Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038395.D
Acq On : 22 Feb 2022 19:37
Operator : SY/AP
Sample : N1607-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Quant Time: Mar 14 08:01:15 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	925836	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.17	114	2255879	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.08	117	2004899	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1645794	9.92	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	4456	0.03	ppbv		96
3) Chlorodifluoromethane	3.03	51	8004	0.05	ppbv	#	75
4) Chloromethane	3.15	50	2709	0.05	ppbv		93
9) Propene	3.03	41	16175	0.30	ppbv	#	76
13) Ethanol	3.61	45	281453	52.25	ppbv		91
15) Acetone	3.86	43	112523	1.43	ppbv		100
19) Isopropyl Alcohol	3.97	45	295065	6.47	ppbv	#	98
20) Methylene Chloride	4.35	84	24730	0.63	ppbv		88
23) Vinyl Acetate	5.07	43	9715	0.09	ppbv	#	1
25) Ethyl Acetate	5.69	43	22033	0.10	ppbv	#	92
26) Hexane	5.69	57	17105	0.18	ppbv	#	59
34) 2-Butanone	5.25	43	8867	0.12	ppbv	#	54
39) 1,2-Dichloropropane	7.17	63	588959	7.45	ppbv	#	25
53) Toluene	9.81	91	97529	0.45	ppbv		100

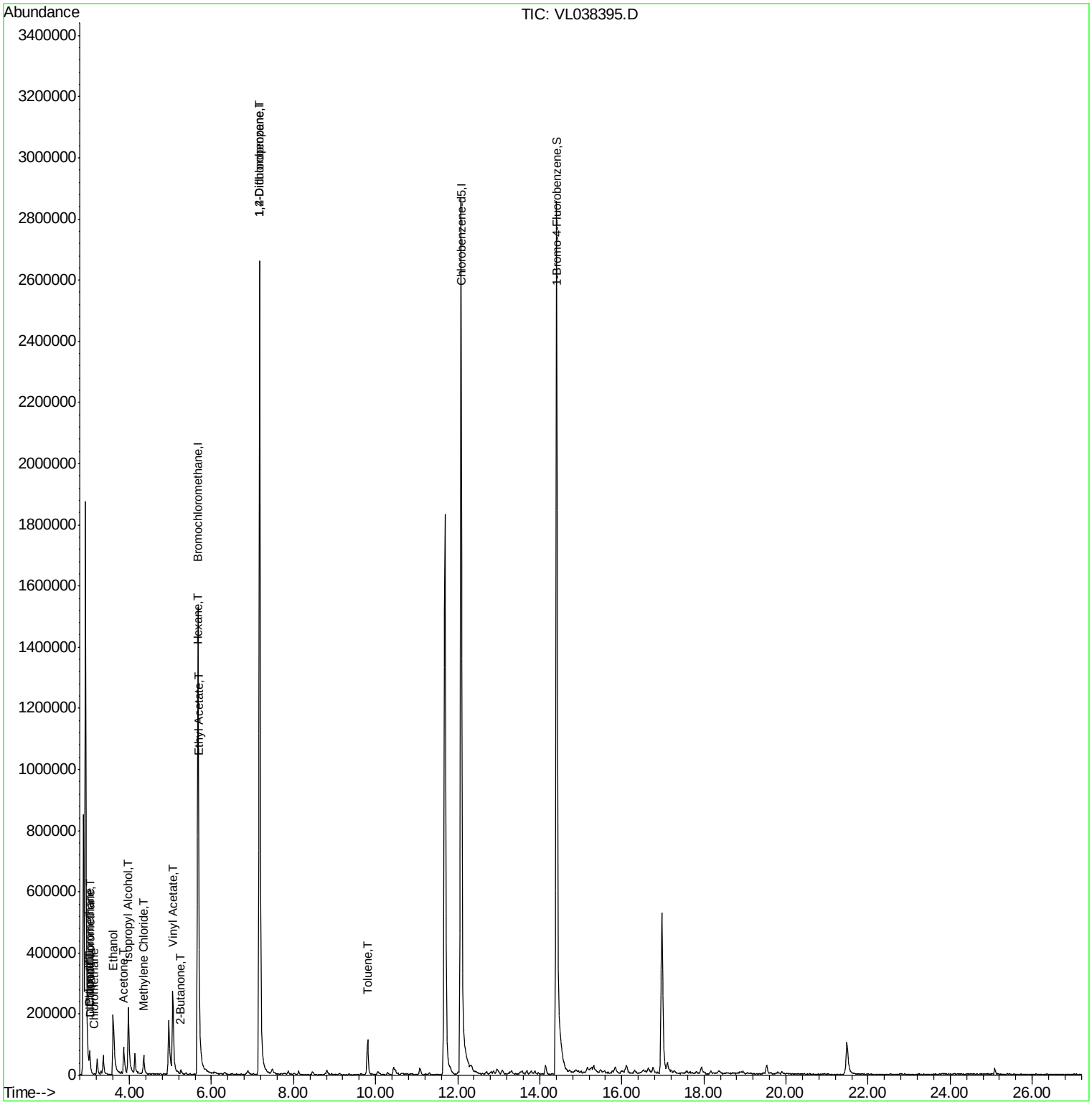
(#) = qualifier out of range (m) = manual integration (+) = signals summed

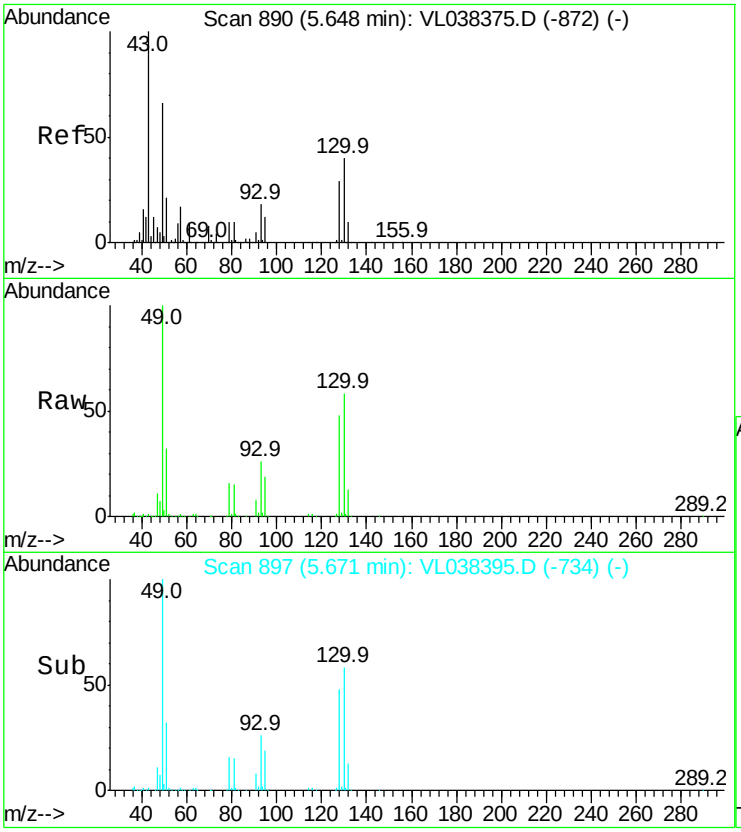
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038395.D
Acq On : 22 Feb 2022 19:37
Operator : SY/AP
Sample : N1607-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Quant Time: Mar 14 08:01:15 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration



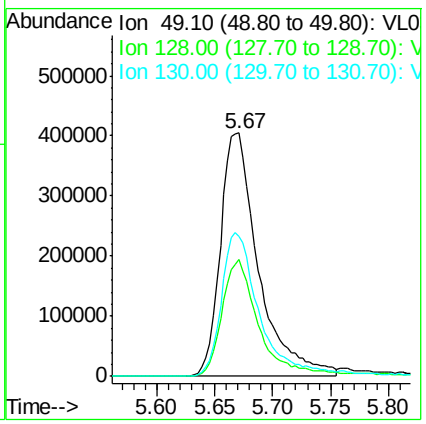


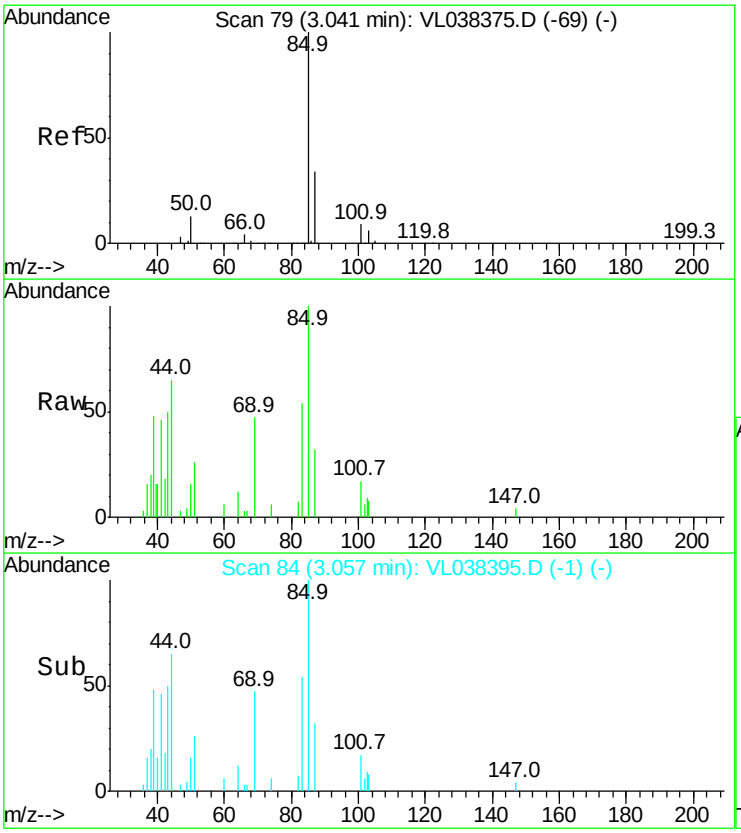
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion: 49 Resp: 925836

Ion	Ratio	Lower	Upper
49	100		
128	47.3	24.3	72.9
130	60.1	30.1	90.5

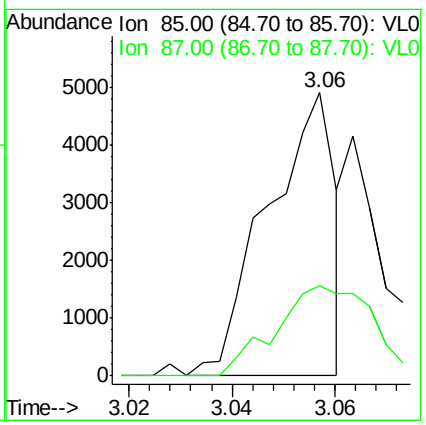


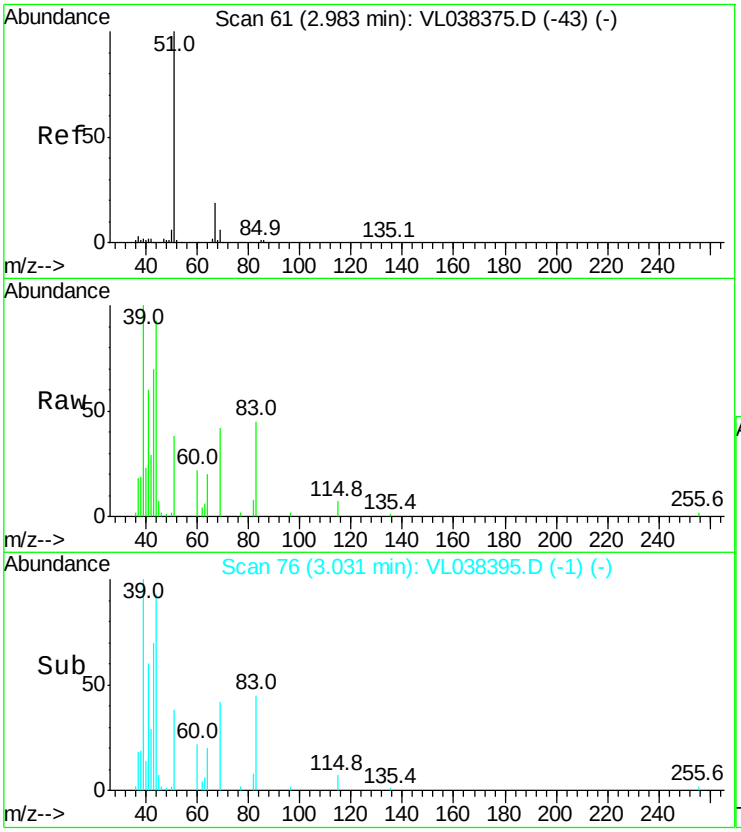


#2
Dichlorodifluoromethane
Concen: 0.03 ppbv
RT: 3.06 min Scan# 84
Delta R.T. 0.02 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 85 Resp: 4456

Ion	Ratio	Lower	Upper
85	100		
87	31.8	27.4	41.0



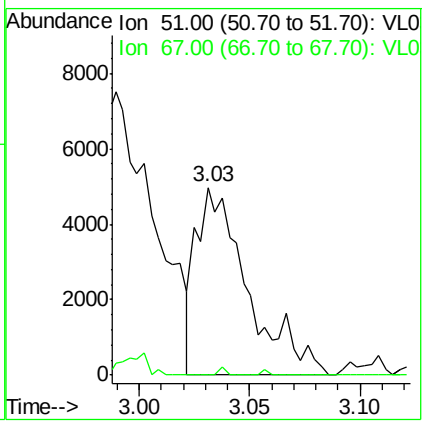


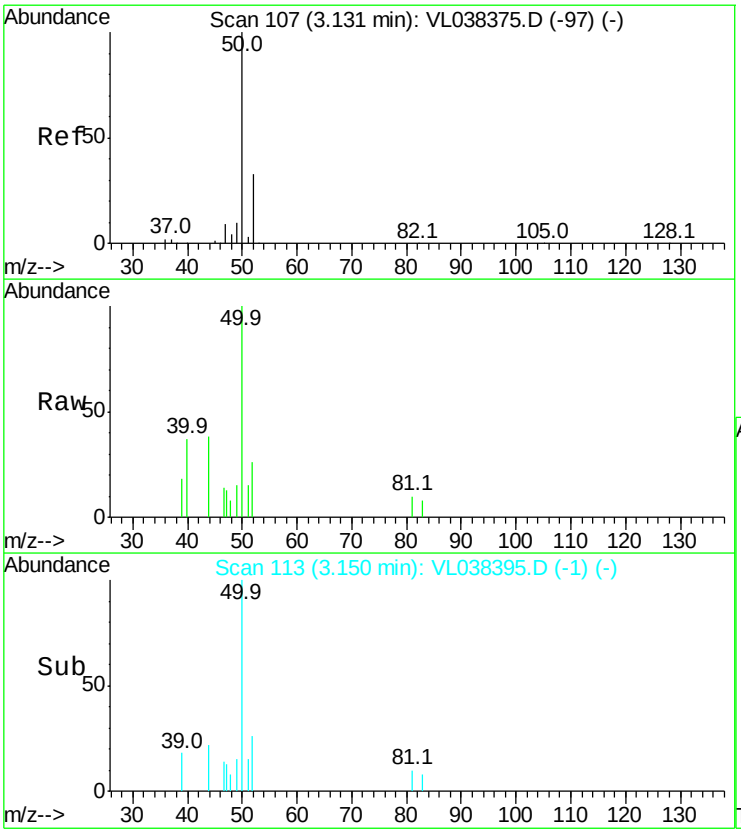
#3
Chlorodifluoromethane
Concen: 0.05 ppbv
RT: 3.03
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion: 51 Resp: 8004

Ion	Ratio	Lower	Upper
51	100		
67	7.2	14.7	22.1#

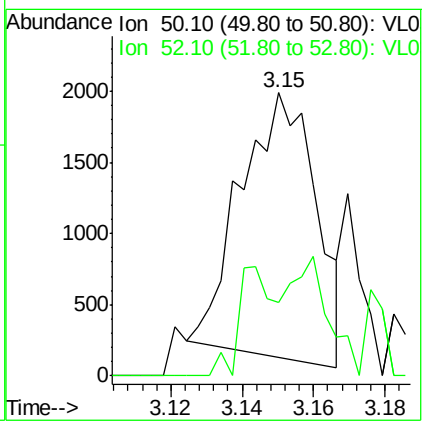


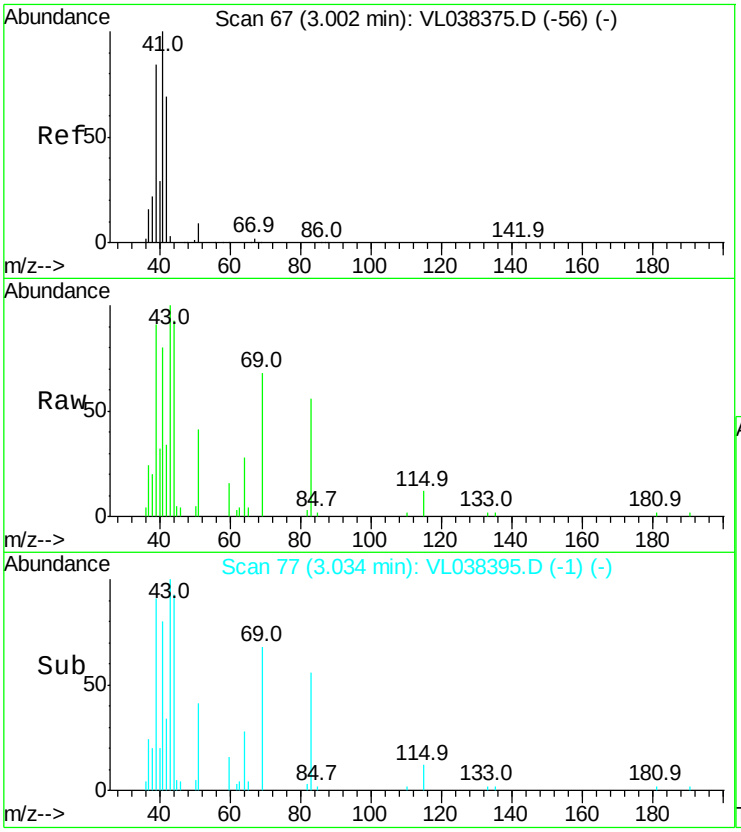


#4
Chloromethane
Concen: 0.05 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.02 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 50 Resp: 2709

Ion	Ratio	Lower	Upper
50	100		
52	29.4	26.5	39.7



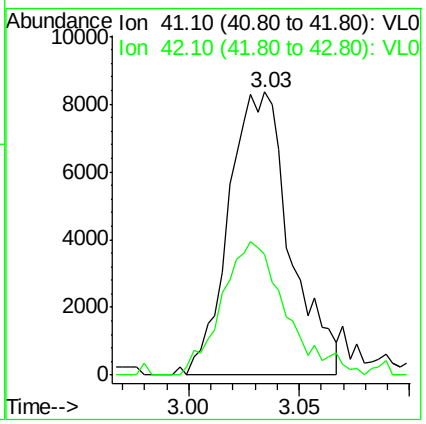


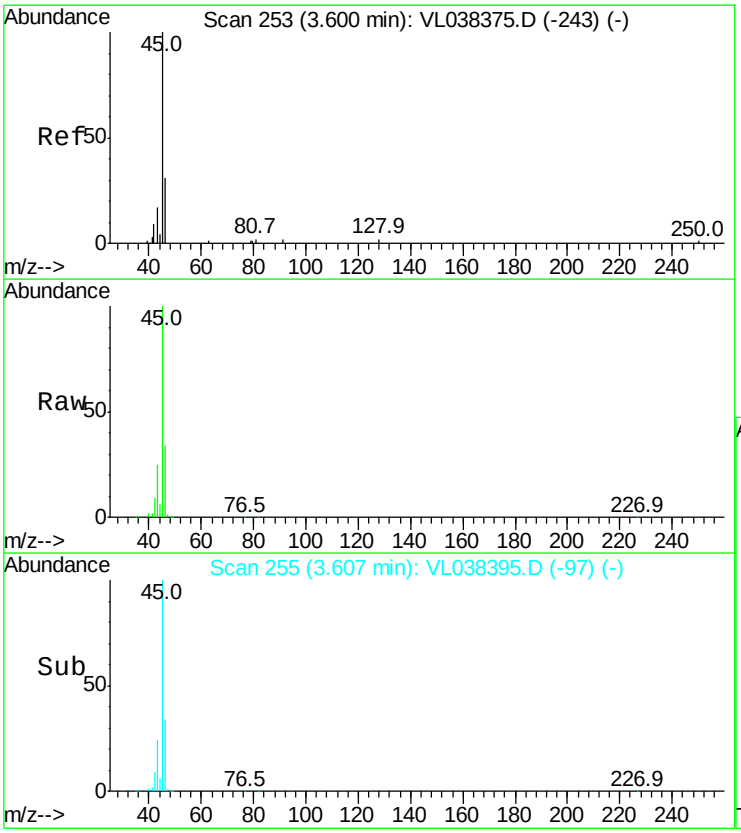
#9
Propene
Concen: 0.30 ppbv
RT: 3.03
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion: 41 Resp: 16175

Ion	Ratio	Lower	Upper
41	100		
42	48.9	54.6	82.0#

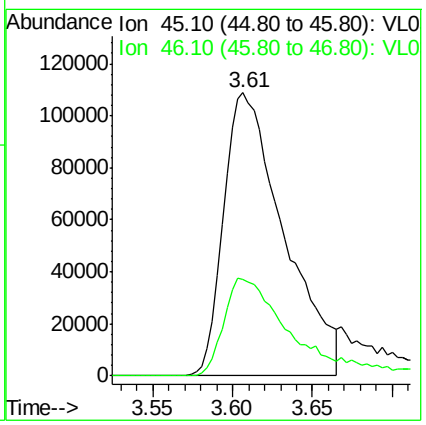


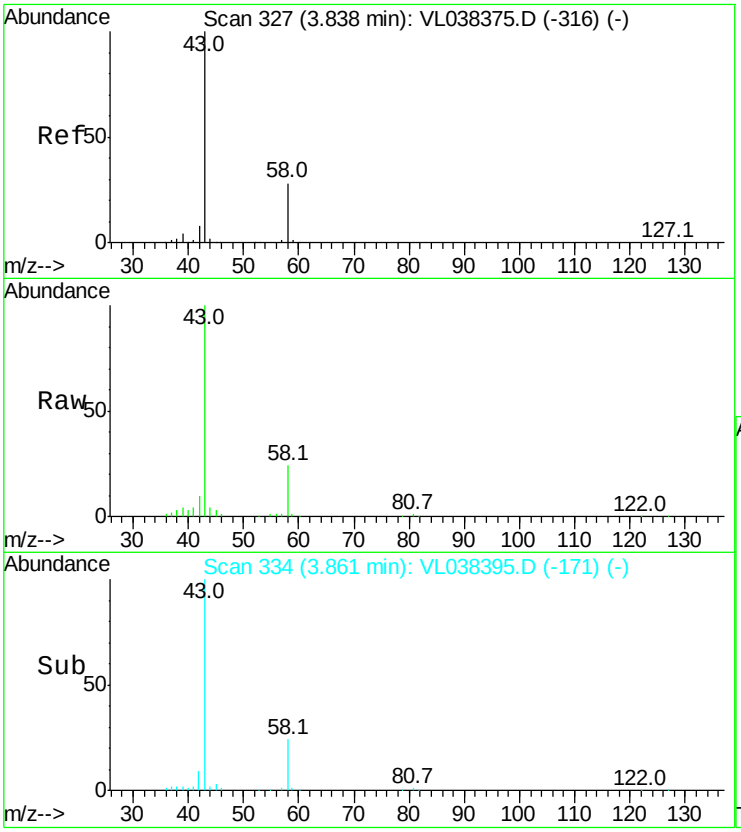


#13
Ethanol
Concen: 52.25 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 45 Resp: 281453

Ion	Ratio	Lower	Upper
45	100		
46	39.3	18.2	72.8



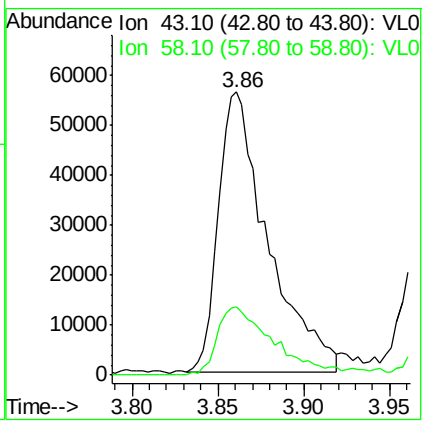


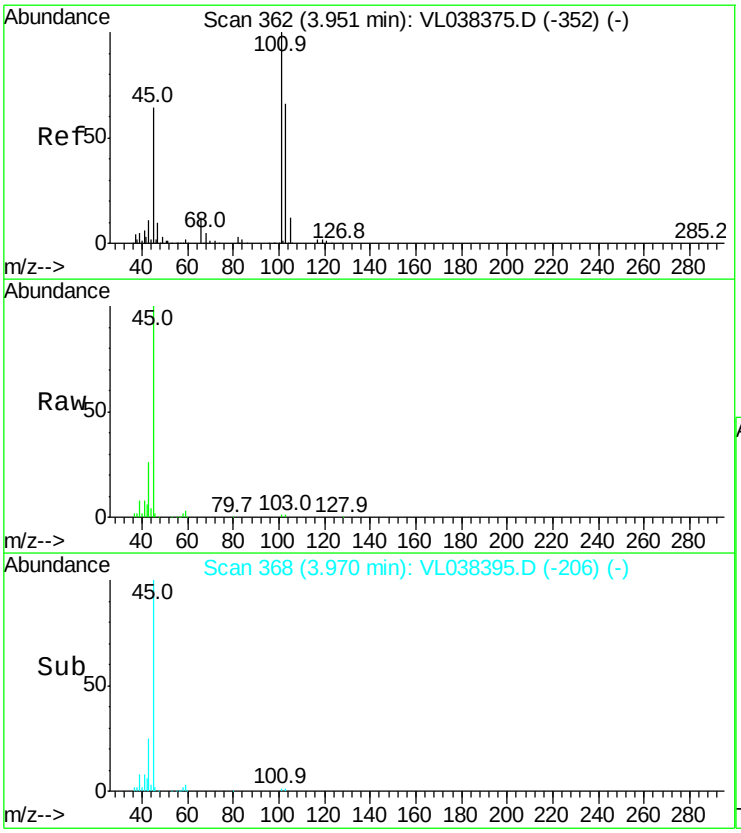
#15
Acetone
Concen: 1.43 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion: 43 Resp: 112523

Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.7	32.5

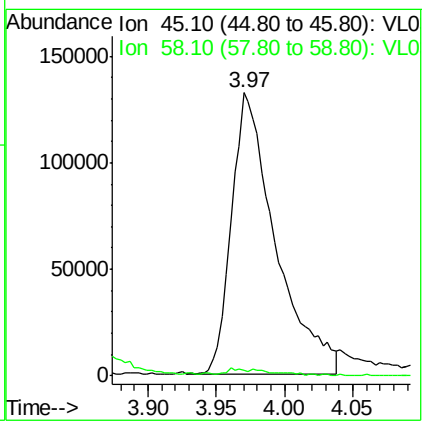


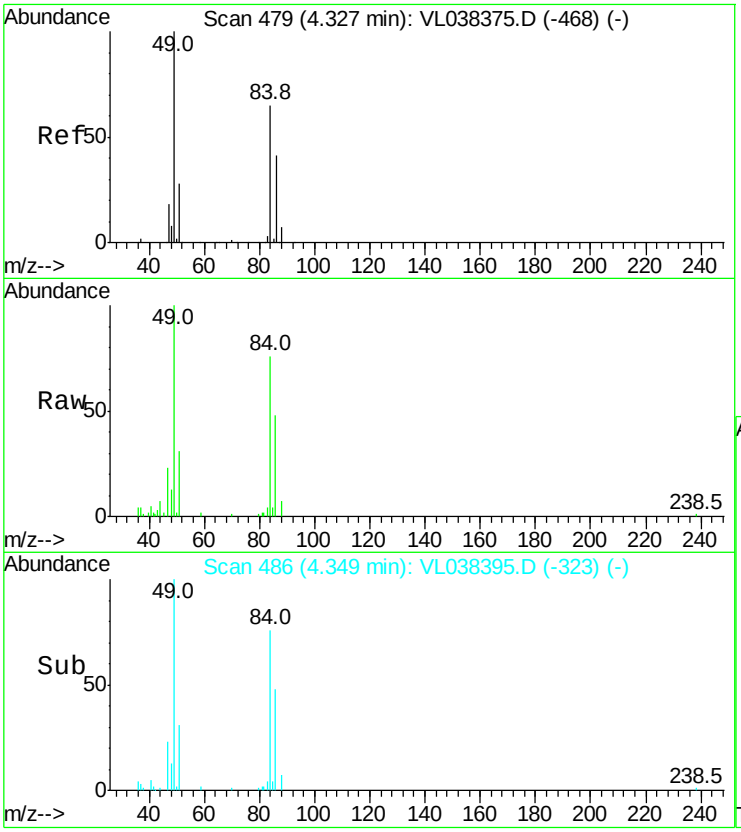


#19
Isopropyl Alcohol
Concen: 6.47 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.02 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 45 Resp: 295065

Ion	Ratio	Lower	Upper
45	100		
58	3.1	1.8	2.8#



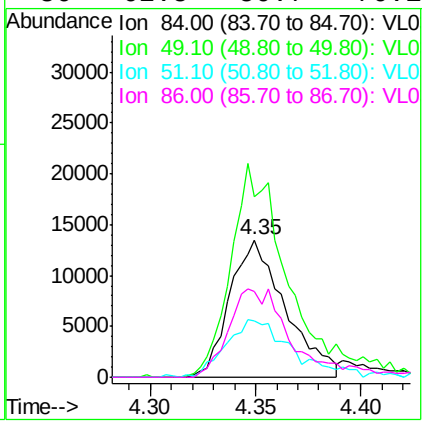


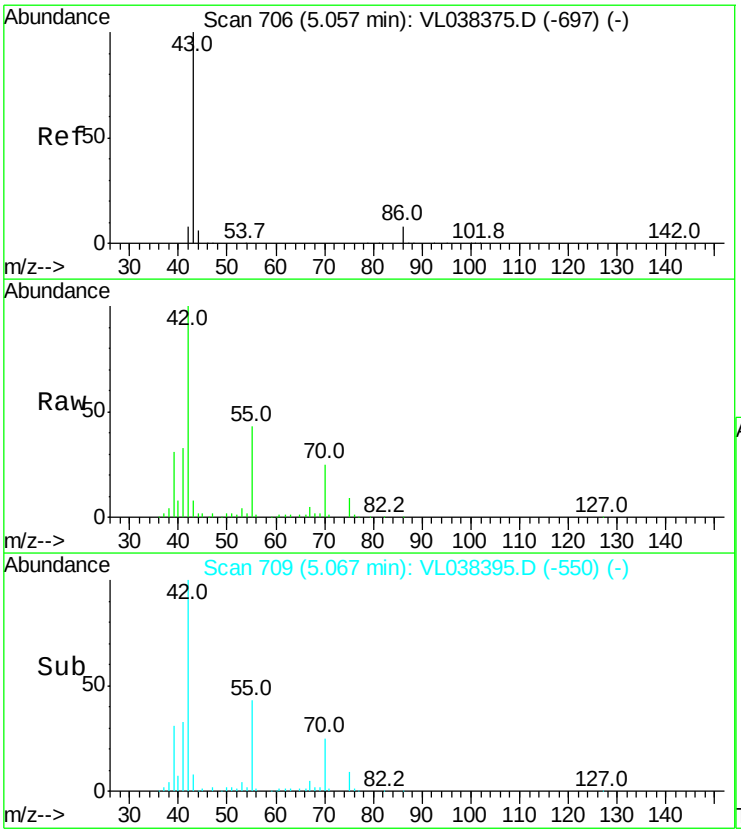
#20
Methylene Chloride
Concen: 0.63 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion: 84 Resp: 24730

Ion	Ratio	Lower	Upper
84	100		
49	129.7	122.4	183.6
51	38.9	33.3	49.9
86	62.5	50.7	76.1

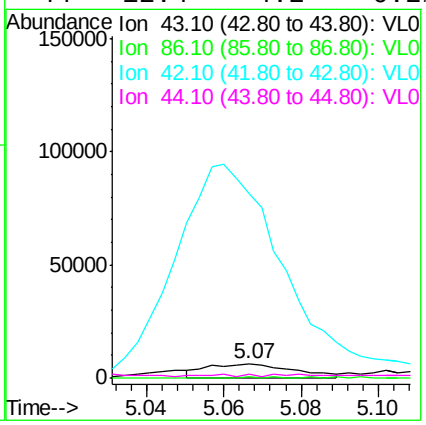


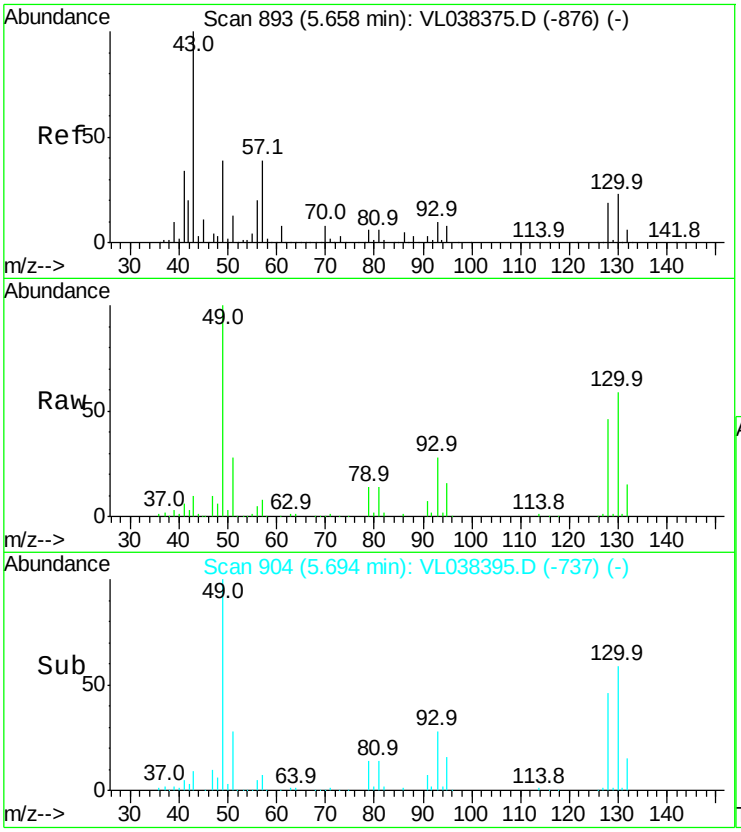


#23
Vinyl Acetate
Concen: 0.09 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.01 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 43 Resp: 9715

Ion	Ratio	Lower	Upper
43	100		
86	4.8	5.8	8.6#
42	1342.6	7.4	11.0#
44	12.4	4.2	6.2#



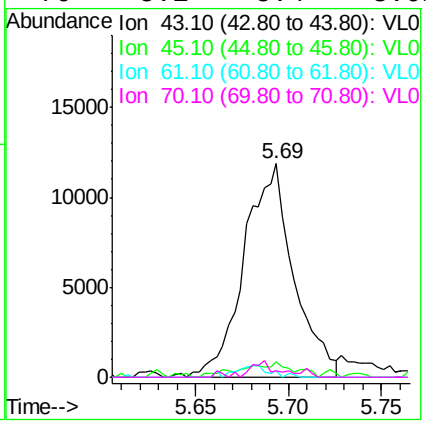


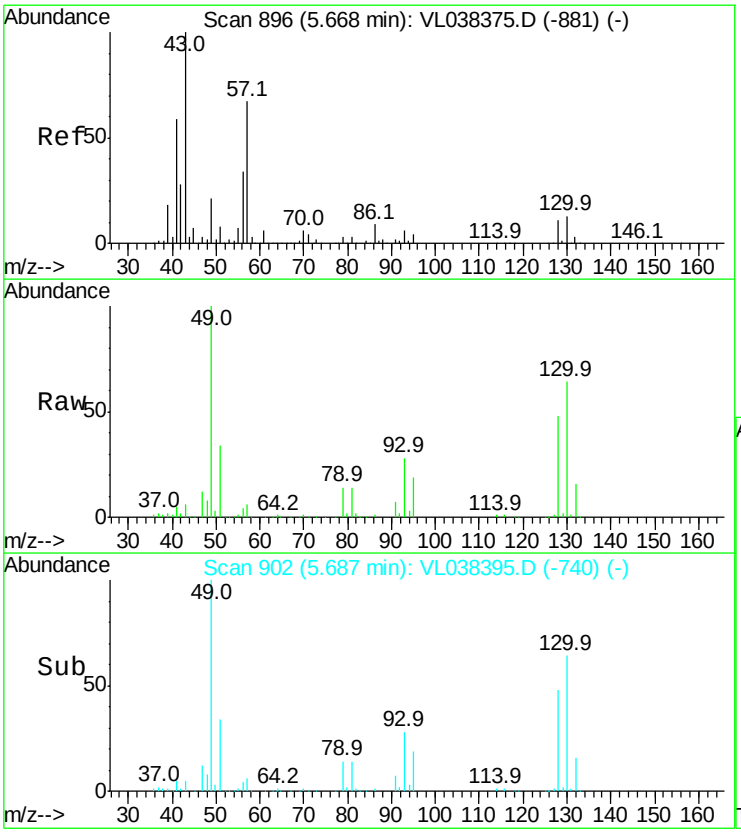
#25
Ethyl Acetate
Concen: 0.10 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion: 43 Resp: 22033

Ion	Ratio	Lower	Upper
43	100		
45	8.7	7.8	11.6
61	4.0	7.5	11.3#
70	5.1	5.4	8.0#

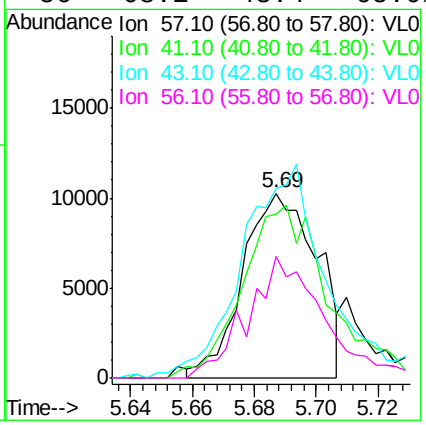


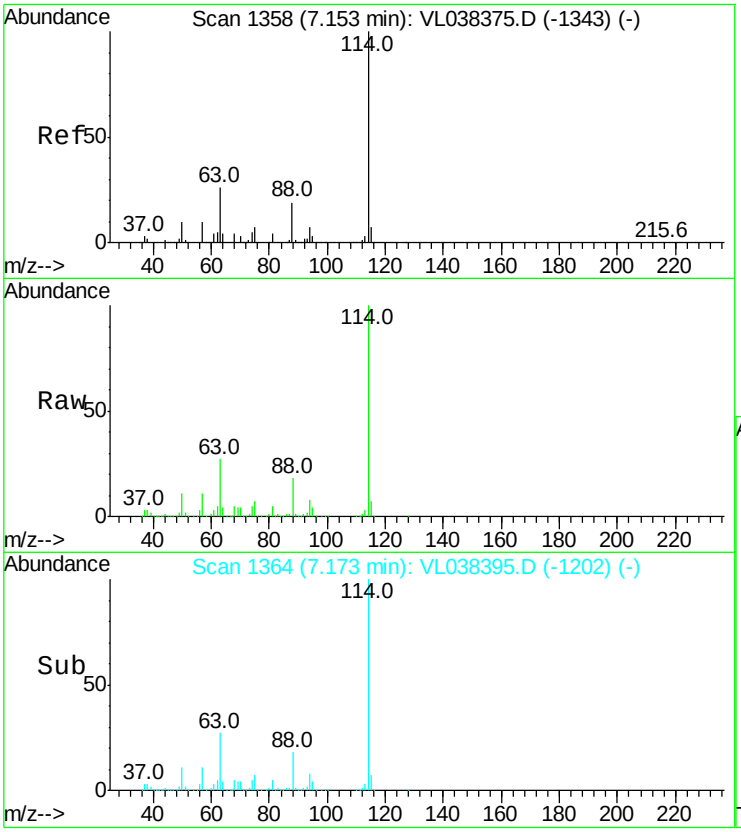


#26
Hexane
Concen: 0.18 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 57 Resp: 17105

Ion	Ratio	Lower	Upper
57	100		
41	110.9	73.1	109.7#
43	137.3	181.0	271.4#
56	68.1	43.4	65.0#



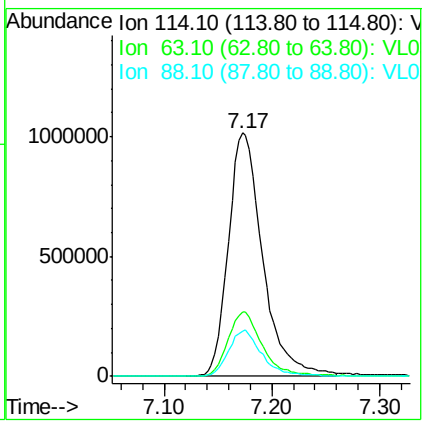


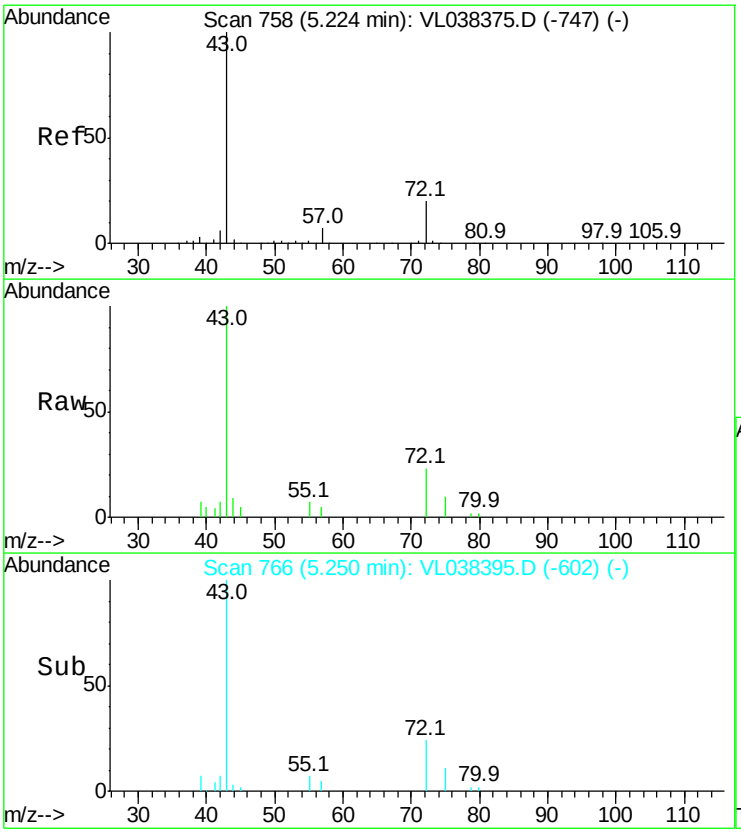
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion:114 Resp: 2255879

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.2	33.2
88	18.6	15.2	22.8

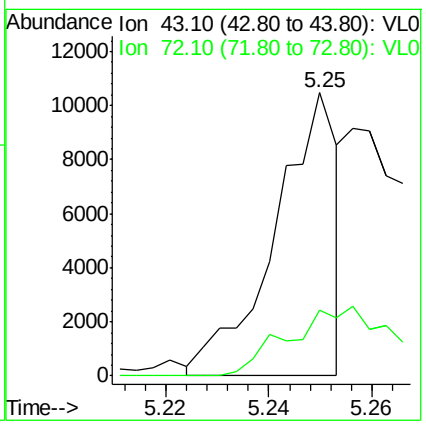


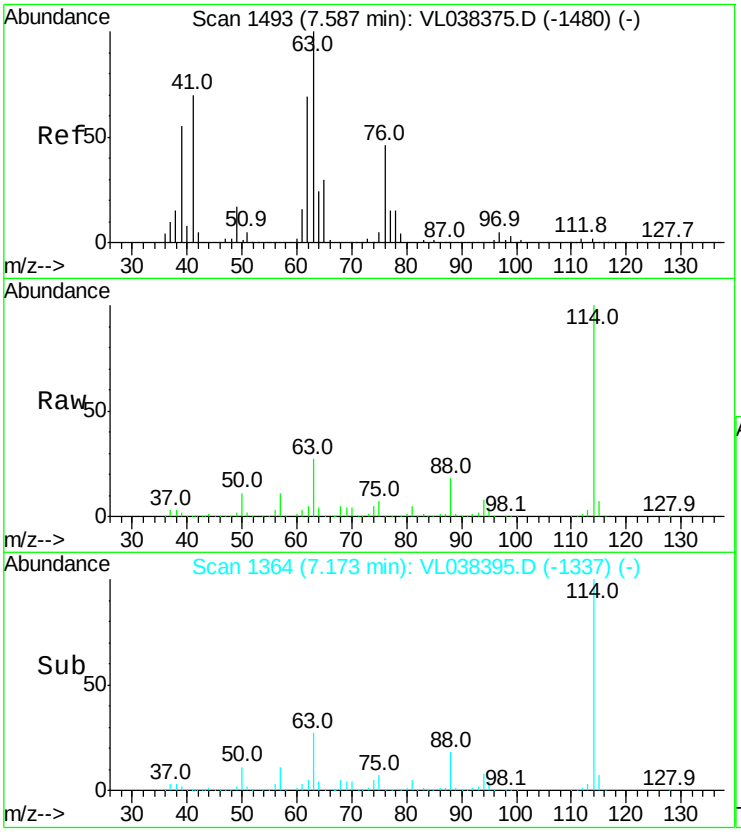


#34
2-Butanone
Concen: 0.12 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.03 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 43 Resp: 8867

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.4	26.2#



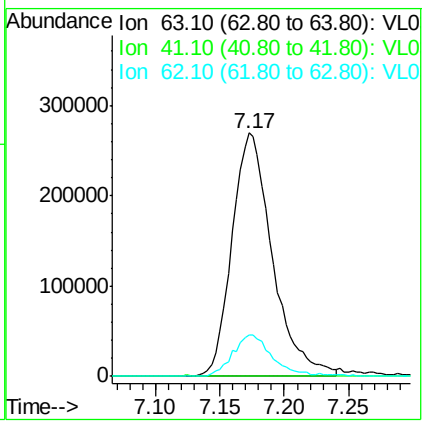


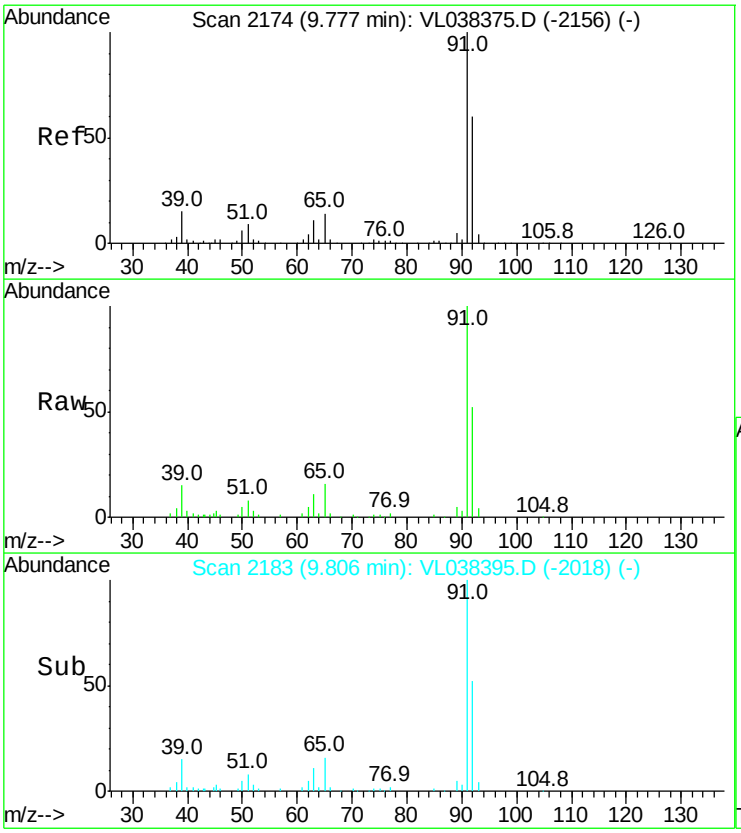
#39
1,2-Dichloropropane
Concen: 7.45 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion: 63 Resp: 588959

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	17.1	55.5	83.3#

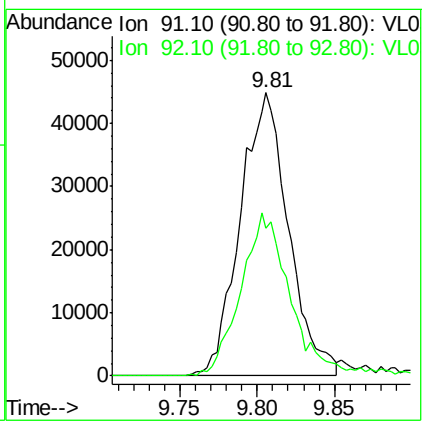


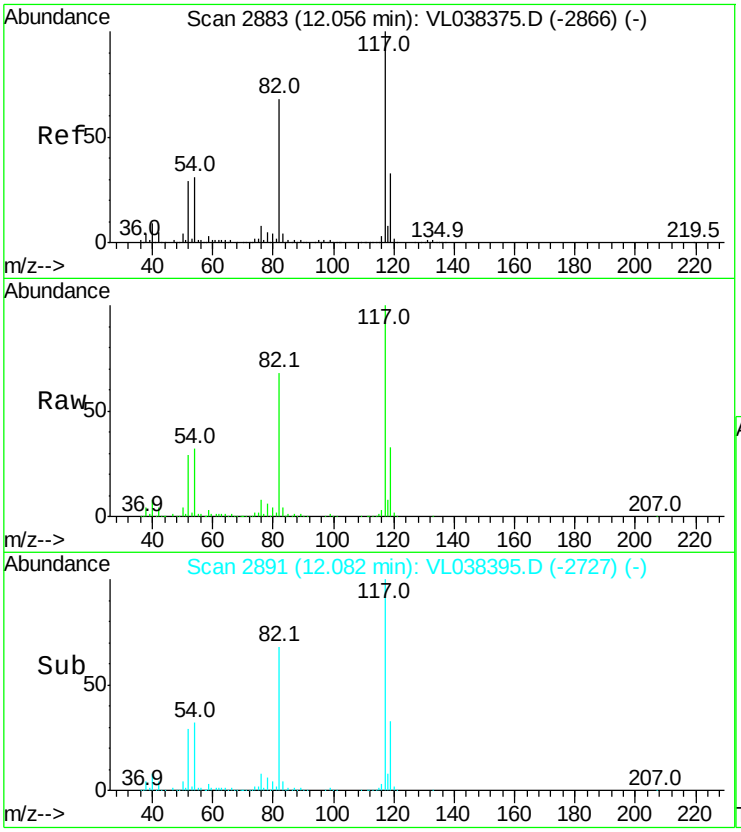


#53
Toluene
Concen: 0.45 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. 0.03 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 91 Resp: 97529

Ion	Ratio	Lower	Upper
91	100		
92	60.3	48.2	72.4



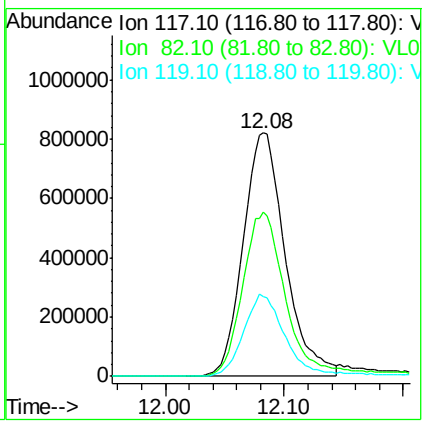


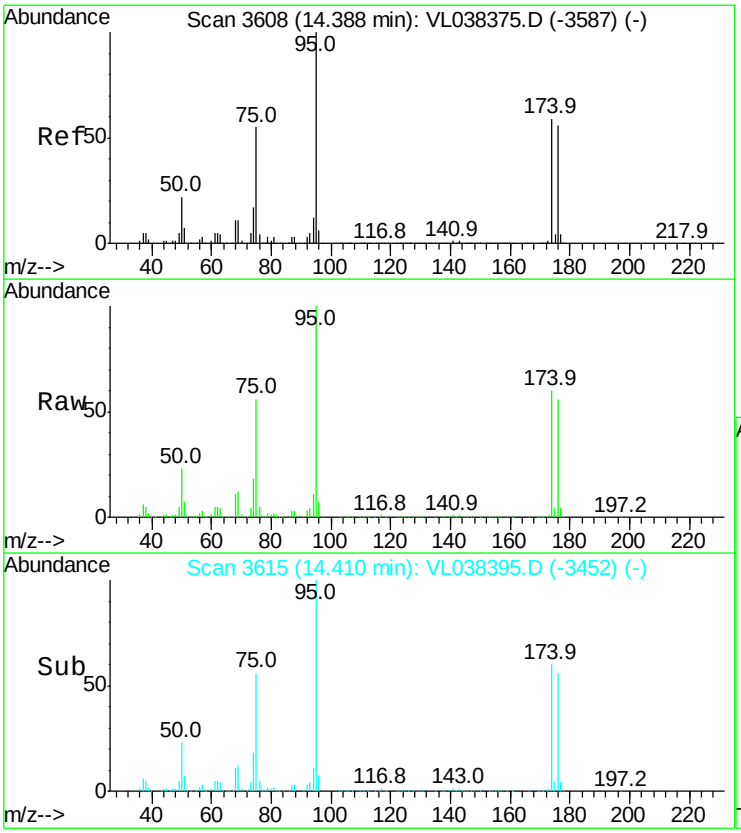
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 22 Feb 2022 19:37

Instrument :
MSVOA_L
ClientSampleId :
MP-7DL

Tgt Ion:117 Resp: 2004899

Ion	Ratio	Lower	Upper
117	100		
82	73.1	54.9	82.3
119	35.1	46.1	69.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.92 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.02 min
Lab File: VL038395.D
Acq: 22 Feb 2022 19:37

Tgt Ion: 95 Resp: 1645794

Ion	Ratio	Lower	Upper
95	100		
174	61.7	49.0	73.4
175	4.4	3.6	5.4