Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051821\
Data File : VL036975.D
Acq On : 18 May 2021 19:02
Operator : SY/AP
Sample : M2430-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA2DL

Quant Time: May 19 03:14:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1241496	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	3607615	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	3582262	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2628878	9.77	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.70%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.95	51	201049	0.884	ppbv	#	61
4) Chloromethane	3.13	50	4287	0.055	ppbv	#	70
9) Propene	3.01	41	16383	0.201	ppbv	#	79
13) Ethanol	3.59	45	1754147	161.425	ppbv		93
15) Acetone	3.84	43	172445	1.356	ppbv	#	88
19) Isopropyl Alcohol	3.96	45	2218757	32.459	ppbv	#	33
20) Methylene Chloride	4.33	84	94123	1.381	ppbv		97
21) Allyl Chloride	4.11	41	44850	0.468	ppbv	#	57
25) Ethyl Acetate	5.67	43	79197	0.259	ppbv	#	82
26) Hexane	5.67	57	103256	0.661	ppbv	#	50
34) 2-Butanone	5.23	43	4403	0.034	ppbv	#	52
37) 1,2-Dichloroethane	6.29	62	5746	0.037	ppbv	#	68
38) Trichloroethene	7.81	130	5891	0.044	ppbv	#	62
39) 1,2-Dichloropropane	7.16	63	853556	7.130	ppbv	#	26
52) Tetrachloroethene	11.20	164	25171	0.204	ppbv		89
53) Toluene	9.79	91	18246	0.049	ppbv		98

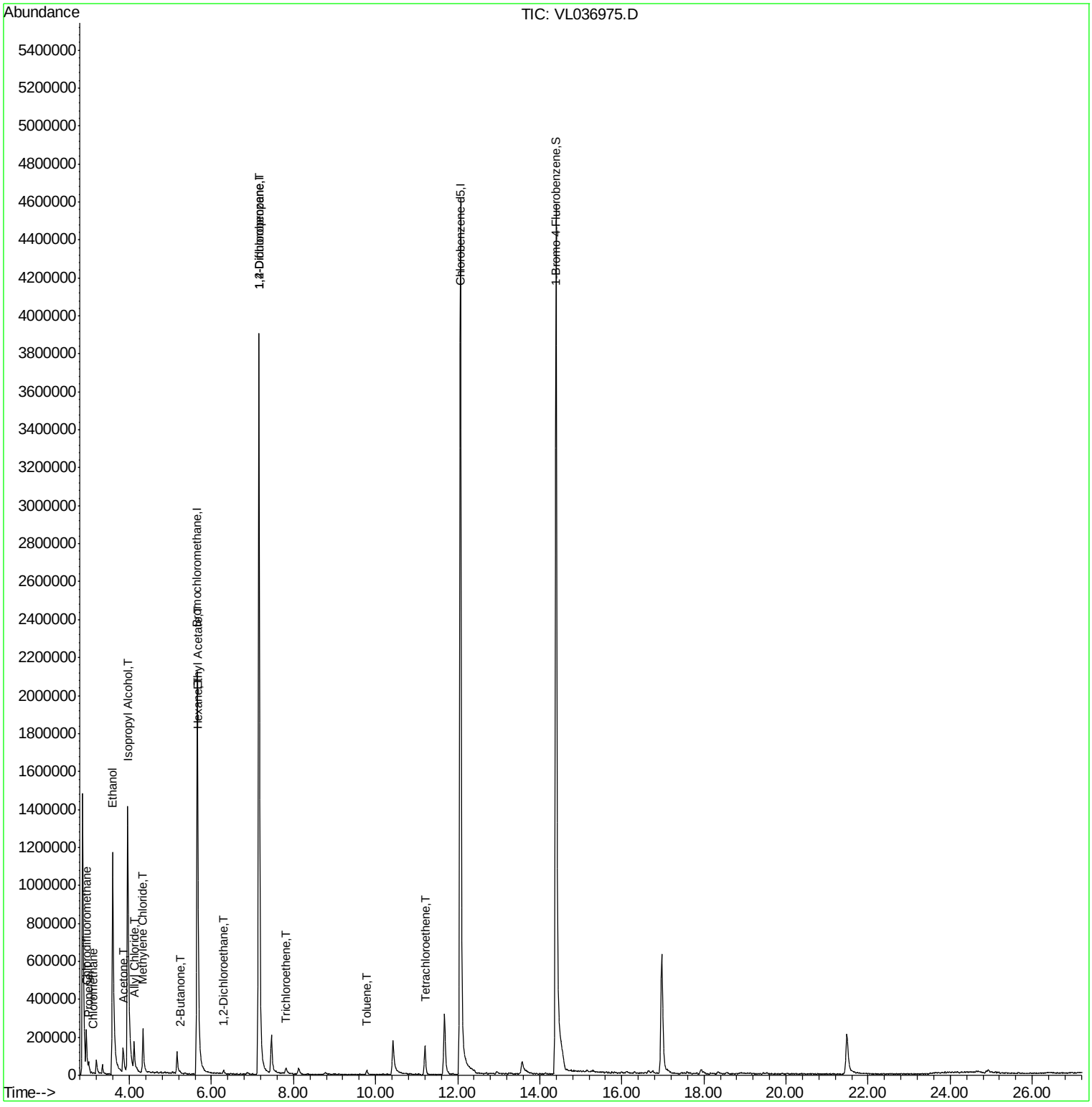
(#) = qualifier out of range (m) = manual integration (+) = signals summed

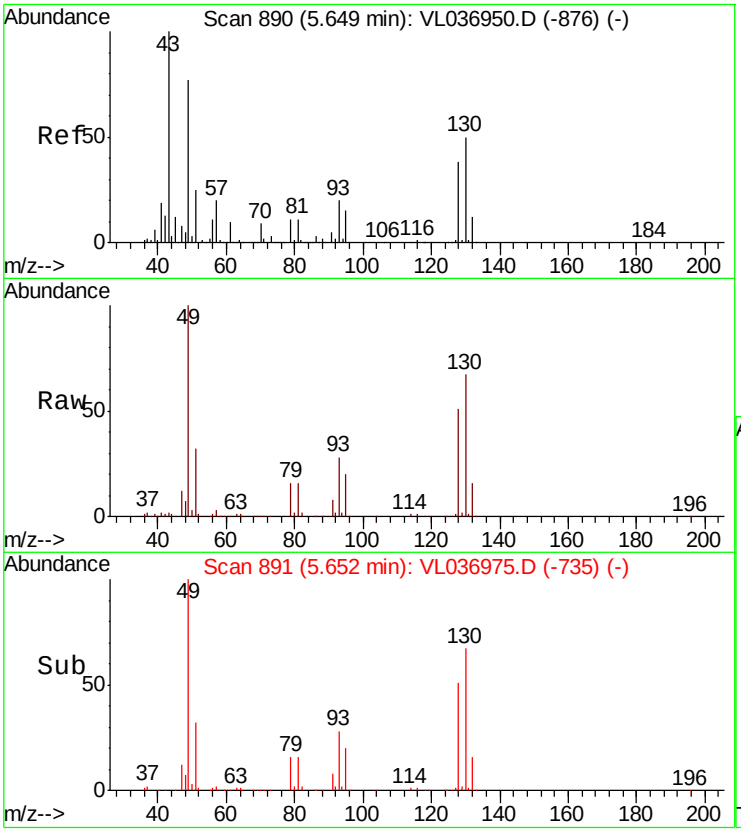
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051821\
Data File : VL036975.D
Acq On : 18 May 2021 19:02
Operator : SY/AP
Sample : M2430-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA2DL

Quant Time: May 19 03:14:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration



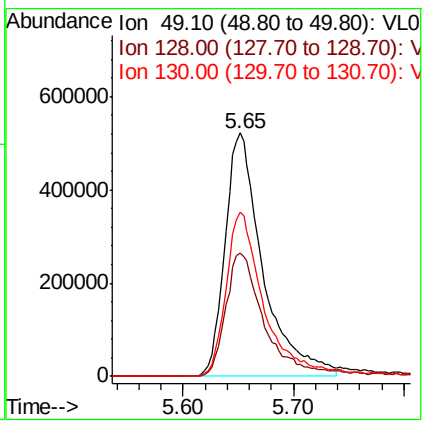


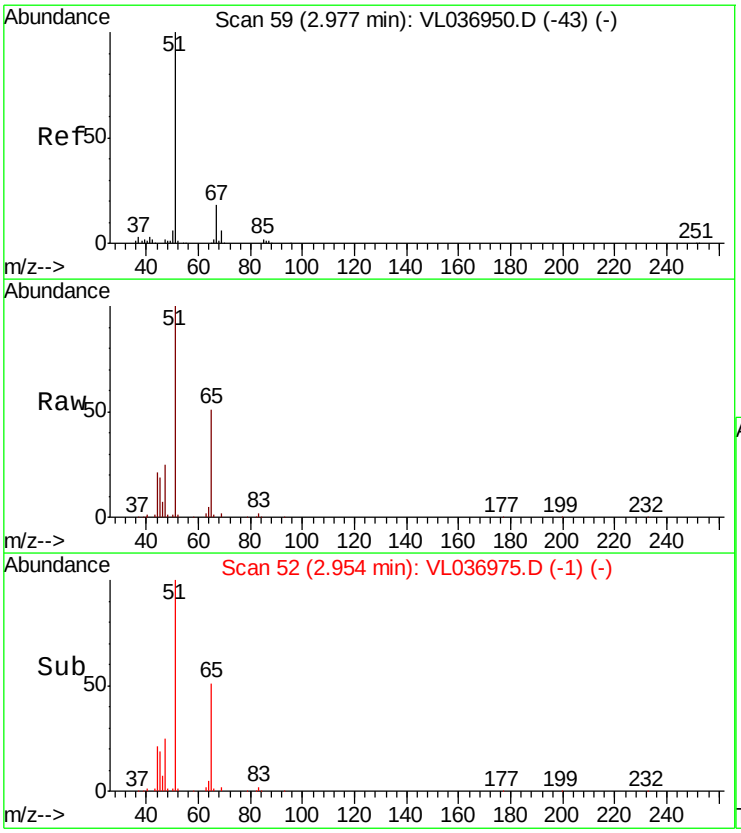
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 49 Resp: 1241496

Ion	Ratio	Lower	Upper
49	100		
128	54.2	26.9	80.7
130	69.9	33.8	101.4

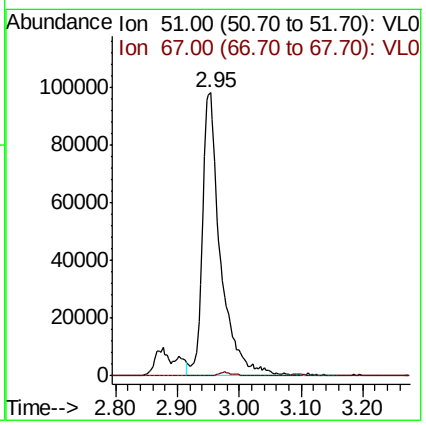


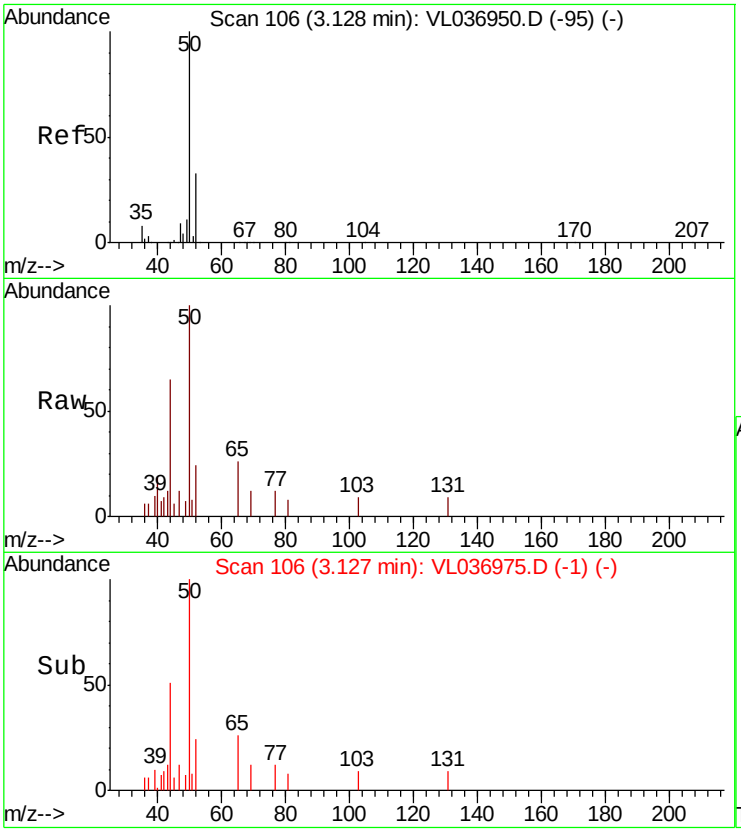


#3
Chlorodifluoromethane
Concen: 0.884 ppbv
RT: 2.95 min Scan# 52
Delta R.T. -0.02 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 51 Resp: 201049

Ion	Ratio	Lower	Upper
51	100		
67	1.1	14.6	21.8#



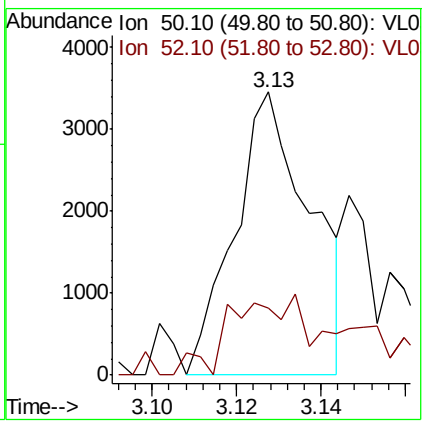


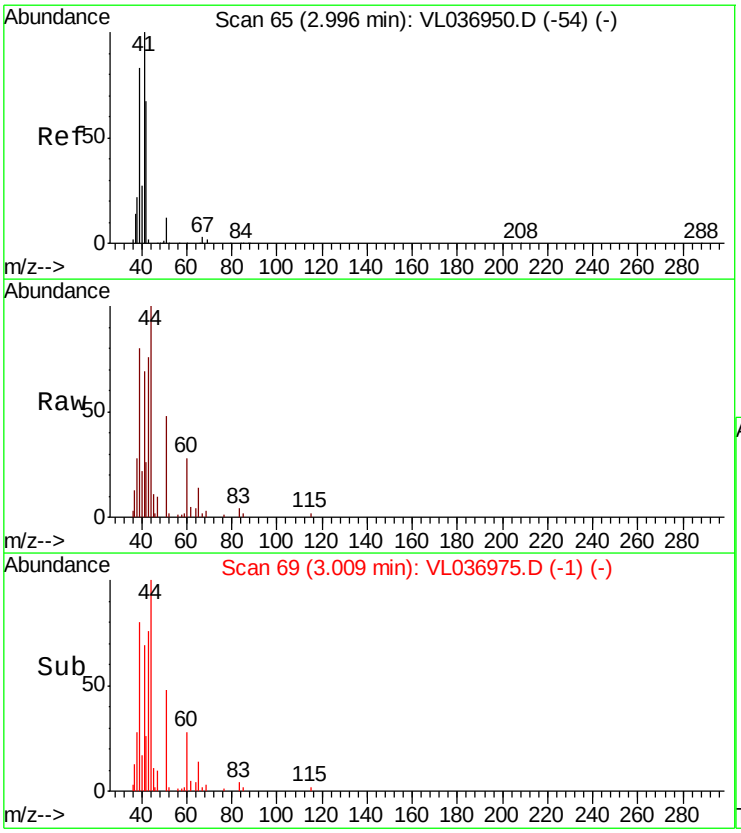
#4
Chloromethane
Concen: 0.055 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 50 Resp: 4287

Ion	Ratio	Lower	Upper
50	100		
52	15.8	26.1	39.1#

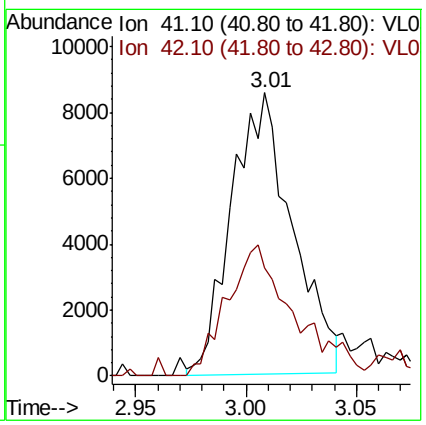


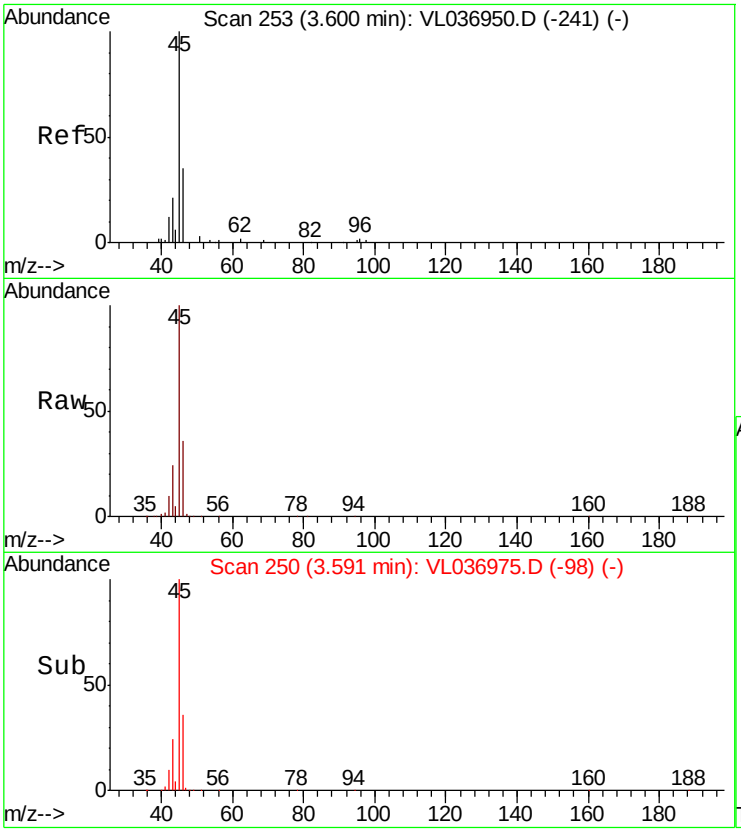


#9
Propene
Concen: 0.201 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.01 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 41 Resp: 16383

Ion	Ratio	Lower	Upper
41	100		
42	50.8	53.9	80.9#



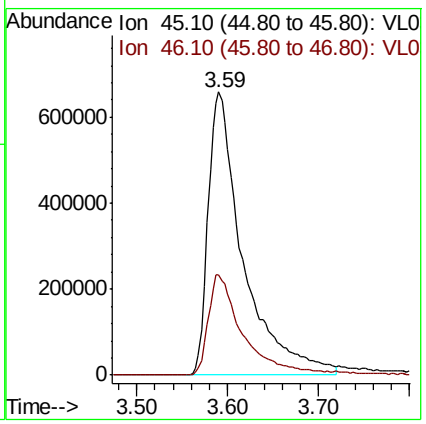


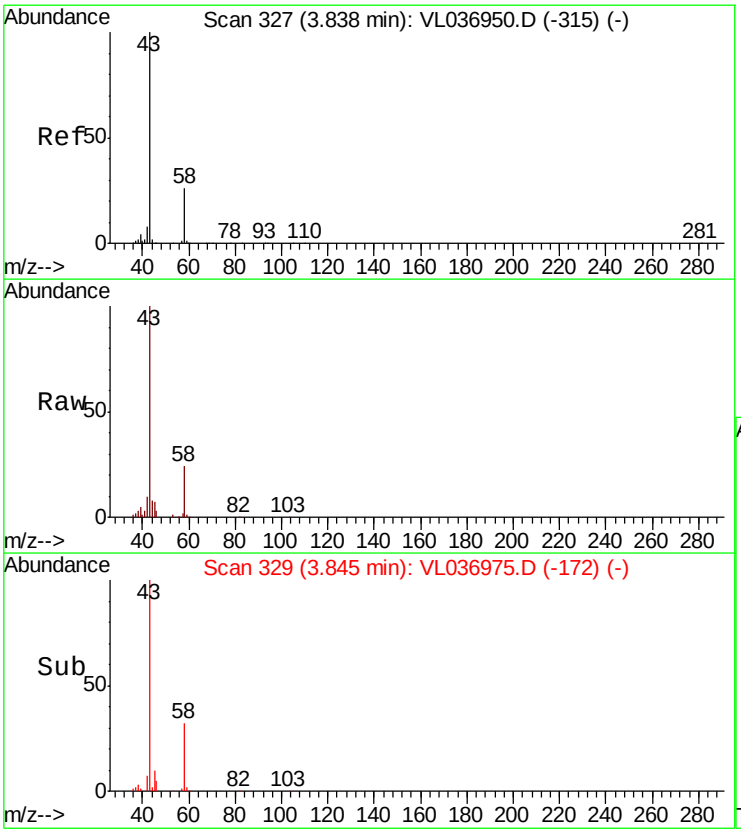
#13
Ethanol
Concen: 161.425 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.01 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 45 Resp: 1754147

Ion	Ratio	Lower	Upper
45	100		
46	36.5	16.3	65.3

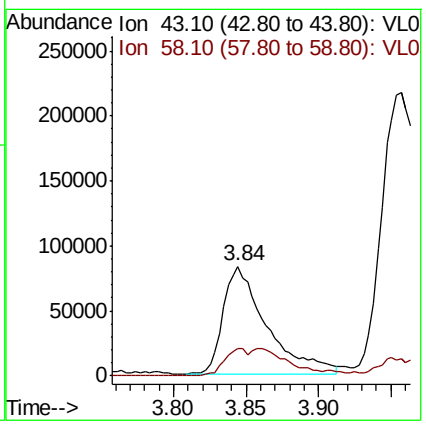


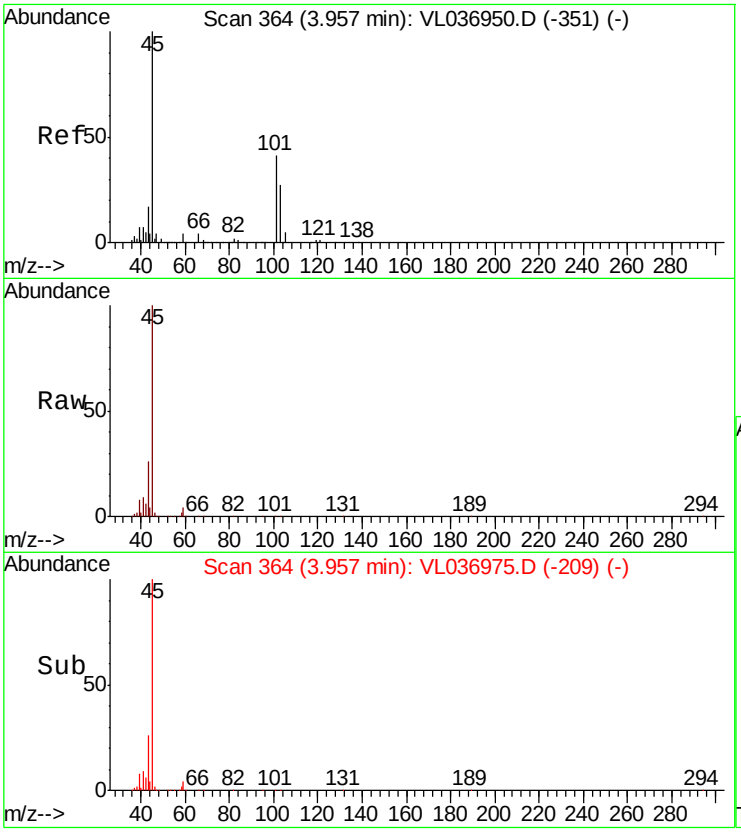


#15
Acetone
Concen: 1.356 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 43 Resp: 172445

Ion	Ratio	Lower	Upper
43	100		
58	36.7	24.0	36.0#



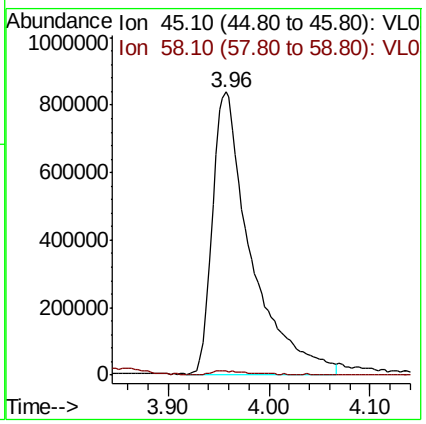


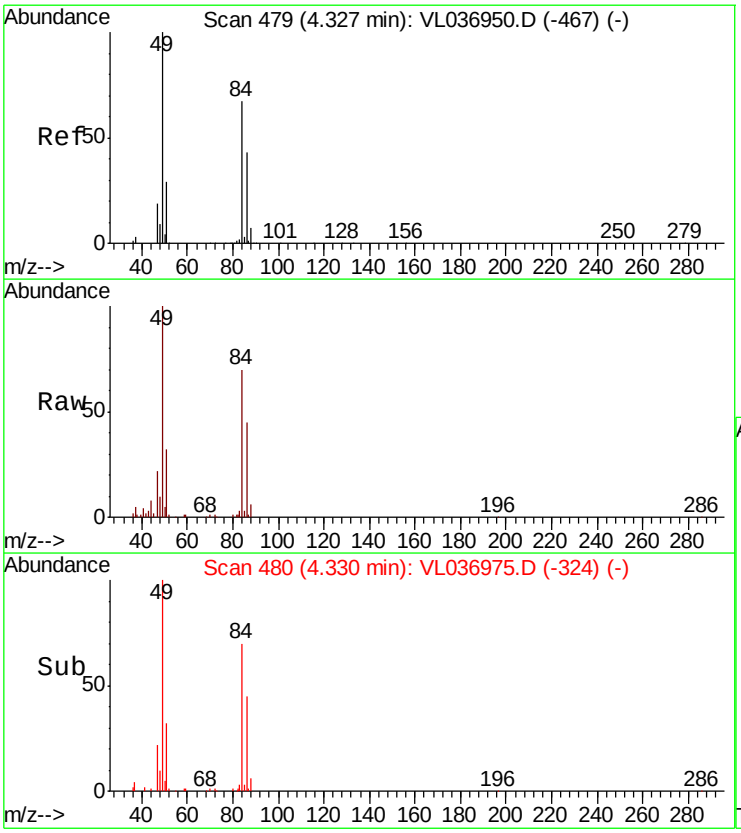
#19
Isopropyl Alcohol
Concen: 32.459 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument : MSVOA_L
ClientSampleId : IA2DL

Tgt Ion: 45 Resp: 2218757

Ion	Ratio	Lower	Upper
45	100		
58	1.7	37.2	55.8#

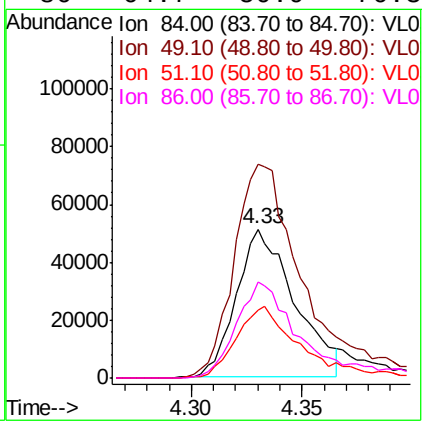


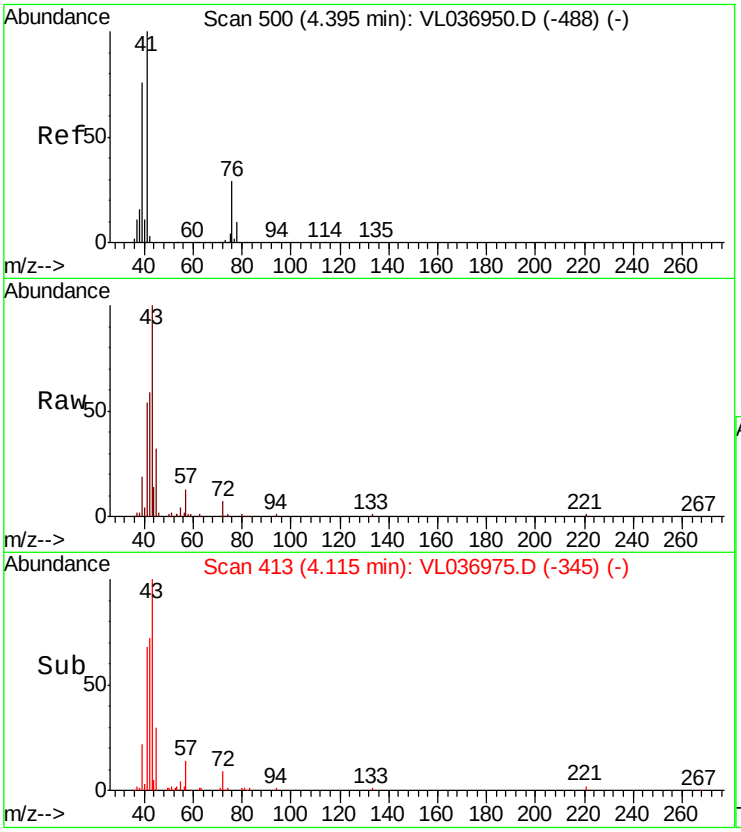


#20
Methylene Chloride
Concen: 1.381 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 84 Resp: 94123

Ion	Ratio	Lower	Upper
84	100		
49	143.8	119.8	179.6
51	44.5	35.1	52.7
86	64.7	50.9	76.3



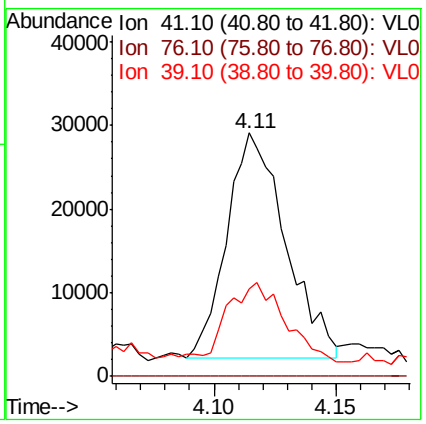


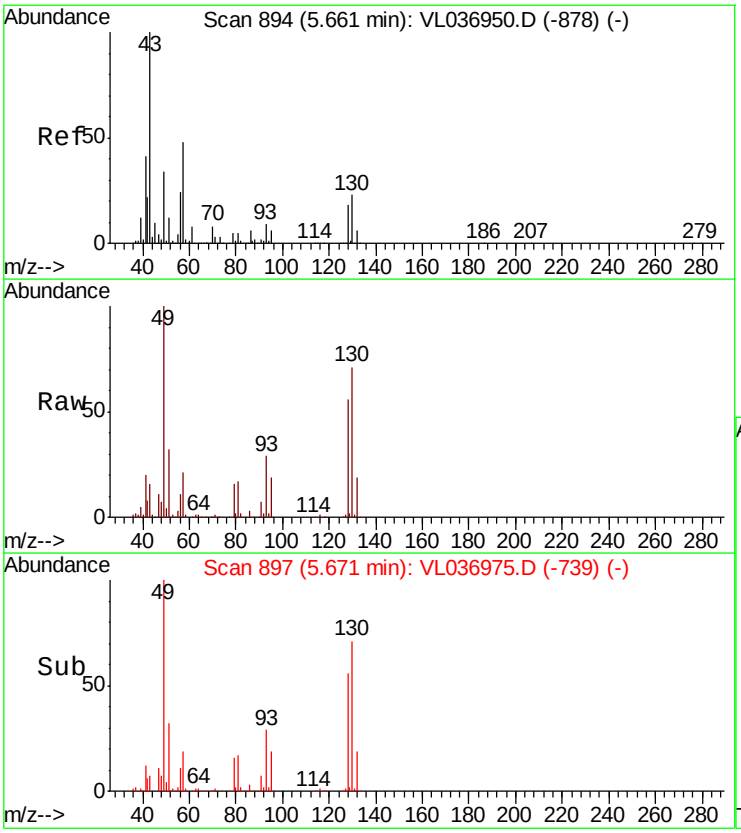
#21
Allyl Chloride
Concen: 0.468 ppbv
RT: 4.11 min Scan# 413
Delta R.T. -0.28 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument : MSVOA_L
ClientSampleId : IA2DL

Tgt Ion: 41 Resp: 44850

Ion	Ratio	Lower	Upper
41	100		
76	0.1	24.9	37.3#
39	46.9	63.7	95.5#

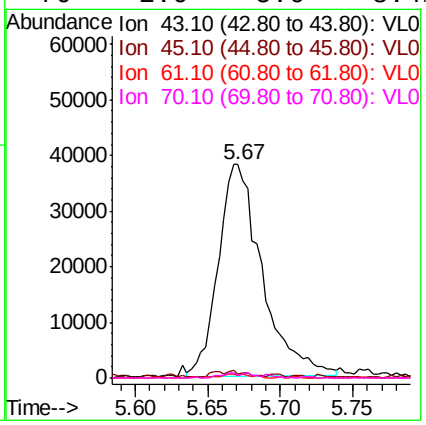


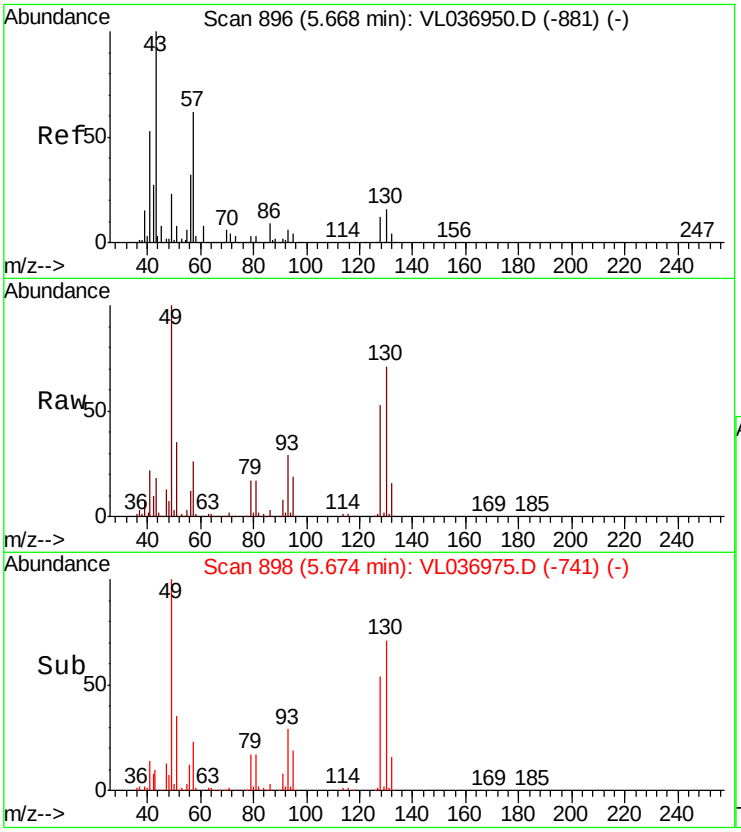


#25
Ethyl Acetate
Concen: 0.259 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 43 Resp: 79197

Ion	Ratio	Lower	Upper
43	100		
45	3.6	7.8	11.8#
61	1.3	7.8	11.8#
70	2.0	5.6	8.4#



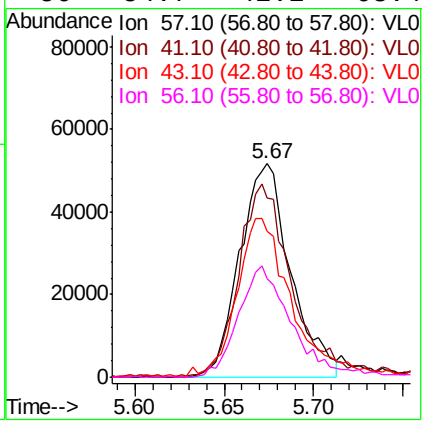


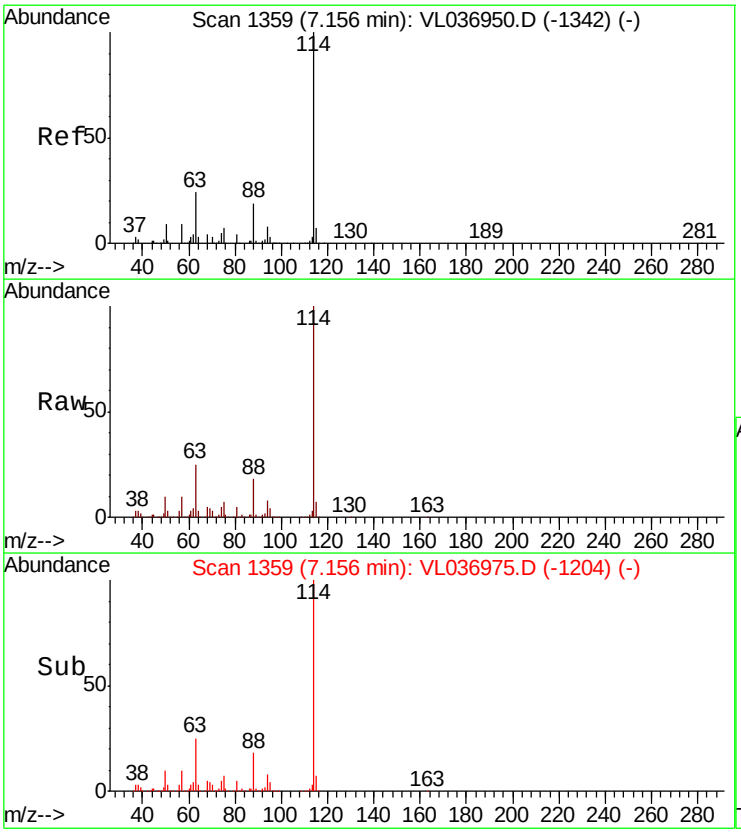
#26
Hexane
Concen: 0.661 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 57 Resp: 103256

Ion	Ratio	Lower	Upper
57	100		
41	96.2	70.5	105.7
43	83.2	165.8	248.8#
56	54.7	42.2	63.4

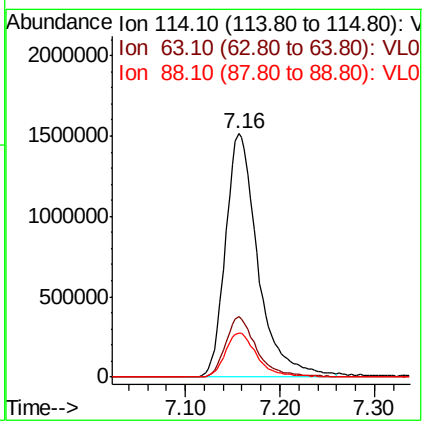


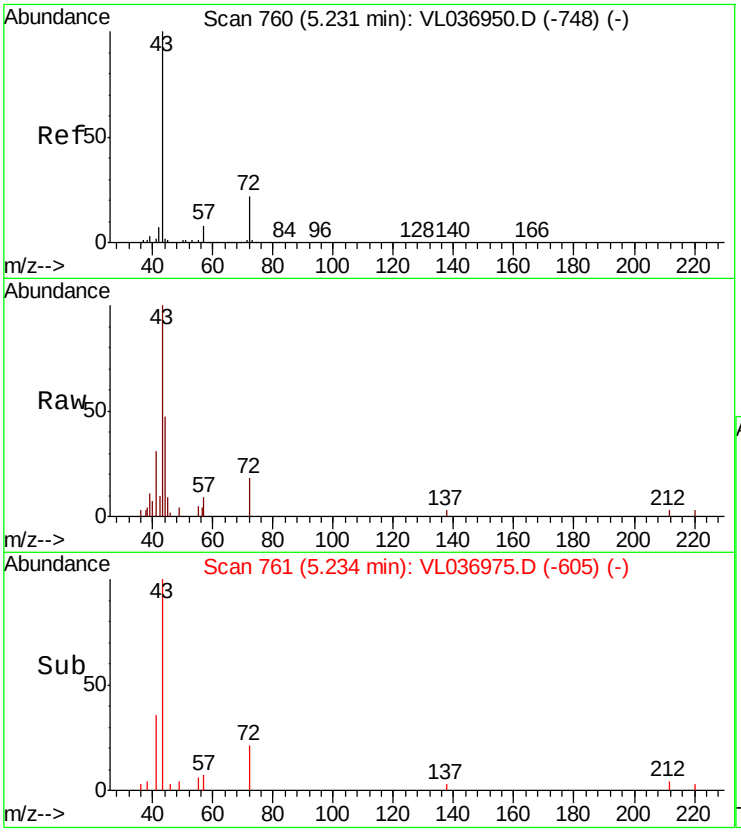


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion:114 Resp: 3607615

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	18.1	14.6	21.8



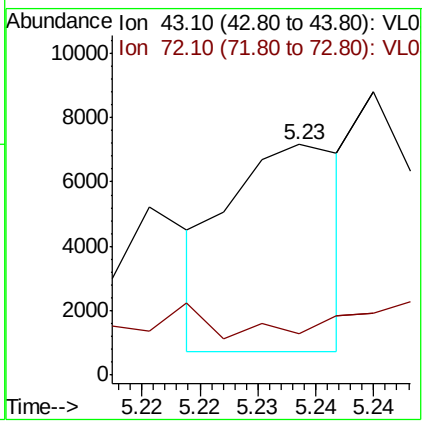


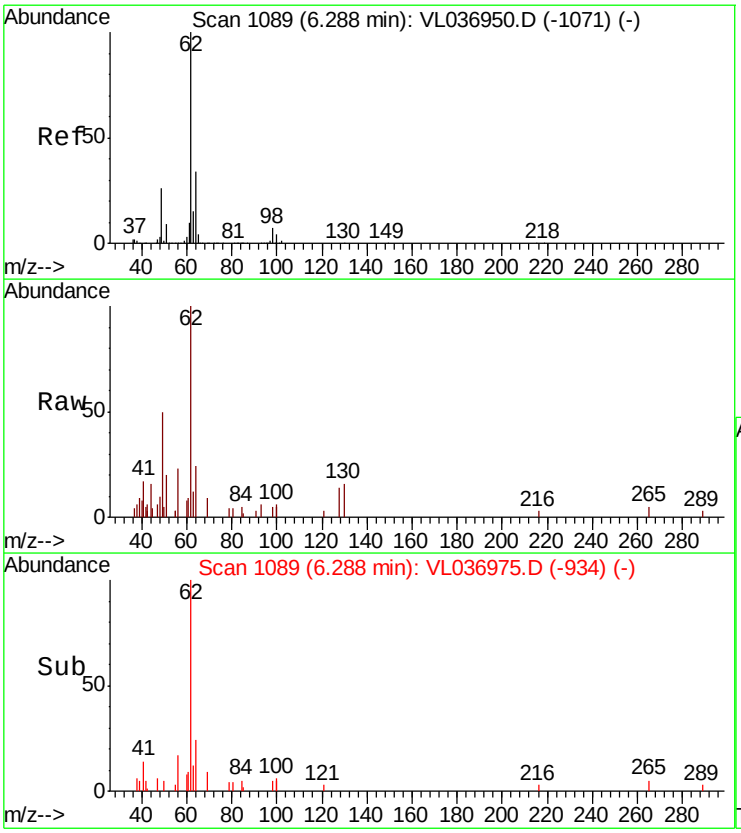
#34
2-Butanone
Concen: 0.034 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument : MSVOA_L
ClientSampleId : IA2DL

Tgt Ion: 43 Resp: 4403

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.0	28.4#

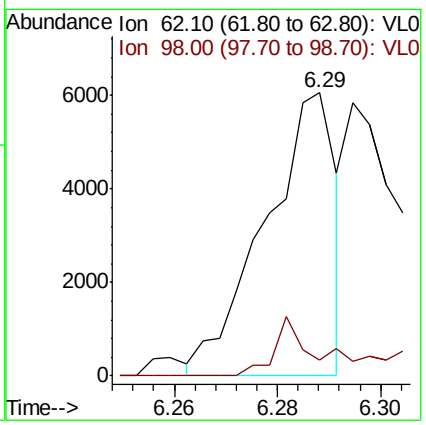


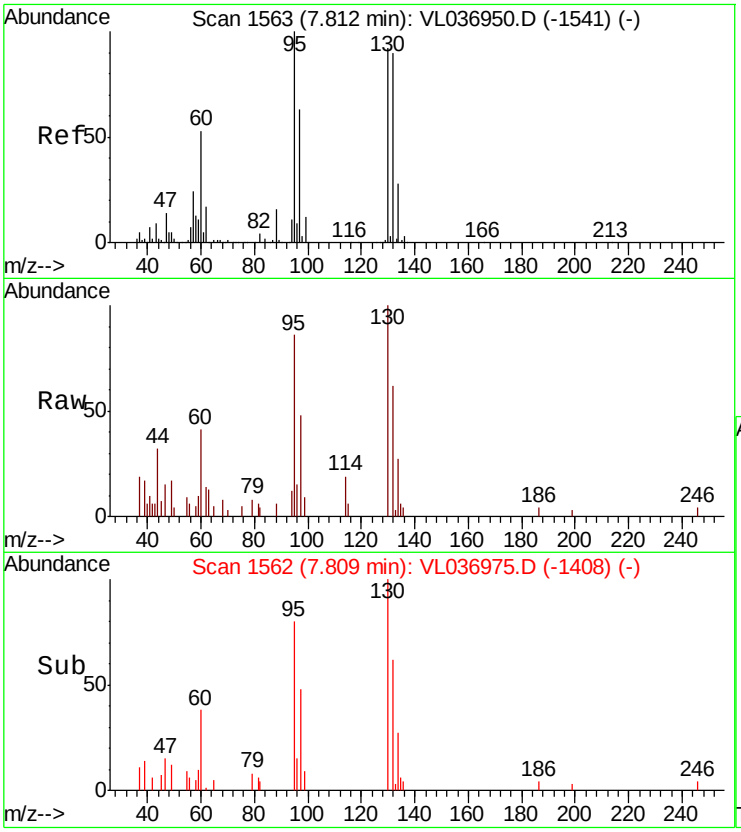


#37
1,2-Dichloroethane
Concen: 0.037 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 62 Resp: 5746

Ion	Ratio	Lower	Upper
62	100		
98	17.9	5.5	8.3#



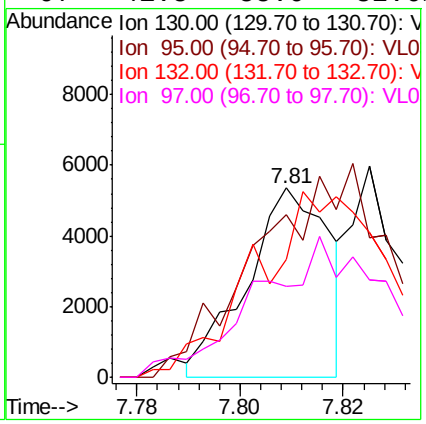


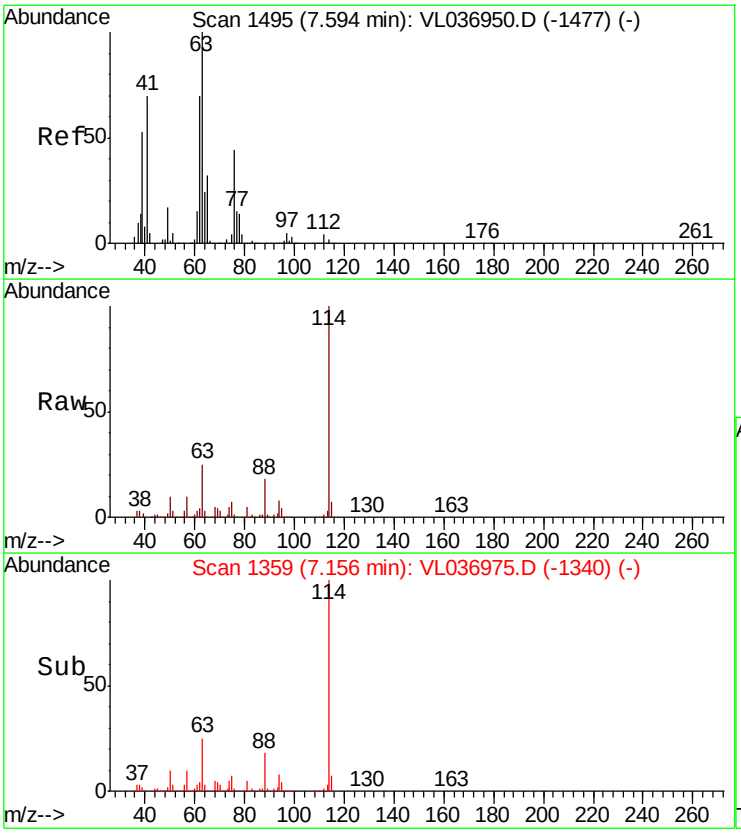
#38
Trichloroethene
Concen: 0.044 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument : MSVOA_L
ClientSampleId : IA2DL

Tgt Ion:130 Resp: 5891

Ion	Ratio	Lower	Upper
130	100		
95	78.6	86.9	130.3#
132	48.1	78.4	117.6#
97	41.5	55.0	82.6#

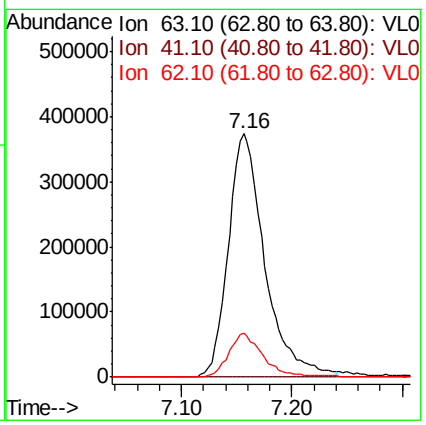


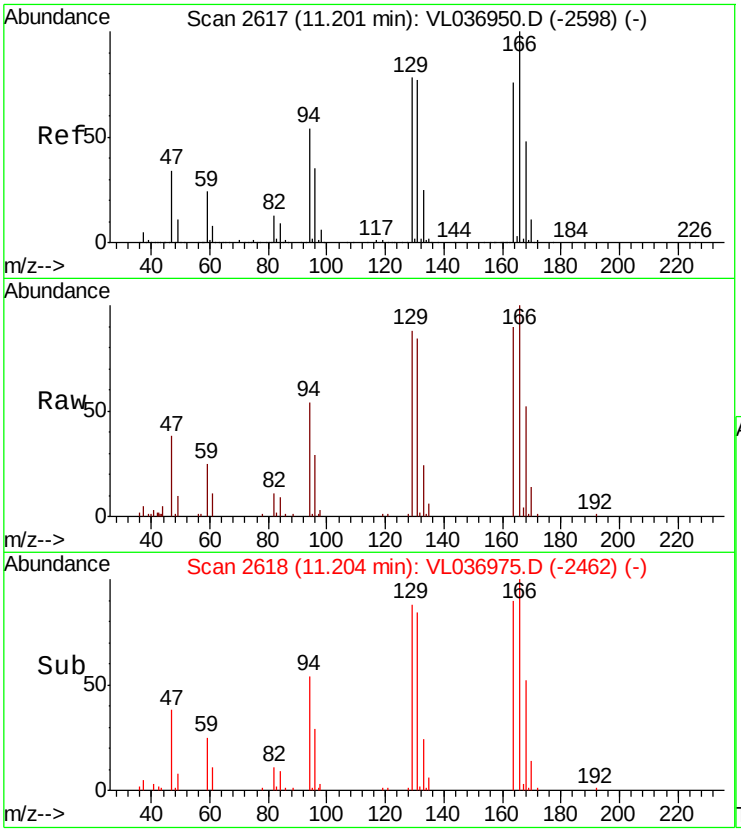


#39
1,2-Dichloropropane
Concen: 7.130 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.44 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 63 Resp: 853556

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.7	83.5#
62	17.9	56.2	84.4#



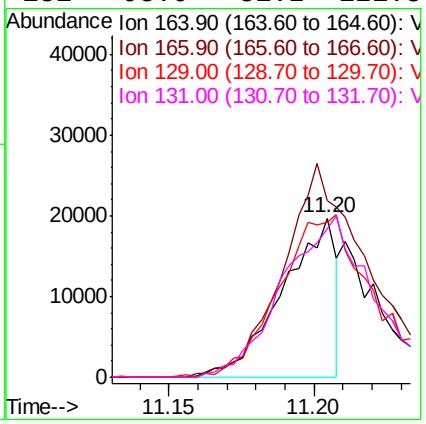


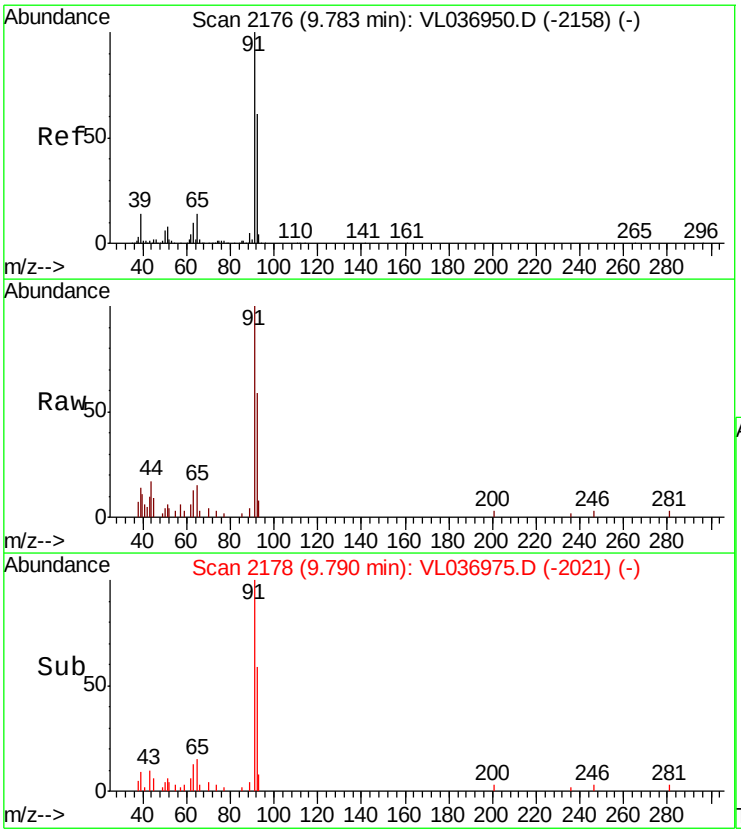
#52
Tetrachloroethene
Concen: 0.204 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. 0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument : MSVOA_L
ClientSampleId : IA2DL

Tgt Ion:164 Resp: 25171

Ion	Ratio	Lower	Upper
164	100		
166	111.1	105.5	158.3
129	96.1	81.8	122.8
131	93.0	81.2	121.8

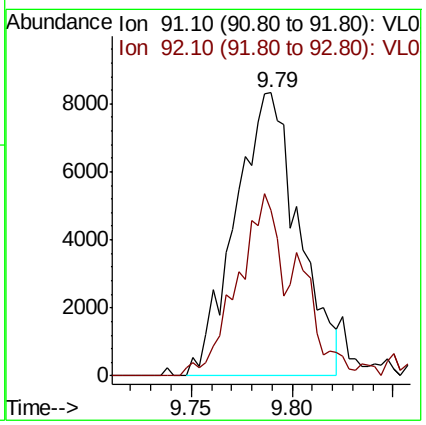


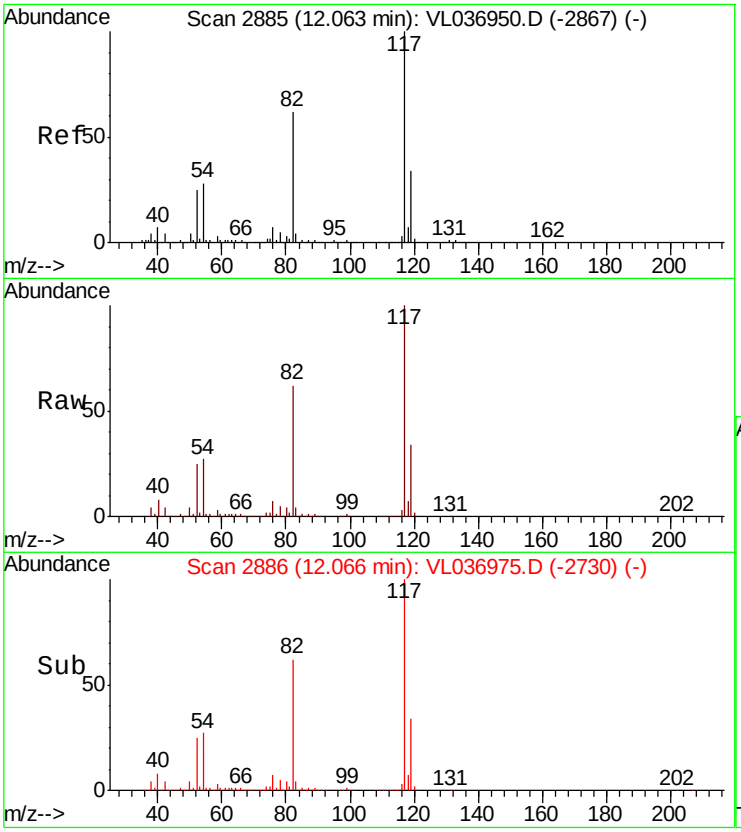


#53
Toluene
Concen: 0.049 ppbv
RT: 9.79 min Scan# 2178
Delta R.T. 0.01 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 91 Resp: 18246

Ion	Ratio	Lower	Upper
91	100		
92	60.2	49.5	74.3



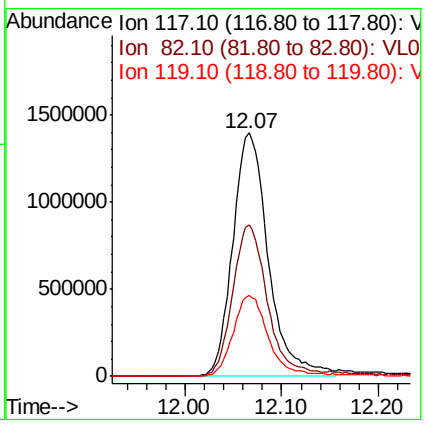


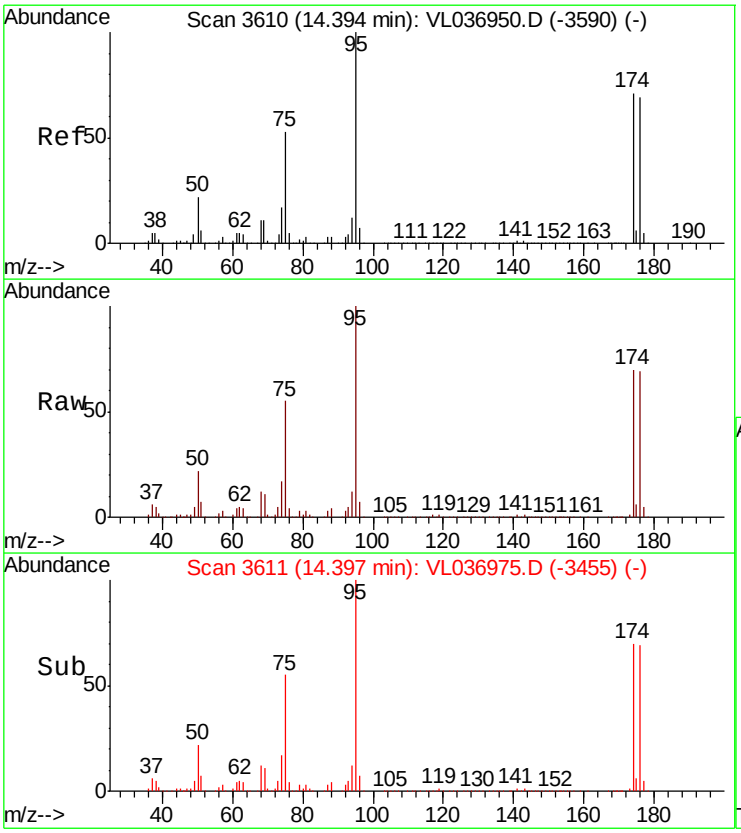
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Instrument : MSVOA_L
ClientSampleId : IA2DL

Tgt Ion:117 Resp: 3582262

Ion	Ratio	Lower	Upper
117	100		
82	63.4	52.6	79.0
119	34.7	46.6	70.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.769 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL036975.D
Acq: 18 May 2021 19:02

Tgt Ion: 95 Resp: 2628878

Ion	Ratio	Lower	Upper
95	100		
174	77.5	58.4	87.6
175	5.8	4.4	6.6