Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012622\
Data File : VL038289.D
Acq On : 26 Jan 2022 15:26
Operator : SY/AP
Sample : N1268-03DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Quant Time: Jan 27 02:54:29 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	5.65	49	820823	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.15	114	2301517	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.05	117	1837287	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1381571	9.91	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.10%				
Target Compounds							Qvalue
9) Propene	3.34	41	4314	0.081	ppbv		87
10) Heptane	8.09	43	22873	0.167	ppbv		97
13) Ethanol	3.61	45	1411	0.247	ppbv	#	11
15) Acetone	3.86	43	42788	0.591	ppbv	#	77
20) Methylene Chloride	4.33	84	3433	0.082	ppbv	#	65
23) Vinyl Acetate	5.04	43	3825	0.036	ppbv	#	7
25) Ethyl Acetate	5.67	43	46426	0.229	ppbv	#	78
26) Hexane	5.67	57	58993	0.626	ppbv	#	39
34) 2-Butanone	5.26	43	2610	0.035	ppbv	#	81
39) 1,2-Dichloropropane	7.15	63	581522	7.046	ppbv	#	26
51) 2-Hexanone	10.08	43	3409	0.058	ppbv	#	31

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

Quantitation Report (Not Reviewed)

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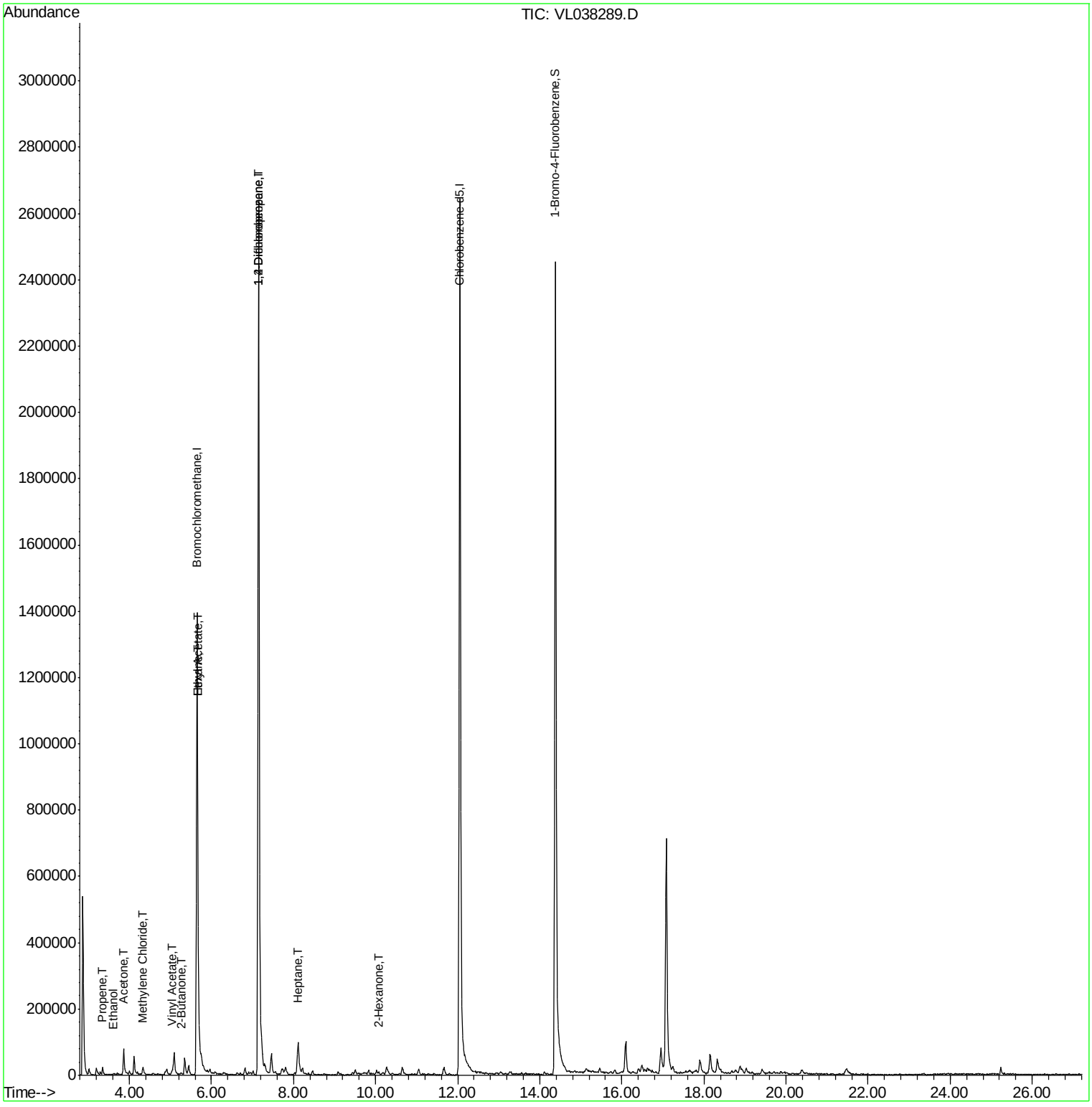
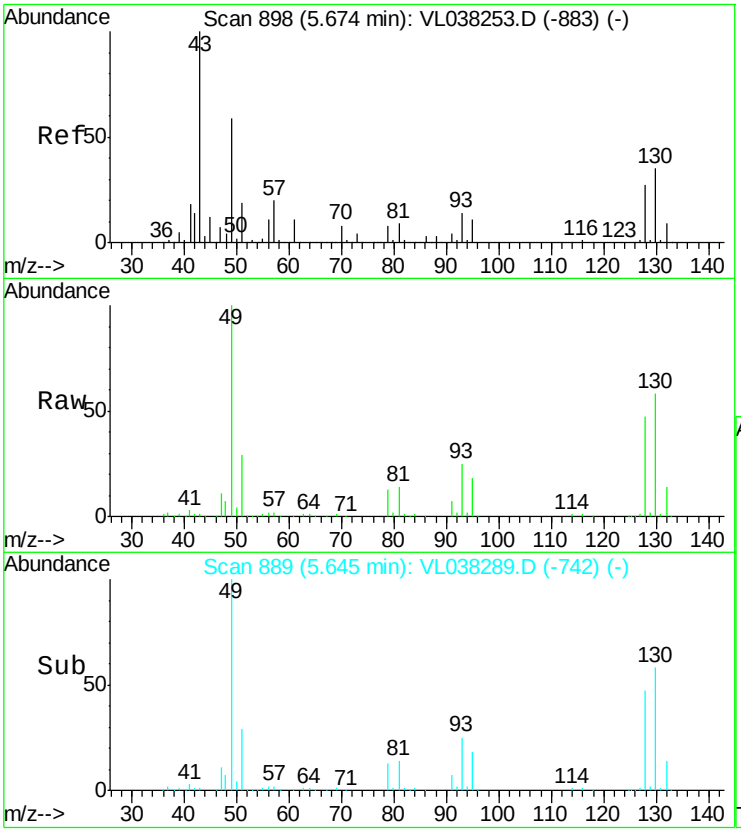


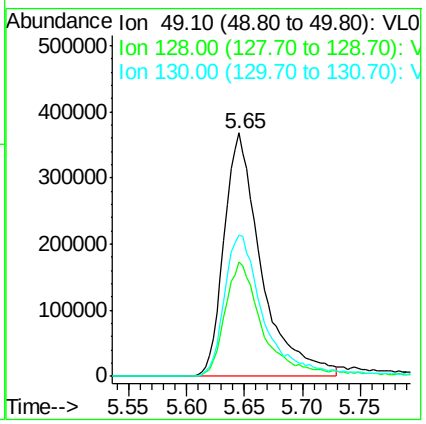


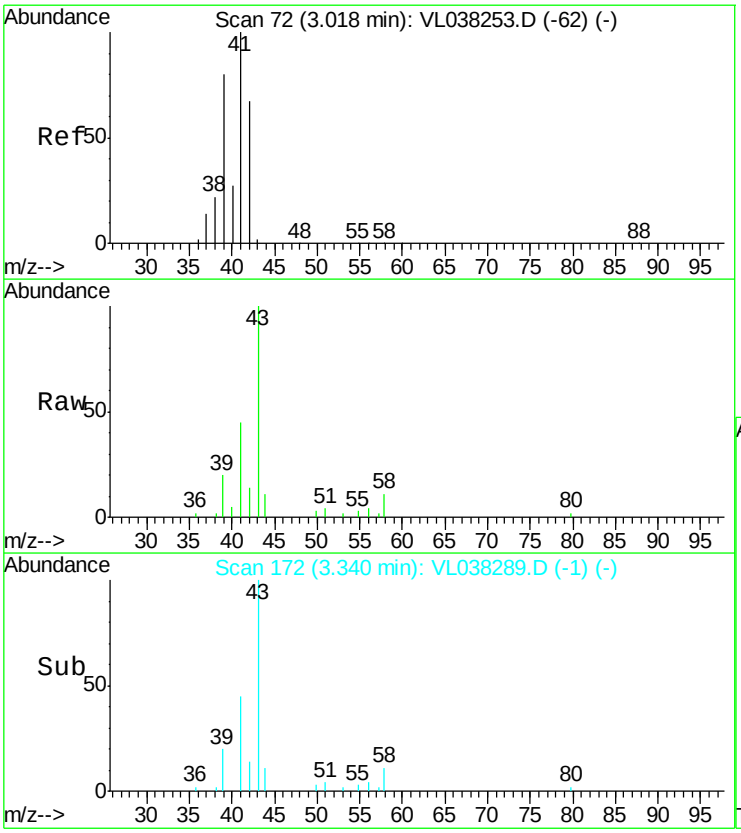
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 26 Jan 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 49 Resp: 820823

Ion	Ratio	Lower	Upper
49	100		
128	48.7	24.5	73.5
130	63.2	30.1	90.5

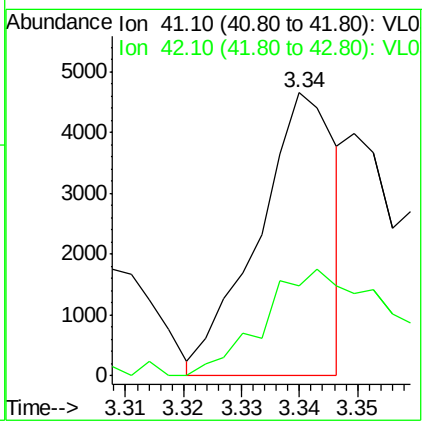


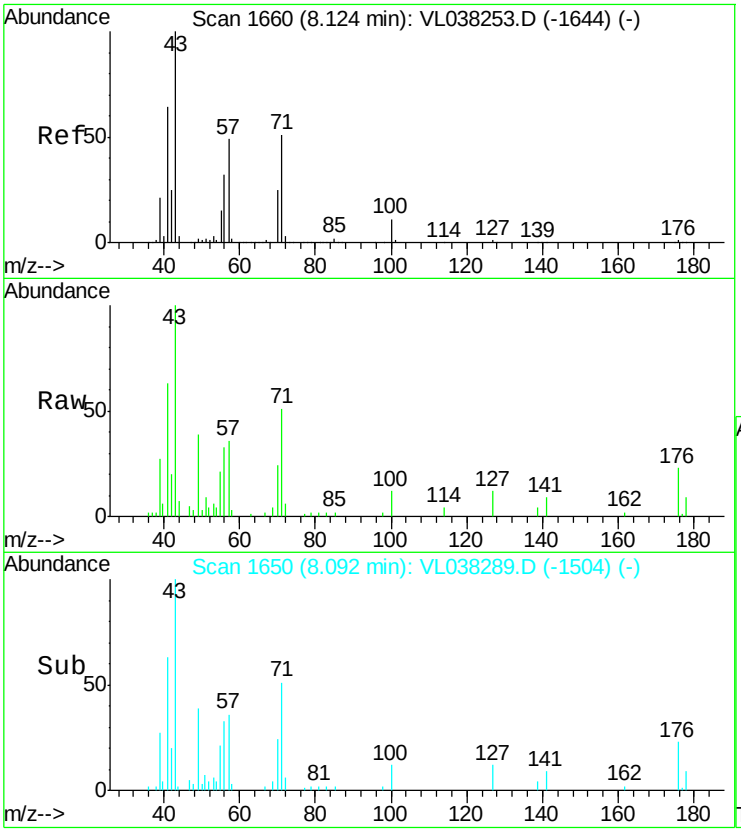


#9
Propene
Concen: 0.081 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.32 min
Lab File: VL038289.D
Acq: 26 Jan 2022 15:26

Tgt Ion: 41 Resp: 4314

Ion	Ratio	Lower	Upper
41	100		
42	79.1	54.9	82.3



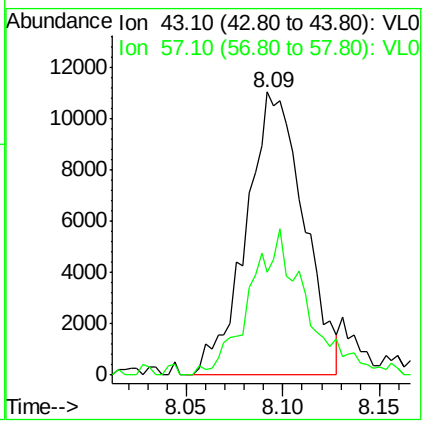


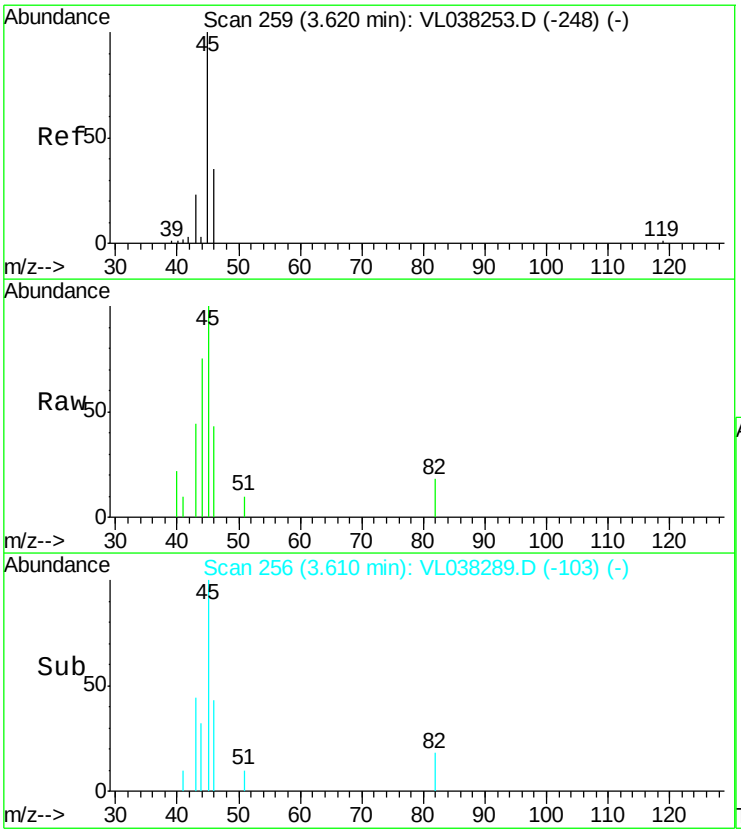
#10
Heptane
Concen: 0.167 ppbv
RT: 8.09
Delta R.T
Lab File:
Acq: 26 Jan 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 43 Resp: 22873

Ion	Ratio	Lower	Upper
43	100		
57	51.2	39.5	59.3

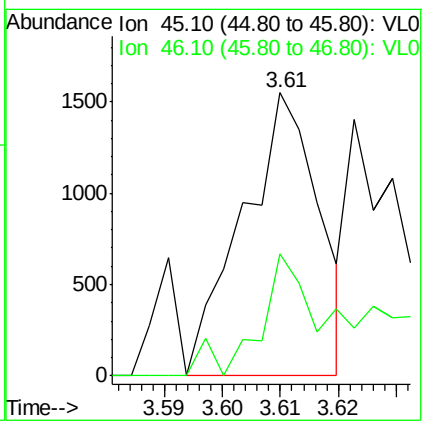


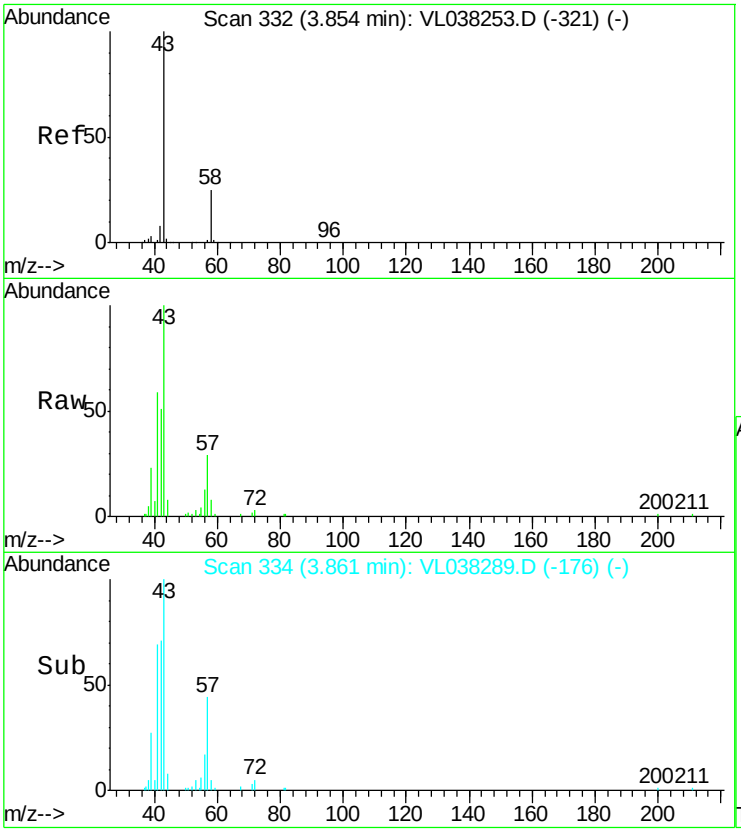


#13
Ethanol
Concen: 0.247 ppbv
RT: 3.61 min Scan# 256
Delta R.T. -0.01 min
Lab File: VL038289.D
Acq: 26 Jan 2022 15:26

Tgt Ion: 45 Resp: 1411

Ion	Ratio	Lower	Upper
45	100		
46	92.5	15.4	61.6#



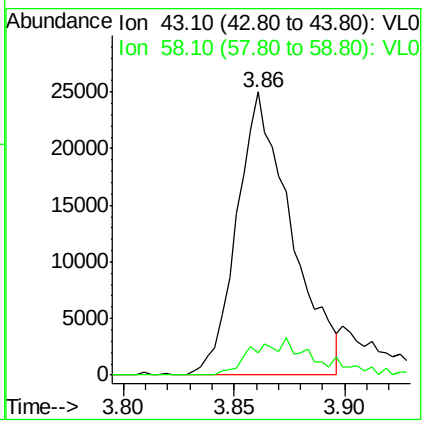


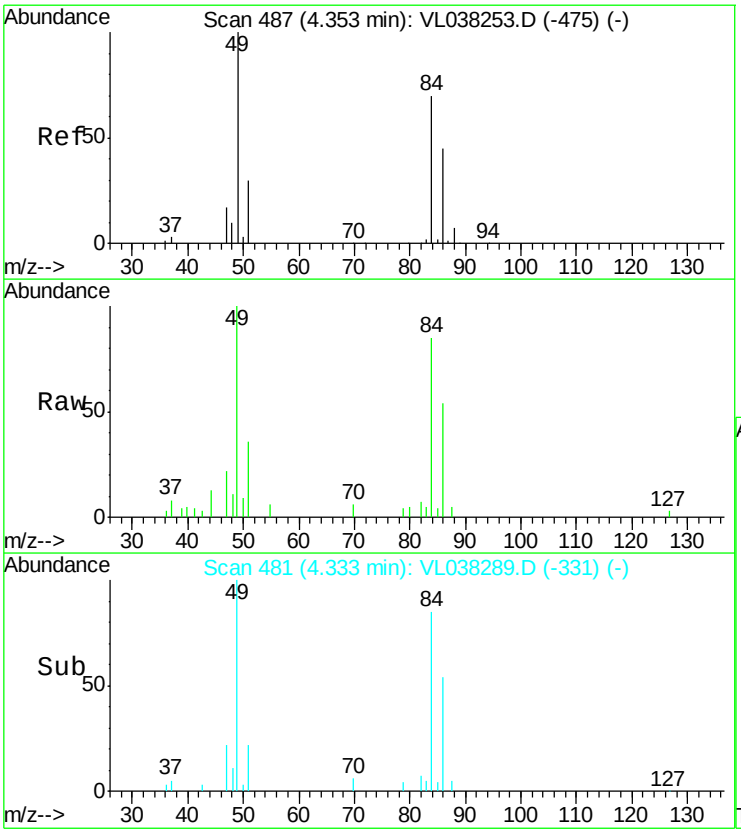
#15
Acetone
Concen: 0.591 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 26 Jan 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 43 Resp: 42788

Ion	Ratio	Lower	Upper
43	100		
58	15.2	21.5	32.3#

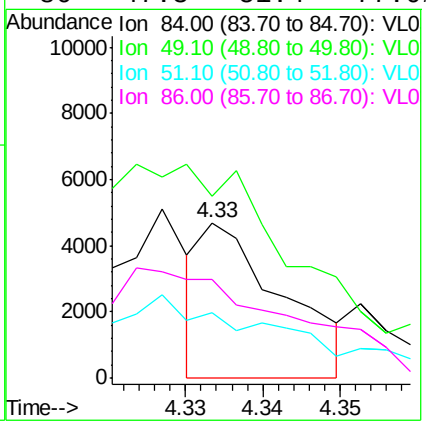


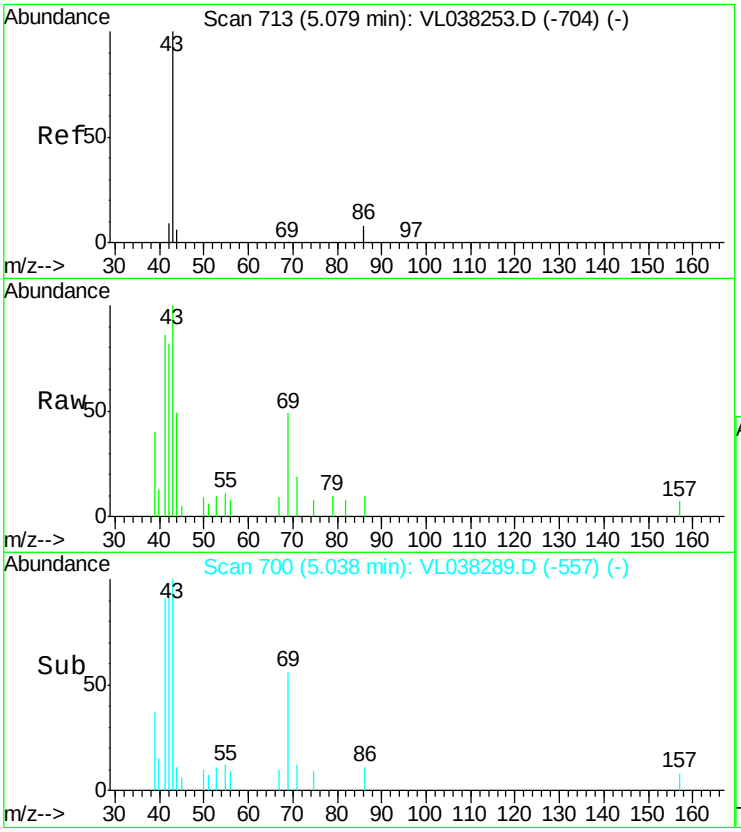


#20
Methylene Chloride
Concen: 0.082 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL038289.D
Acq: 26 Jan 2022 15:26

Tgt Ion: 84 Resp: 3433

Ion	Ratio	Lower	Upper
84	100		
49	80.3	115.0	172.6#
51	43.0	35.0	52.6
86	47.3	51.4	77.0#



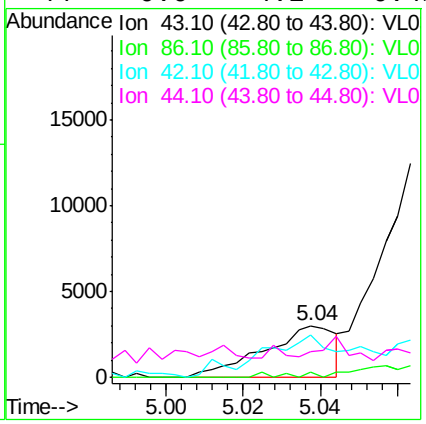


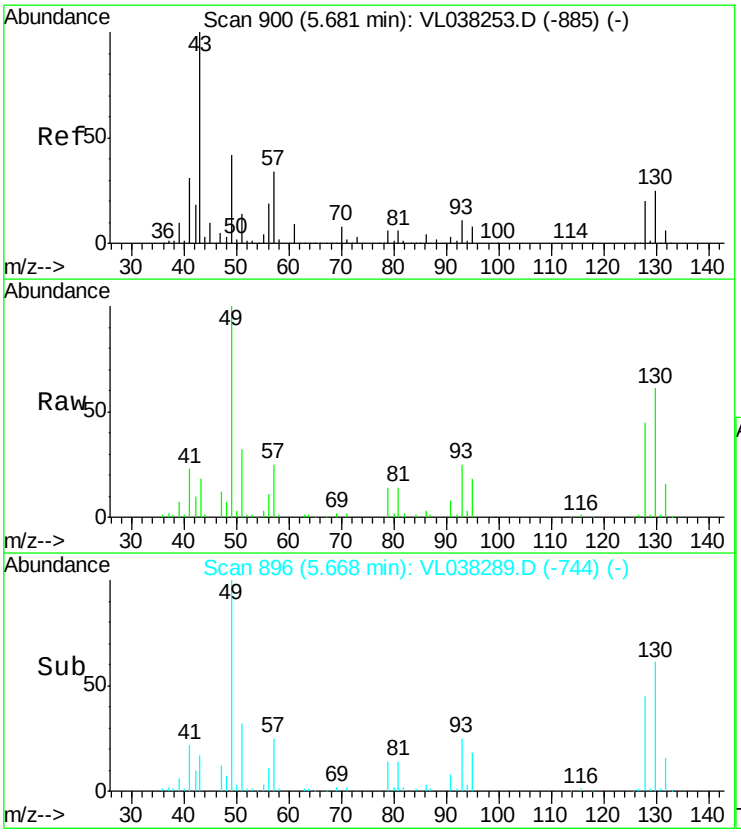
#23
Vinyl Acetate
Concen: 0.036 ppbv
RT: 5.04
Delta R.T
Lab File:
Acq: 26 Jan 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 43 Resp: 3825

Ion	Ratio	Lower	Upper
43	100		
86	10.0	5.7	8.5#
42	82.4	7.7	11.5#
44	0.0	4.2	6.4#

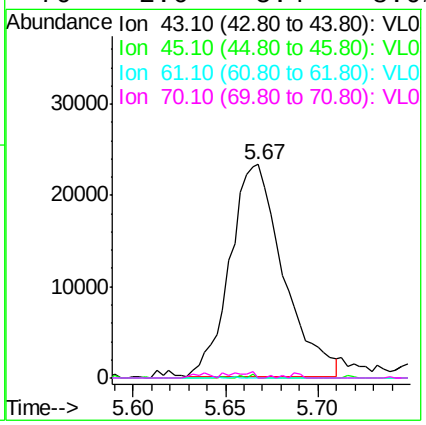


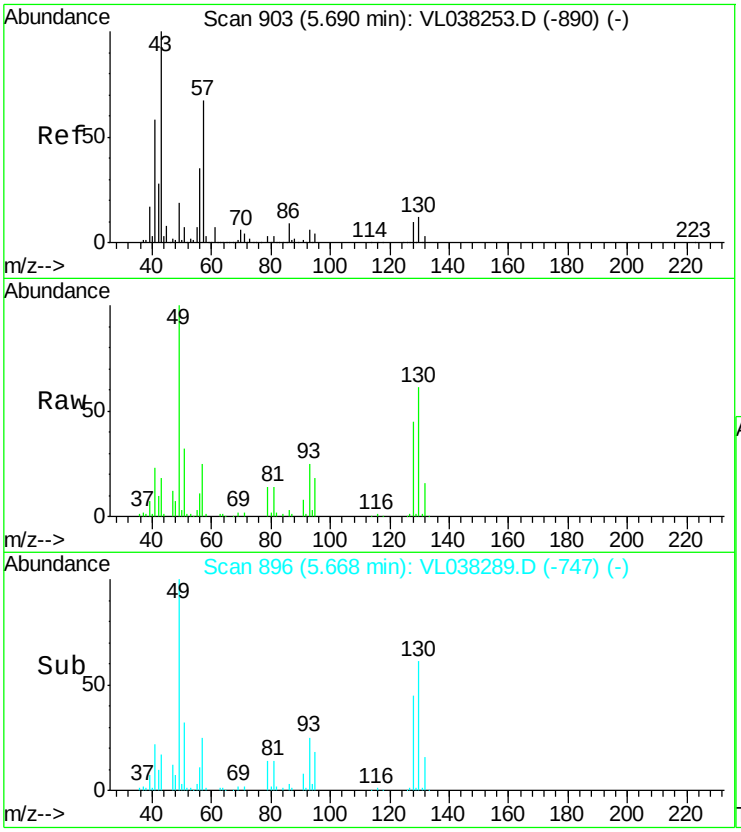


#25
Ethyl Acetate
Concen: 0.229 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL038289.D
Acq: 26 Jan 2022 15:26

Tgt Ion: 43 Resp: 46426

Ion	Ratio	Lower	Upper
43	100		
45	0.4	7.9	11.9#
61	0.1	7.8	11.8#
70	2.6	5.4	8.0#



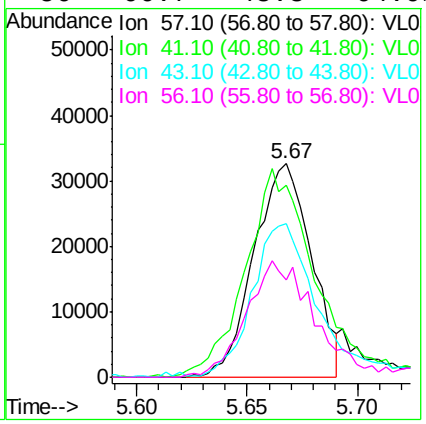


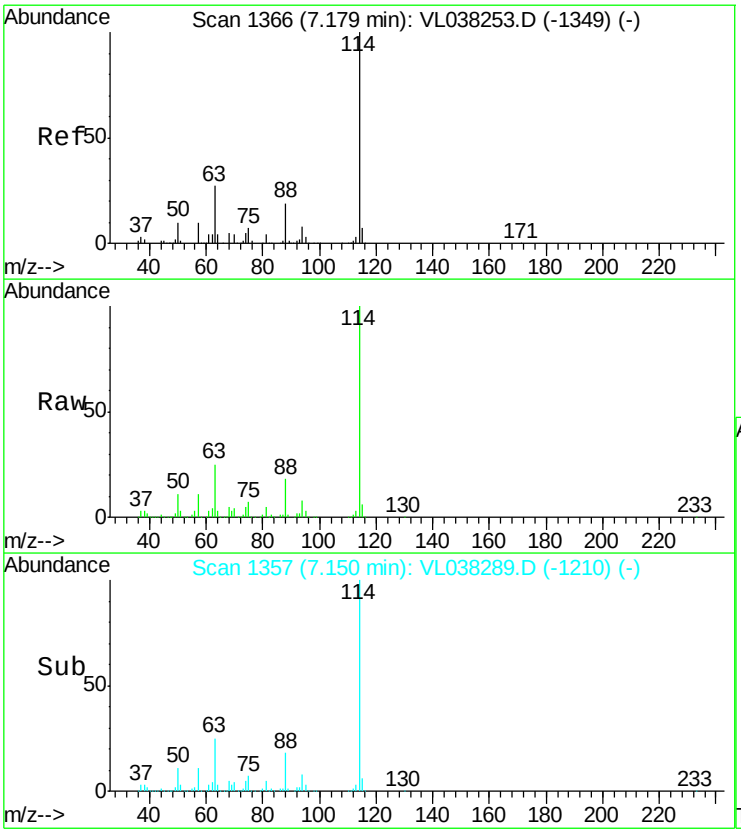
#26
Hexane
Concen: 0.626 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 26 Jan 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 57 Resp: 58993

Ion	Ratio	Lower	Upper
57	100		
41	118.7	72.8	109.2#
43	84.8	177.0	265.6#
56	66.7	43.3	64.9#

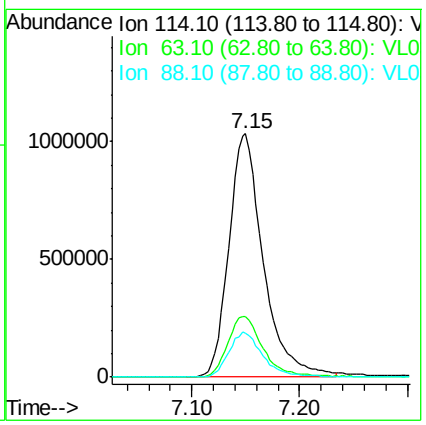


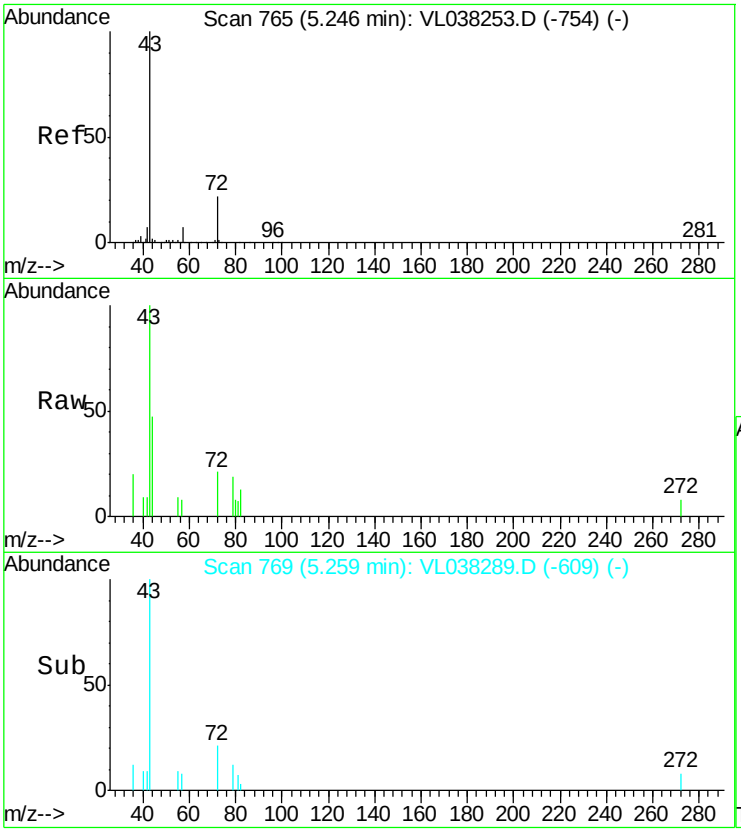


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL038289.D
Acq: 26 Jan 2022 15:26

Tgt Ion:114 Resp: 2301517

Ion	Ratio	Lower	Upper
114	100		
63	26.0	22.0	33.0
88	18.9	15.0	22.6



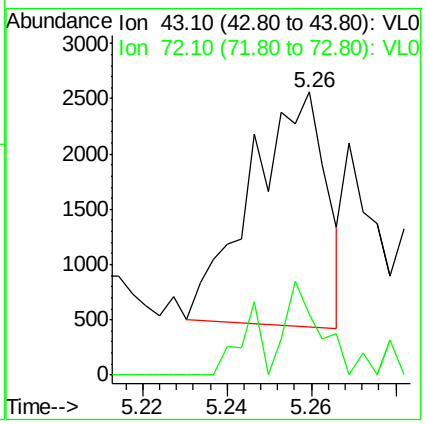


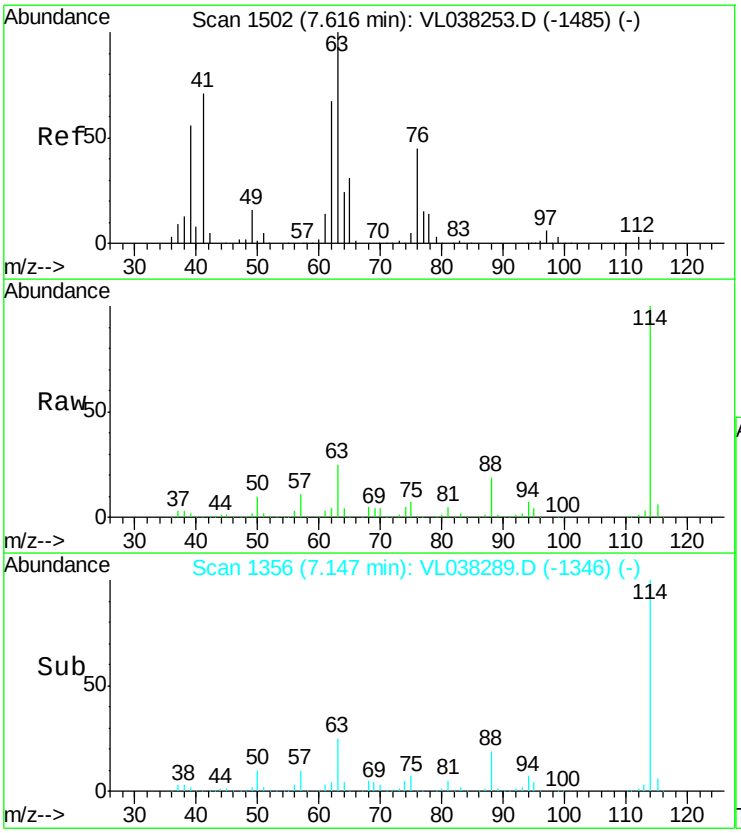
#34
2-Butanone
Concen: 0.035 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 26 Jan 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 43 Resp: 2610

Ion	Ratio	Lower	Upper
43	100		
72	31.8	18.1	27.1#

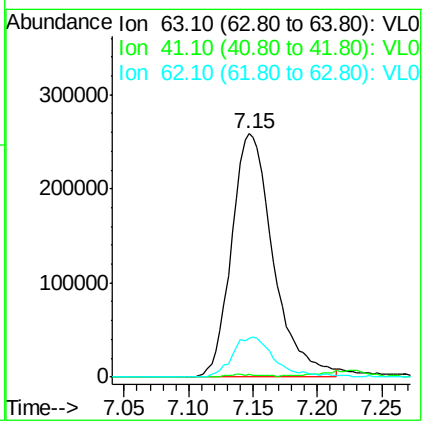


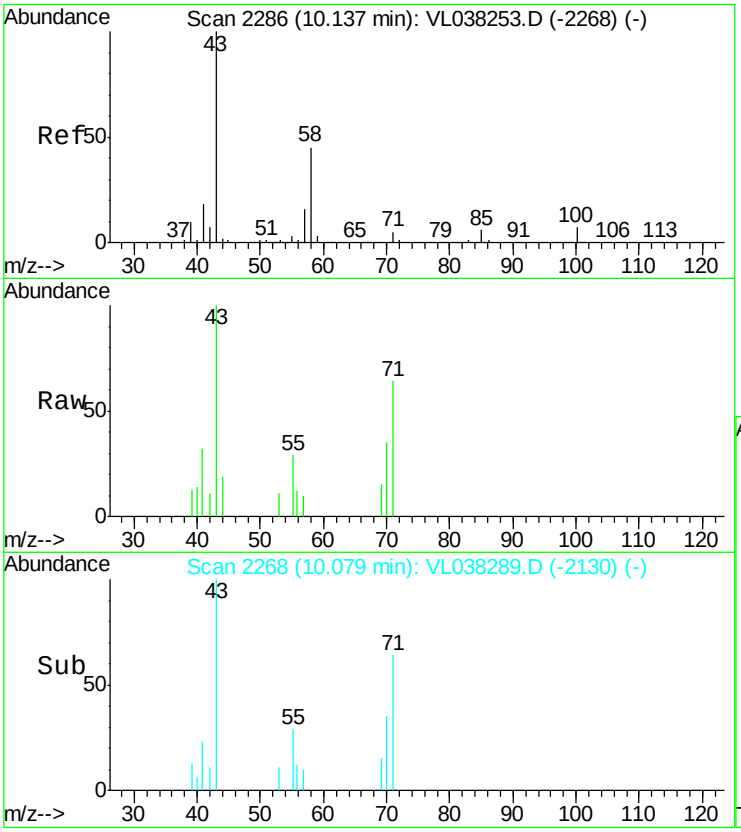


#39
1,2-Dichloropropane
Concen: 7.046 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.47 min
Lab File: VL038289.D
Acq: 26 Jan 2022 15:26

Tgt Ion: 63 Resp: 581522

Ion	Ratio	Lower	Upper
63	100		
41	1.0	56.6	85.0#
62	16.0	53.9	80.9#



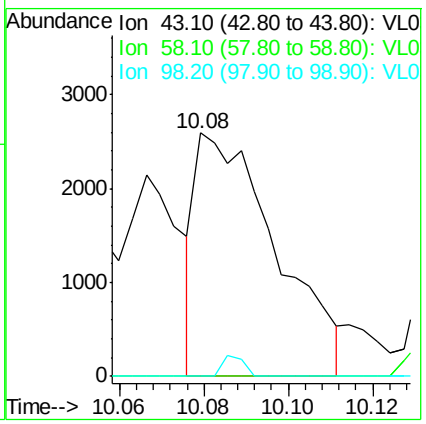


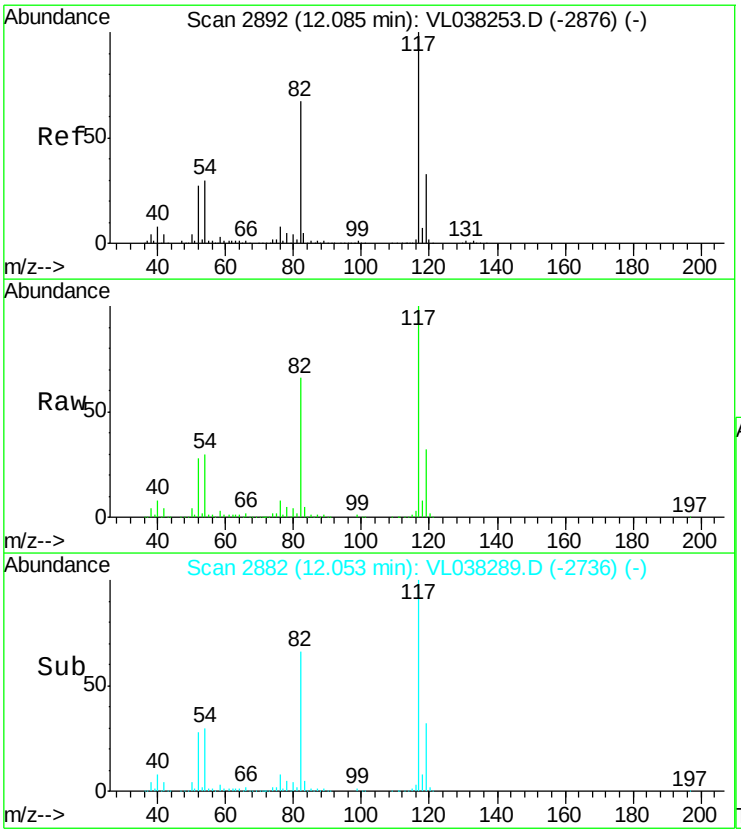
#51
2-Hexanone
Concen: 0.058 ppbv
RT: 10.08
Delta R.T
Lab File:
Acq: 26 Jan 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 43 Resp: 3409

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.0	55.4#
98	2.3	0.2	0.2#

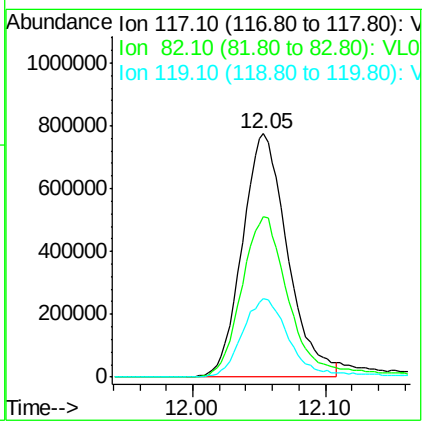


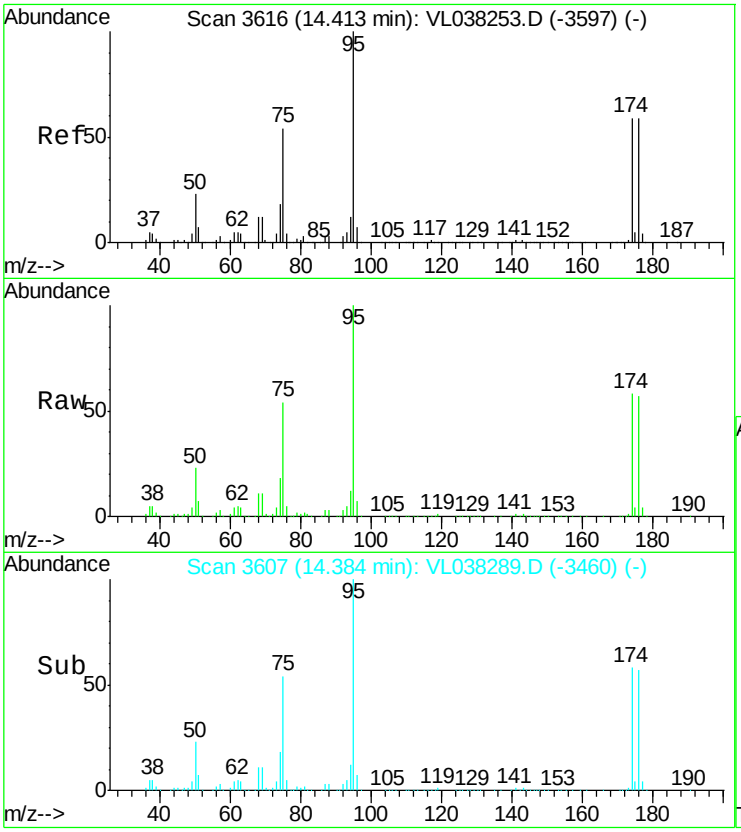


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.03 min
Lab File: VL038289.D
Acq: 26 Jan 2022 15:26

Tgt Ion:117 Resp: 1837287

Ion	Ratio	Lower	Upper
117	100		
82	73.8	54.4	81.6
119	34.6	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.907 ppbv
RT: 14.38
Delta R.T
Lab File:
Acq: 26 Jan 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 95 Resp: 1381571

Ion	Ratio	Lower	Upper
95	100		
174	63.2	48.3	72.5
175	4.6	3.5	5.3