Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037806.D
Acq On : 7 Oct 2021 21:43
Operator : SY/AP
Sample : M4079-13
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P06

Quant Time: Oct 08 10:07:23 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1267824	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.16	114	3798596	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.07	117	3181716	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2265792	10.18	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	24127	0.119	ppbv		94
3) Chlorodifluoromethane	2.96	51	73104	0.300	ppbv	#	73
4) Chloromethane	3.14	50	3703	0.042	ppbv	#	44
9) Propene	3.01	41	22670	0.253	ppbv		92
11) Trichlorofluoromethane	3.94	101	42133	0.233	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.47	101	7269	0.053	ppbv	#	54
13) Ethanol	3.60	45	69580	9.492	ppbv		92
15) Acetone	3.84	43	358620	3.151	ppbv		99
19) Isopropyl Alcohol	3.96	45	5918	0.084	ppbv	#	96
20) Methylene Chloride	4.33	84	103436	1.799	ppbv	#	88
23) Vinyl Acetate	5.06	43	9526	0.056	ppbv	#	41
25) Ethyl Acetate	5.66	43	21158	0.066	ppbv	#	92
26) Hexane	5.67	57	24797	0.158	ppbv	#	1
27) Carbon Disulfide	4.54	76	20097	0.144	ppbv	#	68
29) Chloroform	5.74	83	427554	1.902	ppbv		98
34) 2-Butanone	5.24	43	38409	0.250	ppbv	#	56
36) Benzene	6.88	78	6835	0.021	ppbv	#	63
38) Trichloroethene	7.82	130	404183	3.153	ppbv		92
39) 1,2-Dichloropropane	7.21	63	14416	0.118	ppbv	#	33
52) Tetrachloroethene	11.22	164	12668967	100.364	ppbv		98
53) Toluene	9.78	91	18157	0.050	ppbv	#	20
66) Benzyl Chloride	16.96	91	999	0.047	ppbv	#	81
74) 1,2,4-Trimethylbenzene	16.73	105	21148	0.056	ppbv	#	74
80) Naphthalene,2-methyl-	24.95	142	2099	0.034	ppbv	#	60

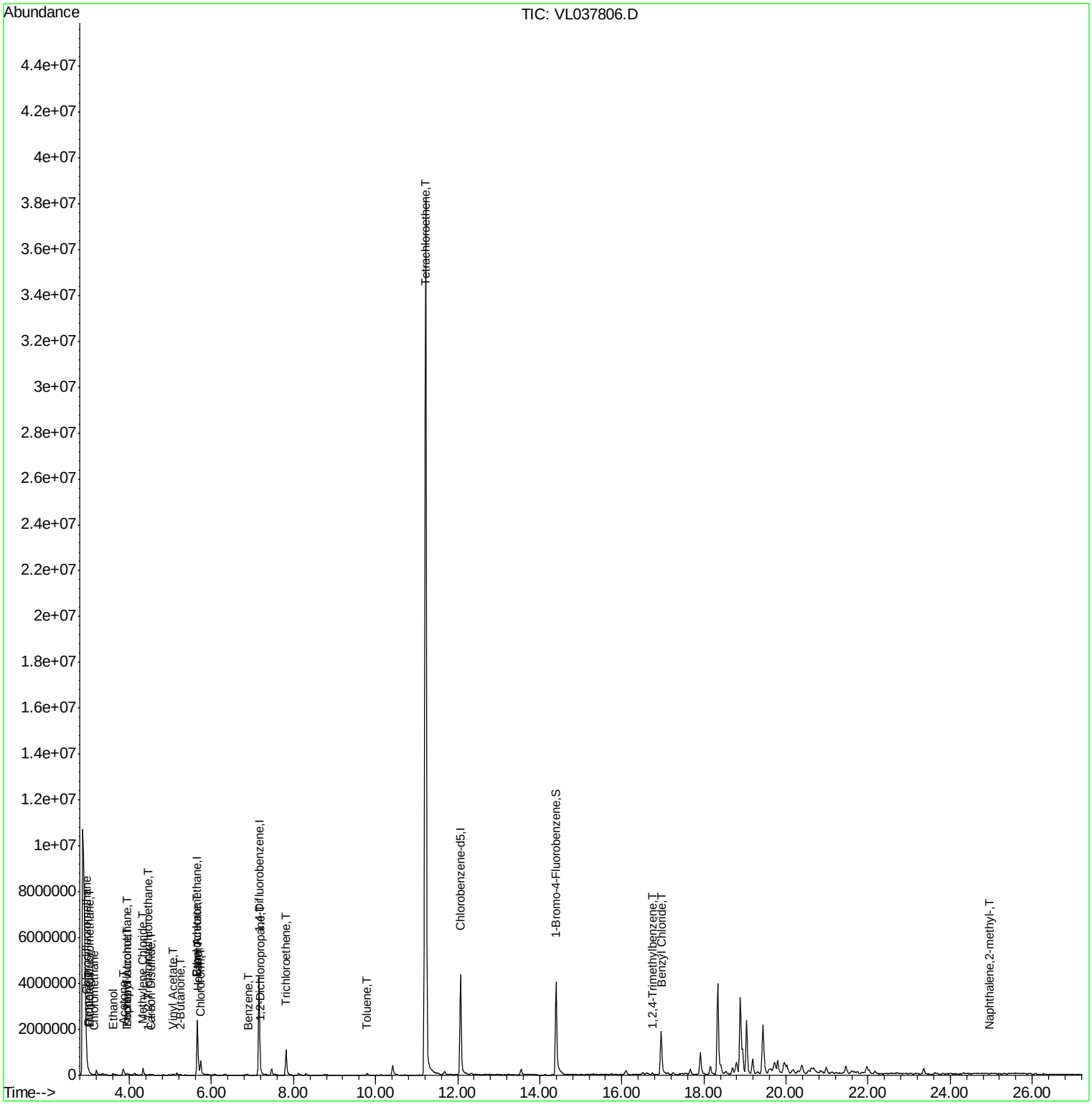
(#) = qualifier out of range (m) = manual integration (+) = signals summed

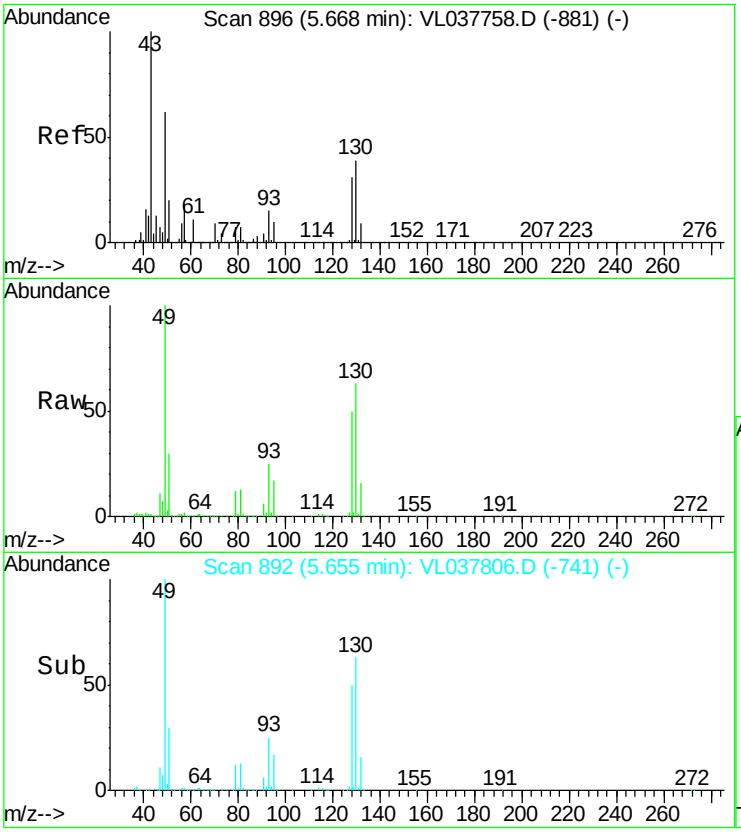
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037806.D
Acq On : 7 Oct 2021 21:43
Operator : SY/AP
Sample : M4079-13
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P06

Quant Time: Oct 08 10:07:23 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration



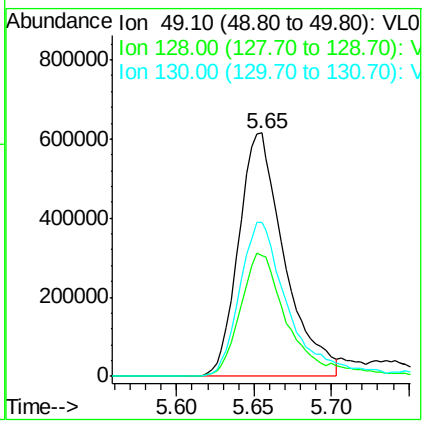


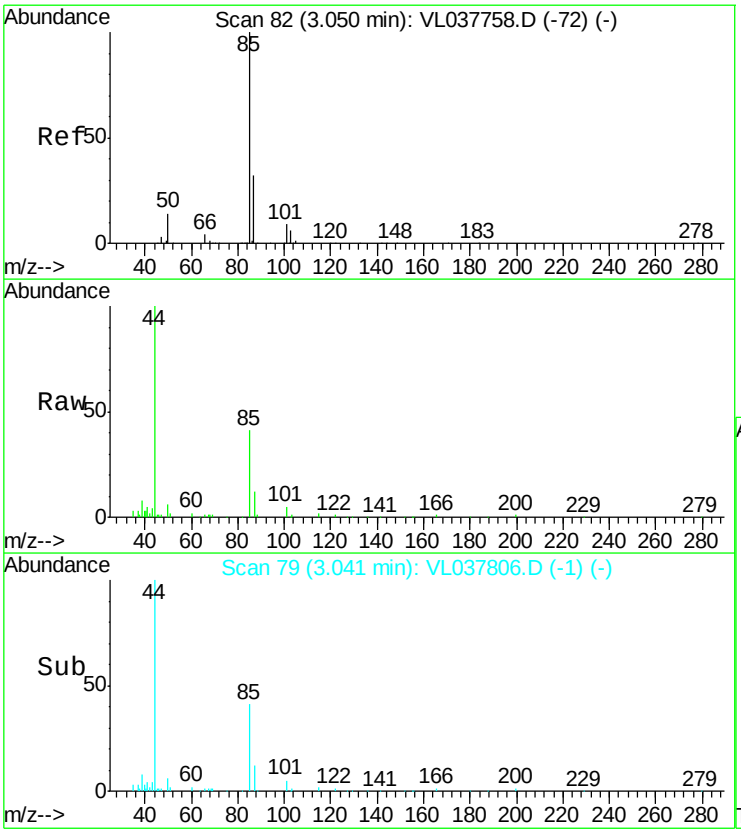
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument :
MSVOA_L
ClientSampleId :
C0P06

Tgt Ion: 49 Resp: 1267824

Ion	Ratio	Lower	Upper
49	100		
128	54.9	27.1	81.3
130	69.9	33.2	99.6

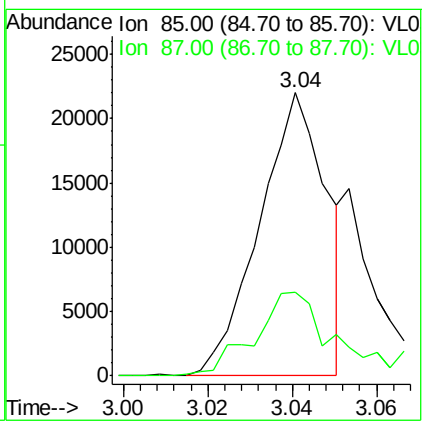


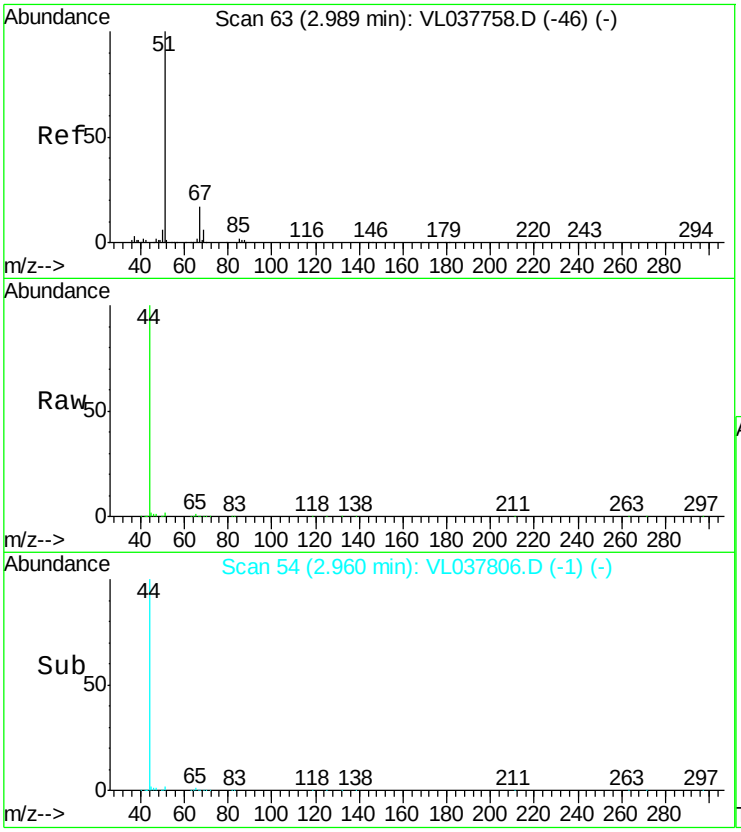


#2
Dichlorodifluoromethane
Concen: 0.119 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion: 85 Resp: 24127

Ion	Ratio	Lower	Upper
85	100		
87	29.0	25.7	38.5



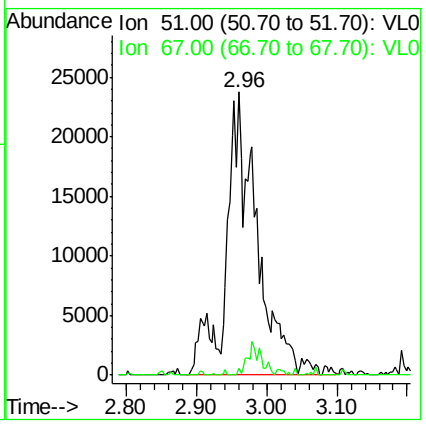


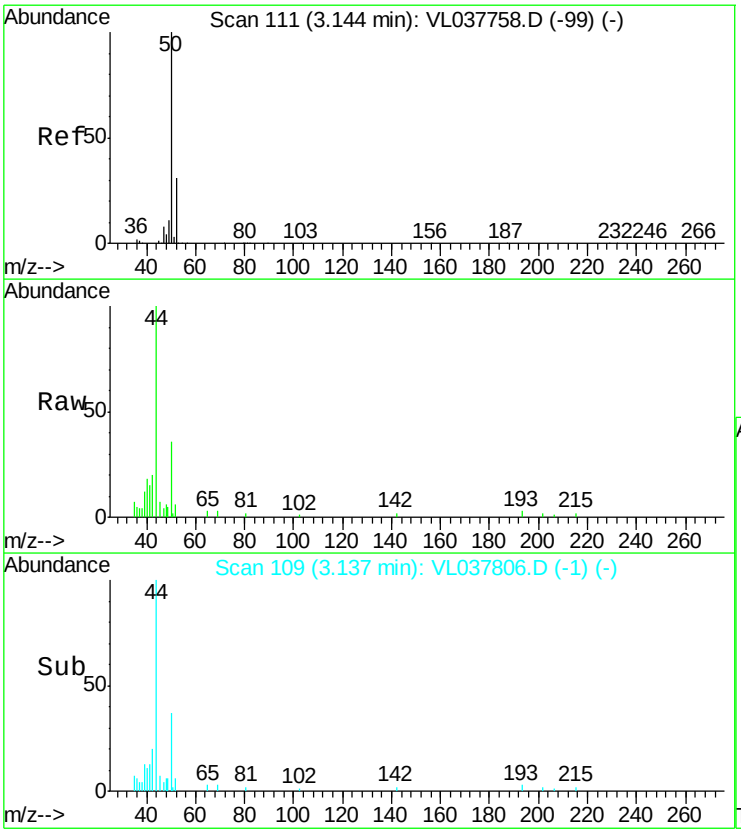
#3
Chlorodifluoromethane
Concen: 0.300 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.03 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument : MSVOA_L
ClientSampleId : C0P06

Tgt Ion: 51 Resp: 73104

Ion	Ratio	Lower	Upper
51	100		
67	5.4	13.5	20.3#

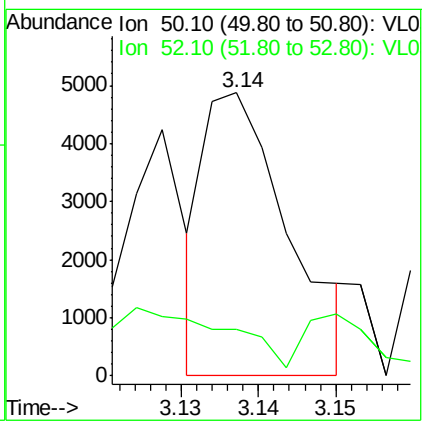


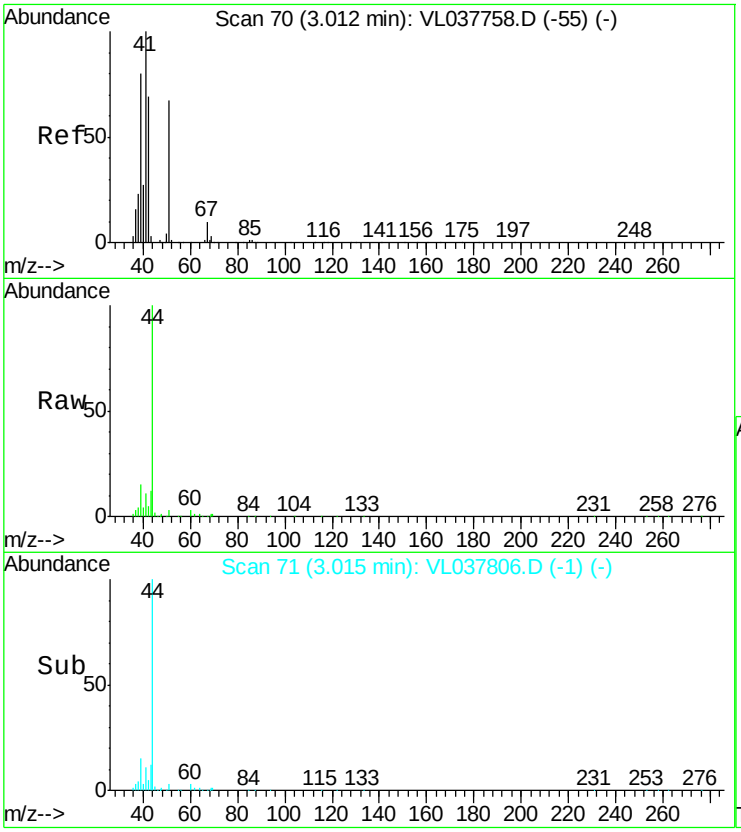


#4
Chloromethane
Concen: 0.042 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion: 50 Resp: 3703

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.4	36.6#



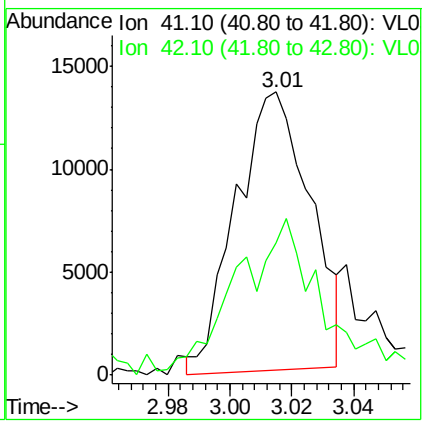


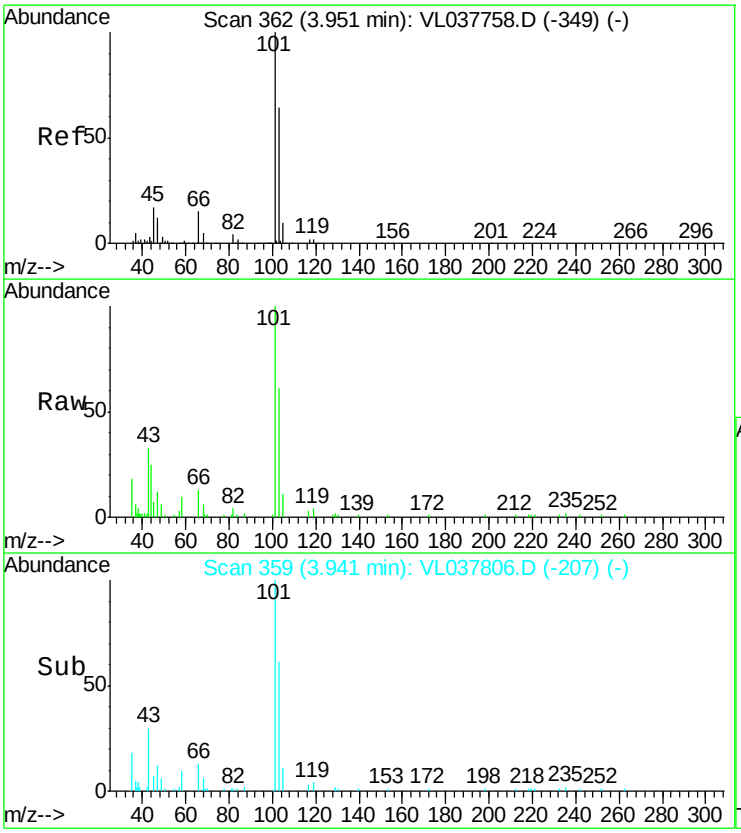
#9
Propene
Concen: 0.253 ppbv
RT: 3.01 min Scan# 71
Delta R.T. 0.00 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument :
MSVOA_L
ClientSampleId :
C0P06

Tgt Ion: 41 Resp: 22670

Ion	Ratio	Lower	Upper
41	100		
42	74.2	54.2	81.2

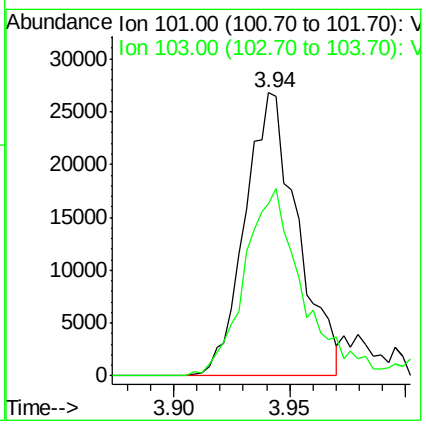


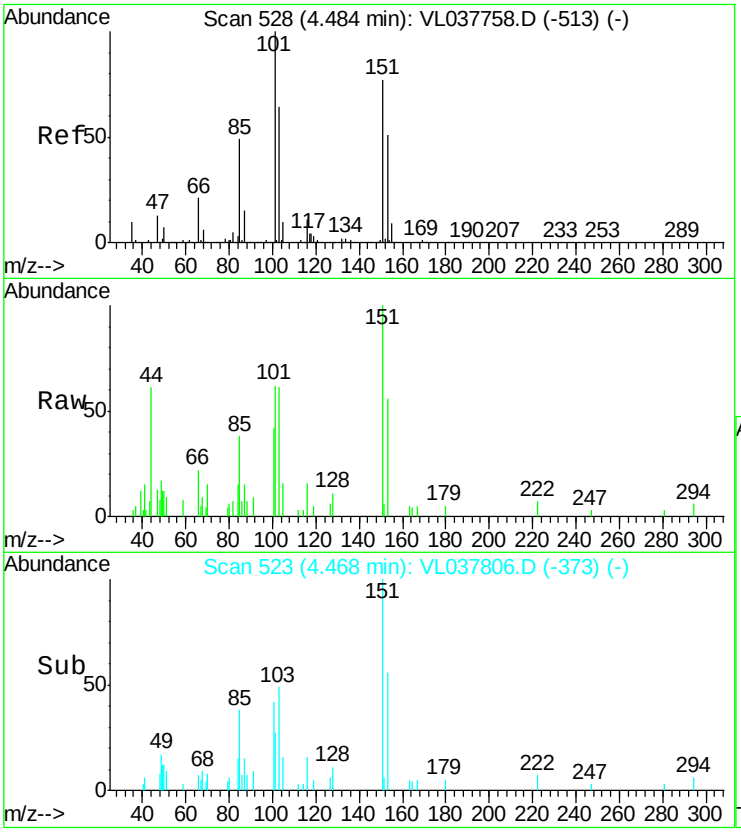


#11
Trichlorofluoromethane
Concen: 0.233 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion:101 Resp: 42133

Ion	Ratio	Lower	Upper
101	100		
103	61.0	51.5	77.3



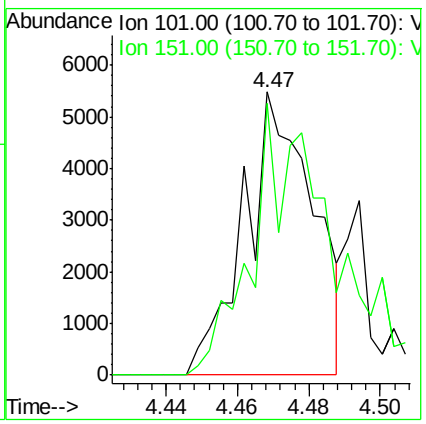


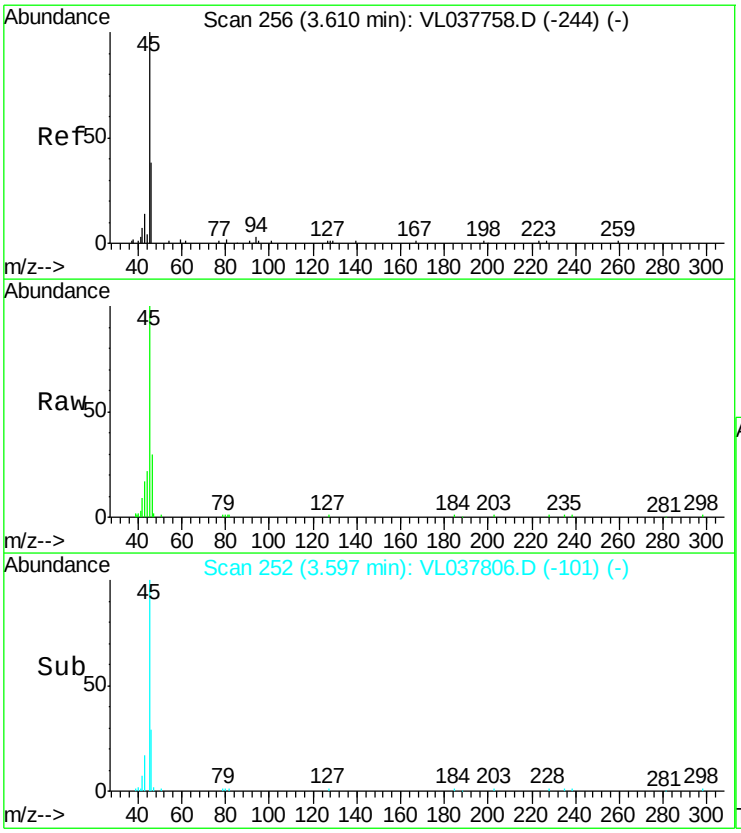
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.053 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.02 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument :
MSVOA_L
ClientSampleId :
C0P06

Tgt Ion:101 Resp: 7269

Ion	Ratio	Lower	Upper
101	100		
151	118.9	62.9	94.3#

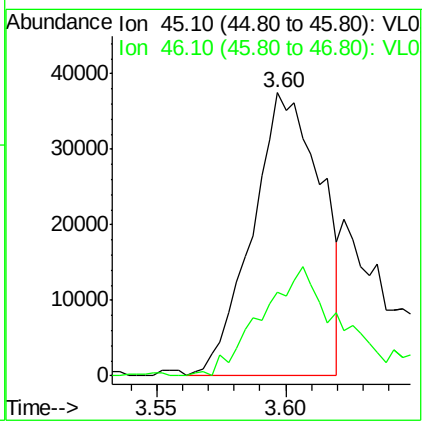


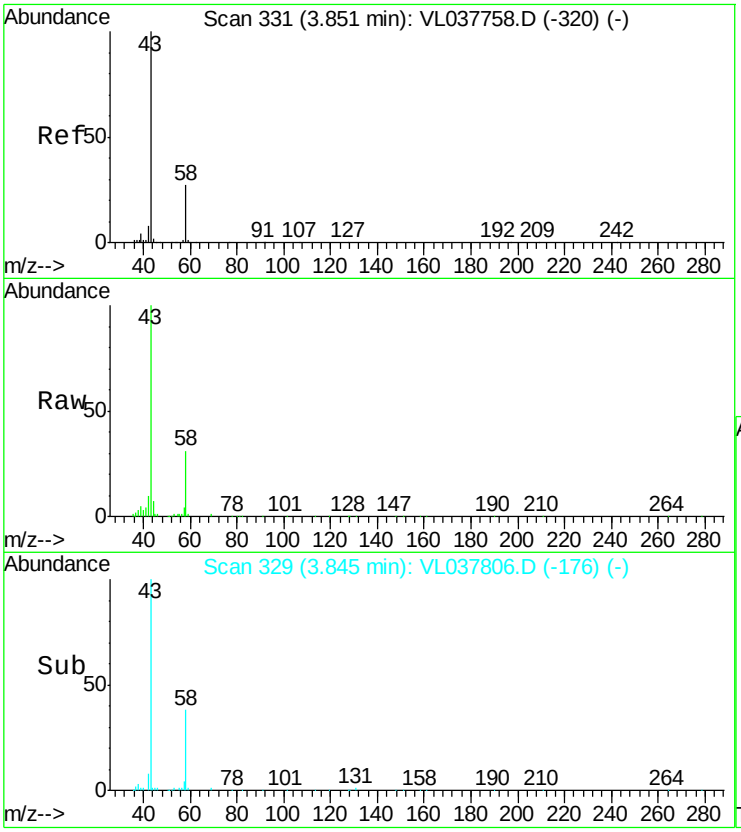


#13
Ethanol
Concen: 9.492 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion: 45 Resp: 69580

Ion	Ratio	Lower	Upper
45	100		
46	56.2	20.2	81.0



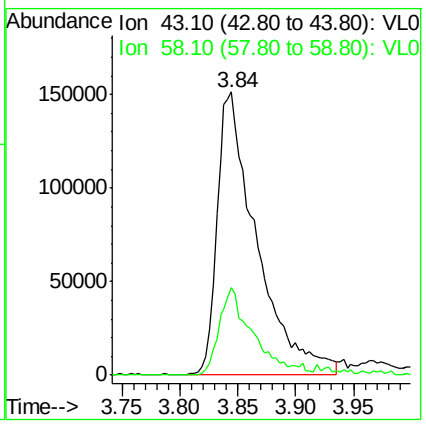


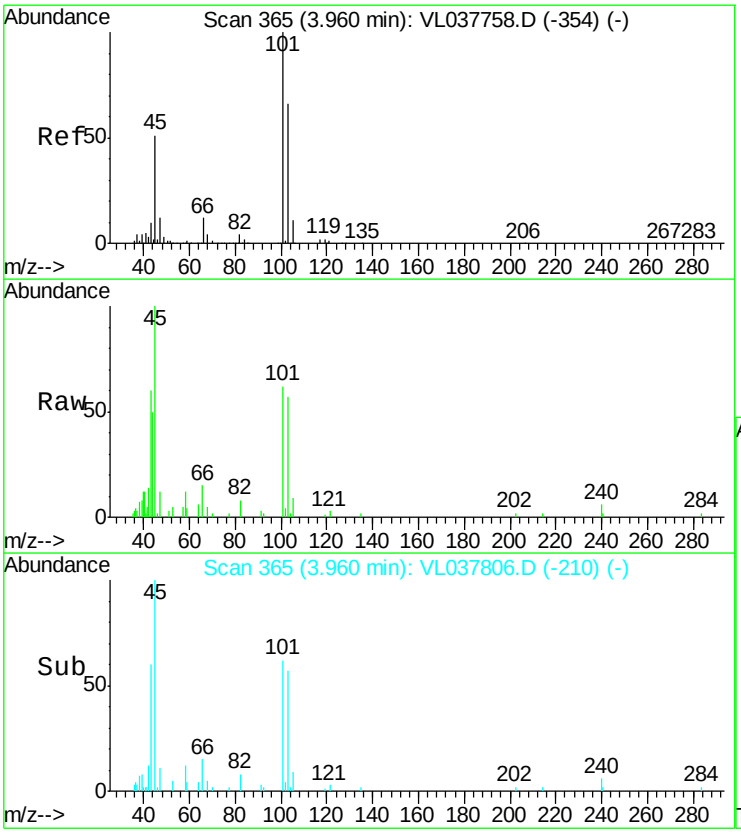
#15
Acetone
Concen: 3.151 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument :
MSVOA_L
ClientSampleId :
C0P06

Tgt Ion: 43 Resp: 358620

Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.0	34.6

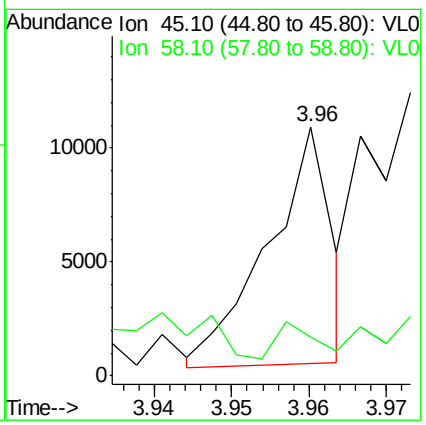


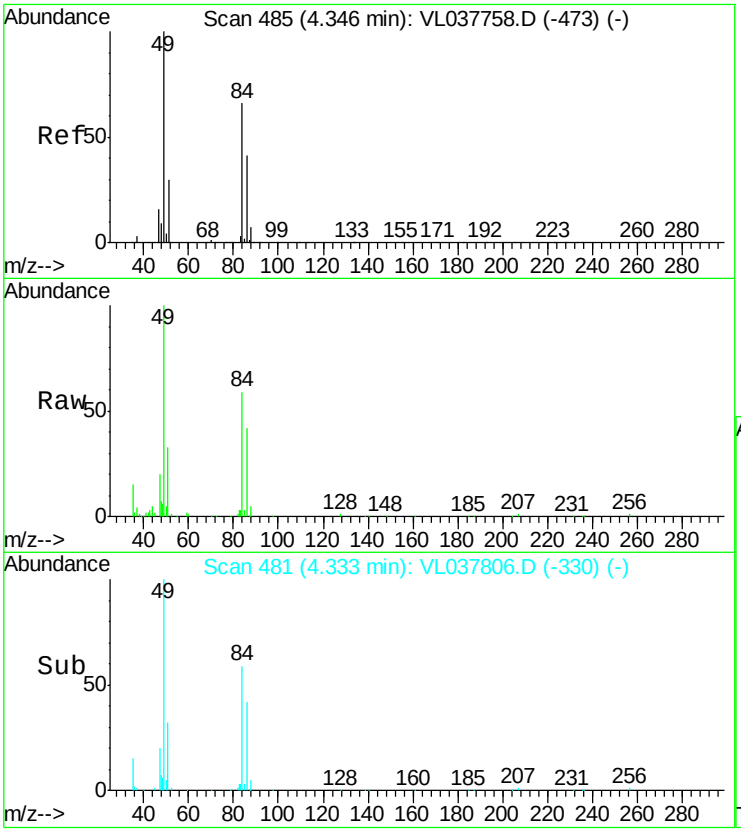


#19
Isopropyl Alcohol
Concen: 0.084 ppbv
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion: 45 Resp: 5918

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.1	1.7#



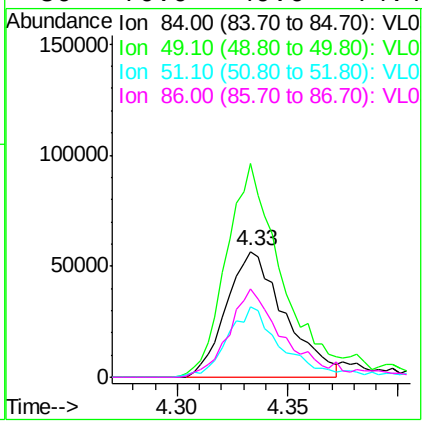


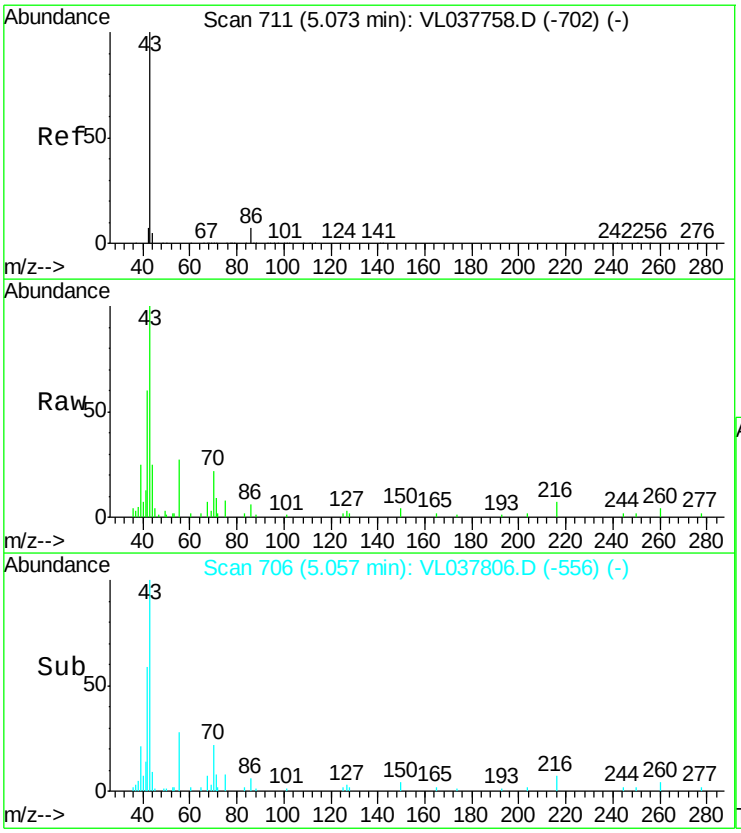
#20
Methylene Chloride
Concen: 1.799 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument : MSVOA_L
ClientSampleId : C0P06

Tgt Ion: 84 Resp: 103436

Ion	Ratio	Lower	Upper
84	100		
49	167.2	120.7	181.1
51	54.6	36.2	54.4#
86	70.0	49.6	74.4

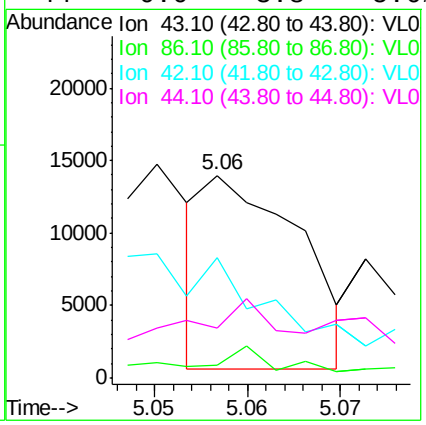


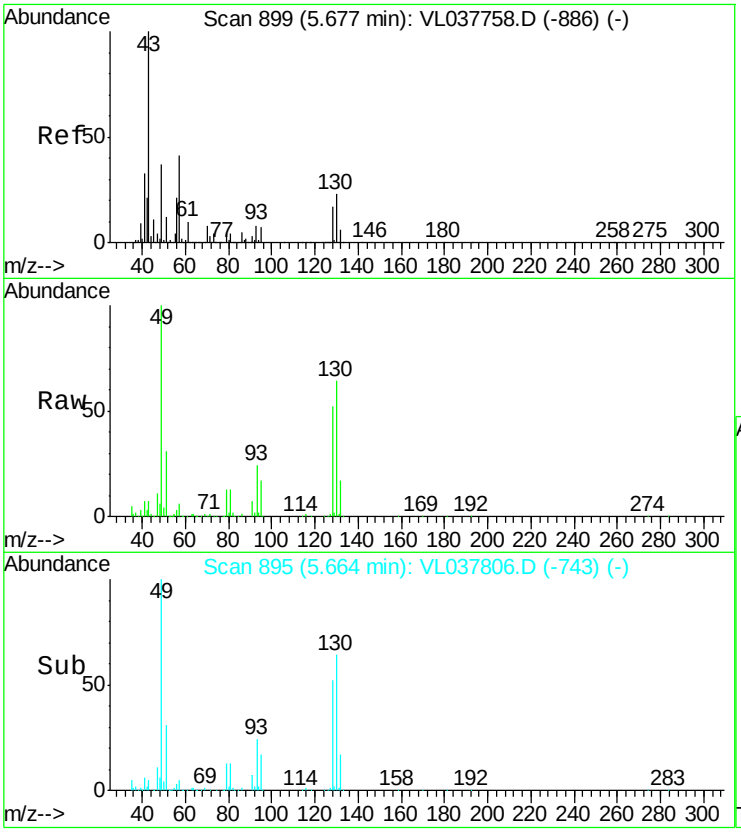


#23
Vinyl Acetate
Concen: 0.056 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.02 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion: 43 Resp: 9526

Ion	Ratio	Lower	Upper
43	100		
86	4.6	5.0	7.4#
42	52.0	7.4	11.0#
44	0.0	3.8	5.6#



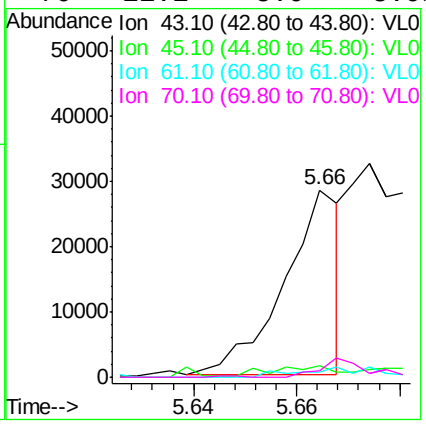


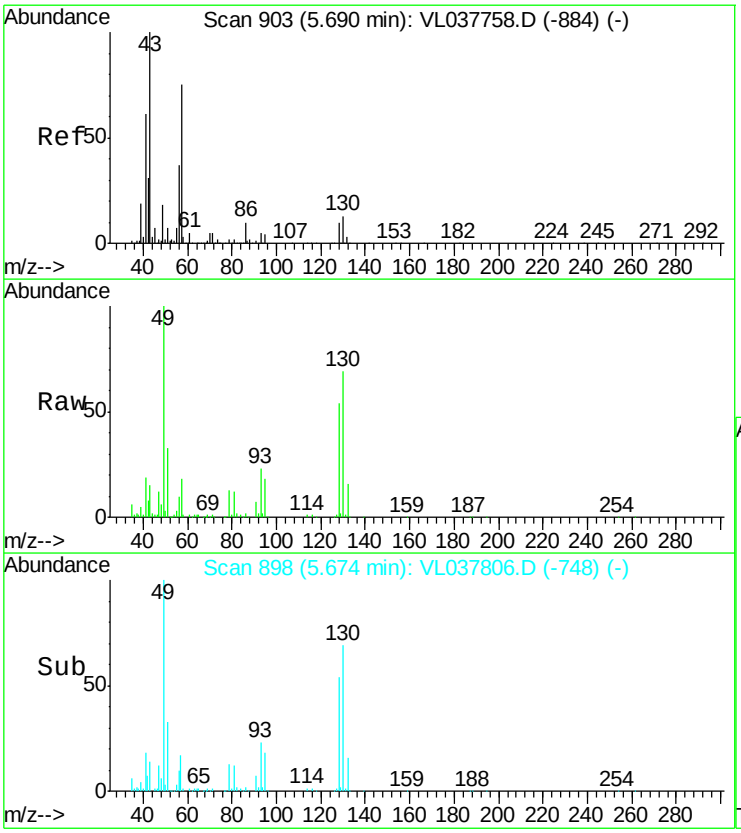
#25
Ethyl Acetate
Concen: 0.066 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument : MSVOA_L
ClientSampleId : C0P06

Tgt Ion: 43 Resp: 21158

Ion	Ratio	Lower	Upper
43	100		
45	14.7	8.1	12.1#
61	9.9	7.5	11.3
70	11.1	5.9	8.9#

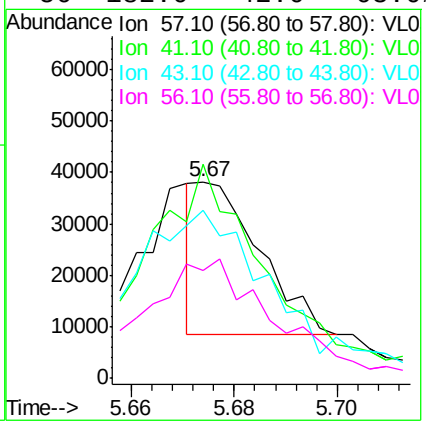


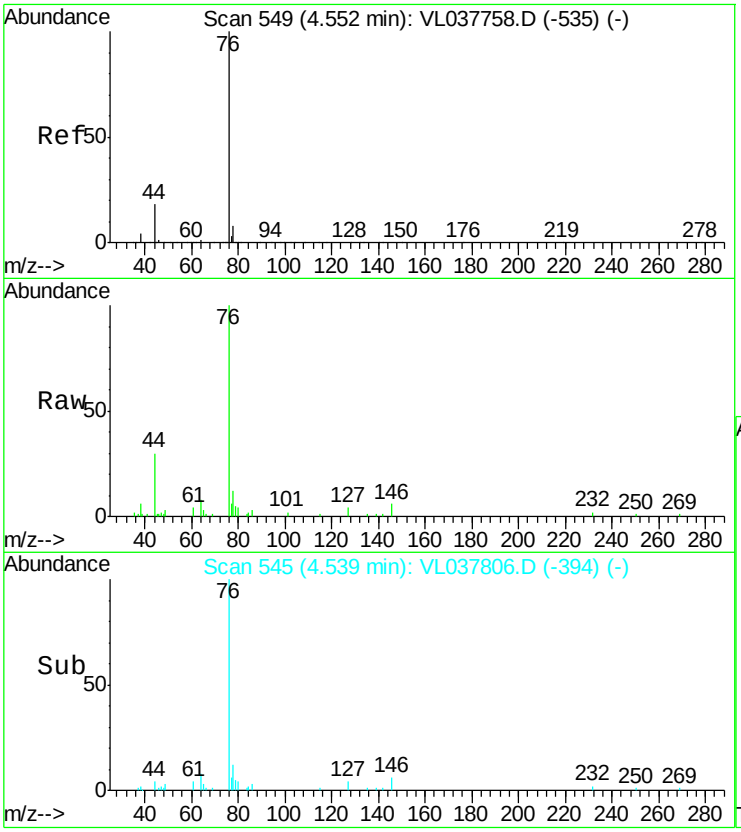


#26
Hexane
Concen: 0.158 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion: 57 Resp: 24797

Ion	Ratio	Lower	Upper
57	100		
41	316.6	69.6	104.4#
43	272.2	171.4	257.0#
56	182.0	42.0	63.0#



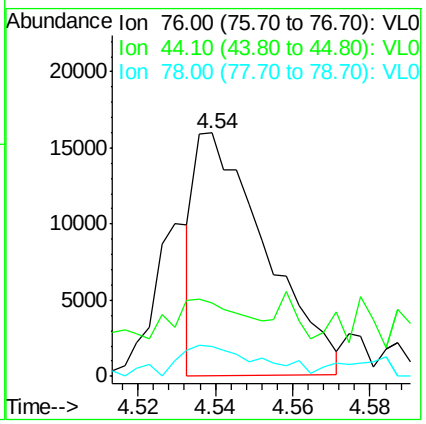


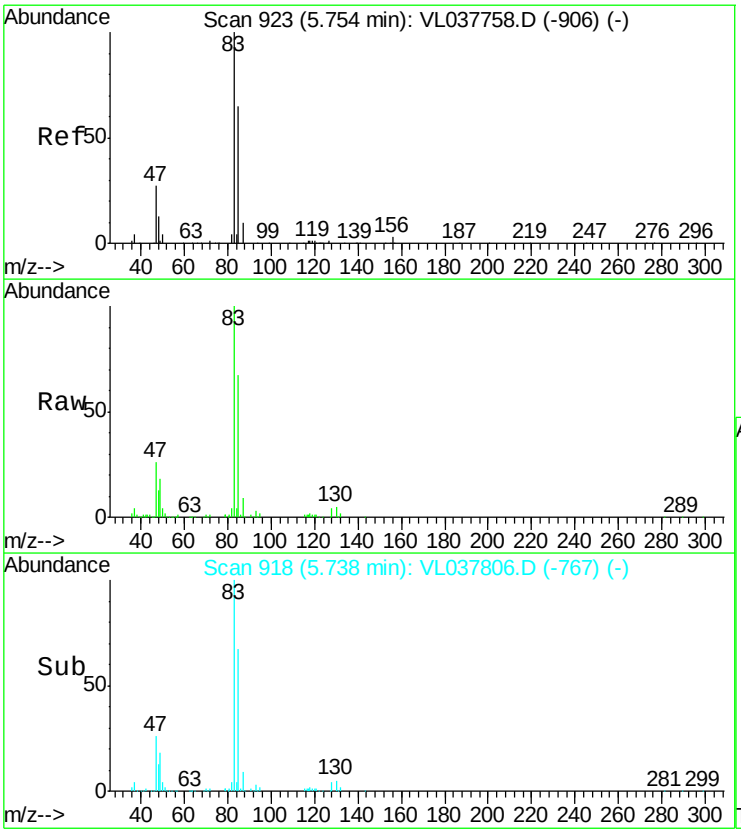
#27
Carbon Disulfide
Concen: 0.144 ppbv
RT: 4.54 min Scan# 545
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument : MSVOA_L
ClientSampleId : C0P06

Tgt Ion: 76 Resp: 20097

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.3	21.5#
78	15.6	7.8	11.6#

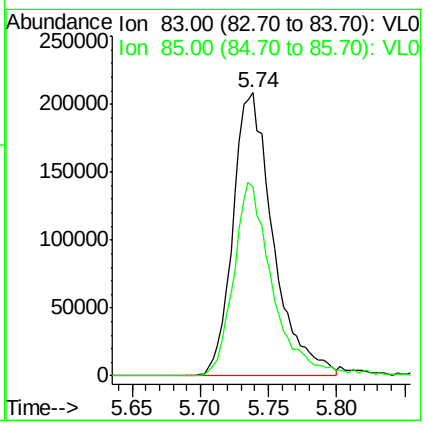


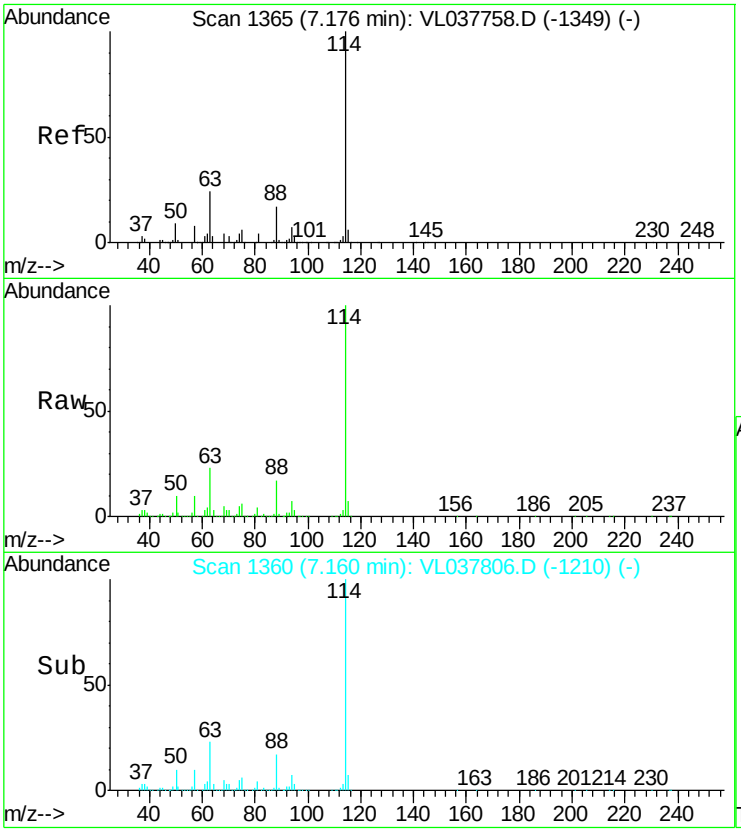


#29
Chloroform
Concen: 1.902 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.02 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion: 83 Resp: 427554

Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.8	77.8



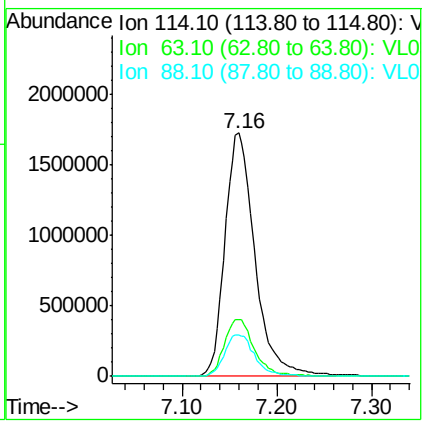


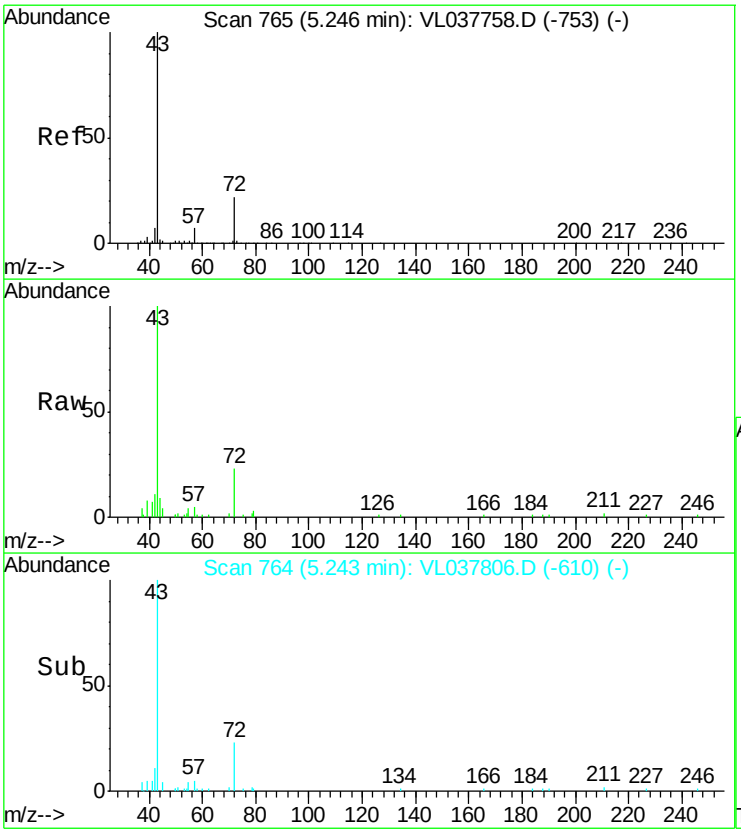
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument :
MSVOA_L
ClientSampleId :
C0P06

Tgt Ion:114 Resp: 3798596

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.4	29.2
88	17.6	14.4	21.6

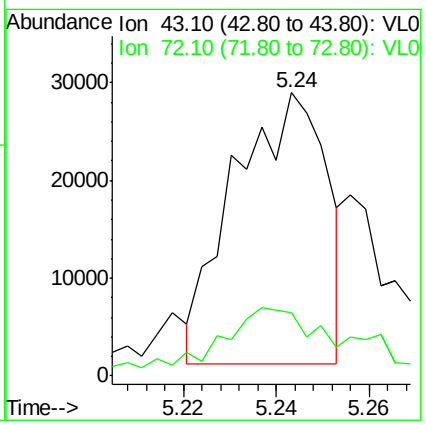


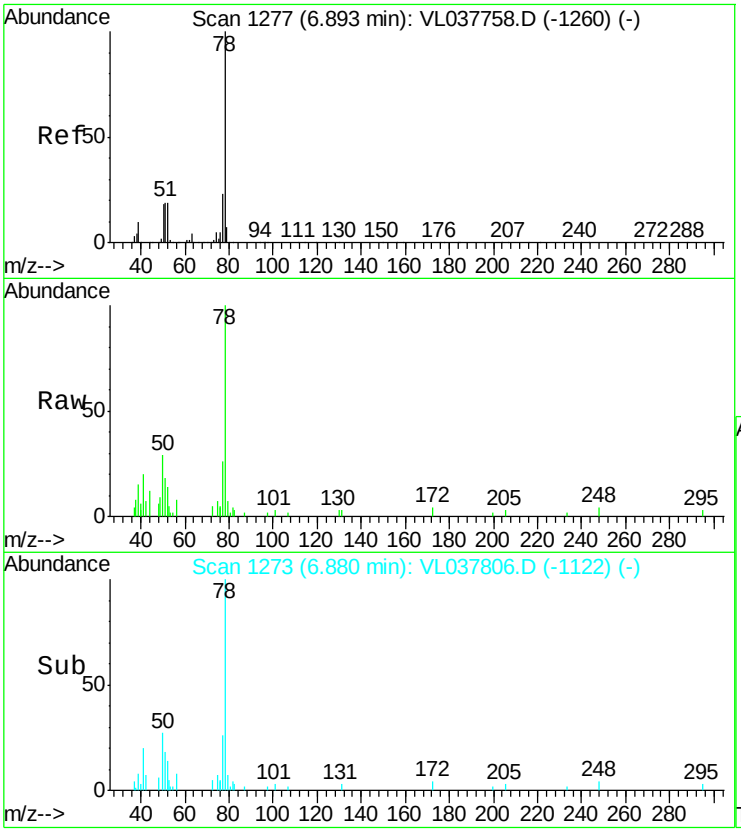


#34
2-Butanone
Concen: 0.250 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.00 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion: 43 Resp: 38409

Ion	Ratio	Lower	Upper
43	100		
72	44.0	18.2	27.2#



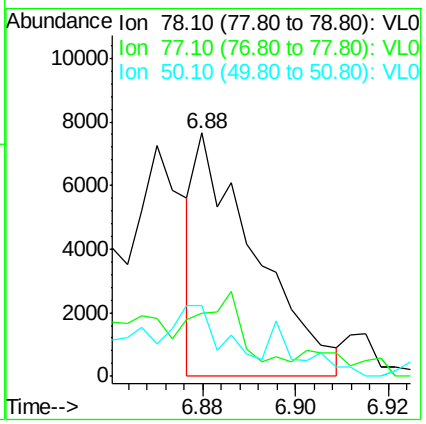


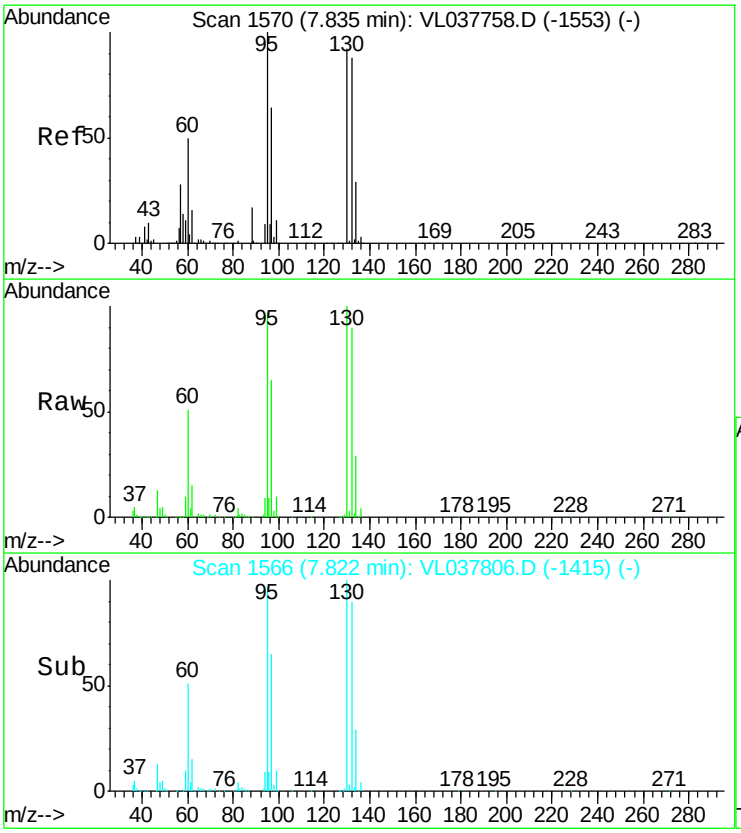
#36
Benzene
Concen: 0.021 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument :
MSVOA_L
ClientSampleId :
C0P06

Tgt Ion: 78 Resp: 6835

Ion	Ratio	Lower	Upper
78	100		
77	18.5	18.8	28.2#
50	49.7	14.7	22.1#

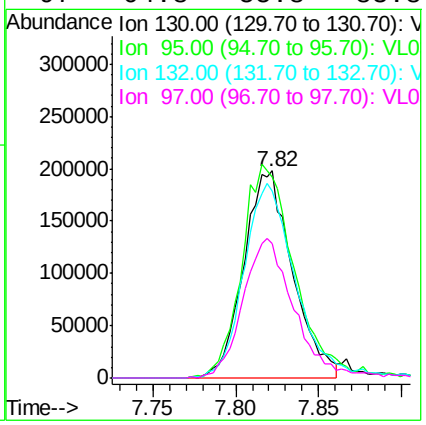


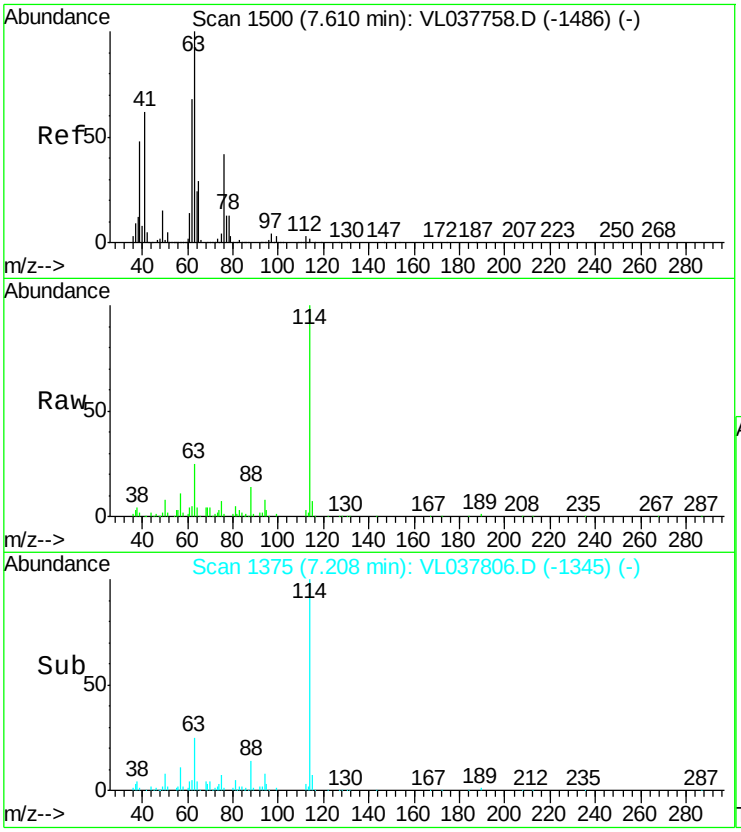


#38
Trichloroethene
Concen: 3.153 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion:130 Resp: 404183

Ion	Ratio	Lower	Upper
130	100		
95	97.0	87.4	131.0
132	90.2	76.8	115.2
97	64.8	55.8	83.8



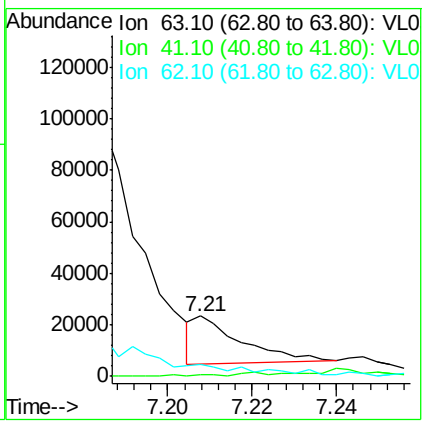


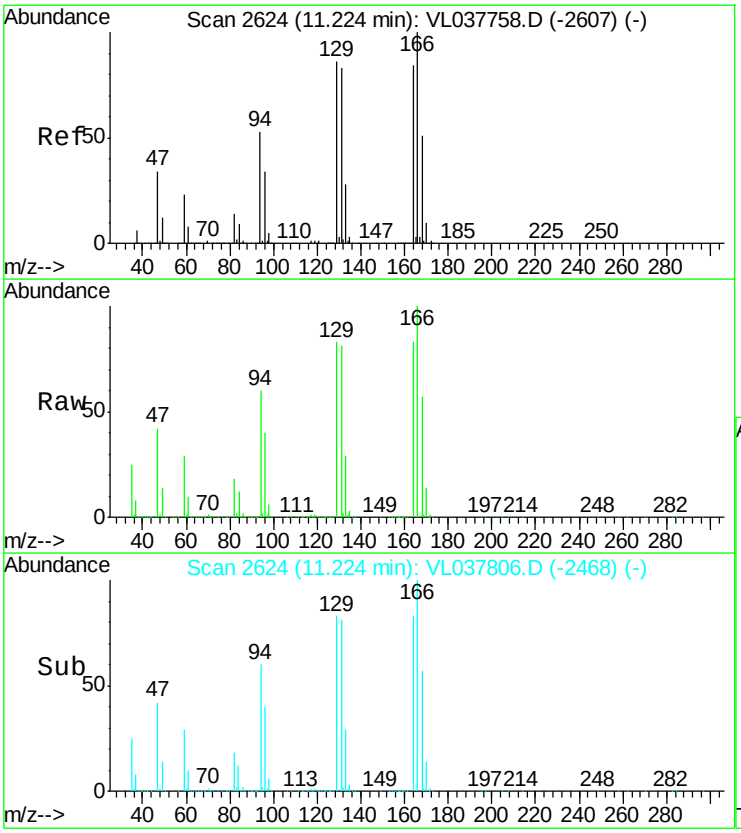
#39
1,2-Dichloropropane
Concen: 0.118 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.40 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument : MSVOA_L
ClientSampleId : C0P06

Tgt Ion: 63 Resp: 14416

Ion	Ratio	Lower	Upper
63	100		
41	2.3	49.8	74.6#
62	22.1	54.6	82.0#

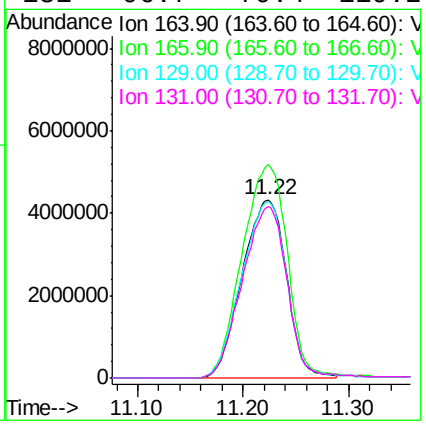


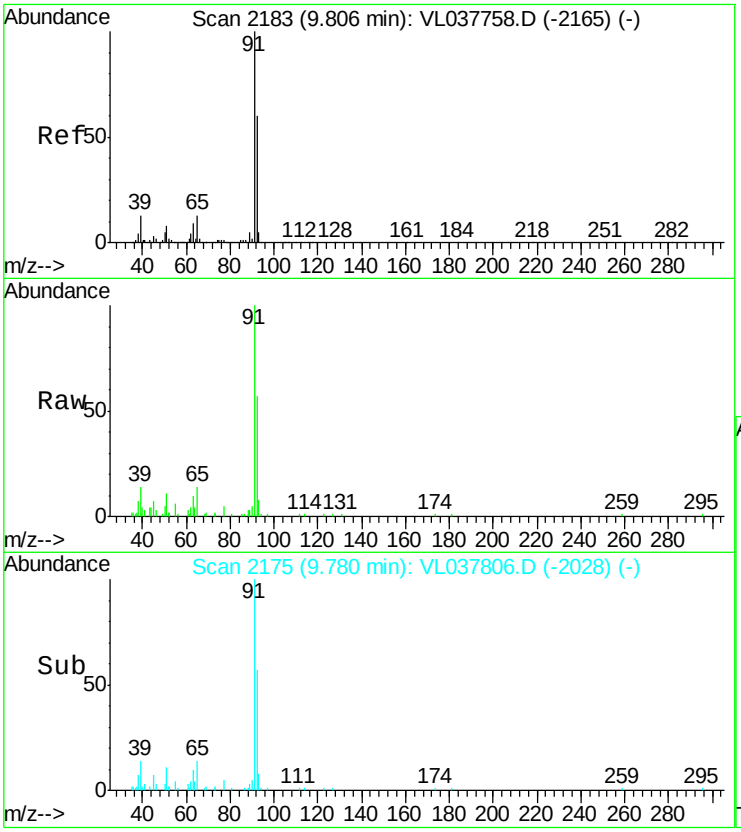


#52
Tetrachloroethene
Concen: 100.364 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.00 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion:164 Resp:12668967

Ion	Ratio	Lower	Upper
164	100		
166	120.0	95.4	143.2
129	99.5	82.2	123.4
131	96.7	79.4	119.2



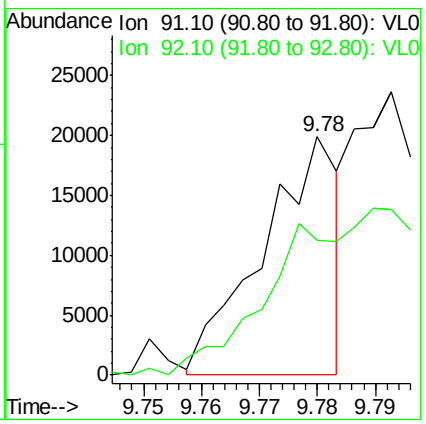


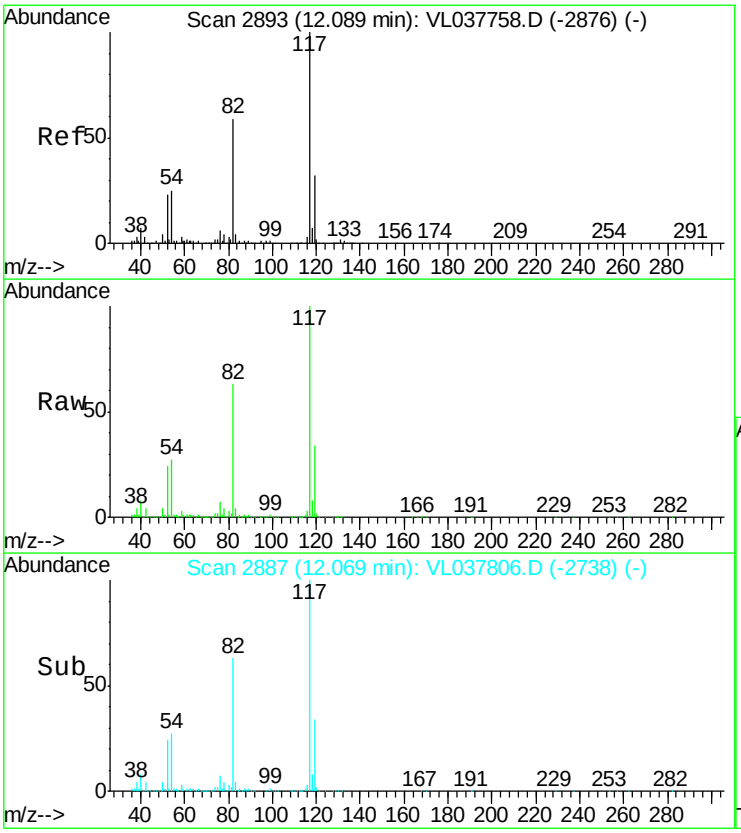
#53
Toluene
Concen: 0.050 ppbv
RT: 9.78 min Scan# 2175
Delta R.T. -0.03 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Instrument : MSVOA_L
ClientSampleId : C0P06

Tgt Ion: 91 Resp: 18157

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.4	72.6#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037806.D
Acq: 7 Oct 2021 21:43

Tgt Ion:117 Resp: 3181716

Ion	Ratio	Lower	Upper
117	100		
82	63.3	52.2	78.2
119	33.5	26.0	39.0

