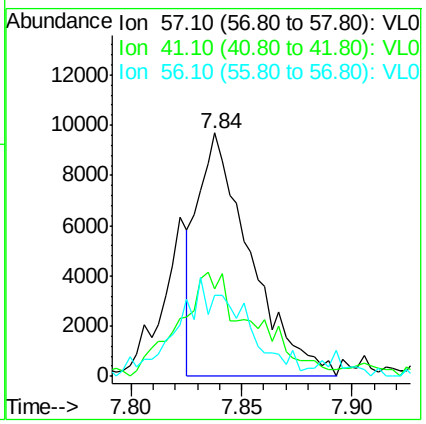


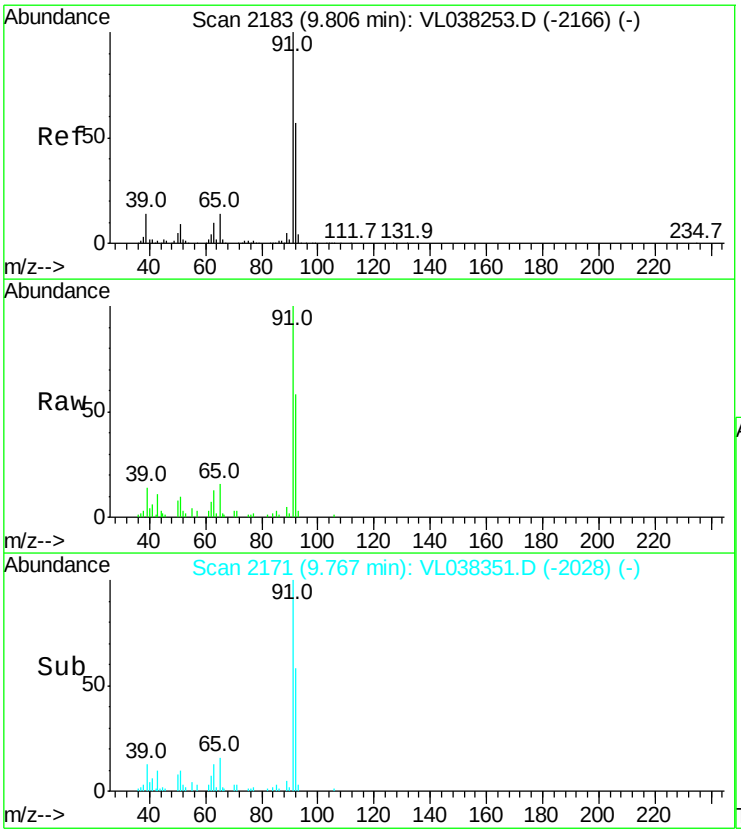
#44
2,2,4-Trimethylpentane
Concen: 0.05 ppbv
RT: 7.84
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 57 Resp: 16090

Ion	Ratio	Lower	Upper
57	100		
41	64.0	26.3	39.5#
56	57.6	25.2	37.8#

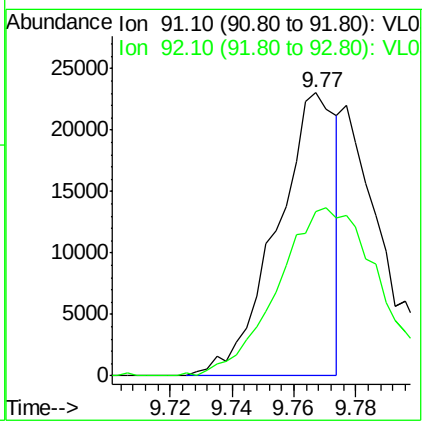


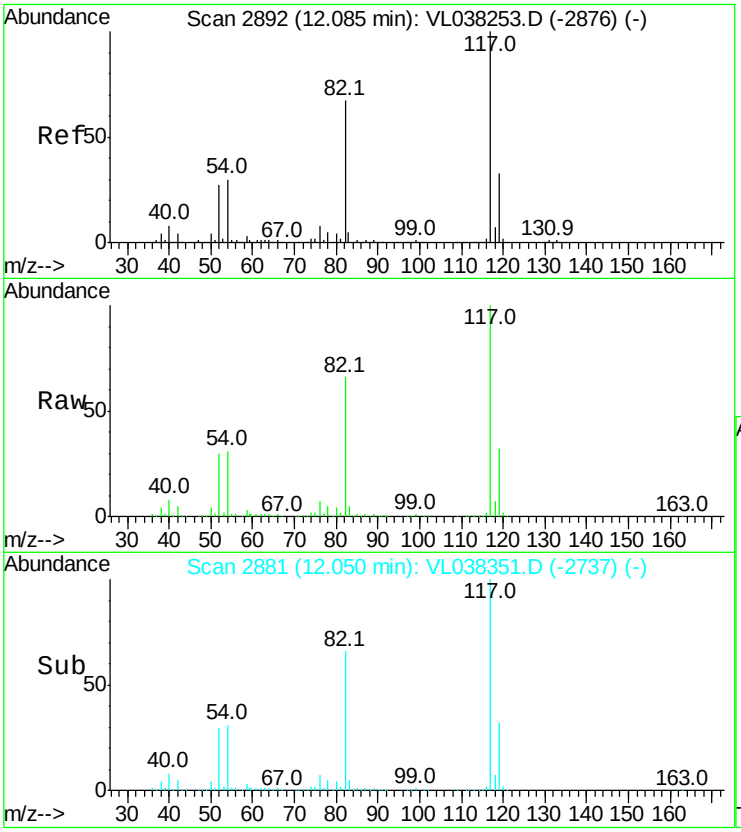


#53
Toluene
Concen: 0.15 ppbv
RT: 9.77 min Scan# 2171
Delta R.T. -0.04 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 91 Resp: 30627

Ion	Ratio	Lower	Upper
91	100		
92	107.3	47.4	71.0#



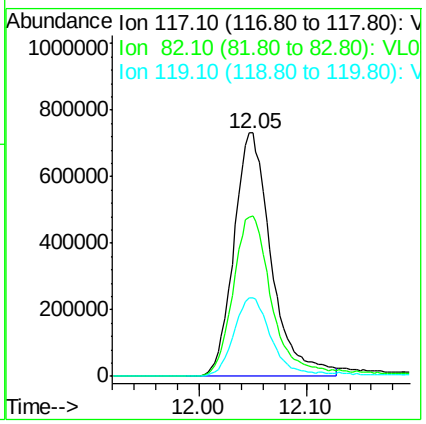


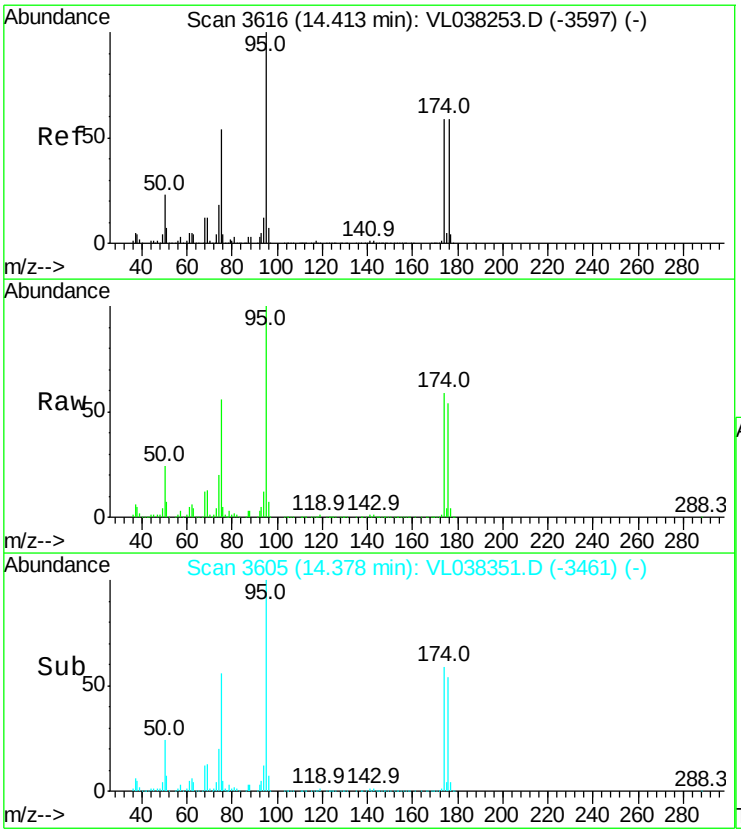
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 14 Feb 2022 22:05

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:117 Resp: 1771249

Ion	Ratio	Lower	Upper
117	100		
82	72.5	54.4	81.6
119	34.4	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.98 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.04 min
Lab File: VL038351.D
Acq: 14 Feb 2022 22:05

Tgt Ion: 95 Resp: 1341692

Ion	Ratio	Lower	Upper
95	100		
174	63.8	48.3	72.5
175	4.4	3.5	5.3