Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
Data File : VL037793.D
Acq On : 6 Oct 2021 3:45
Operator : SY/AP
Sample : M4012-16DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Quant Time: Oct 06 04:50:34 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	1169426	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3489439	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	2979758	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2022050	9.70	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.98	51	7882	0.035	ppbv #	68
9) Propene	3.00	41	4708	0.057	ppbv #	16
11) Trichlorofluoromethane	3.93	101	4063	0.024	ppbv #	72
13) Ethanol	3.59	45	43940	6.499	ppbv	97
15) Acetone	3.84	43	39389	0.375	ppbv #	1
19) Isopropyl Alcohol	3.95	45	643457	9.852	ppbv #	96
20) Methylene Chloride	4.33	84	23195	0.437	ppbv #	74
25) Ethyl Acetate	5.66	43	12430	0.042	ppbv #	67
26) Hexane	5.67	57	11899	0.082	ppbv #	44
27) Carbon Disulfide	4.54	76	18944	0.147	ppbv #	64
34) 2-Butanone	5.23	43	6265	0.044	ppbv #	53
39) 1,2-Dichloropropane	7.15	63	829897	7.403	ppbv #	27
52) Tetrachloroethene	11.19	164	247967	2.138	ppbv	94
53) Toluene	9.78	91	17570	0.053	ppbv #	28
75) 1,3-Dichlorobenzene	16.95	146	9809	0.044	ppbv #	23

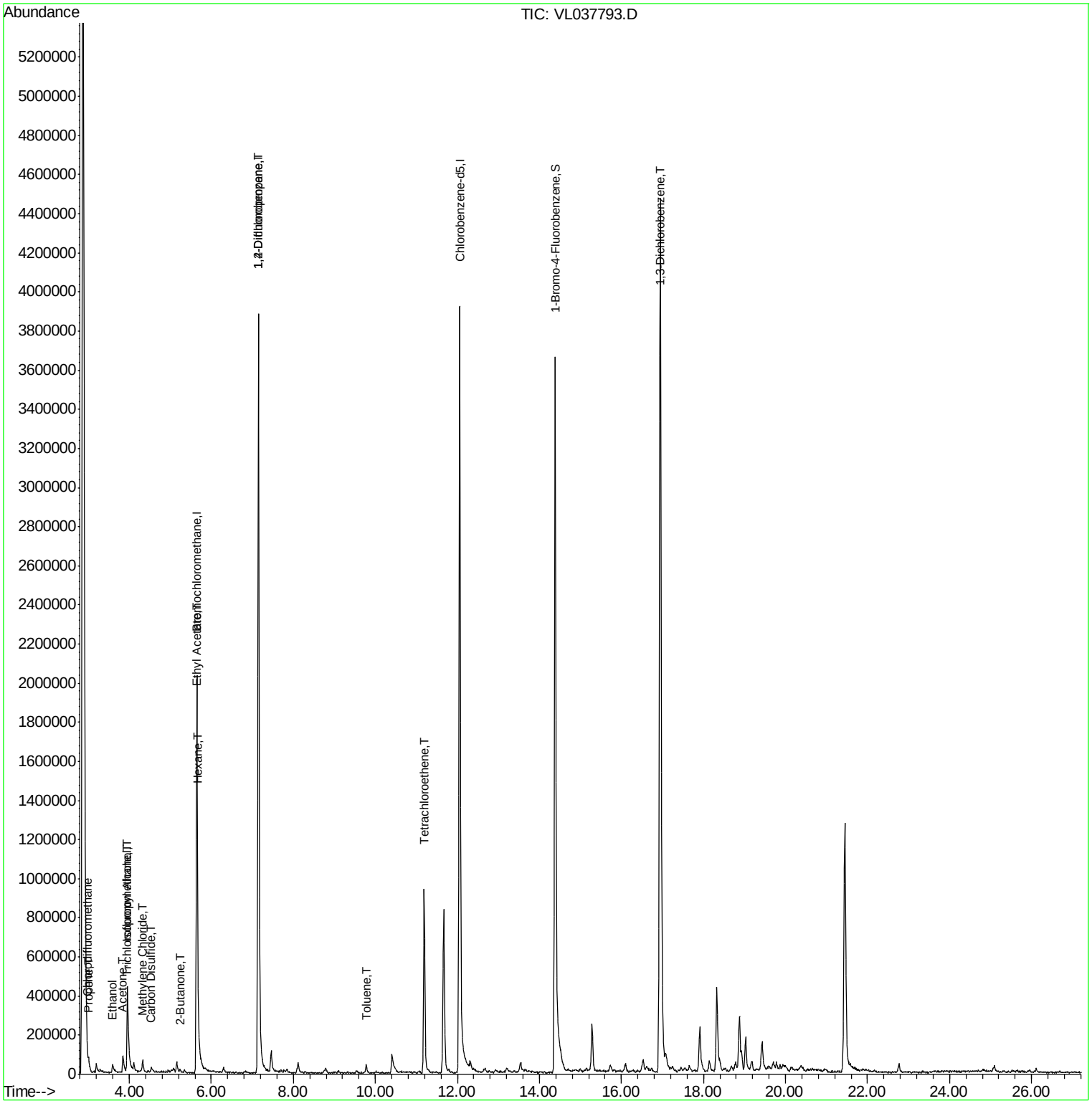
(#) = qualifier out of range (m) = manual integration (+) = signals summed

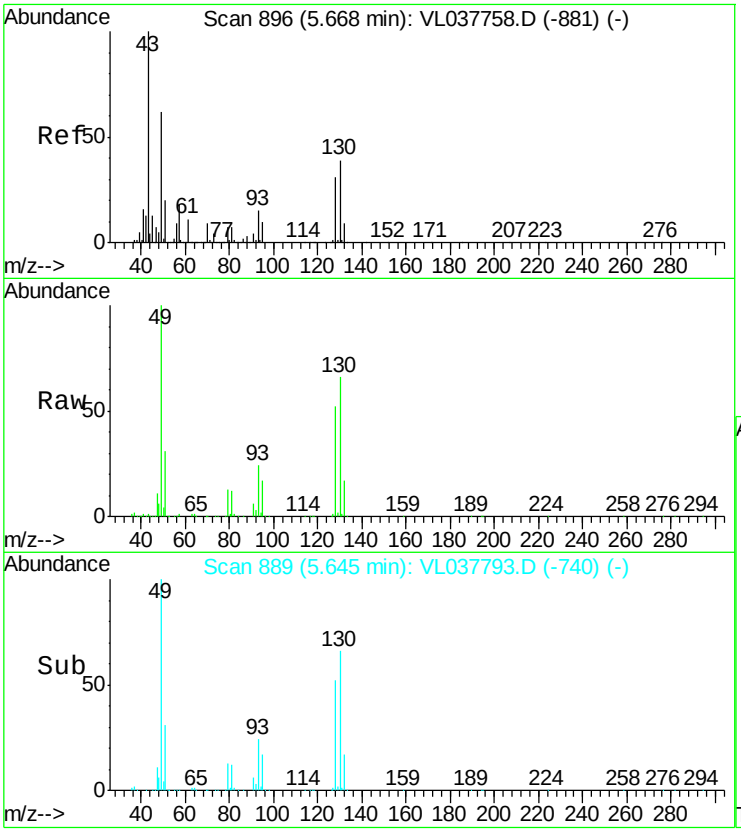
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
Data File : VL037793.D
Acq On : 6 Oct 2021 3:45
Operator : SY/AP
Sample : M4012-16DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Quant Time: Oct 06 04:50:34 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



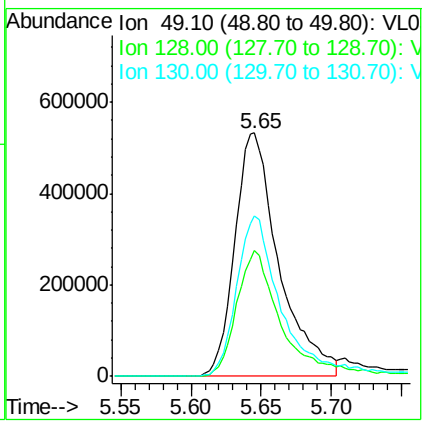


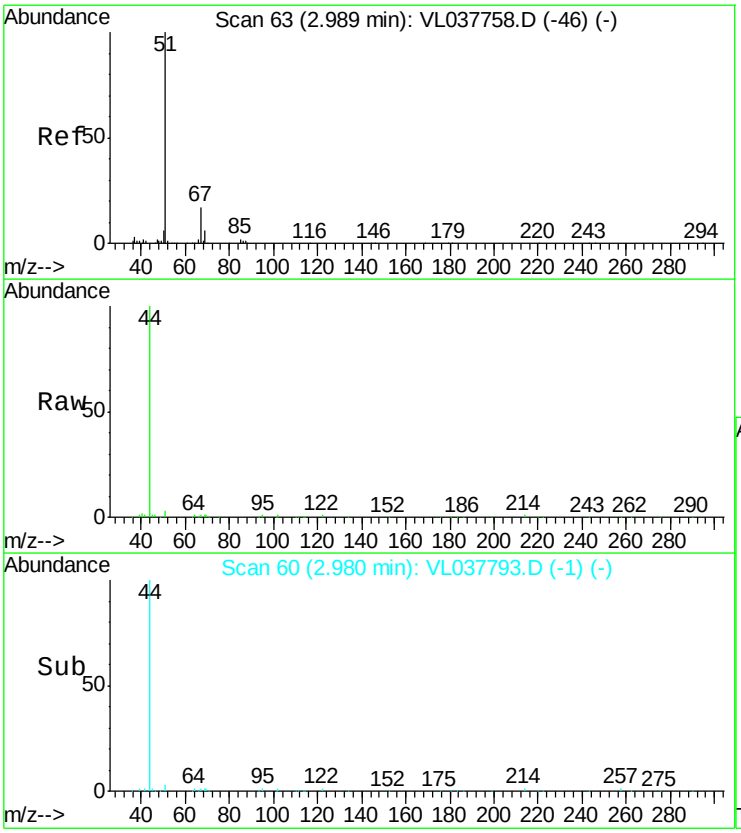
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Tgt Ion: 49 Resp: 1169426

Ion	Ratio	Lower	Upper
49	100		
128	54.0	27.1	81.3
130	69.3	33.2	99.6

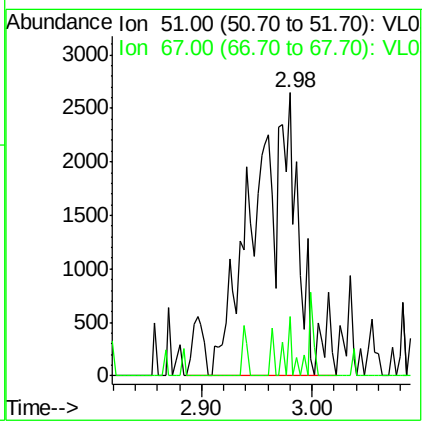


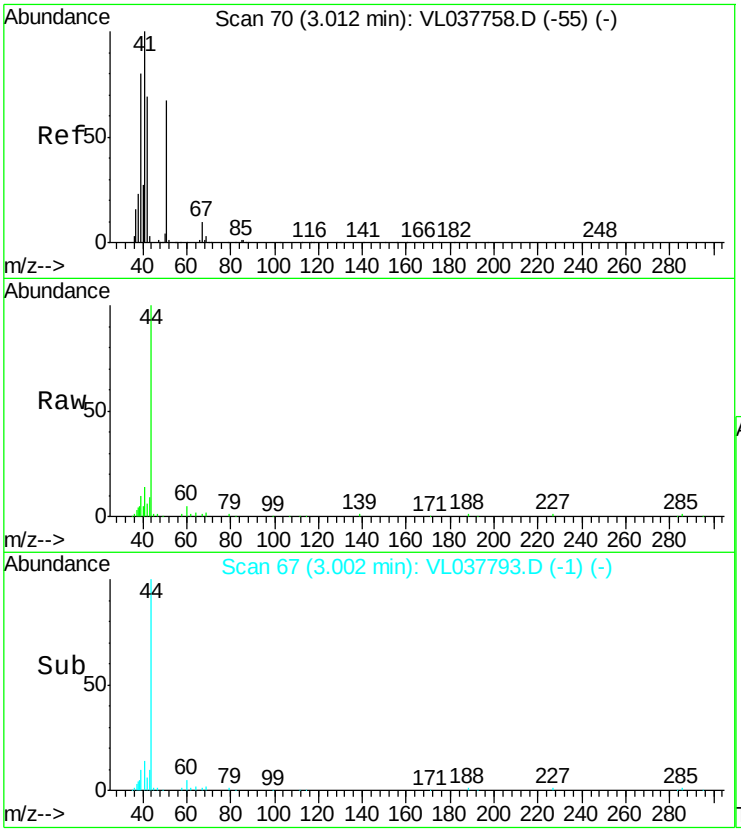


#3
Chlorodifluoromethane
Concen: 0.035 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion: 51 Resp: 7882

Ion	Ratio	Lower	Upper
51	100		
67	3.2	13.5	20.3#



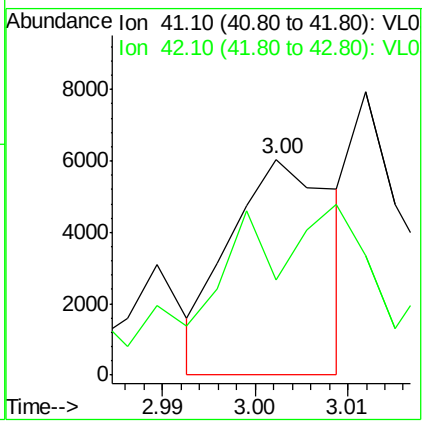


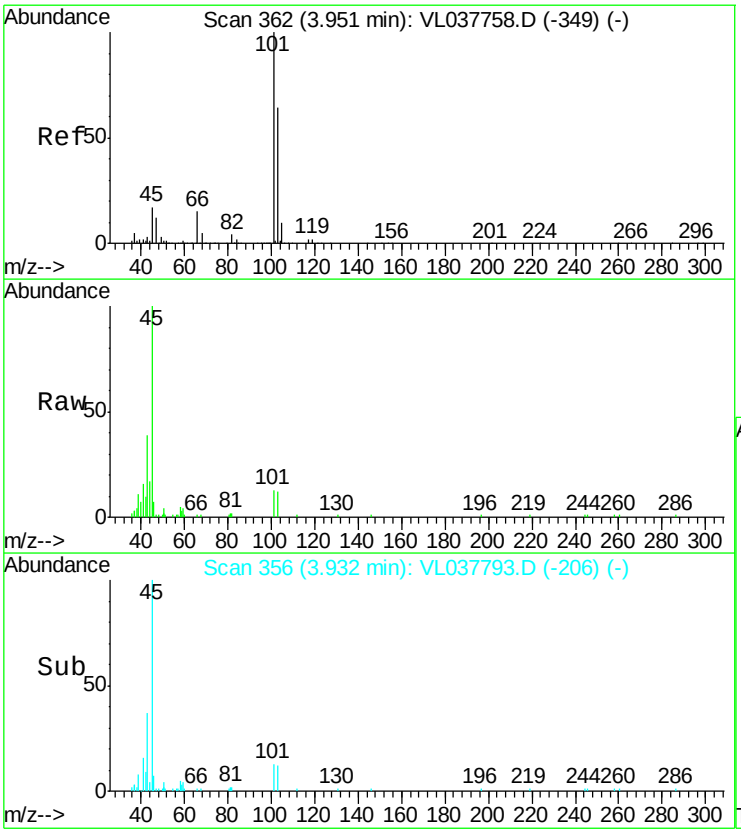
#9
Propene
Concen: 0.057 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.01 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Tgt Ion: 41 Resp: 4708

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.2	81.2#

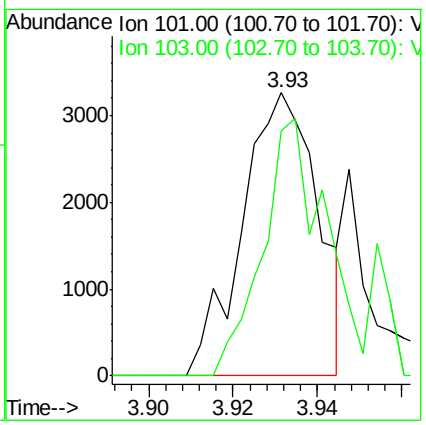


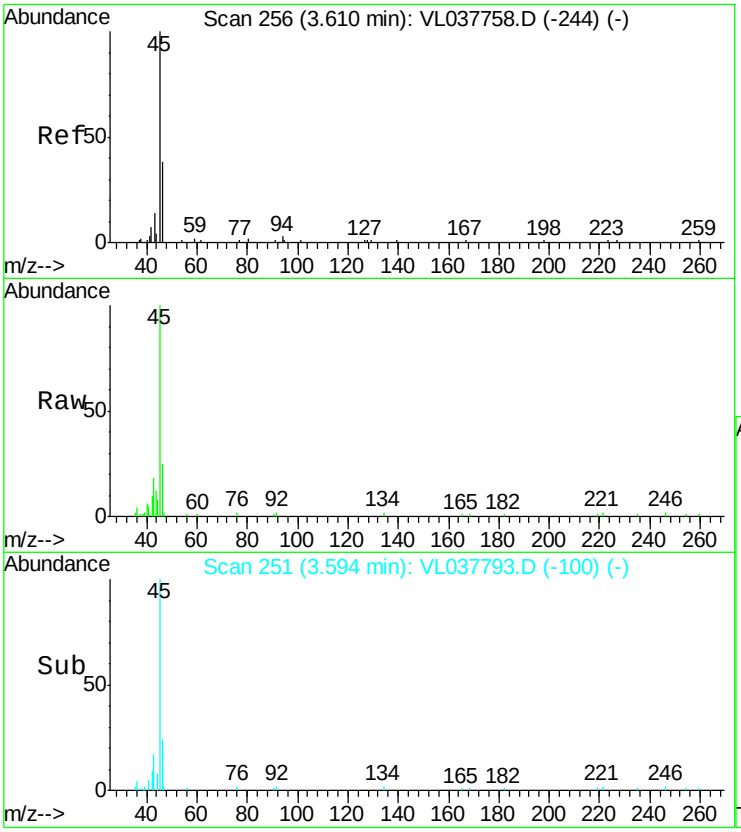


#11
Trichlorofluoromethane
Concen: 0.024 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.02 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion:101 Resp: 4063

Ion	Ratio	Lower	Upper
101	100		
103	86.8	51.5	77.3#



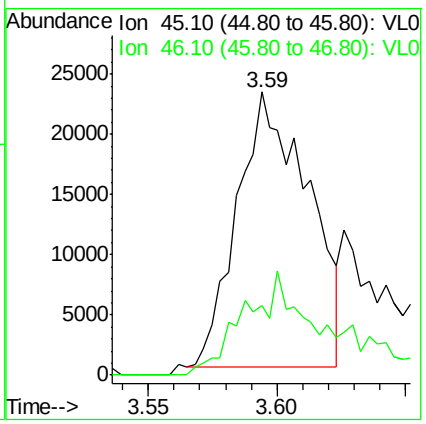


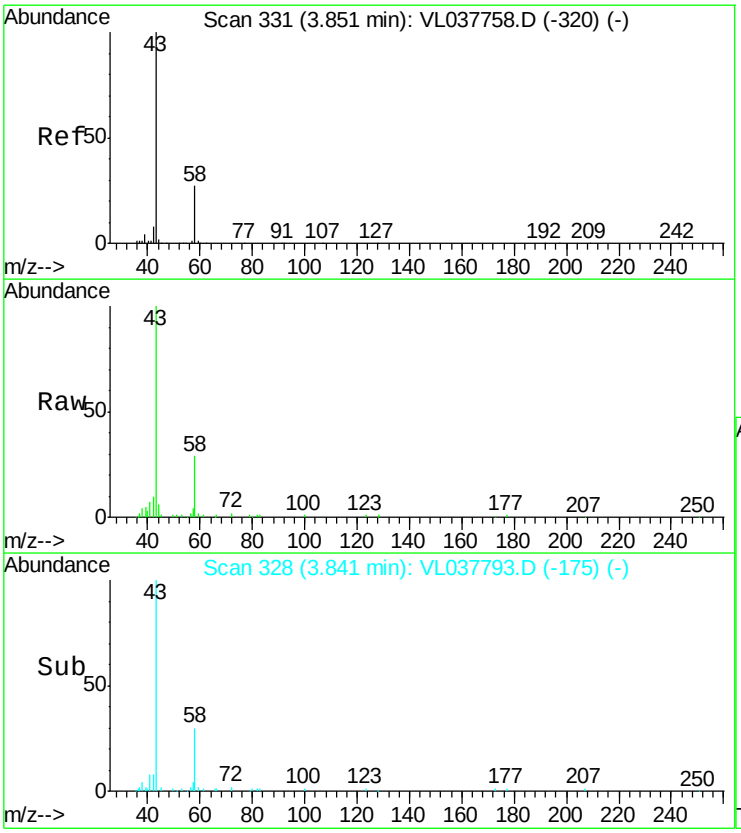
#13
Ethanol
Concen: 6.499 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument :
MSVOA_L
ClientSampleId :
C0P11DL

Tgt Ion: 45 Resp: 43940

Ion	Ratio	Lower	Upper
45	100		
46	48.6	20.2	81.0

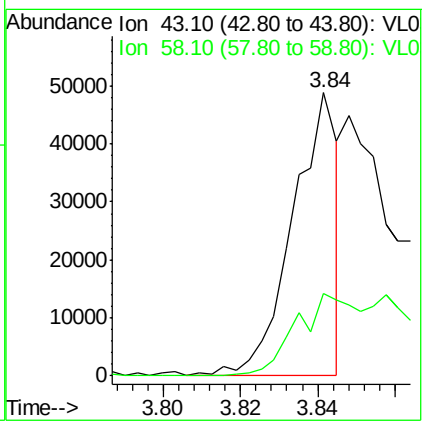


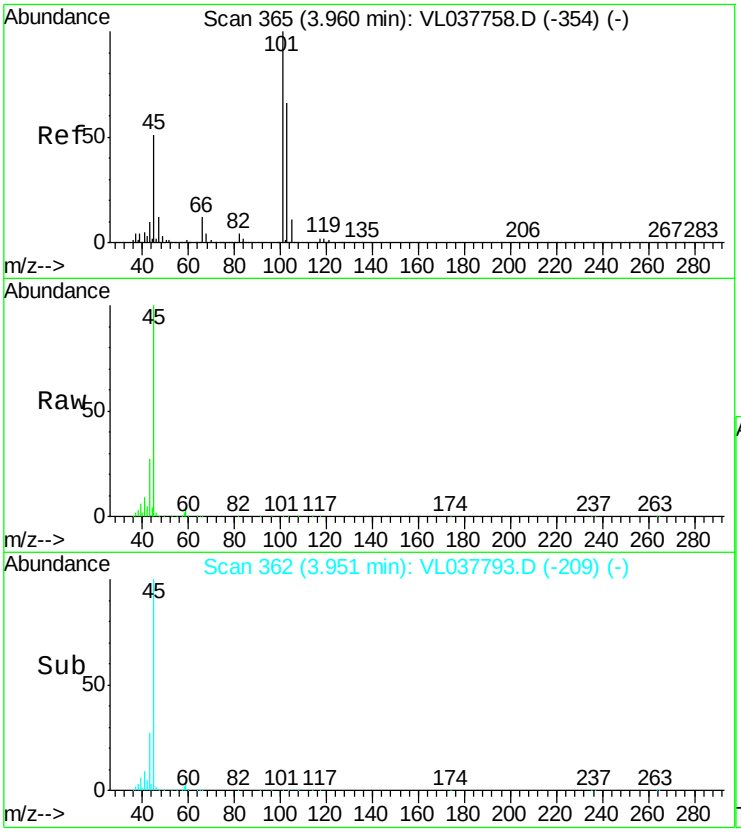


#15
Acetone
Concen: 0.375 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion: 43 Resp: 39389

Ion	Ratio	Lower	Upper
43	100		
58	95.3	23.0	34.6#



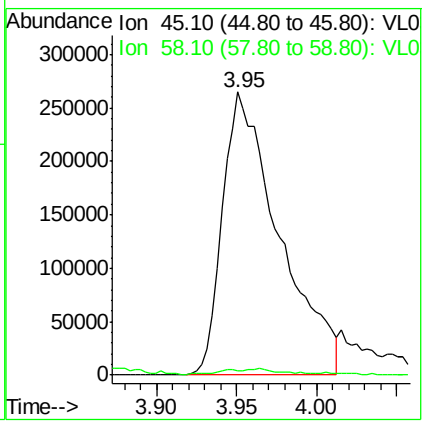


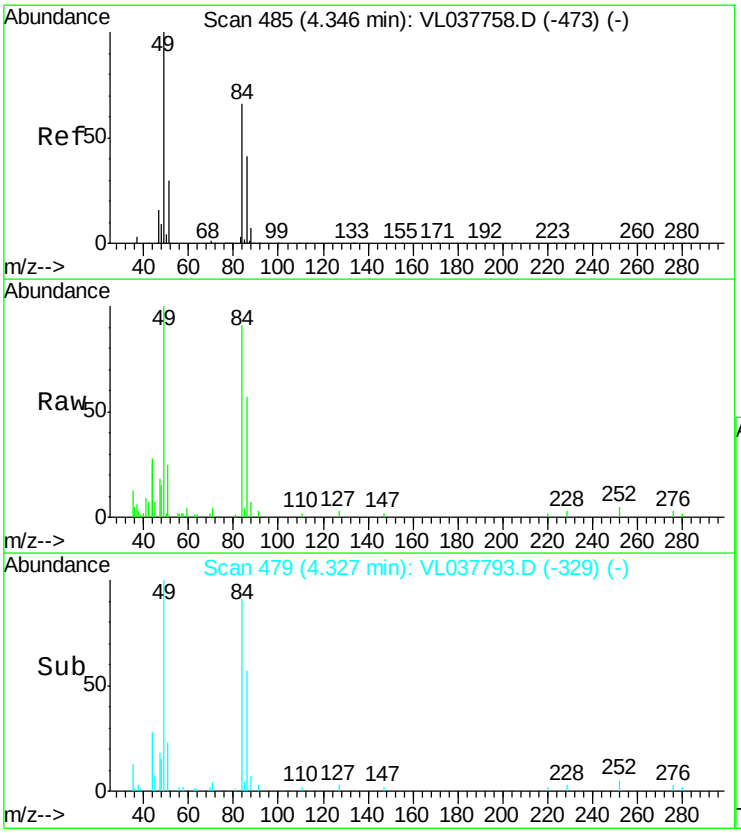
#19
Isopropyl Alcohol
Concen: 9.852 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Tgt Ion: 45 Resp: 643457

Ion	Ratio	Lower	Upper
45	100		
58	3.0	1.1	1.7#

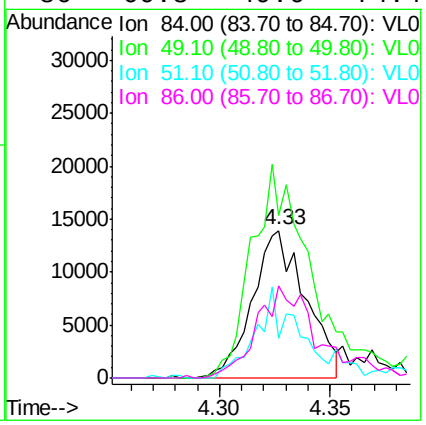


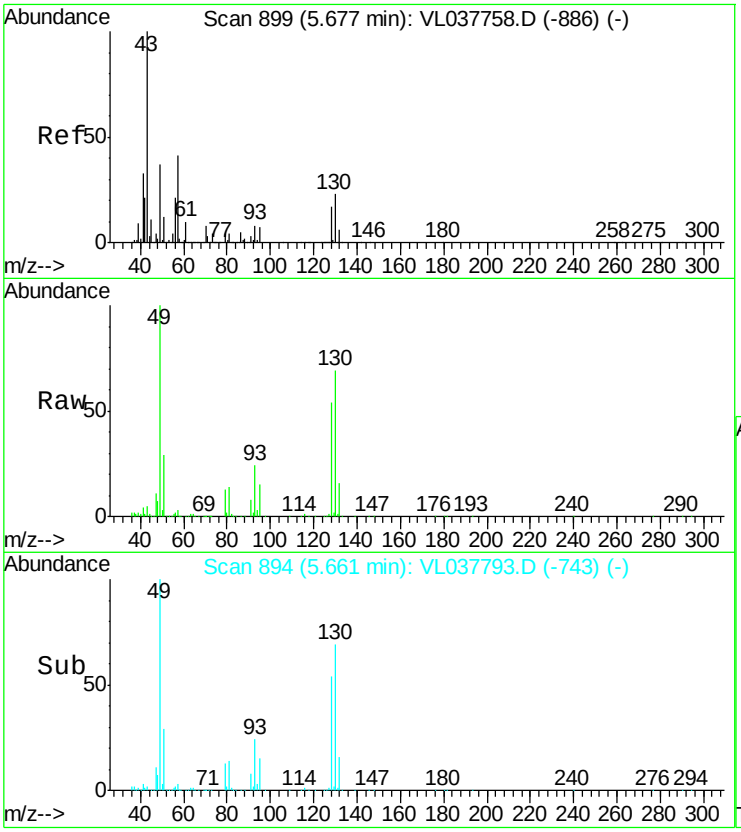


#20
Methylene Chloride
Concen: 0.437 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion: 84 Resp: 23195

Ion	Ratio	Lower	Upper
84	100		
49	106.2	120.7	181.1#
51	27.3	36.2	54.4#
86	60.8	49.6	74.4



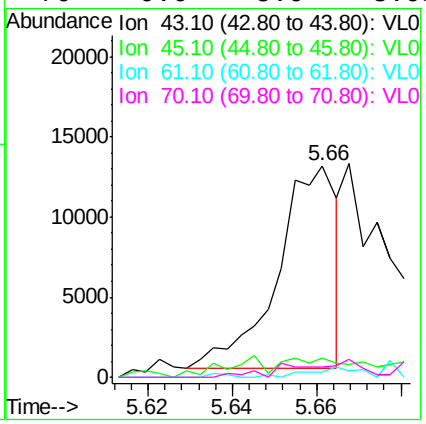


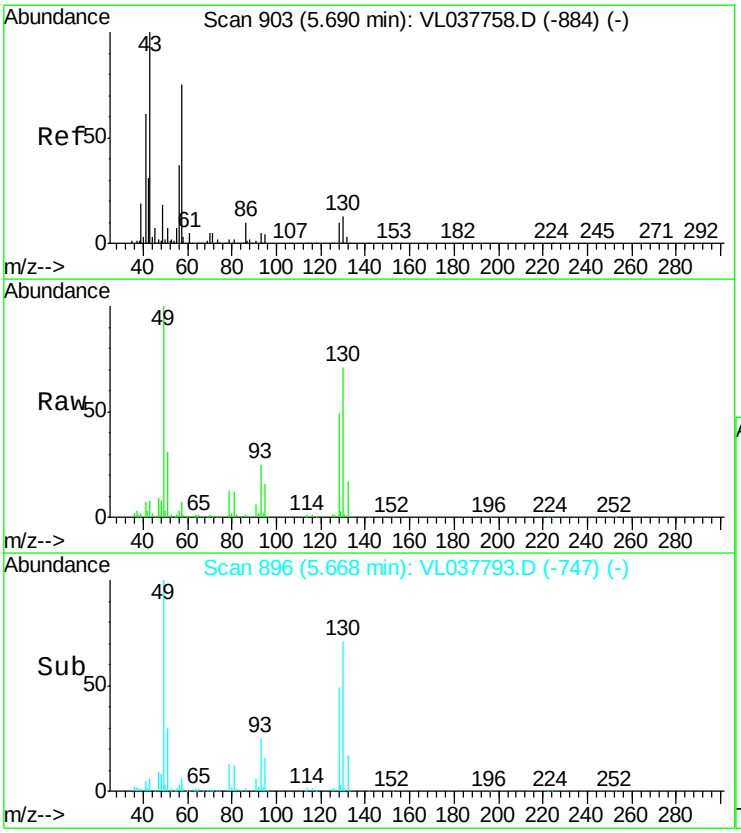
#25
Ethyl Acetate
Concen: 0.042 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Tgt Ion: 43 Resp: 12430

Ion	Ratio	Lower	Upper
43	100		
45	27.8	8.1	12.1#
61	0.0	7.5	11.3#
70	0.0	5.9	8.9#

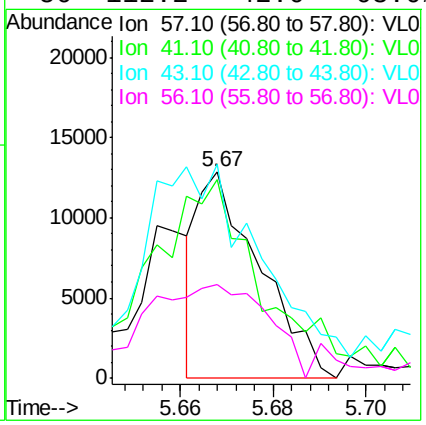


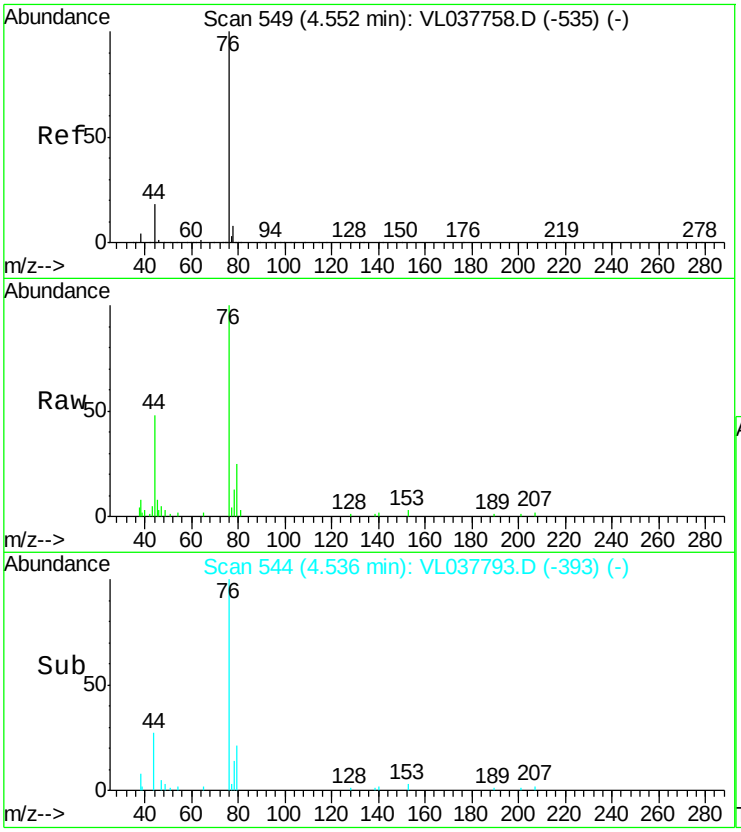


#26
Hexane
Concen: 0.082 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion: 57 Resp: 11899

Ion	Ratio	Lower	Upper
57	100		
41	191.2	69.6	104.4#
43	254.7	171.4	257.0
56	112.2	42.0	63.0#



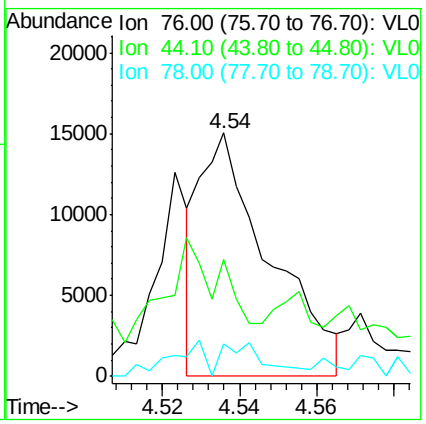


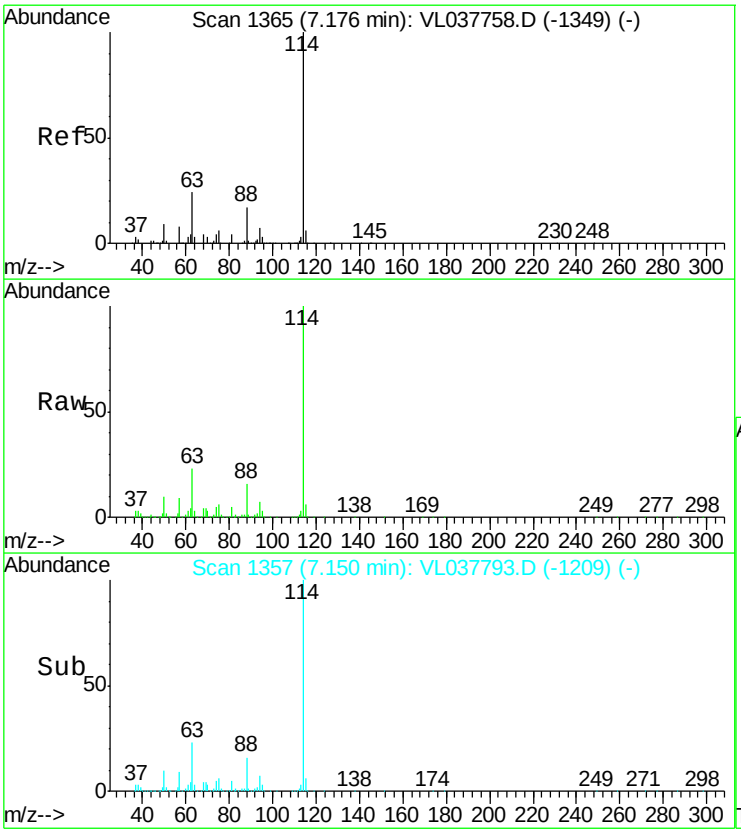
#27
Carbon Disulfide
Concen: 0.147 ppbv
RT: 4.54 min Scan# 544
Delta R.T. -0.02 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Tgt Ion: 76 Resp: 18944

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

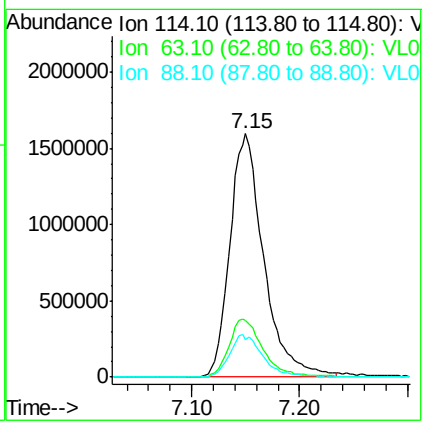


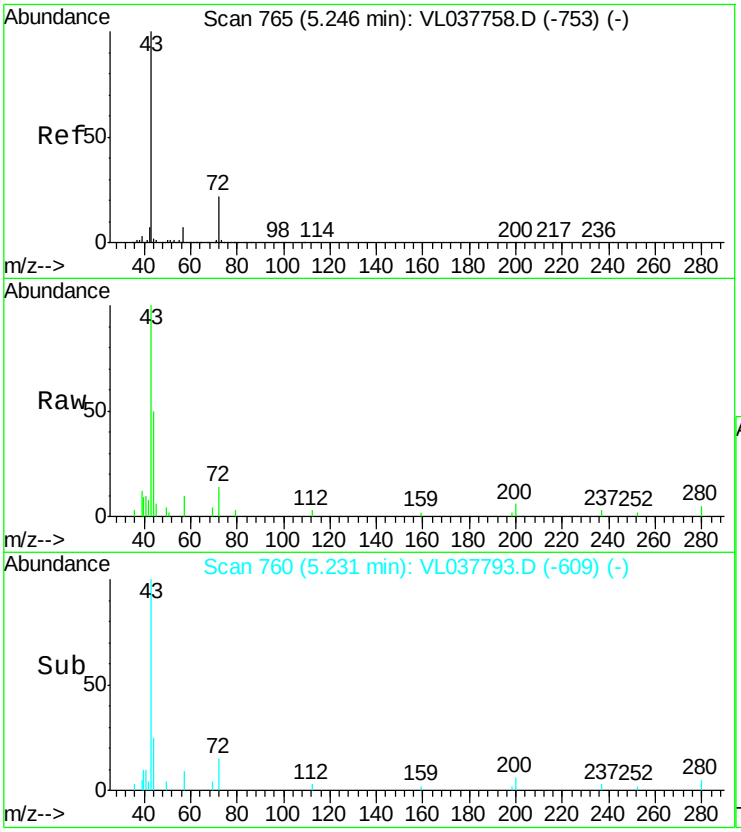


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion:114 Resp: 3489439

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.4	29.2
88	17.4	14.4	21.6



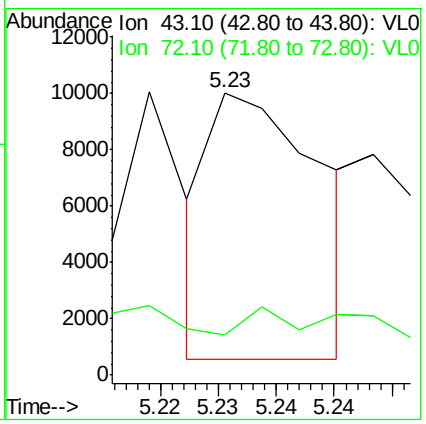


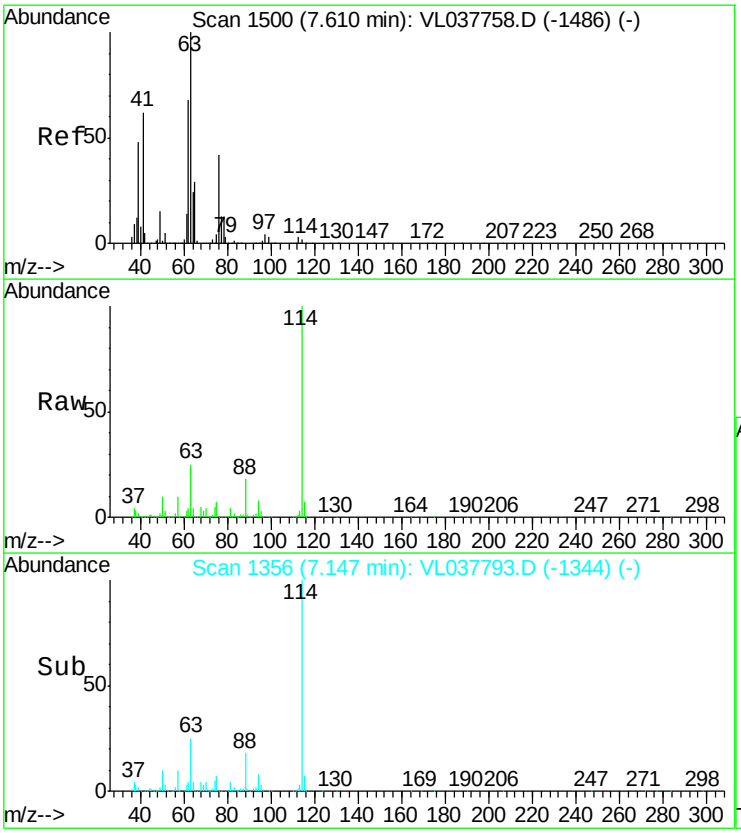
#34
2-Butanone
Concen: 0.044 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.02 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Tgt Ion: 43 Resp: 6265

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#

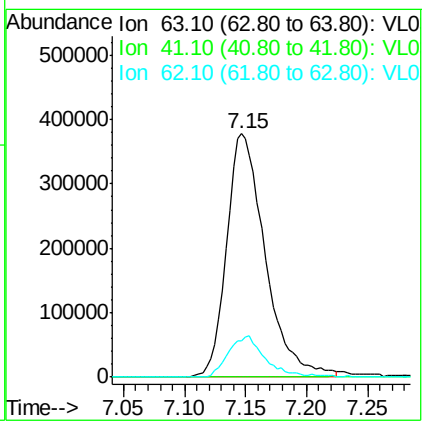


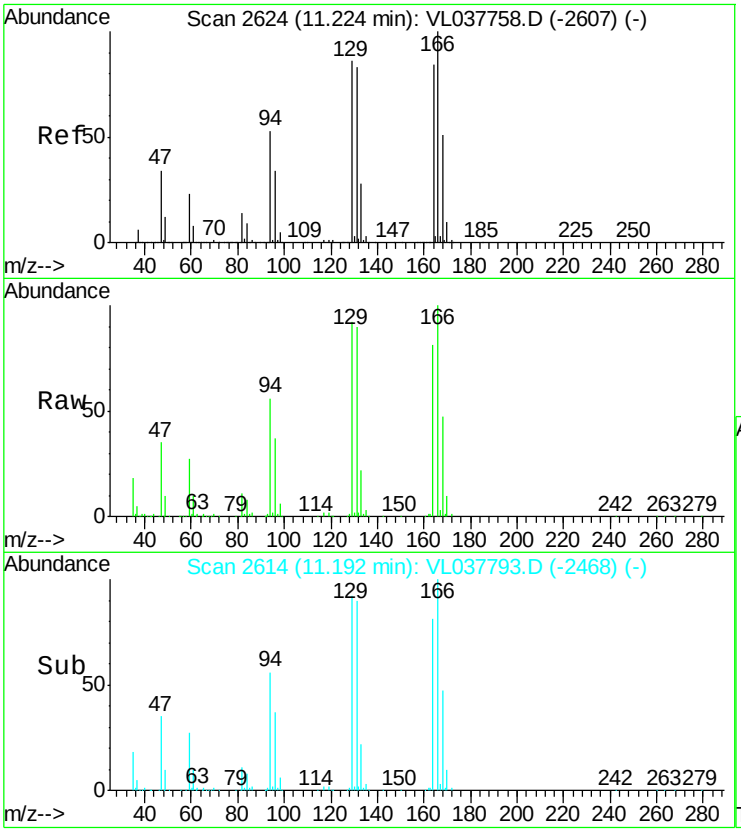


#39
1,2-Dichloropropane
Concen: 7.403 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.46 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion: 63 Resp: 829897

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	14.9	54.6	82.0#



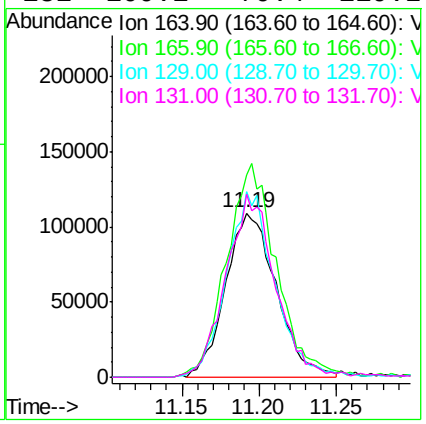


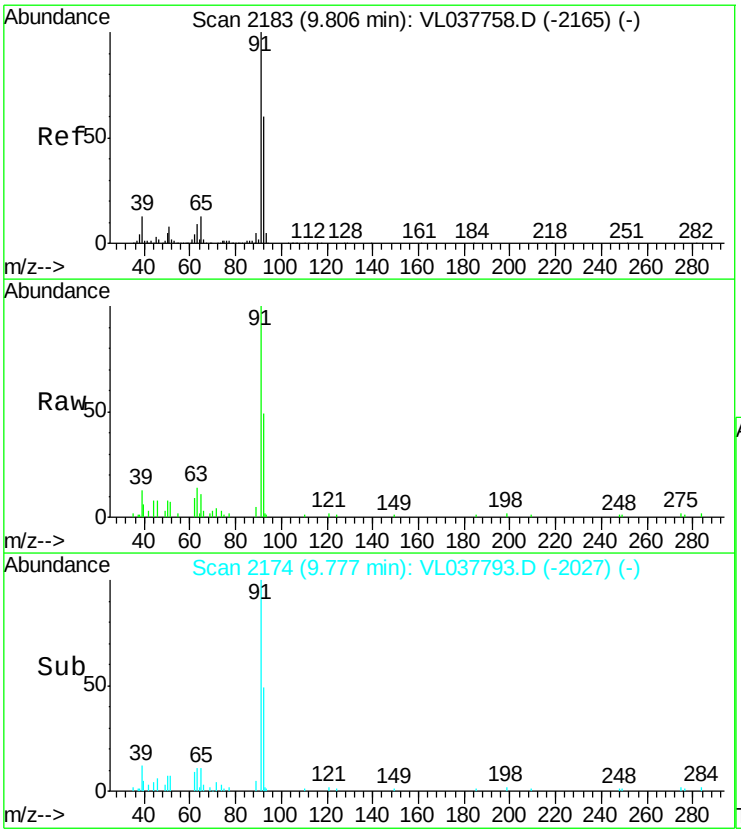
#52
Tetrachloroethene
Concen: 2.138 ppbv
RT: 11.19 min Scan# 2614
Delta R.T. -0.03 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument : MSVOA_L
ClientSampleId : C0P11DL

Tgt Ion:164 Resp: 247967

Ion	Ratio	Lower	Upper
164	100		
166	120.3	95.4	143.2
129	111.6	82.2	123.4
131	109.1	79.4	119.2

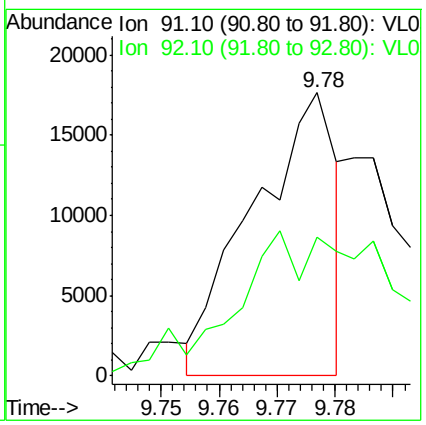


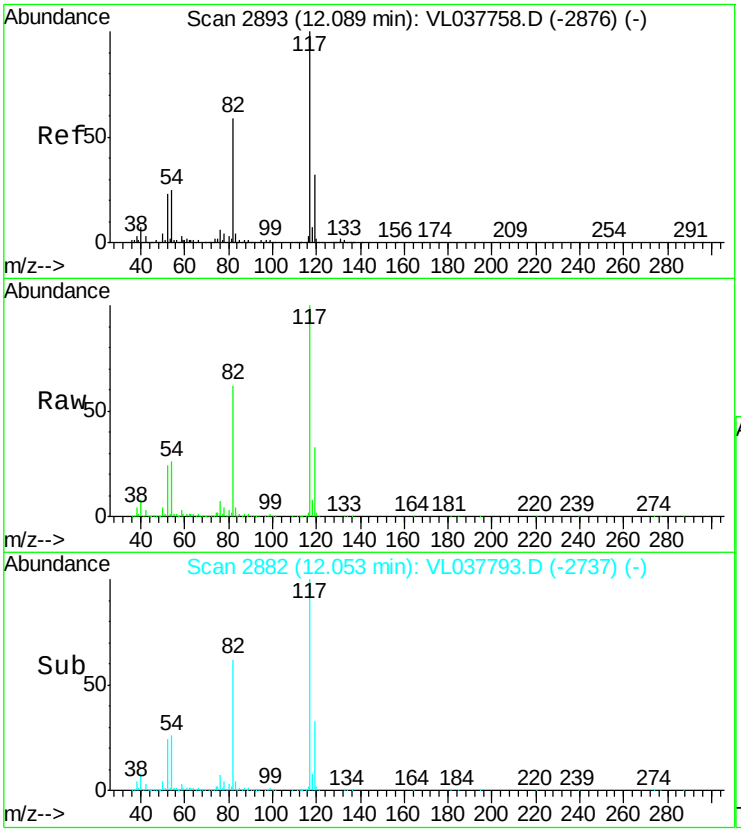


#53
Toluene
Concen: 0.053 ppbv
RT: 9.78 min Scan# 2174
Delta R.T. -0.03 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion: 91 Resp: 17570

Ion	Ratio	Lower	Upper
91	100		
92	115.4	48.4	72.6#



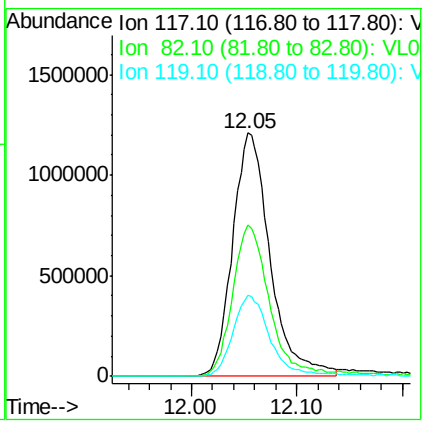


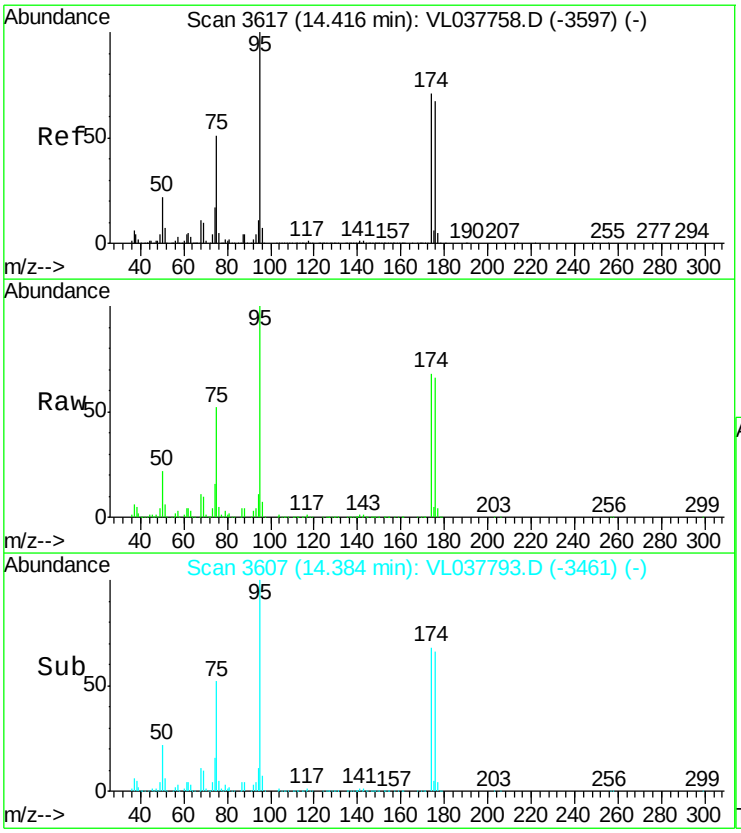
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument :
MSVOA_L
ClientSampleId :
C0P11DL

Tgt Ion:117 Resp: 2979758

Ion	Ratio	Lower	Upper
117	100		
82	64.1	52.2	78.2
119	34.1	26.0	39.0

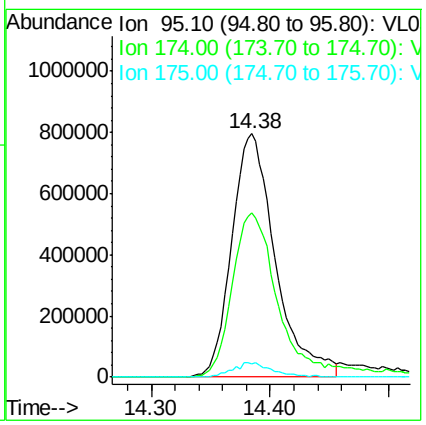


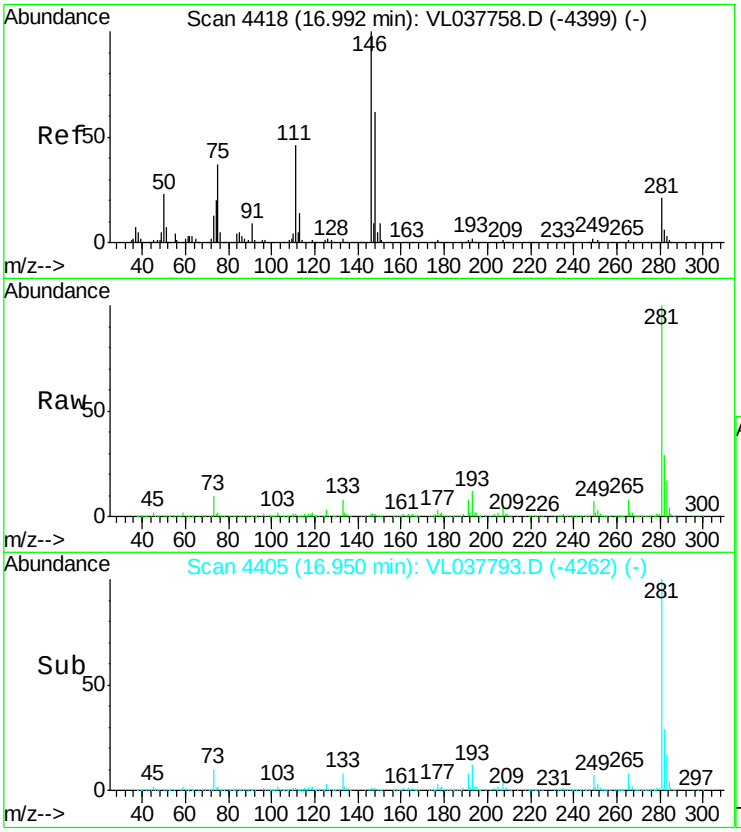


#68
1-Bromo-4-Fluorobenzene
Concen: 9.704 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.03 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Tgt Ion: 95 Resp: 2022050

Ion	Ratio	Lower	Upper
95	100		
174	75.5	57.8	86.6
175	5.5	4.7	7.1





#75
1,3-Dichlorobenzene
Concen: 0.044 ppbv
RT: 16.95 min Scan# 4405
Delta R.T. -0.04 min
Lab File: VL037793.D
Acq: 6 Oct 2021 3:45

Instrument :
MSVOA_L
ClientSampleId :
C0P11DL

Tgt Ion:146 Resp: 9809

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.8	68.4#
148	0.0	32.8	98.3#