Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
Data File : VL038710.D
Acq On : 23 Mar 2022 9:13
Operator : SY/AP
Sample : N1961-11DL2 44X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P74DL2

Quant Time: Mar 24 02:53:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	700486	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1781318	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	1541266	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1140374	9.65	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.98	51	5873	0.079	ppbv #	92
9) Propene	3.01	41	4661	0.130	ppbv	97
13) Ethanol	3.60	45	2040	0.518	ppbv #	37
15) Acetone	3.86	43	23897	0.395	ppbv	99
19) Isopropyl Alcohol	3.98	45	1186	0.035	ppbv #	91
20) Methylene Chloride	4.33	84	20671	0.812	ppbv	90
25) Ethyl Acetate	5.66	43	5051	0.033	ppbv #	78
26) Hexane	5.67	57	8166	0.120	ppbv #	43
30) Cyclohexane	7.13	84	2098	0.035	ppbv #	1
34) 2-Butanone	5.25	43	4777	0.068	ppbv #	53
39) 1,2-Dichloropropane	7.15	63	430062	8.002	ppbv #	29
52) Tetrachloroethene	11.20	164	342868	6.815	ppbv	97
53) Toluene	9.78	91	5879	0.040	ppbv	97

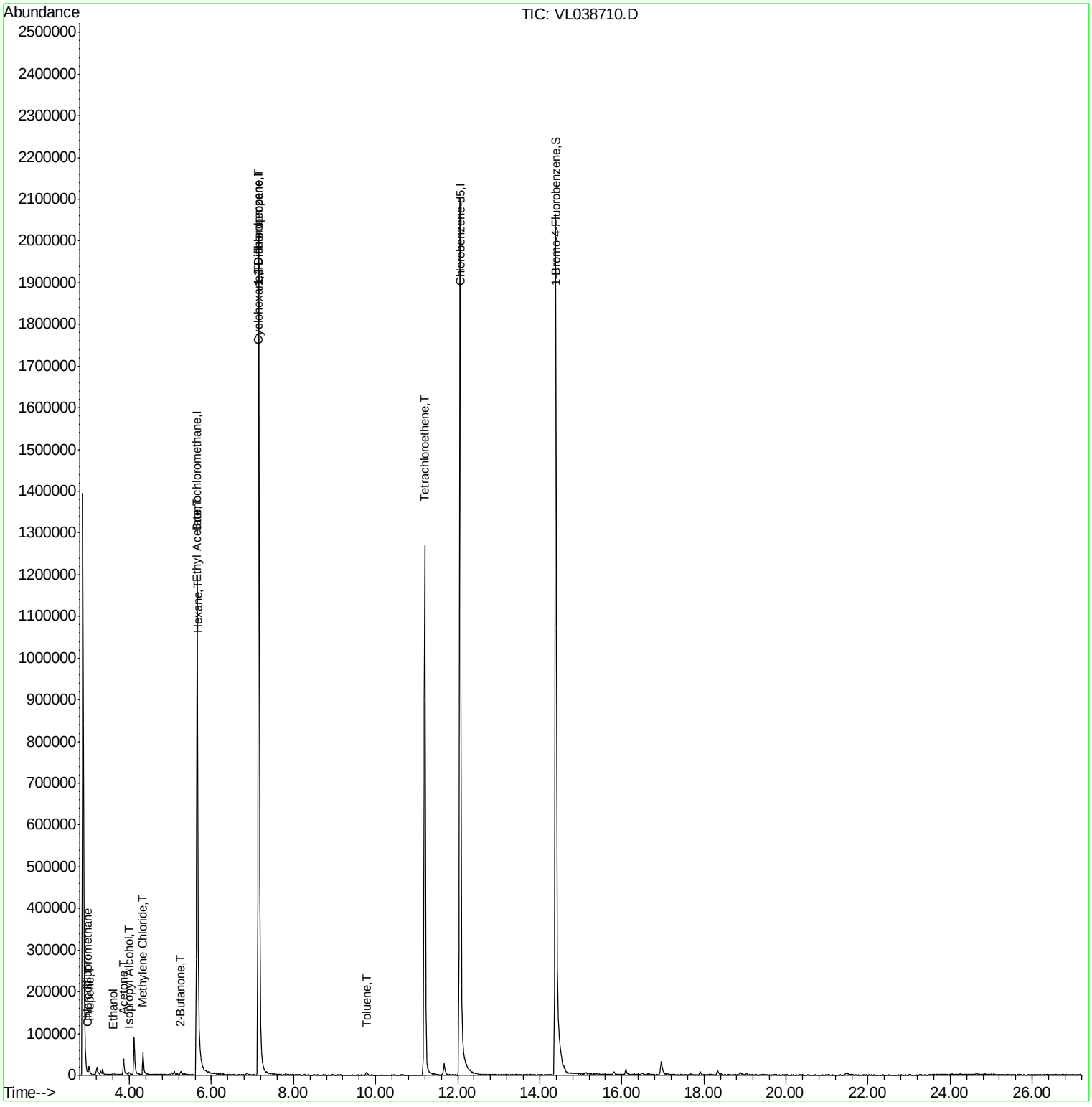
(#) = qualifier out of range (m) = manual integration (+) = signals summed

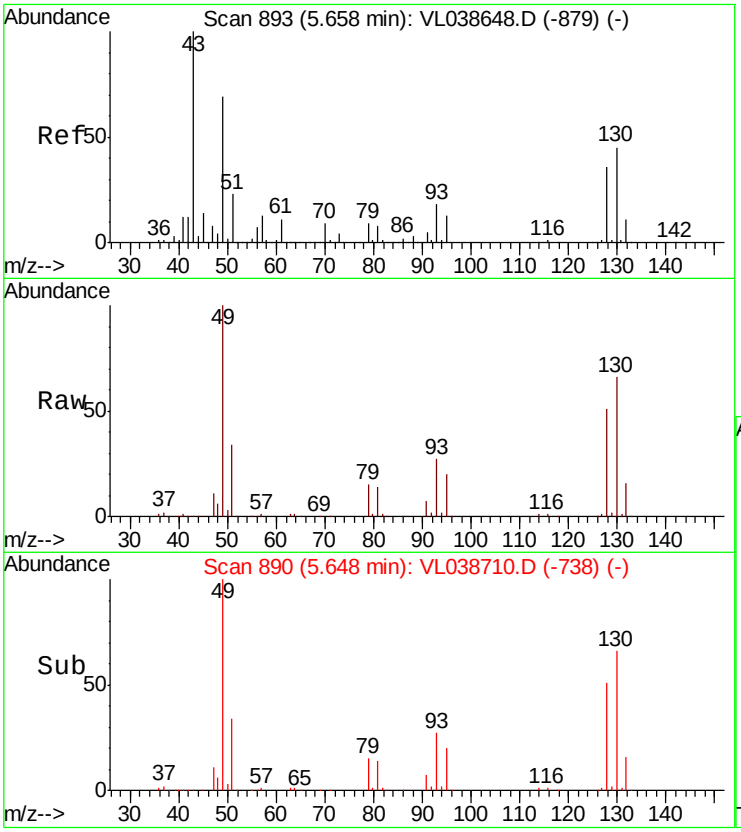
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
Data File : VL038710.D
Acq On : 23 Mar 2022 9:13
Operator : SY/AP
Sample : N1961-11DL2 44X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Quant Time: Mar 24 02:53:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



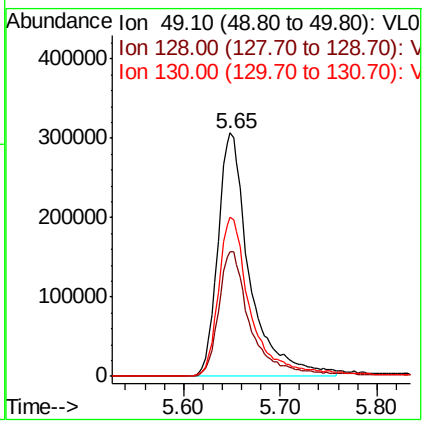


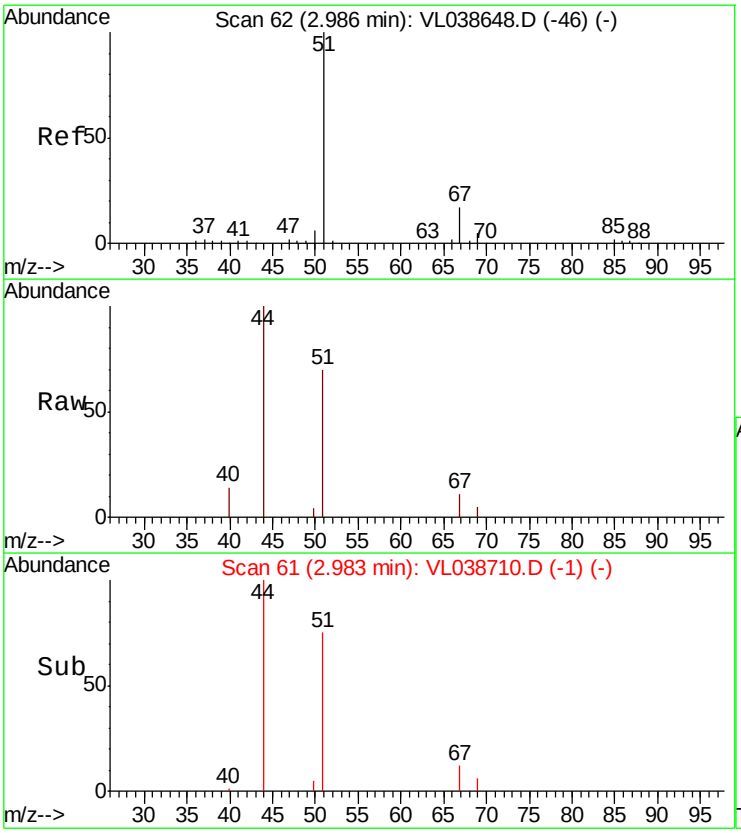
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 49 Resp: 700486

Ion	Ratio	Lower	Upper
49	100		
128	52.7	26.2	78.6
130	69.0	33.7	101.1

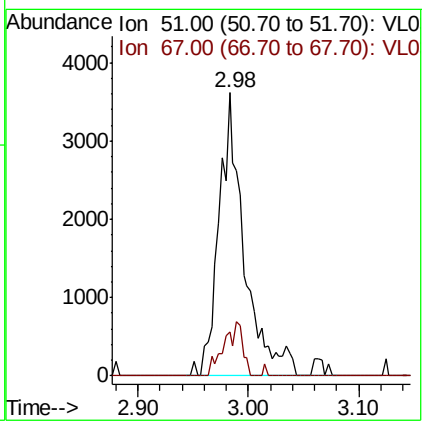


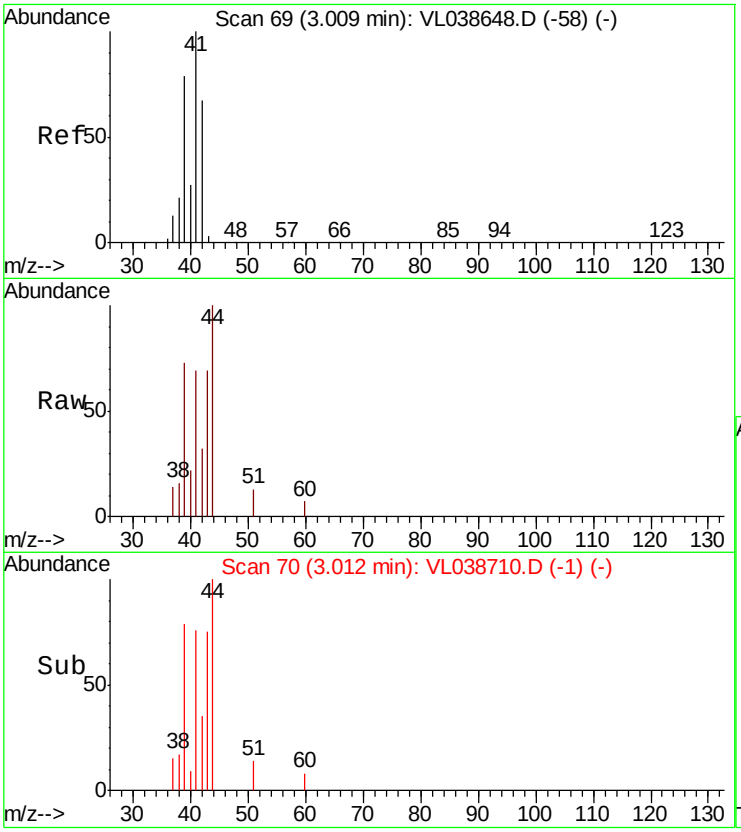


#3
Chlorodifluoromethane
Concen: 0.079 ppbv
RT: 2.98 min Scan# 61
Delta R.T. -0.00 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion: 51 Resp: 5873

Ion	Ratio	Lower	Upper
51	100		
67	13.9	14.1	21.1#



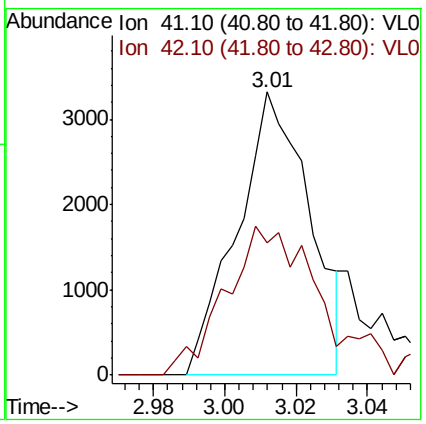


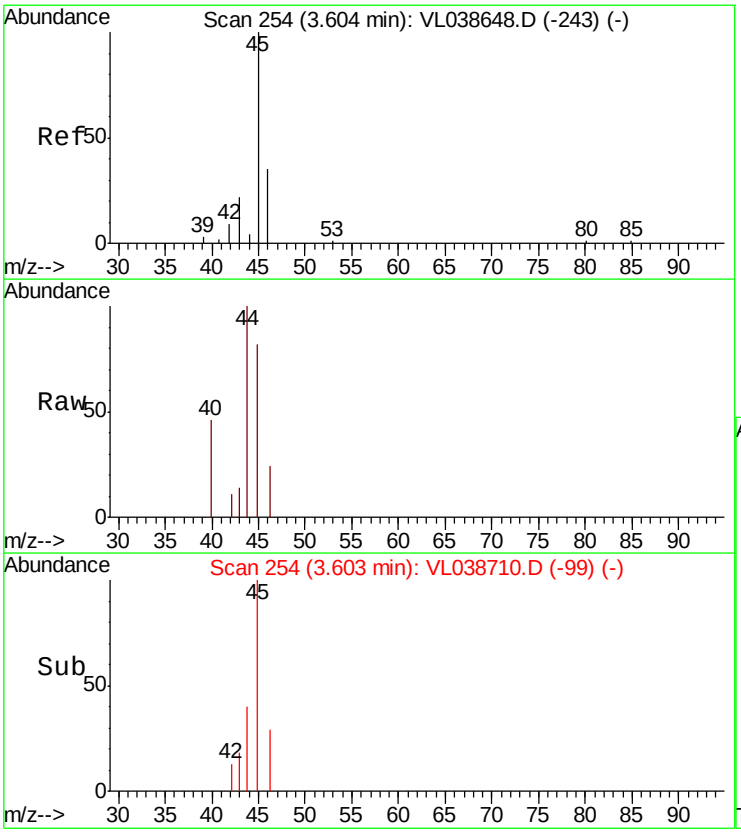
#9
Propene
Concen: 0.130 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 41 Resp: 4661

Ion	Ratio	Lower	Upper
41	100		
42	72.7	56.2	84.4

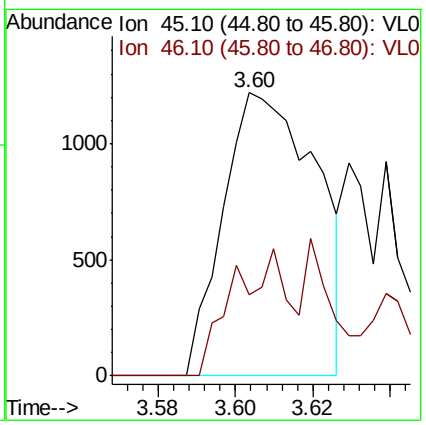


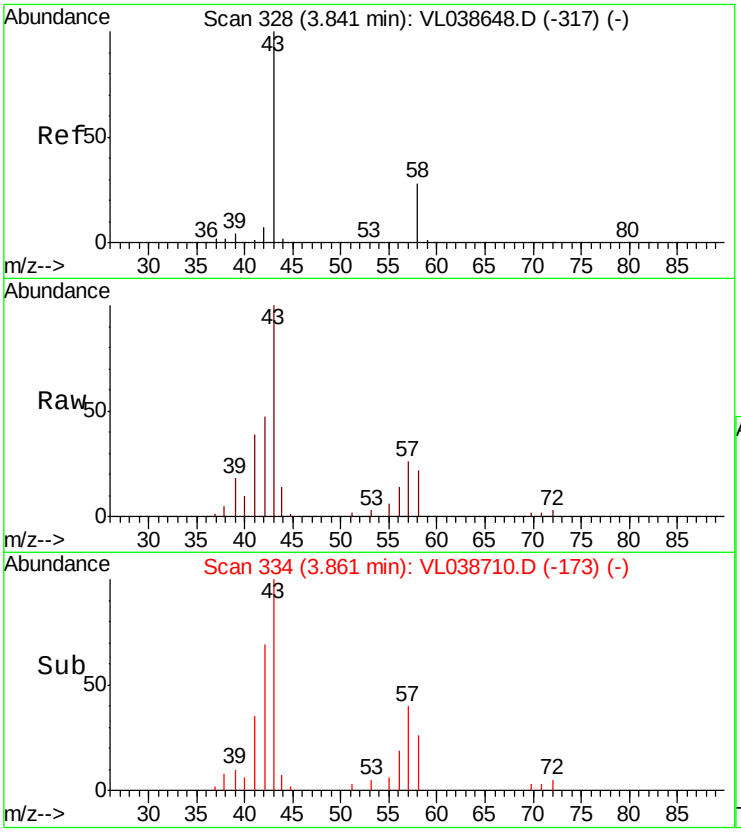


#13
Ethanol
Concen: 0.518 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion: 45 Resp: 2040

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.1	60.5#



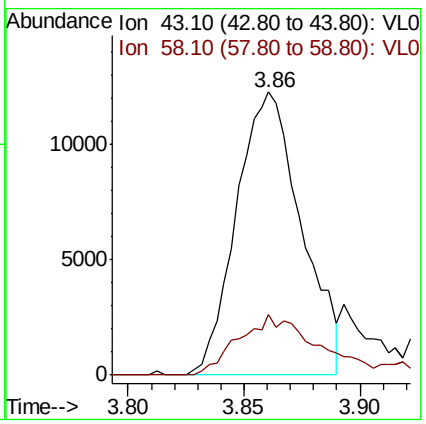


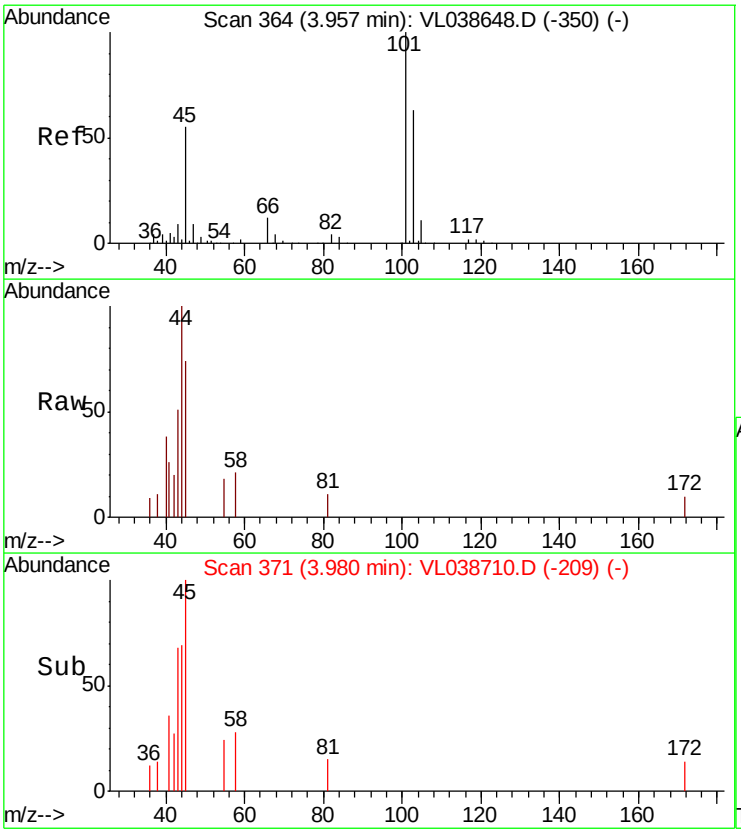
#15
Acetone
Concen: 0.395 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 43 Resp: 23897

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.3	34.9

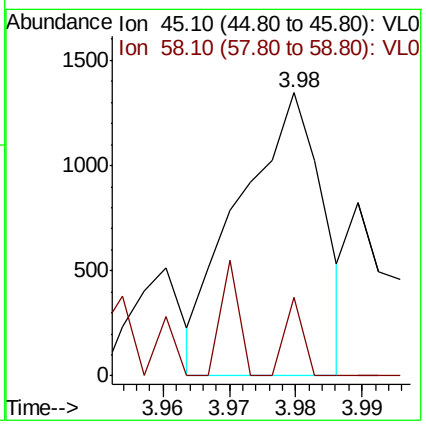


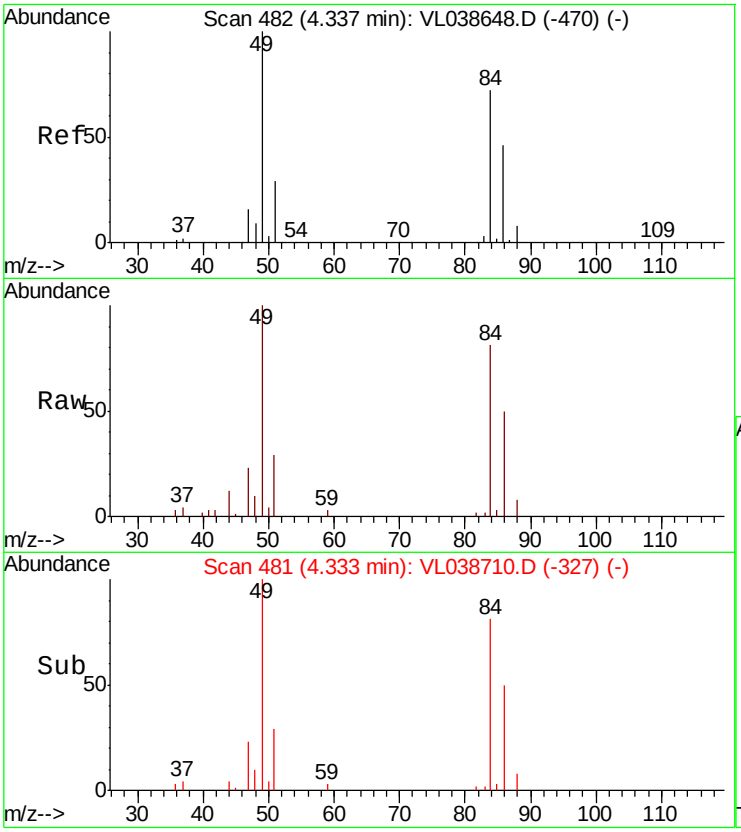


#19
Isopropyl Alcohol
Concen: 0.035 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.02 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion: 45 Resp: 1186

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.3	3.5#



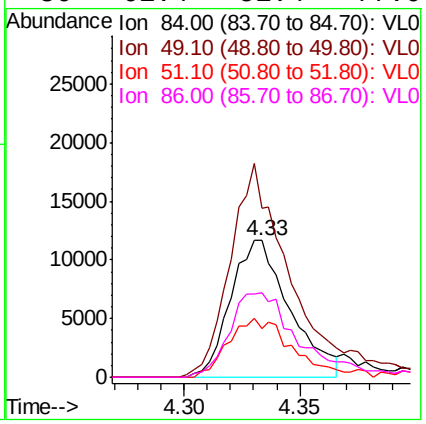


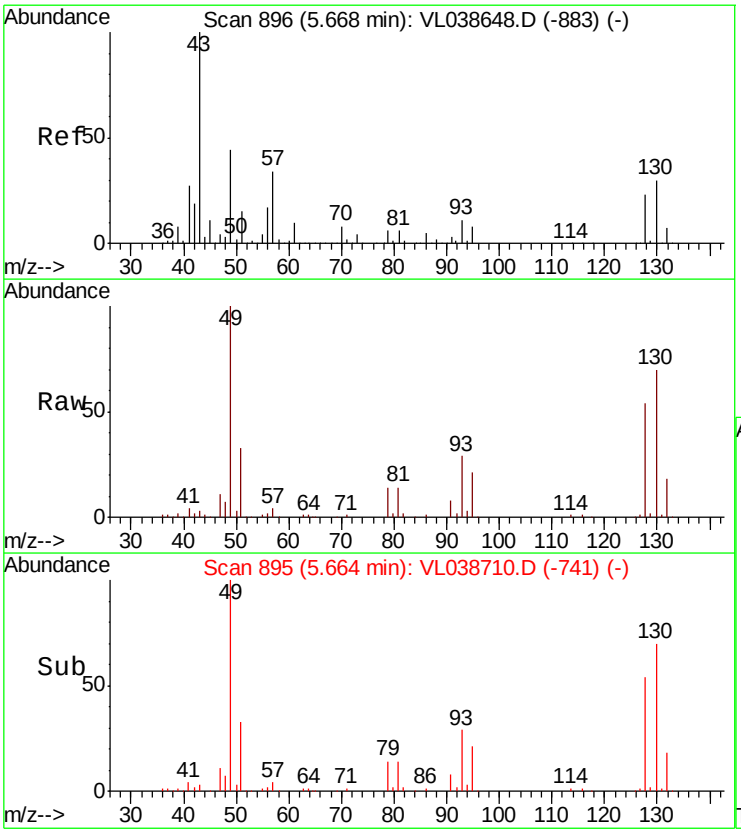
#20
Methylene Chloride
Concen: 0.812 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 84 Resp: 20671

Ion	Ratio	Lower	Upper
84	100		
49	122.0	111.2	166.8
51	35.5	32.8	49.2
86	61.4	51.4	77.0

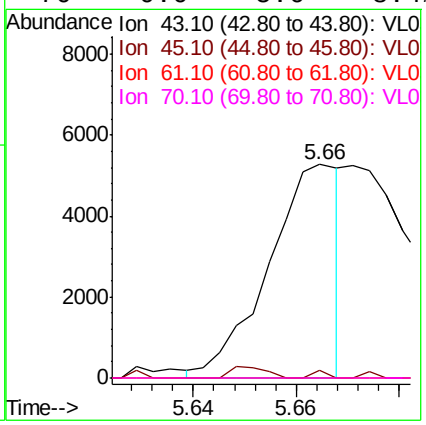


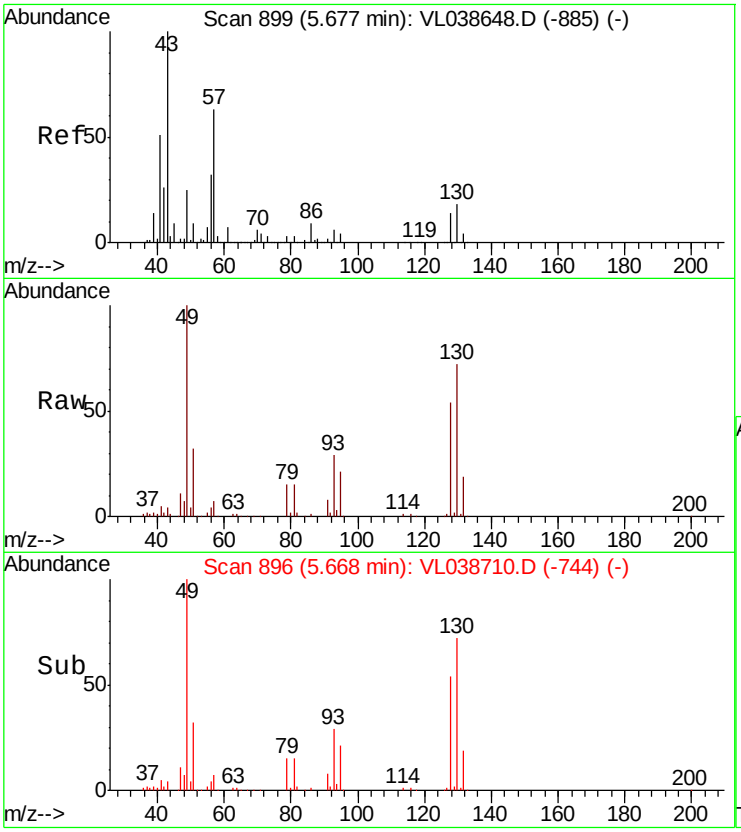


#25
Ethyl Acetate
Concen: 0.033 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion: 43 Resp: 5051

Ion	Ratio	Lower	Upper
43	100		
45	3.4	8.2	12.4#
61	0.0	8.3	12.5#
70	0.0	5.6	8.4#



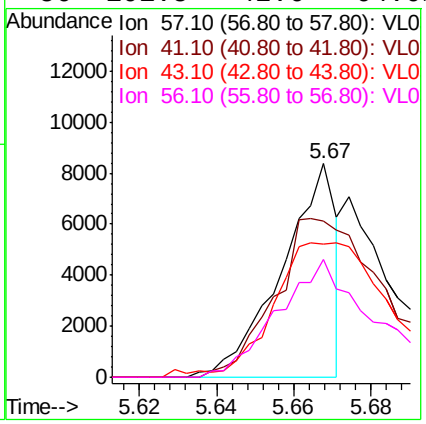


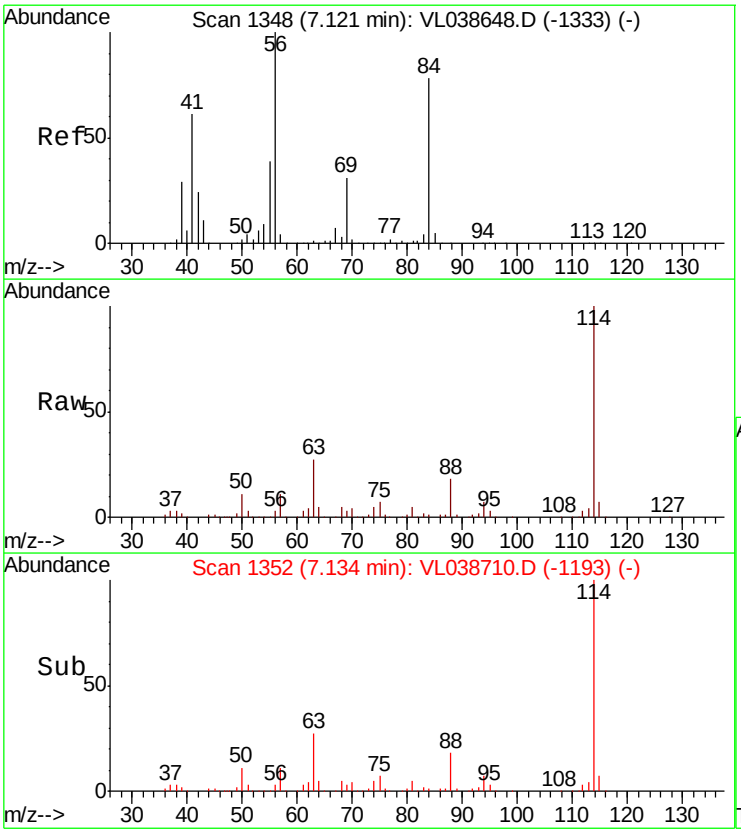
#26
Hexane
Concen: 0.120 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 57 Resp: 8166

Ion	Ratio	Lower	Upper
57	100		
41	158.7	67.0	100.4#
43	155.0	184.2	276.2#
56	101.5	42.6	64.0#

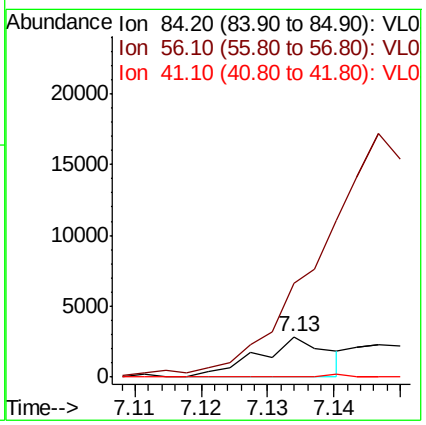


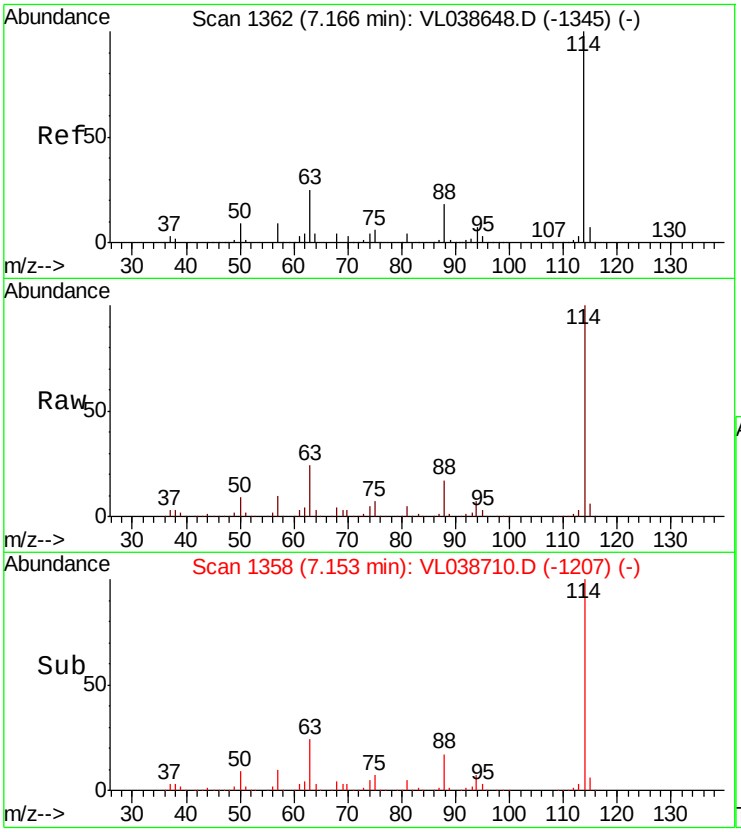


#30
Cyclohexane
Concen: 0.035 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion: 84 Resp: 2098

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.2	162.4#
41	3.1	61.8	92.6#



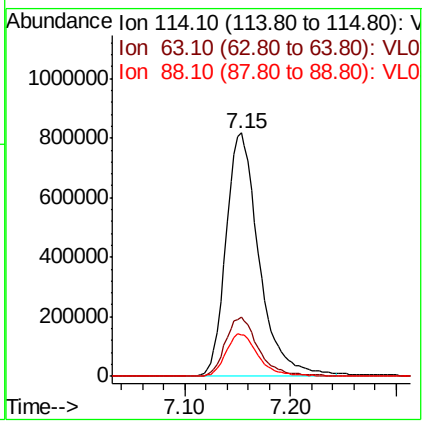


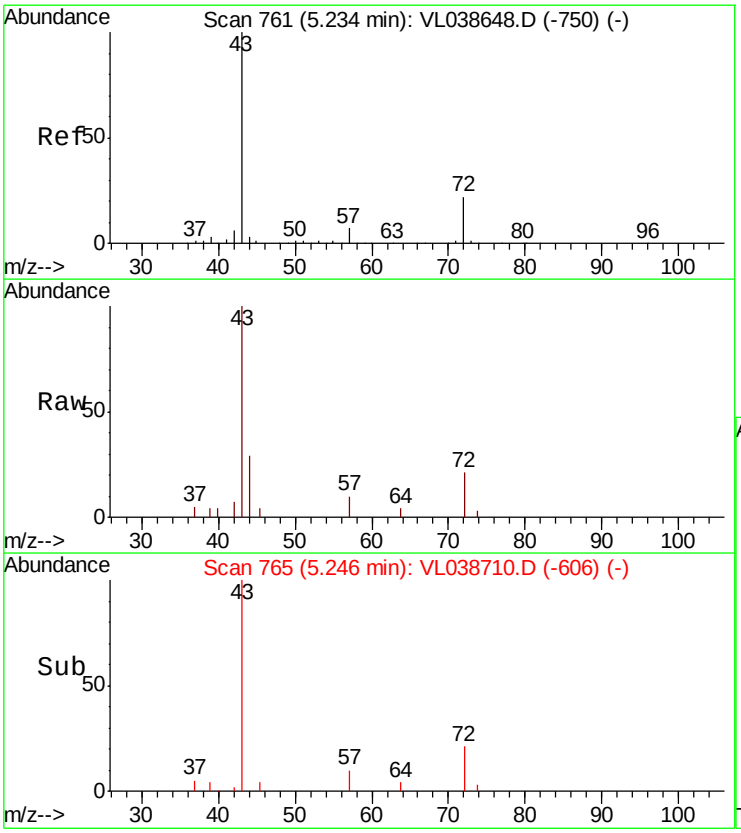
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion:114 Resp: 1781318

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.4	29.0
88	17.5	13.9	20.9

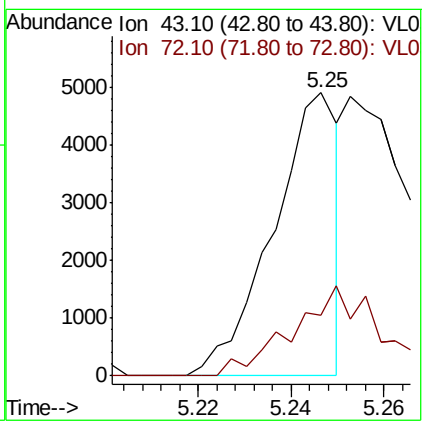


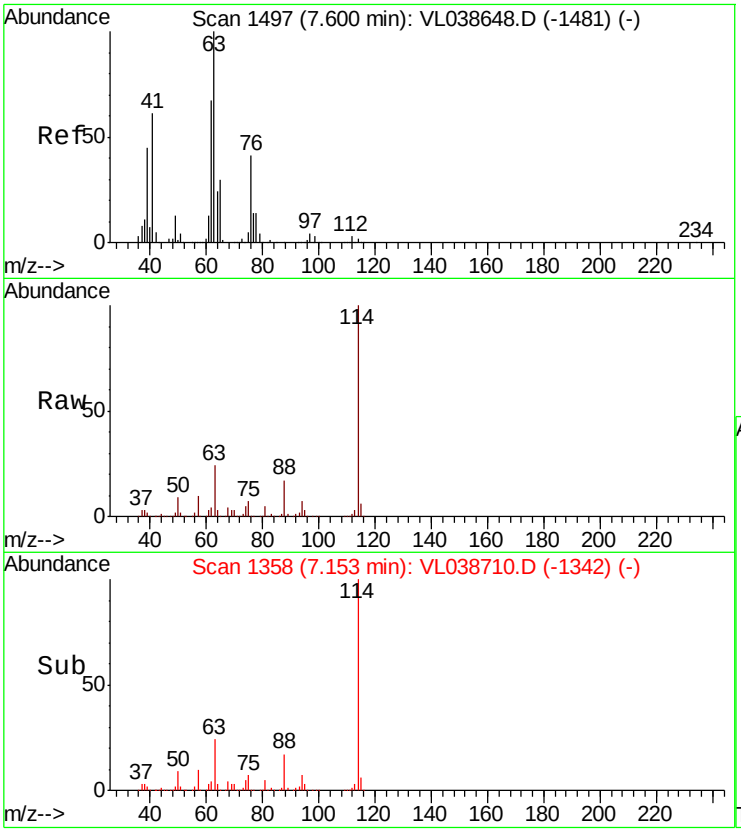


#34
2-Butanone
Concen: 0.068 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.01 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion: 43 Resp: 4777

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.8#



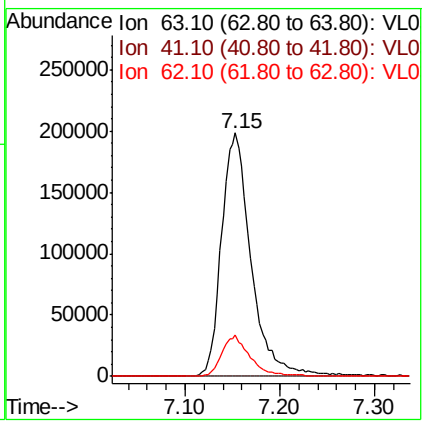


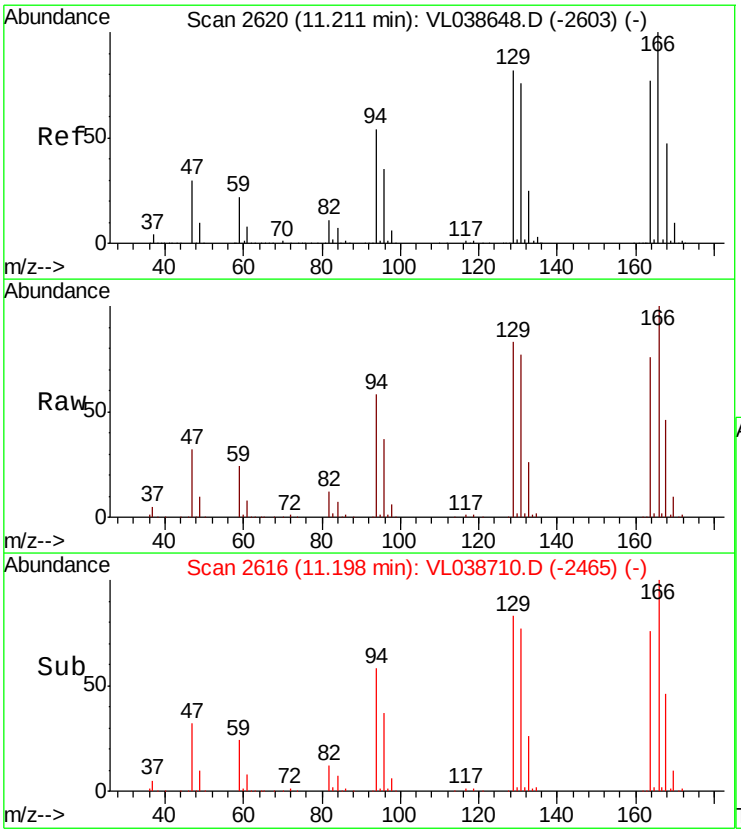
#39
1,2-Dichloropropane
Concen: 8.002 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 63 Resp: 430062

Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.0	73.6#
62	16.9	53.9	80.9#

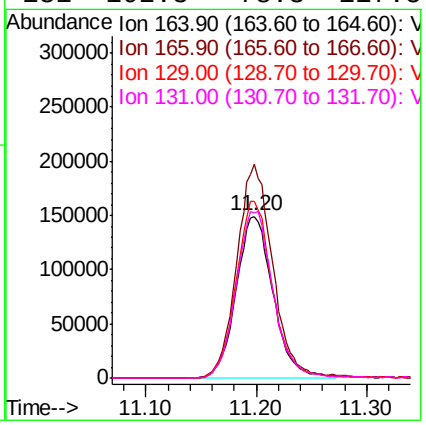


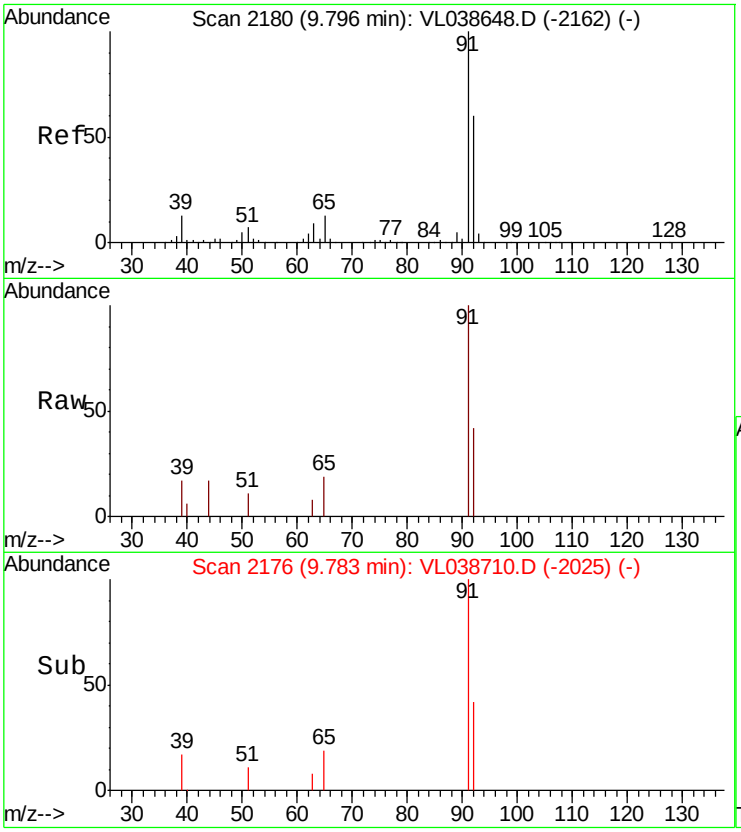


#52
Tetrachloroethene
Concen: 6.815 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.01 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion:164 Resp: 342868

Ion	Ratio	Lower	Upper
164	100		
166	132.0	103.3	154.9
129	109.3	85.2	127.8
131	102.3	78.3	117.5



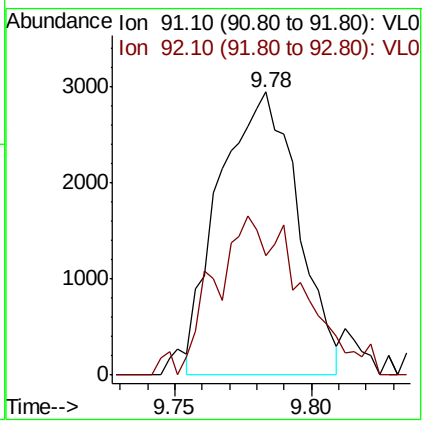


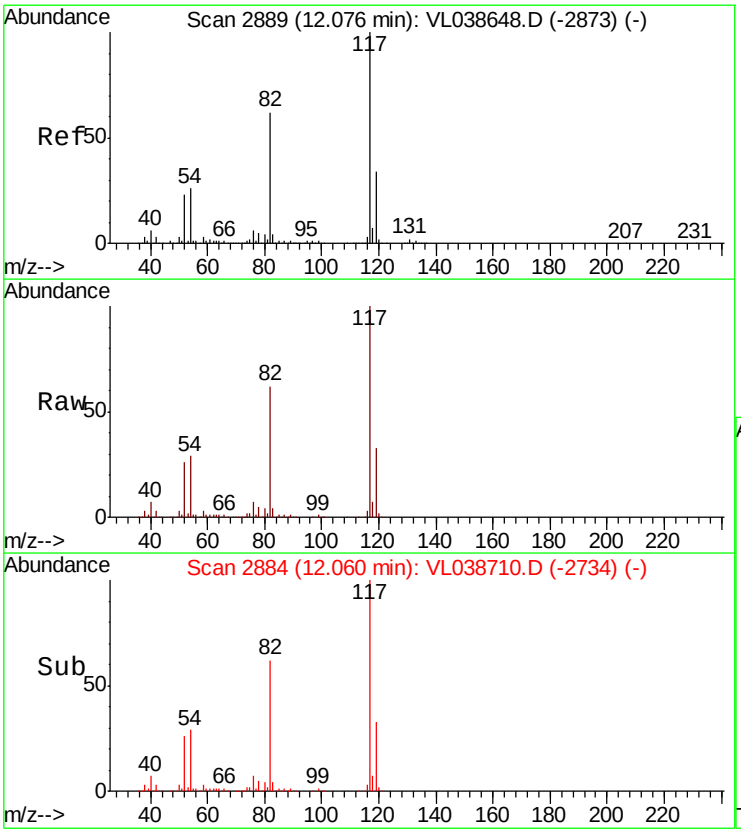
#53
Toluene
Concen: 0.040 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 91 Resp: 5879

Ion	Ratio	Lower	Upper
91	100		
92	63.3	48.7	73.1

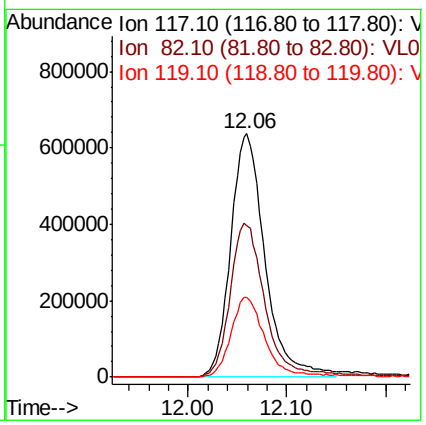


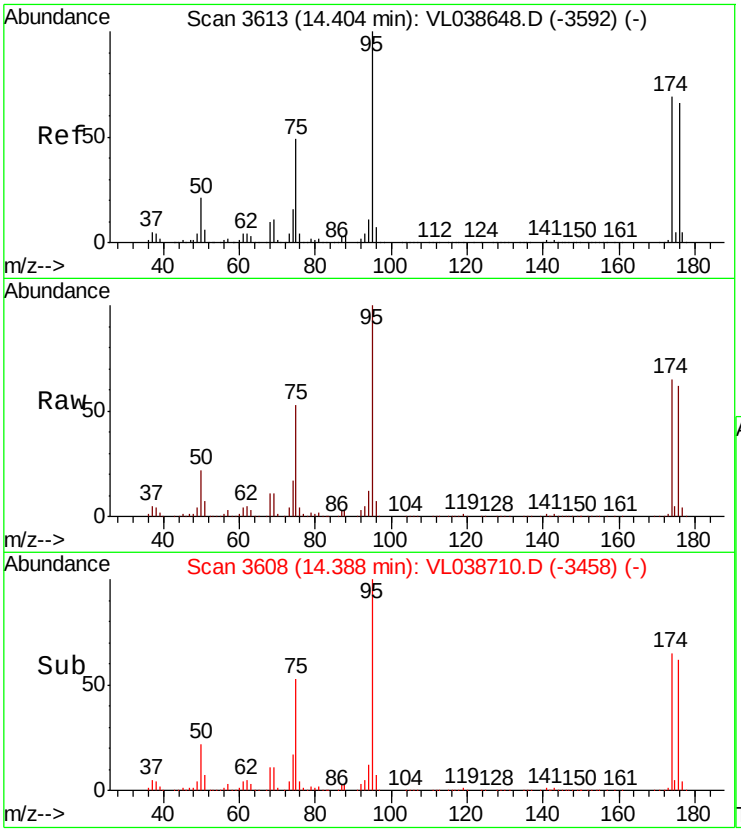


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion:117 Resp: 1541266

Ion	Ratio	Lower	Upper
117	100		
82	66.3	51.6	77.4
119	33.3	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.651 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 23 Mar 2022 9.13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 95 Resp: 1140374

Ion	Ratio	Lower	Upper
95	100		
174	71.9	56.1	84.1
175	5.1	4.2	6.2