Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038585.D
Acq On : 9 Mar 2022 20:55
Operator : SY/AP
Sample : N1702-03DL2 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Quant Time: Mar 10 00:35:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	847435	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2056892	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	1846371	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1344807	9.58	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.80%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.96	51	14060	0.09	ppbv	#	62
9) Propene	3.02	41	7015	0.13	ppbv		96
10) Heptane	8.12	43	9792	0.08	ppbv	#	79
13) Ethanol	3.61	45	11094	1.83	ppbv	#	34
15) Acetone	3.85	43	555538	9.29	ppbv		98
19) Isopropyl Alcohol	4.00	45	12634	0.32	ppbv	#	92
20) Methylene Chloride	4.35	84	40922	1.14	ppbv		95
25) Ethyl Acetate	5.68	43	209581	1.04	ppbv	#	77
26) Hexane	5.69	57	294231	3.11	ppbv	#	43
34) 2-Butanone	5.37	43	17767	0.33	ppbv	#	60
39) 1,2-Dichloropropane	7.17	63	487375	6.83	ppbv	#	27
41) Tetrahydrofuran	6.32	42	15186	0.35	ppbv	#	37
53) Toluene	9.80	91	431069	2.18	ppbv		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038585.D
Acq On : 9 Mar 2022 20:55
Operator : SY/AP
Sample : N1702-03DL2 20X
Misc : 400mL/MSVOA_L
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Instrument :
MSVOA_L
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Quant Time: Mar 10 00:35:26 2022
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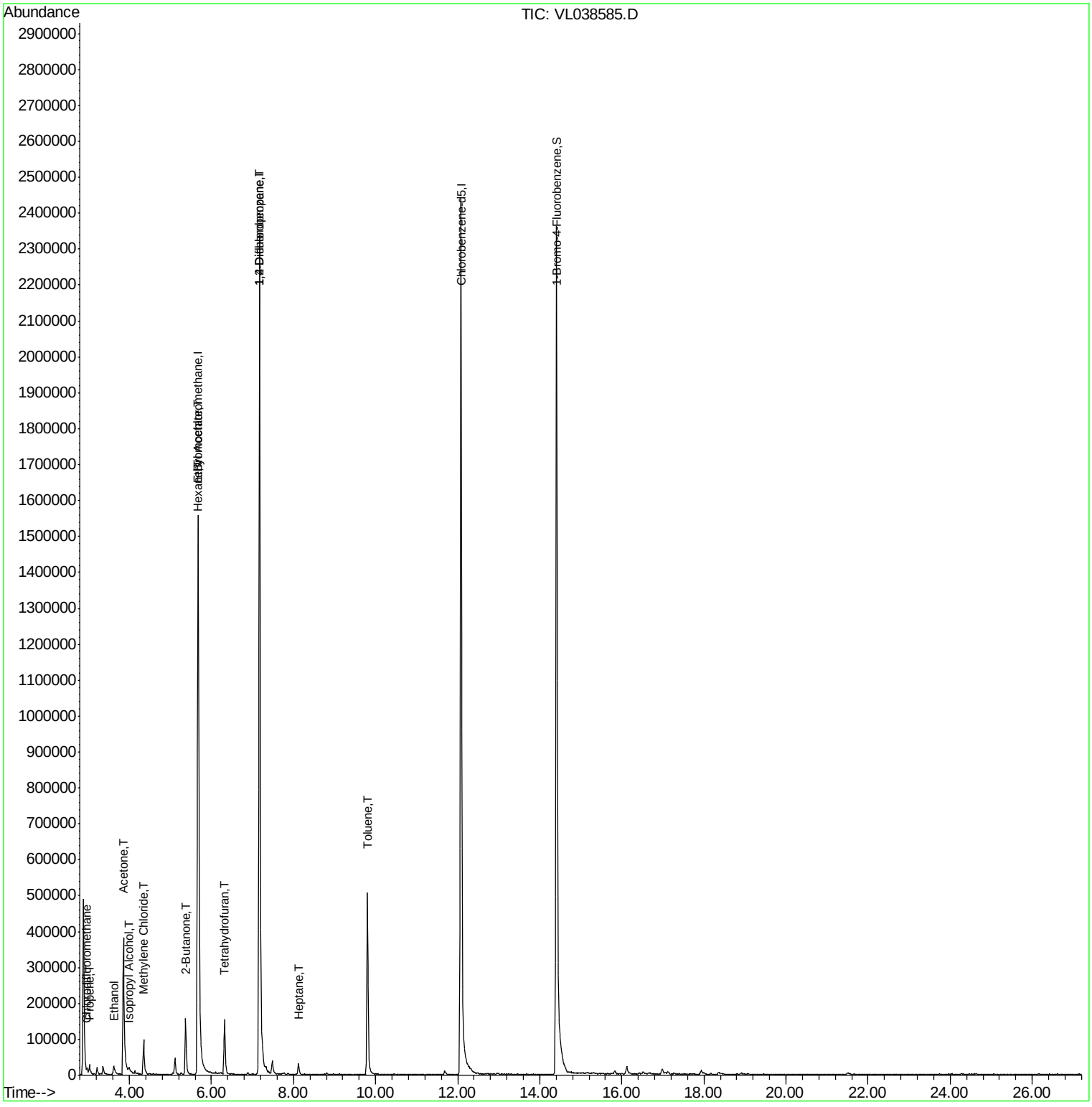
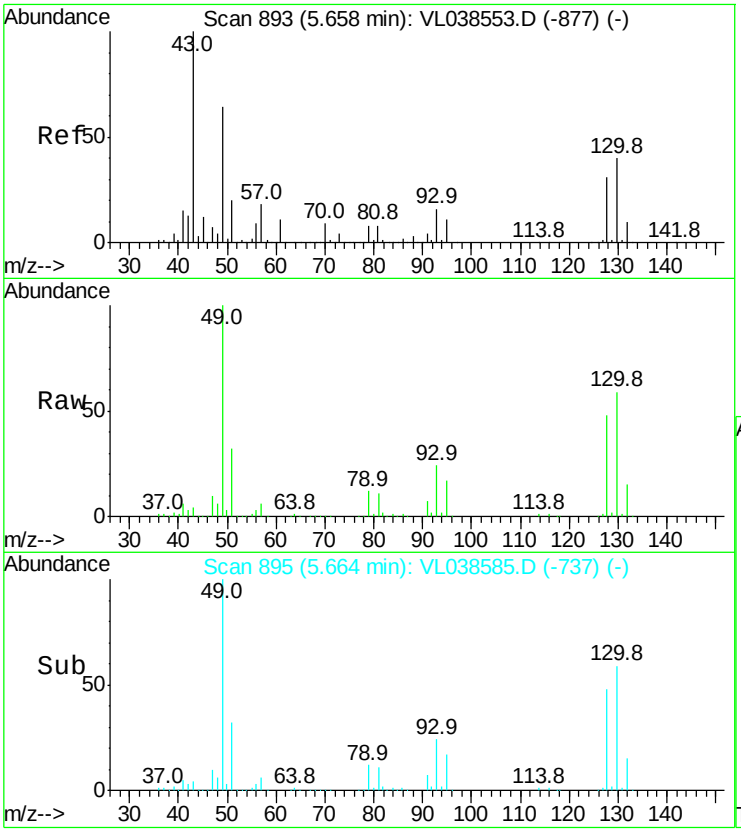
Response via : Initial Calibration



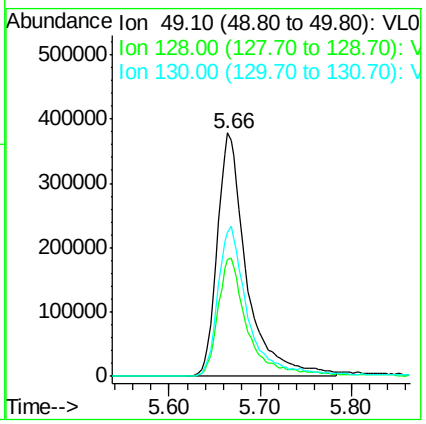


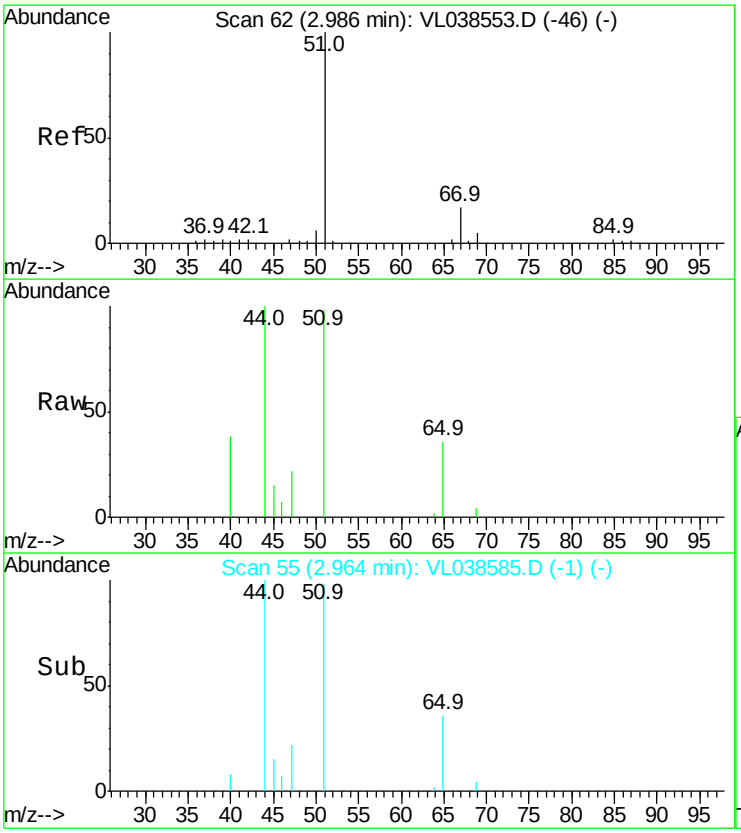
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion: 49 Resp: 847435

Ion	Ratio	Lower	Upper
49	100		
128	50.7	26.4	79.2
130	64.7	33.0	98.9

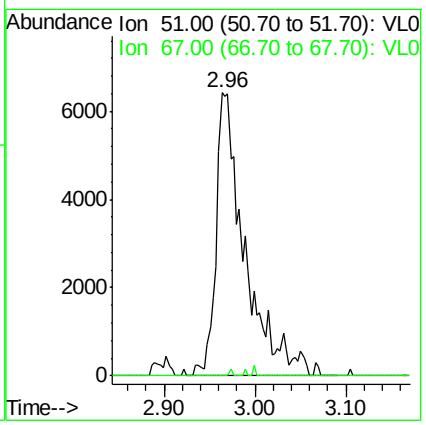


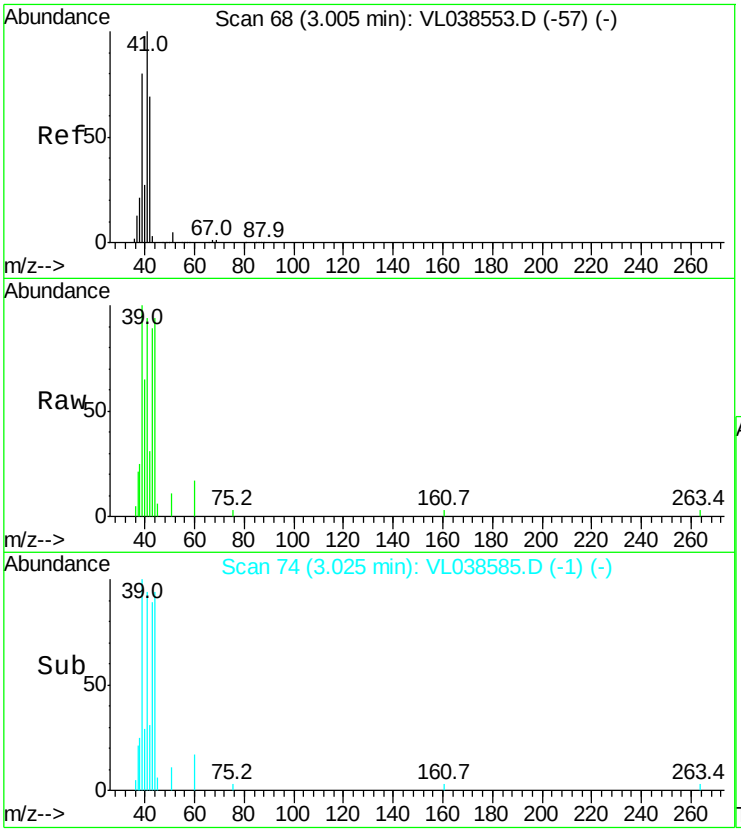


#3
Chlorodifluoromethane
Concen: 0.09 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.02 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 51 Resp: 14060

Ion	Ratio	Lower	Upper
51	100		
67	0.4	13.6	20.4#



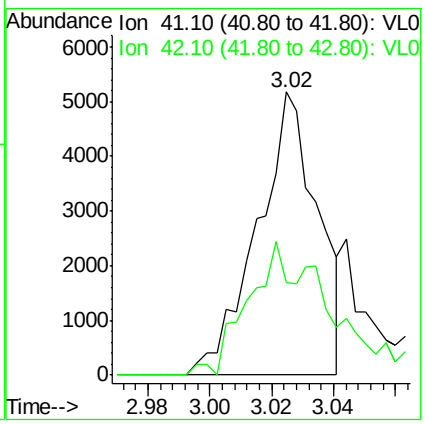


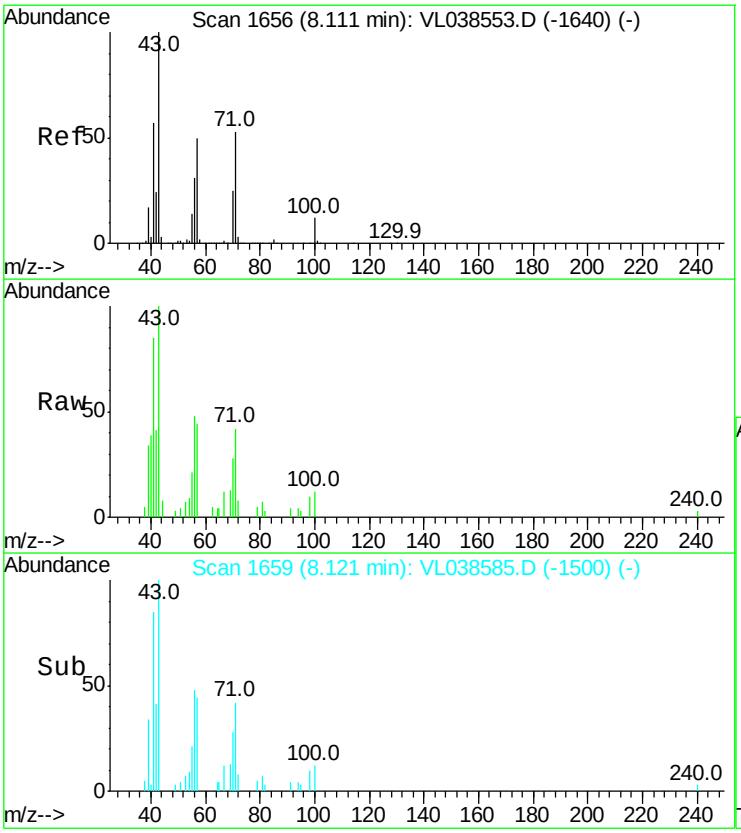
#9
Propene
Concen: 0.13 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion: 41 Resp: 7015

Ion	Ratio	Lower	Upper
41	100		
42	66.1	55.7	83.5

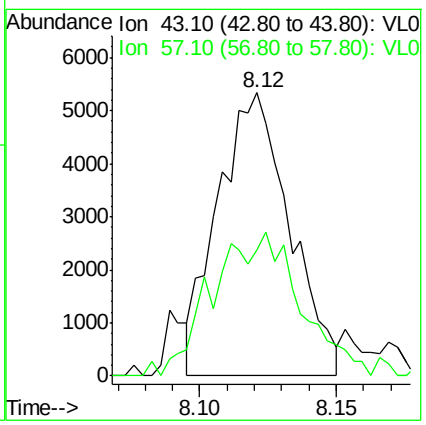


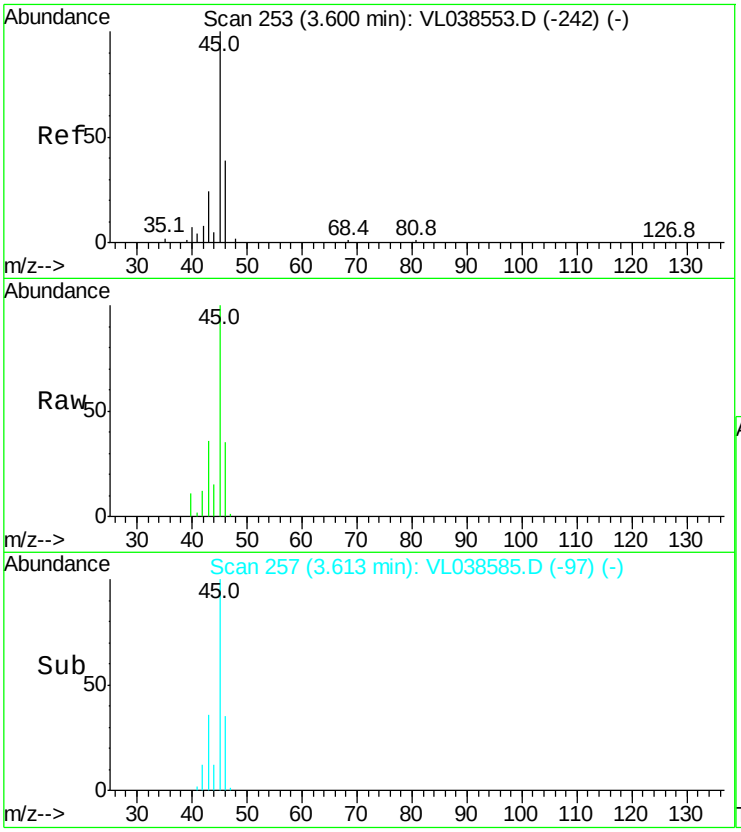


#10
Heptane
Concen: 0.08 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 43 Resp: 9792

Ion	Ratio	Lower	Upper
43	100		
57	63.7	39.6	59.4#



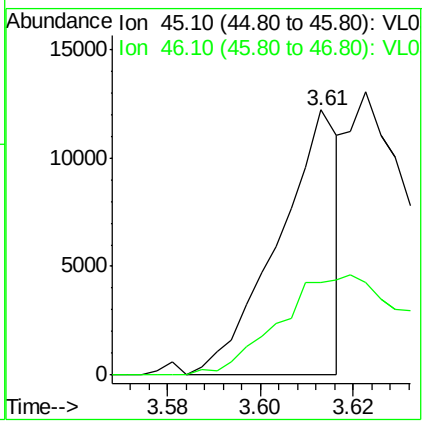


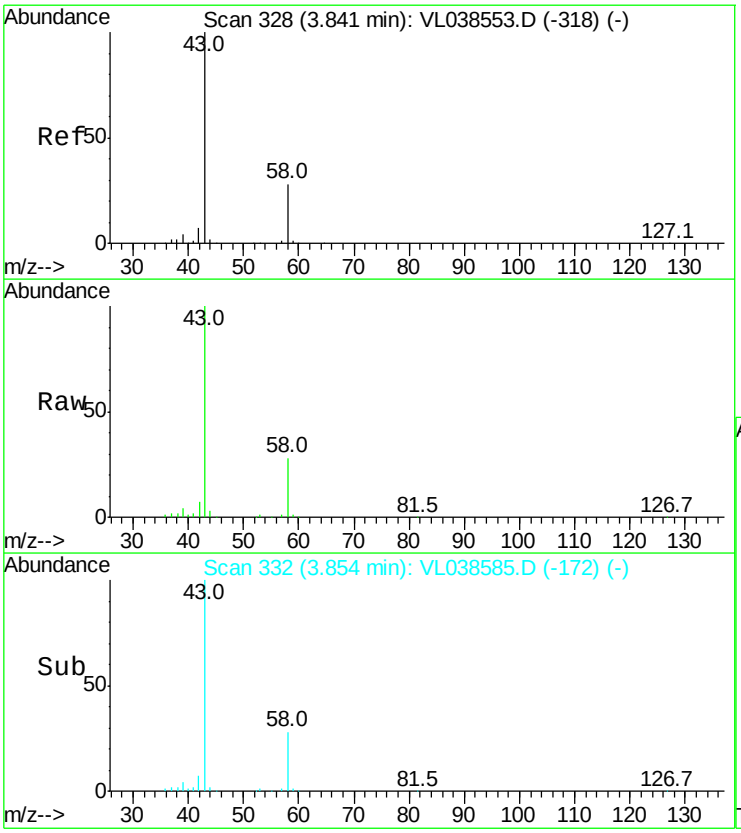
#13
Ethanol
Concen: 1.83 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion: 45 Resp: 11094

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.8	67.0#

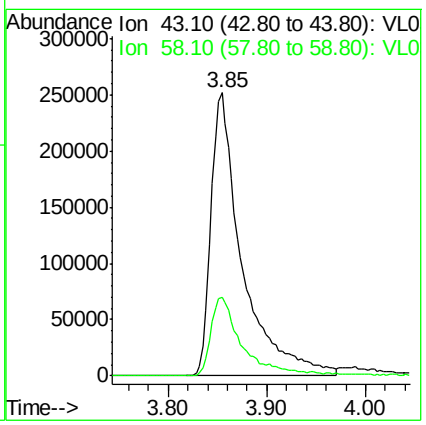


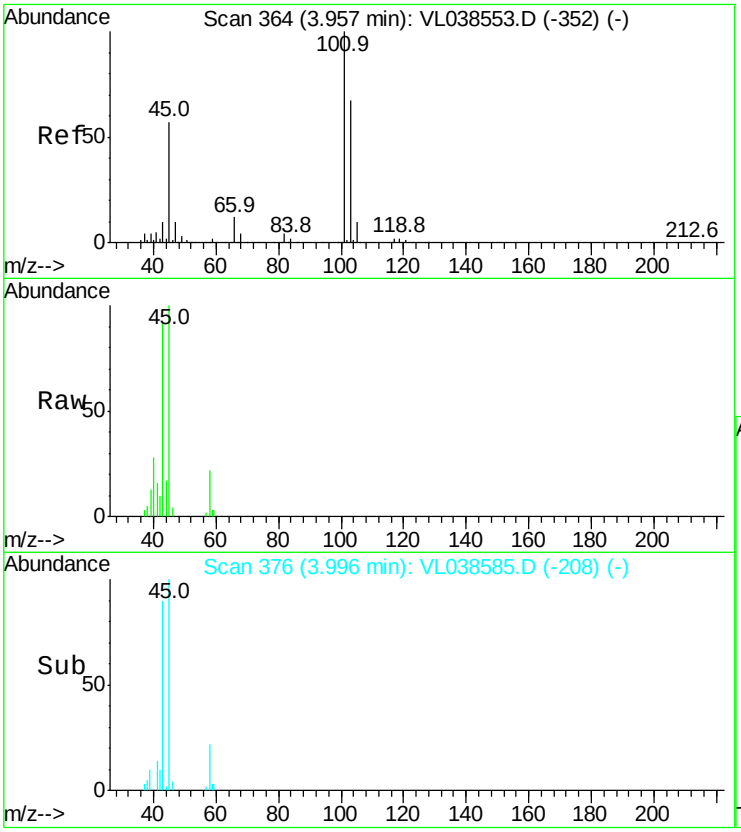


#15
Acetone
Concen: 9.29 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 43 Resp: 555538

Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.7	34.1



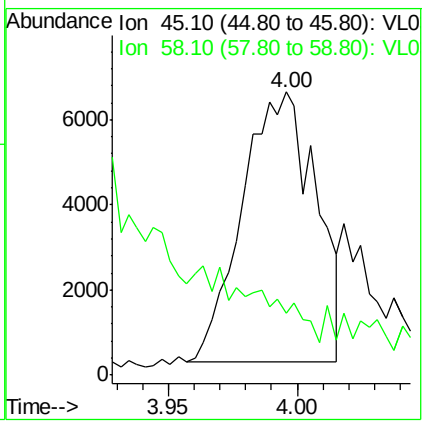


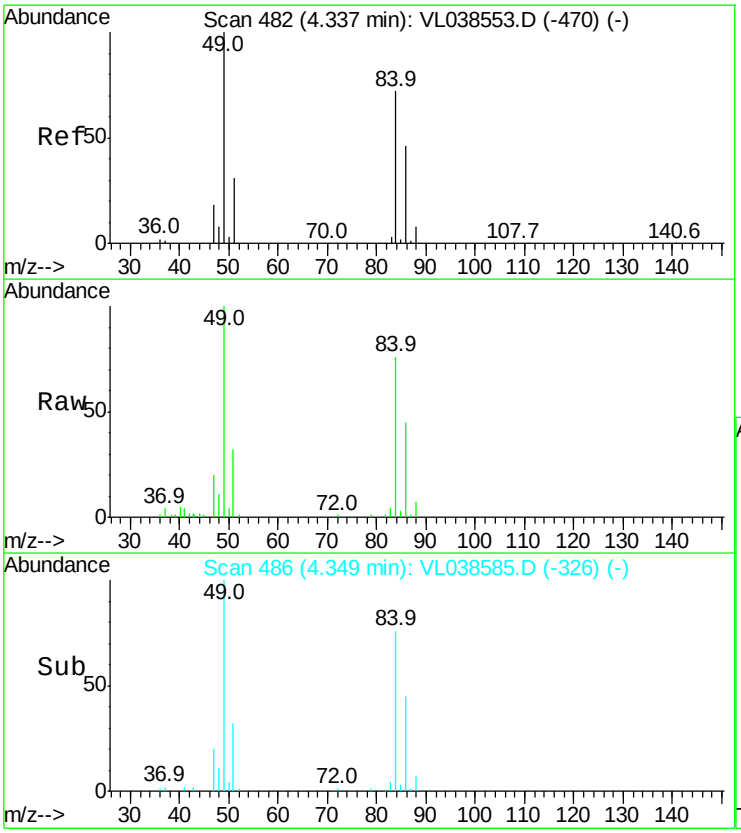
#19
Isopropyl Alcohol
Concen: 0.32 ppbv
RT: 4.00
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion: 45 Resp: 12634

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.2	3.2#

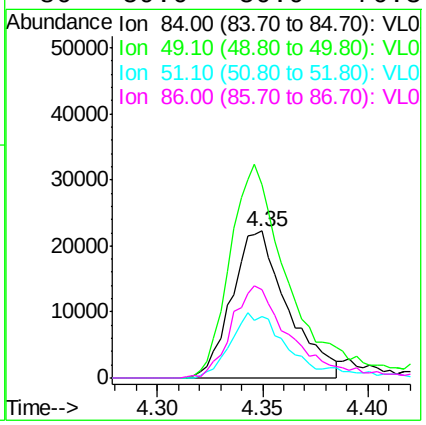


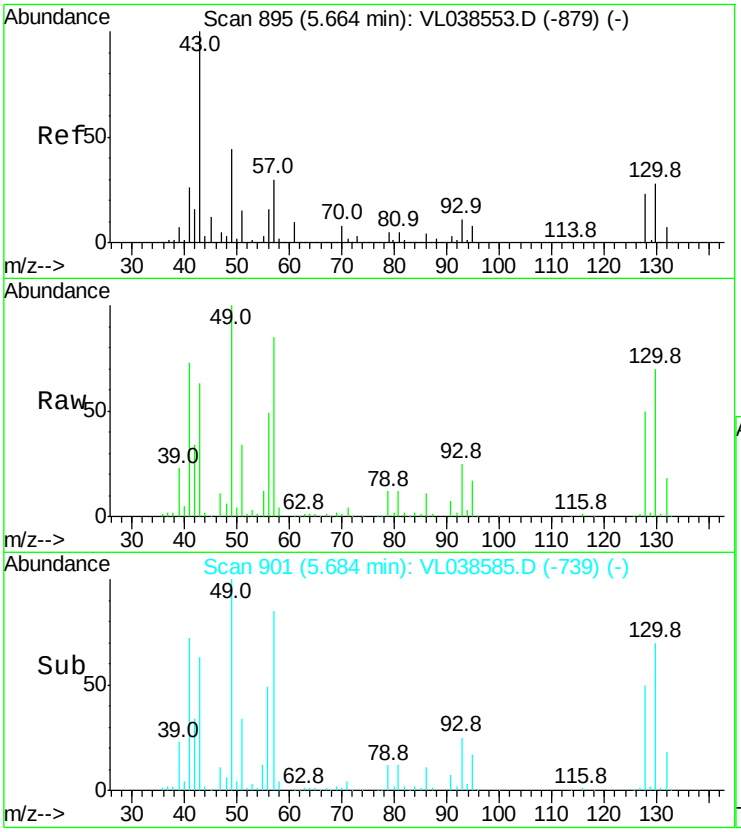


#20
Methylene Chloride
Concen: 1.14 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 84 Resp: 40922

Ion	Ratio	Lower	Upper
84	100		
49	131.7	111.1	166.7
51	42.1	34.0	51.0
86	59.0	50.9	76.3



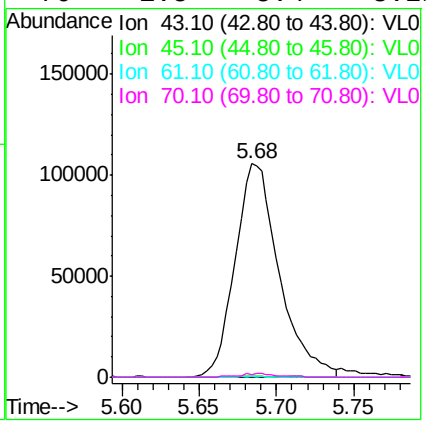


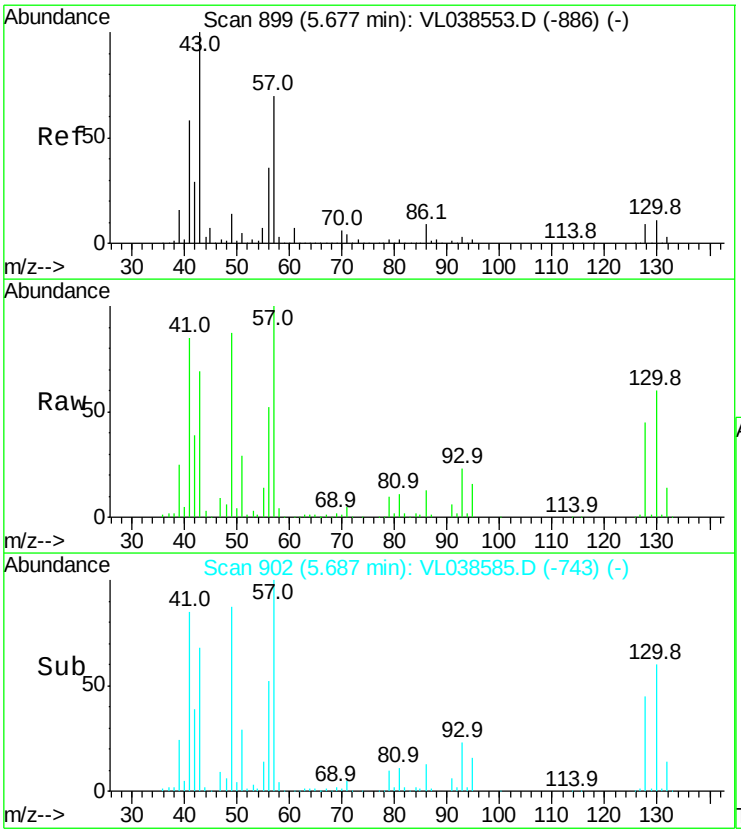
#25
Ethyl Acetate
Concen: 1.04 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion: 43 Resp: 209581

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.0	12.0#
61	0.3	8.2	12.4#
70	1.5	5.4	8.2#

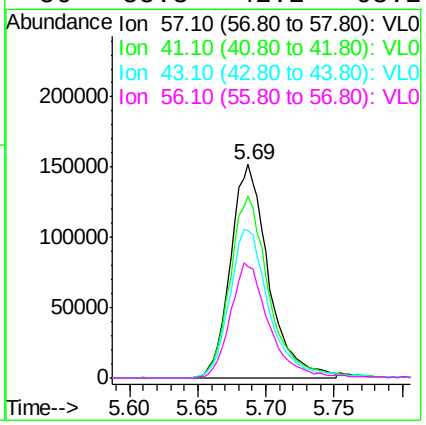


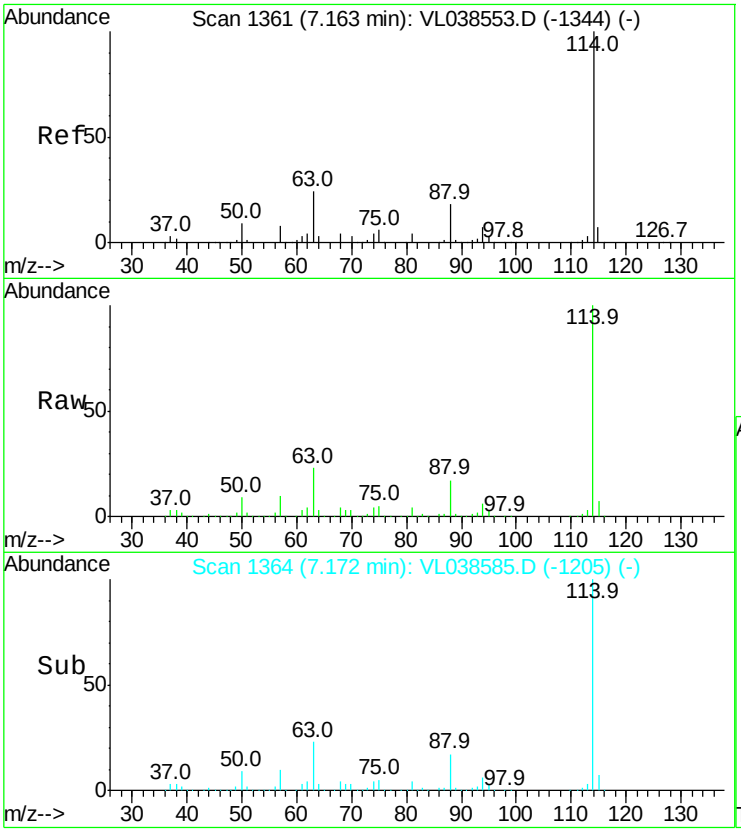


#26
Hexane
Concen: 3.11 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 57 Resp: 294231

Ion	Ratio	Lower	Upper
57	100		
41	88.8	67.8	101.6
43	73.8	173.6	260.4#
56	55.3	42.2	63.2



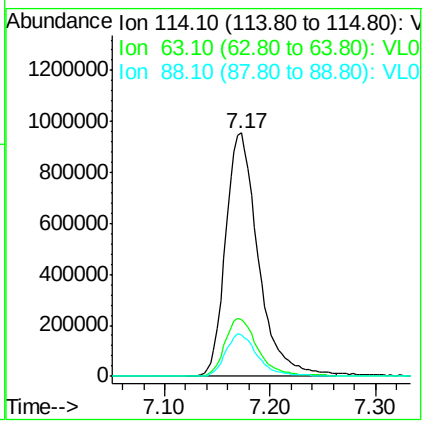


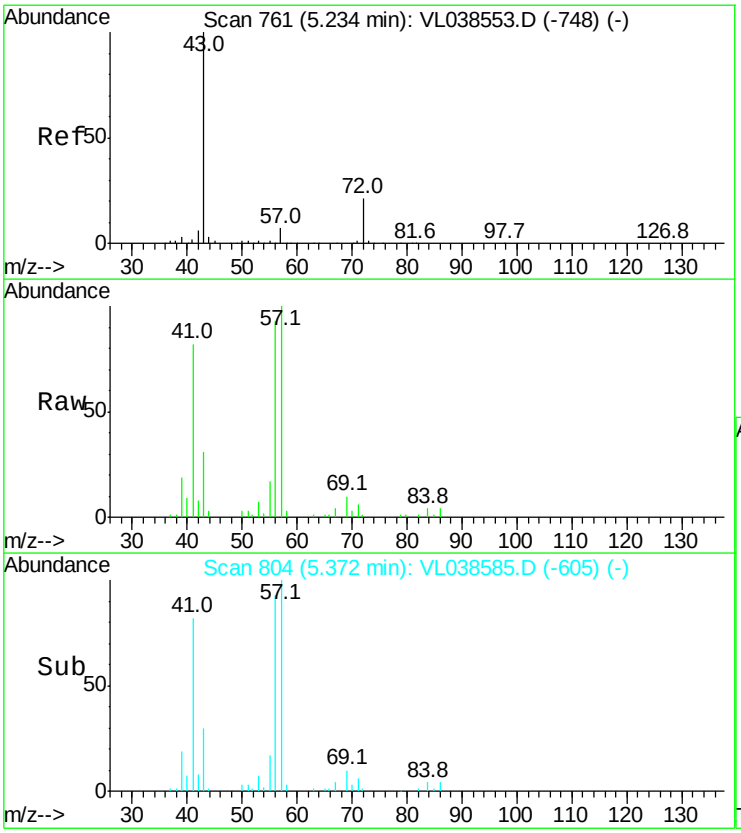
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion:114 Resp: 2056892

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.5	13.9	20.9

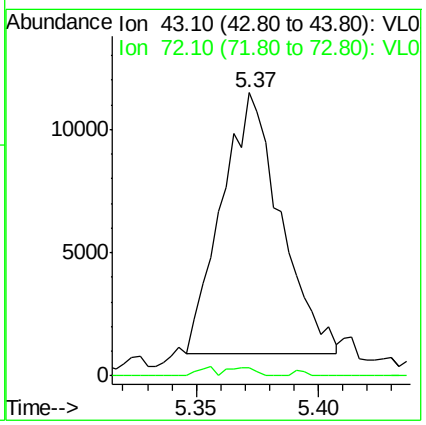


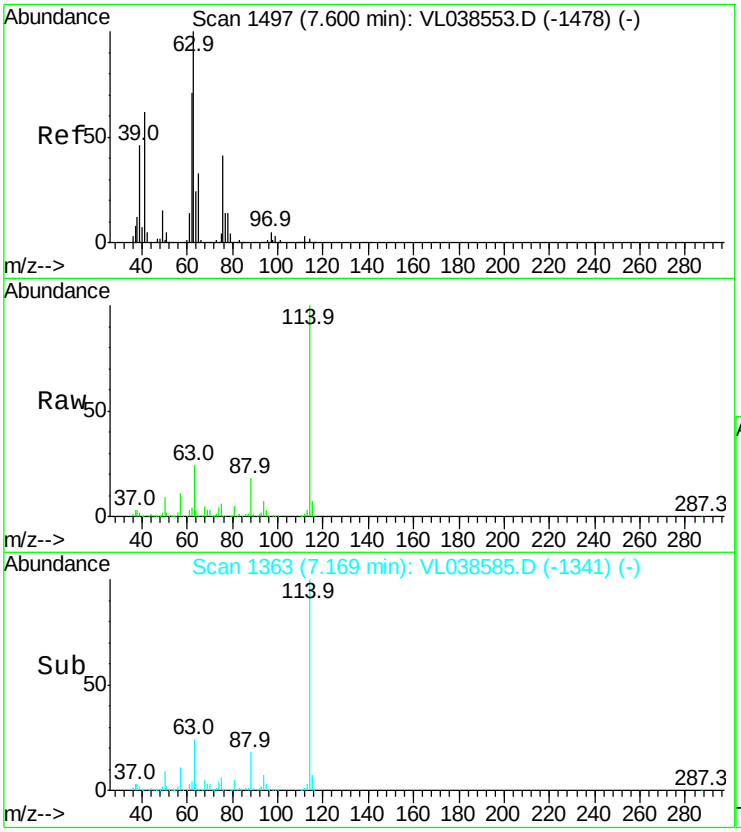


#34
2-Butanone
Concen: 0.33 ppbv
RT: 5.37 min Scan# 804
Delta R.T. 0.14 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 43 Resp: 17767

Ion	Ratio	Lower	Upper
43	100		
72	2.9	17.8	26.6#



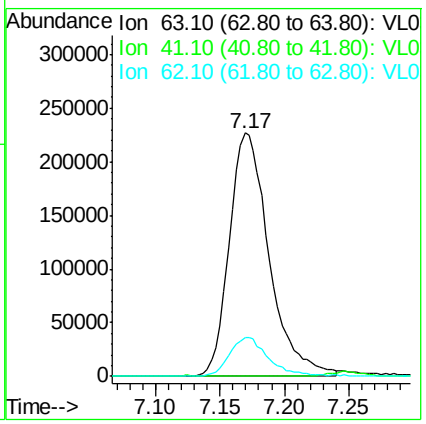


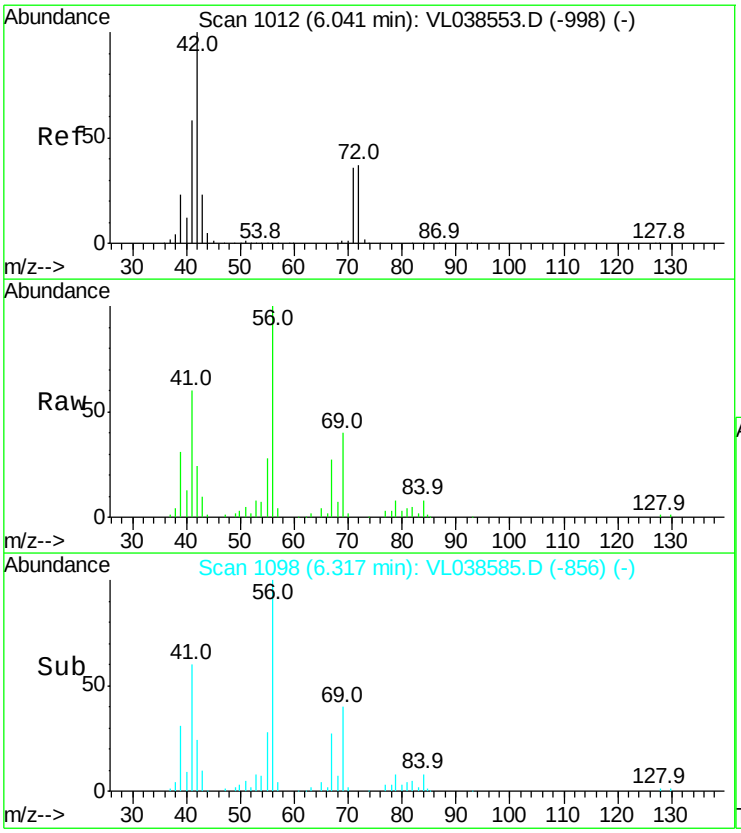
#39
1,2-Dichloropropane
Concen: 6.83 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion: 63 Resp: 487375

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	16.1	56.7	85.1#

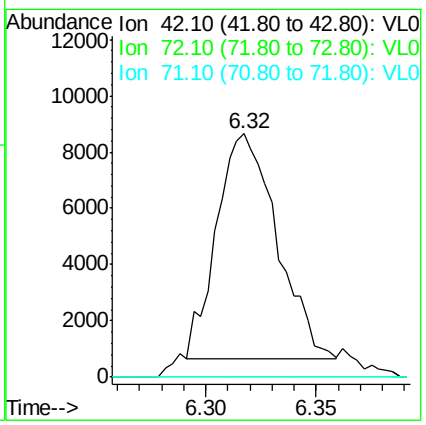


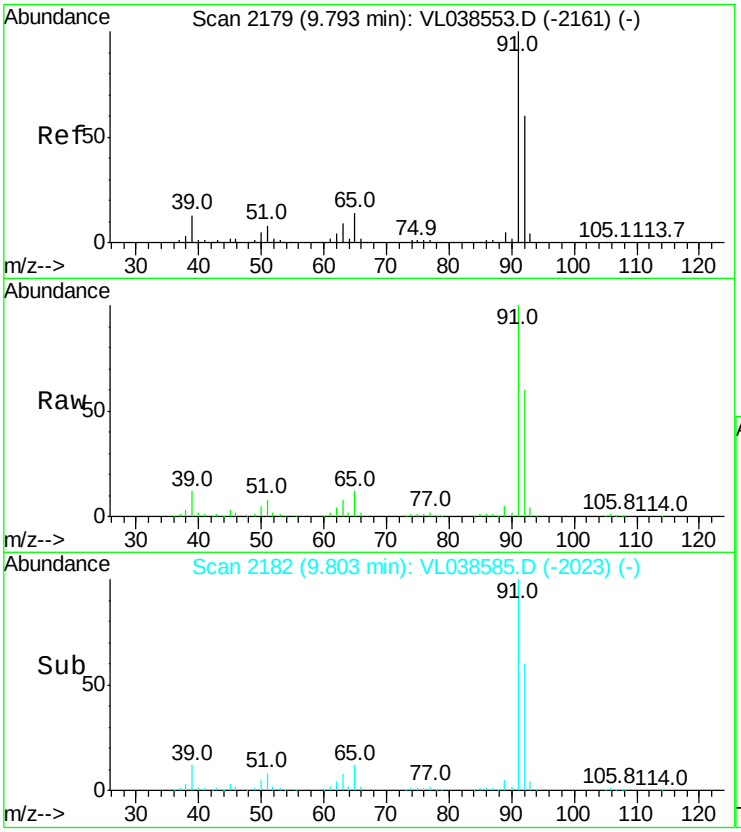


#41
Tetrahydrofuran
Concen: 0.35 ppbv
RT: 6.32 min Scan# 1098
Delta R.T. 0.28 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 42 Resp: 15186

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.9	46.3#
71	0.0	29.1	43.7#



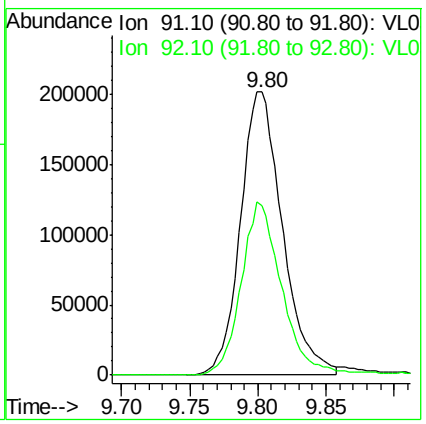


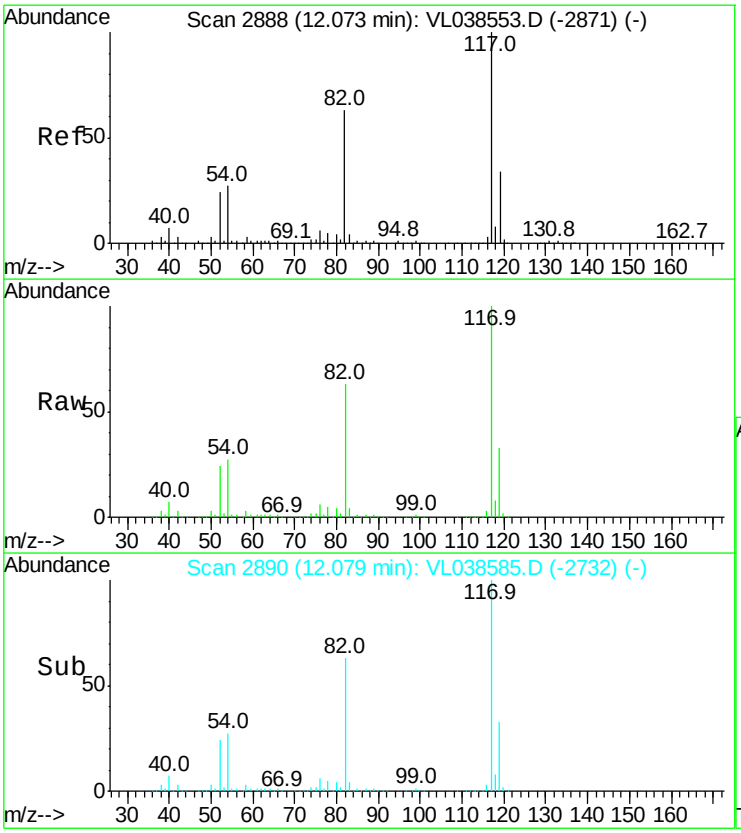
#53
Toluene
Concen: 2.18 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion: 91 Resp: 431069

Ion	Ratio	Lower	Upper
91	100		
92	60.0	48.1	72.1

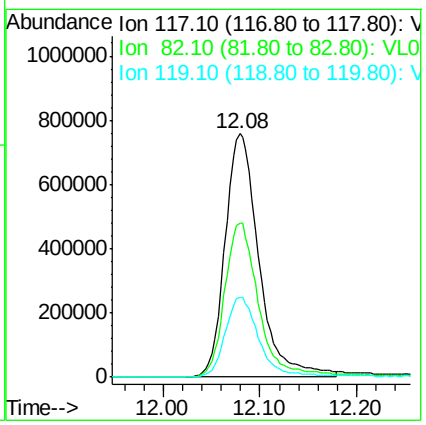


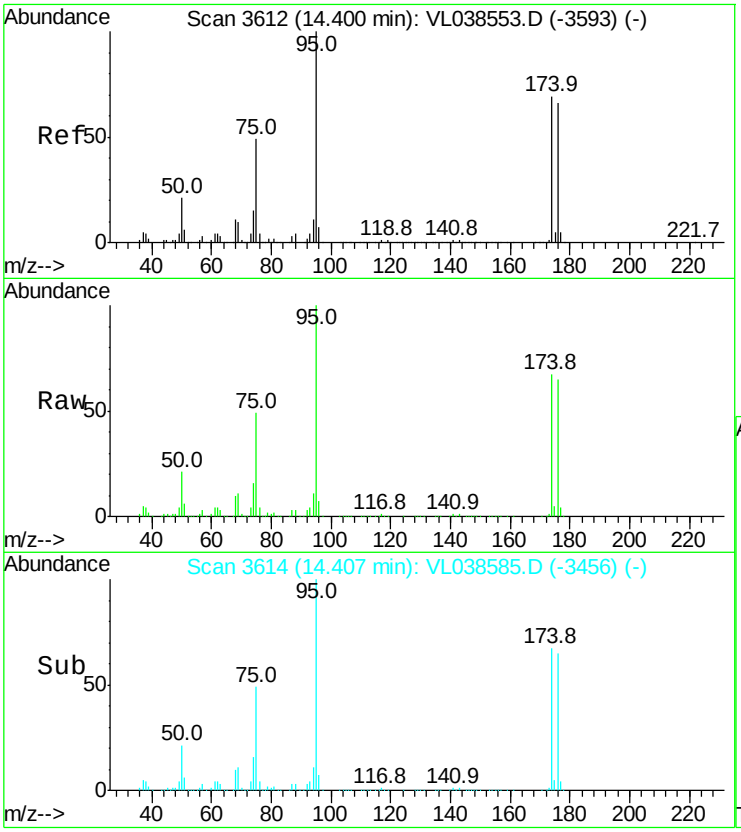


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.01 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion:117 Resp: 1846371

Ion	Ratio	Lower	Upper
117	100		
82	65.2	52.5	78.7
119	33.5	46.4	69.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.58 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 9 Mar 2022 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Tgt Ion: 95 Resp: 1344807

Ion	Ratio	Lower	Upper
95	100		
174	72.6	56.2	84.4
175	5.2	4.2	6.2