Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036565.D
Acq On : 30 Mar 2021 11:38
Operator : SY/AP
Sample : M1868-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:13:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	1392408	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.15	114	3060101	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.06	117	2688358	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	2229479	10.41	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	56049	0.247	ppbv		95
4) Chloromethane	3.12	50	45543	0.496	ppbv		96
9) Propene	3.00	41	59270	0.715	ppbv		83
11) Trichlorofluoromethane	3.93	101	46296	0.200	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.46	101	4748	0.032	ppbv	#	11
13) Ethanol	3.59	45	360736	36.526	ppbv		98
15) Acetone	3.83	43	1594566	11.635	ppbv		90
16) 1,3-Butadiene	3.29	39	9275	0.097	ppbv	#	48
19) Isopropyl Alcohol	3.96	45	69688	0.924	ppbv	#	66
20) Methylene Chloride	4.32	84	528597	8.238	ppbv		94
23) Vinyl Acetate	5.04	43	19676	0.084	ppbv	#	30
25) Ethyl Acetate	5.66	43	446619	1.371	ppbv	#	81
26) Hexane	5.66	57	568467	3.760	ppbv	#	47
34) 2-Butanone	5.22	43	77732	0.520	ppbv	#	87
35) Carbon Tetrachloride	6.98	117	6157	0.026	ppbv	#	46
37) 1,2-Dichloroethane	6.28	62	8088	0.049	ppbv	#	82
39) 1,2-Dichloropropane	7.15	63	847243	7.401	ppbv	#	23
41) Tetrahydrofuran	6.29	42	28417	0.413	ppbv	#	41
53) Toluene	9.77	91	188588	0.627	ppbv		100
58) Ethyl Benzene	12.94	91	51521	0.132	ppbv		92
59) m/p-Xylene	12.97	91	7868	0.023	ppbv	#	32
60) o-Xylene	13.66	91	23308	0.071	ppbv	#	31
61) Styrene	13.50	104	38990	0.235	ppbv	#	91

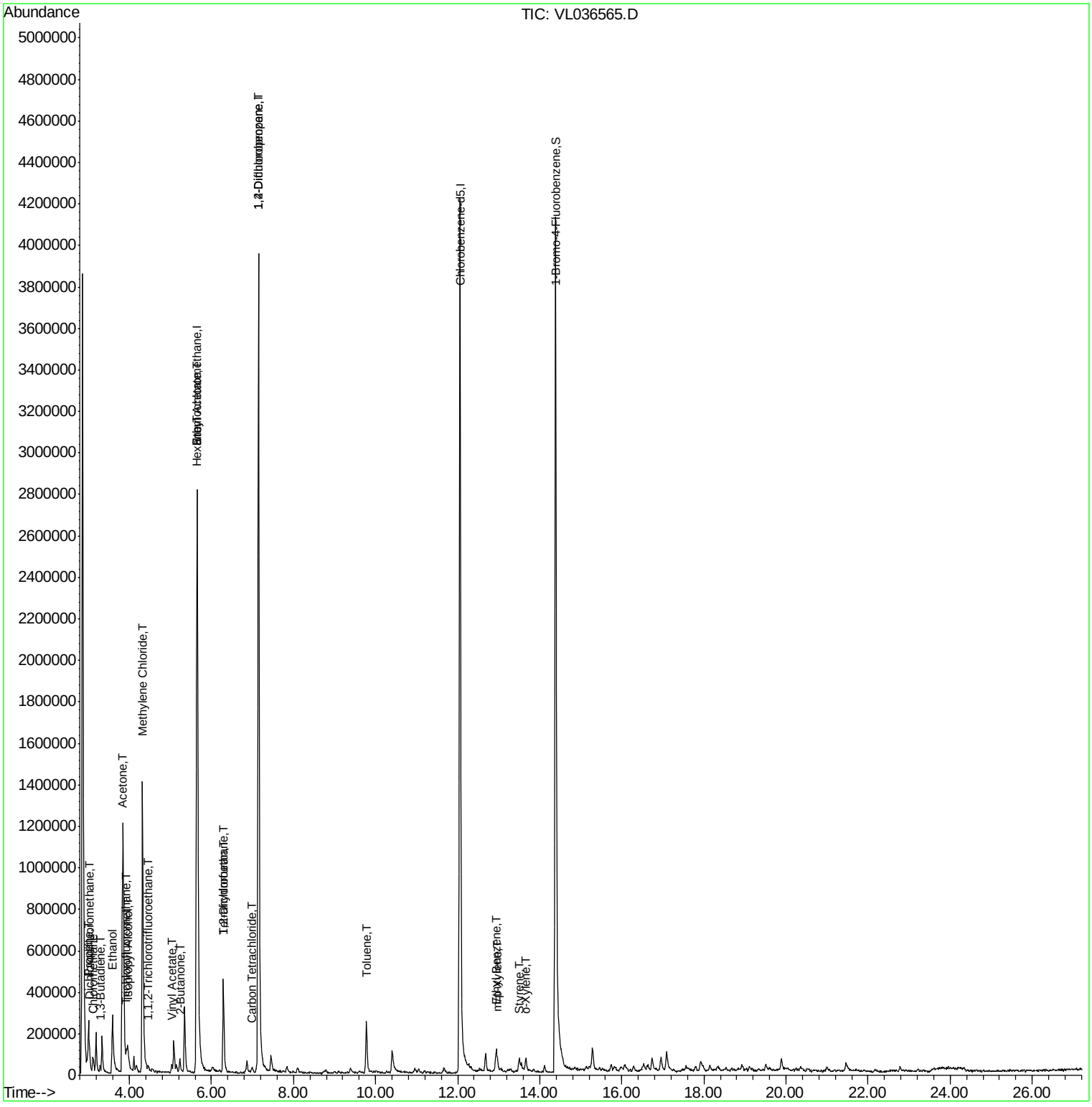
(#) = qualifier out of range (m) = manual integration (+) = signals summed

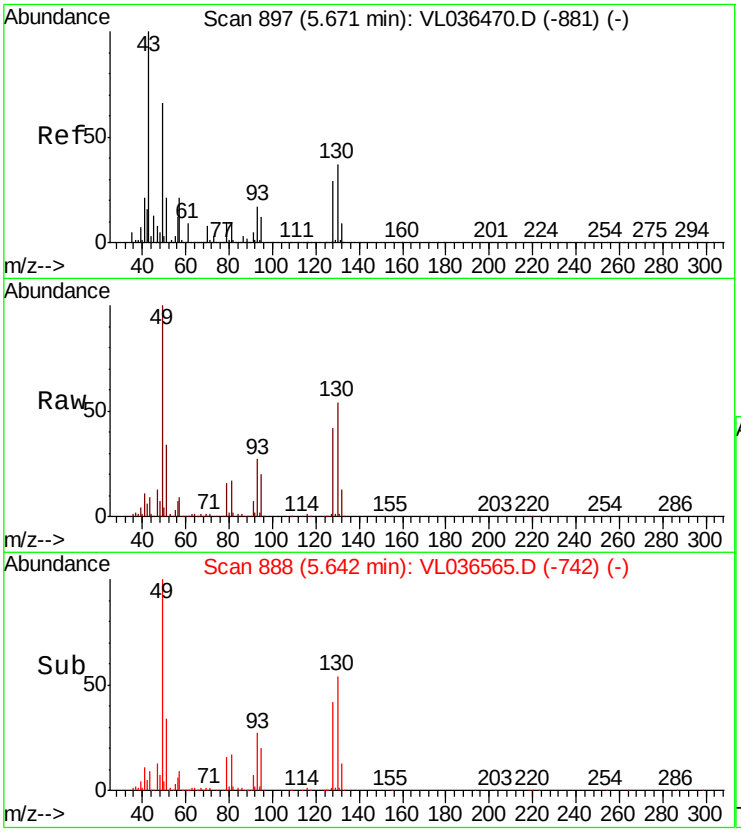
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036565.D
Acq On : 30 Mar 2021 11:38
Operator : SY/AP
Sample : M1868-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:13:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration



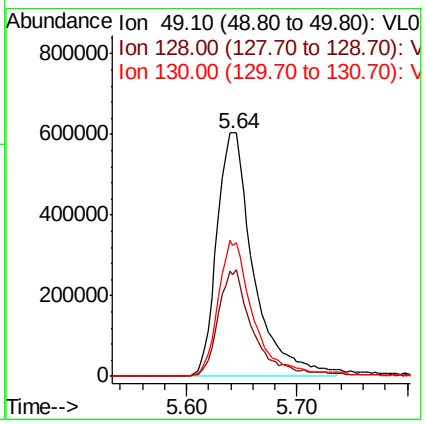


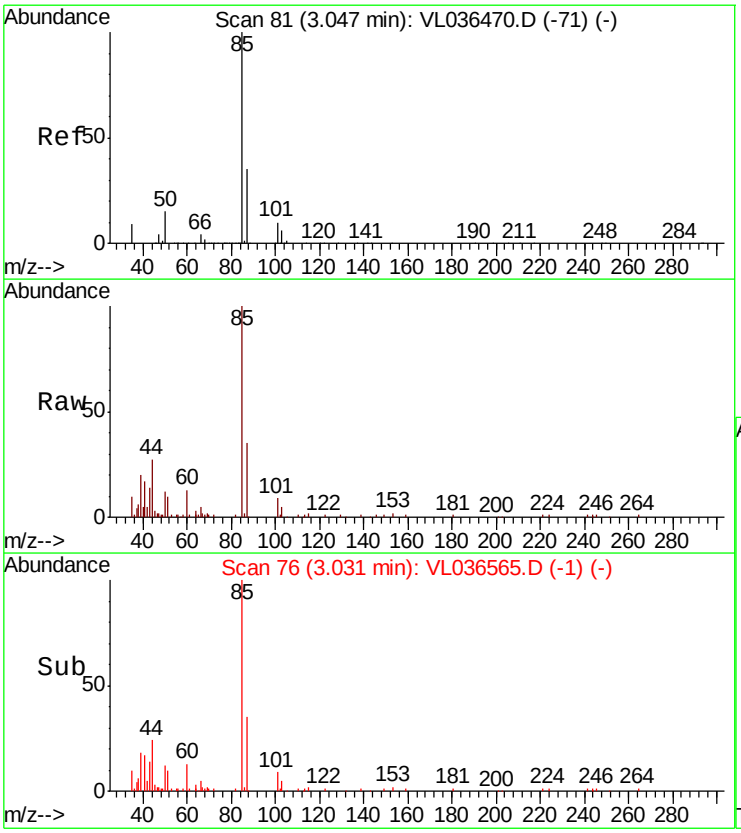
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1392408

Ion	Ratio	Lower	Upper
49	100		
128	42.6	23.5	70.6
130	55.0	29.1	87.4

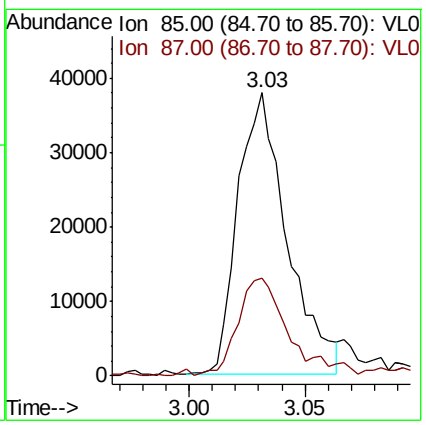


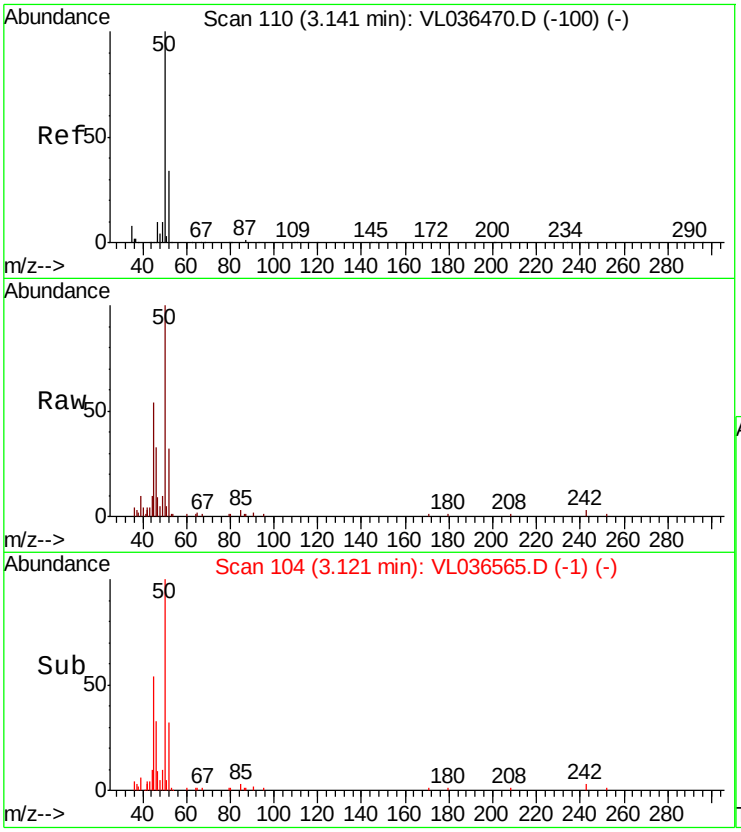


#2
Dichlorodifluoromethane
Concen: 0.247 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.02 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 85 Resp: 56049

Ion	Ratio	Lower	Upper
85	100		
87	32.1	27.8	41.8



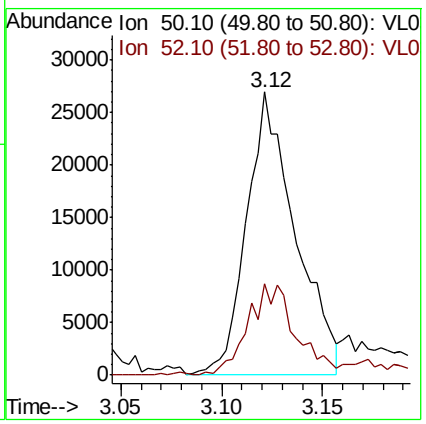


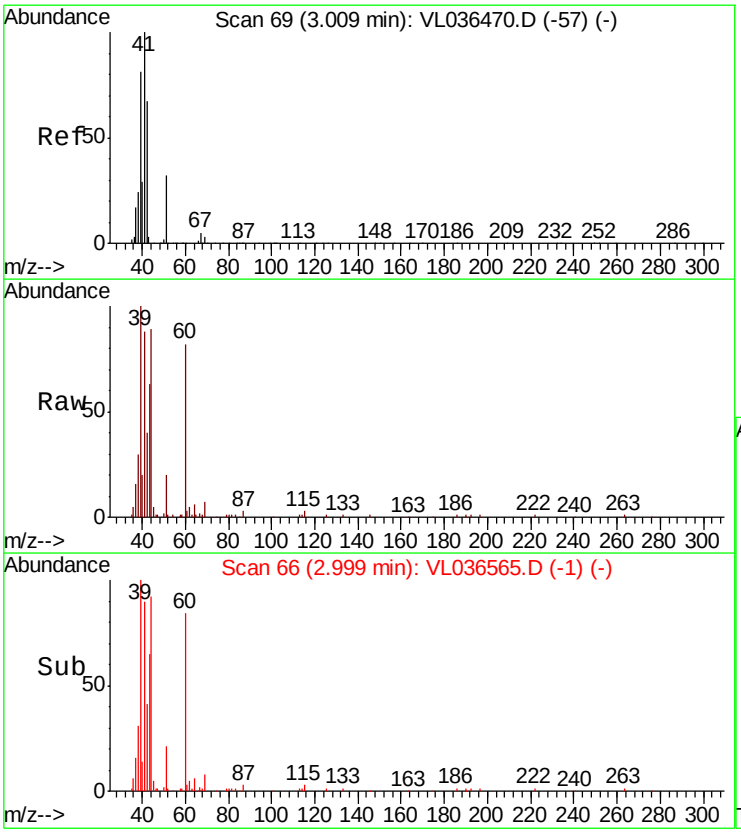
#4
Chloromethane
Concen: 0.496 ppbv
RT: 3.12 min Scan# 104
Delta R.T. -0.02 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 45543

Ion	Ratio	Lower	Upper
50	100		
52	31.4	27.0	40.6

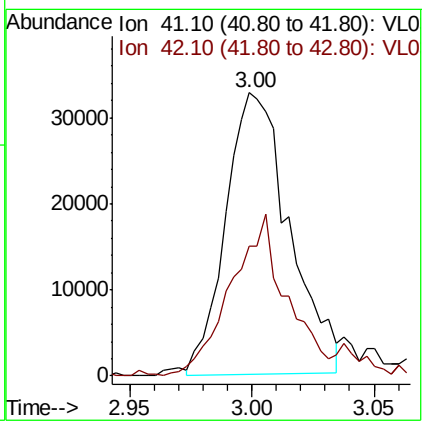


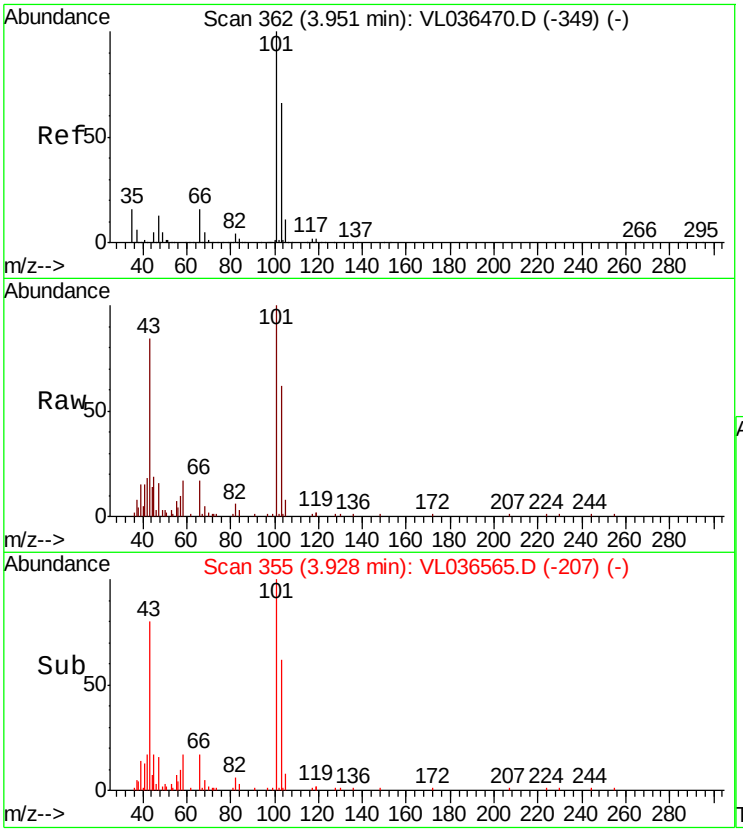


#9
Propene
Concen: 0.715 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 41 Resp: 59270

Ion	Ratio	Lower	Upper
41	100		
42	57.5	57.0	85.4



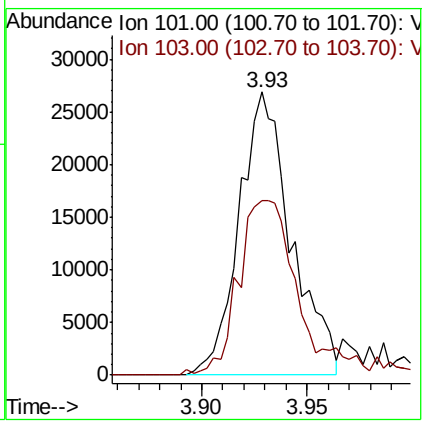


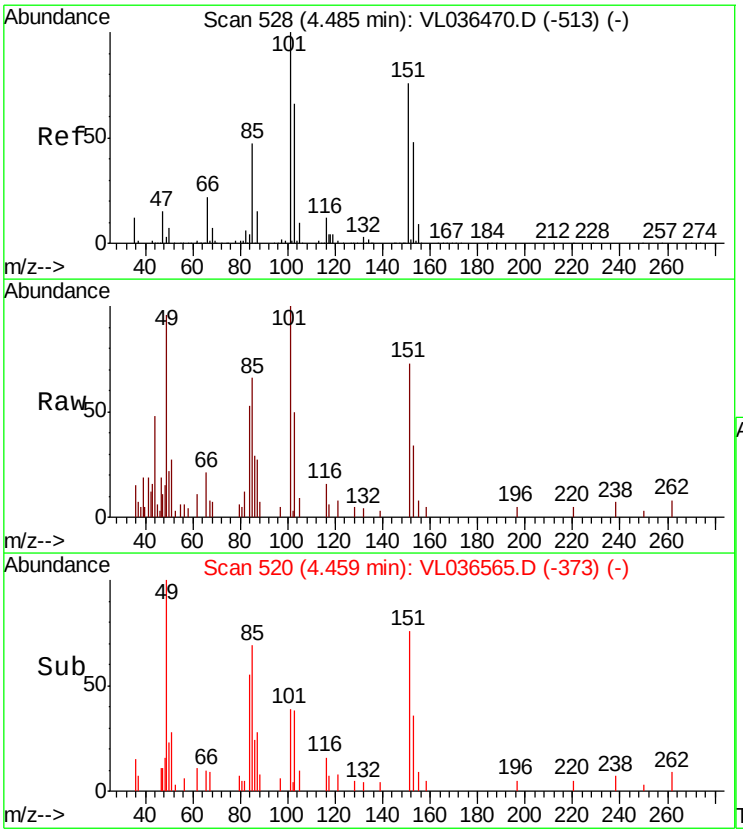
#11
Trichlorofluoromethane
Concen: 0.200 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.02 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 46296

Ion	Ratio	Lower	Upper
101	100		
103	59.7	52.5	78.7

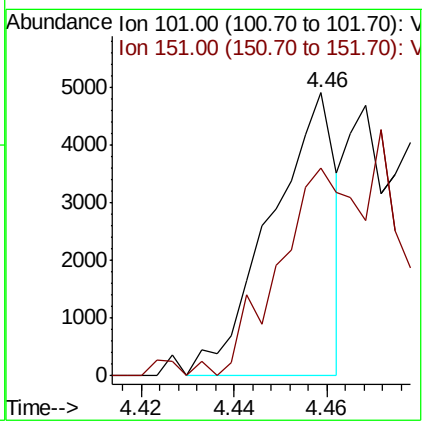


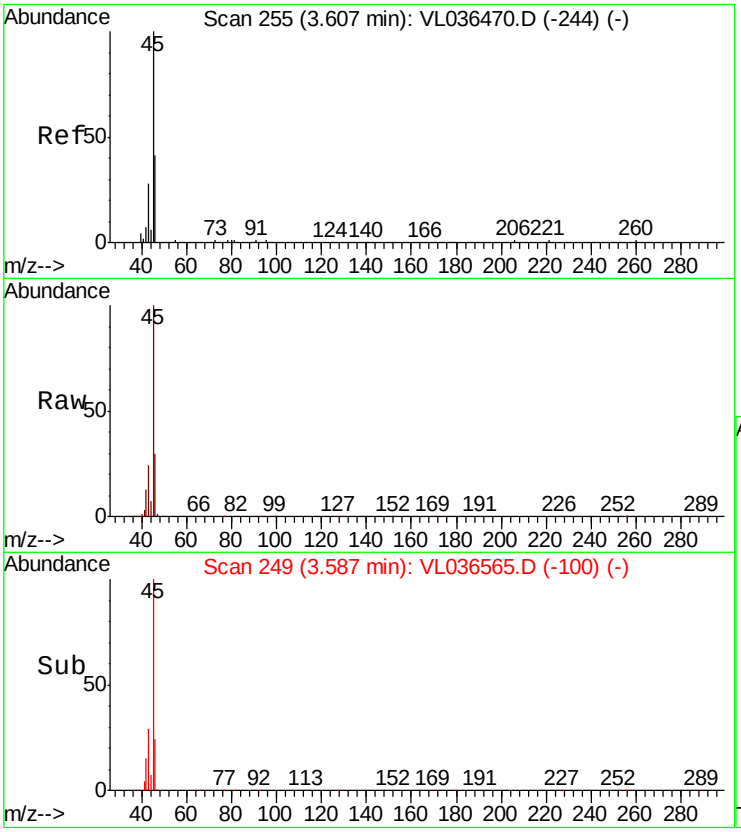


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.032 ppbv
RT: 4.46 min Scan# 520
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion:101 Resp: 4748

Ion	Ratio	Lower	Upper
101	100		
151	0.0	60.9	91.3#



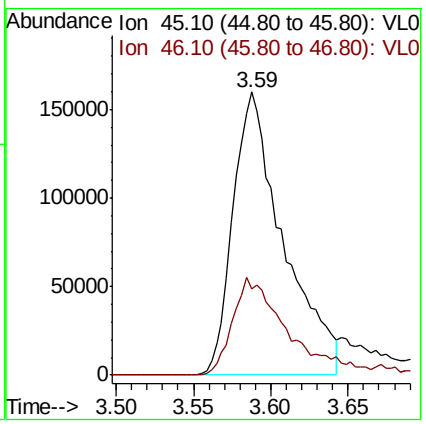


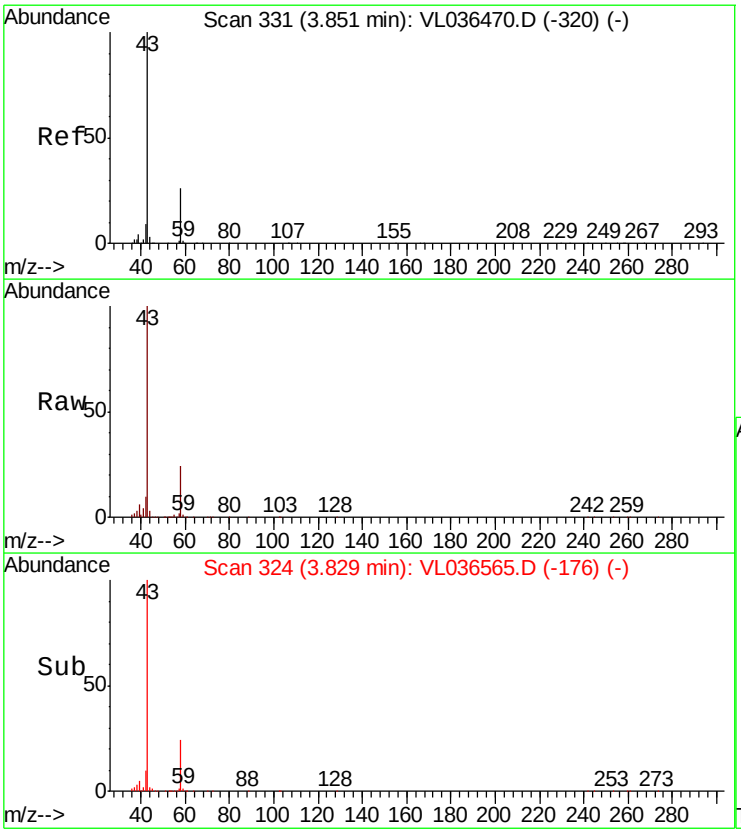
#13
Ethanol
Concen: 36.526 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 360736

Ion	Ratio	Lower	Upper
45	100		
46	39.9	16.6	66.2

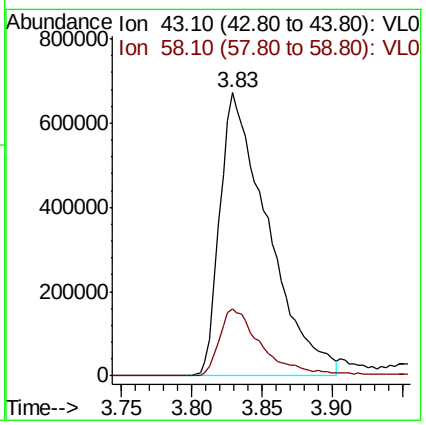


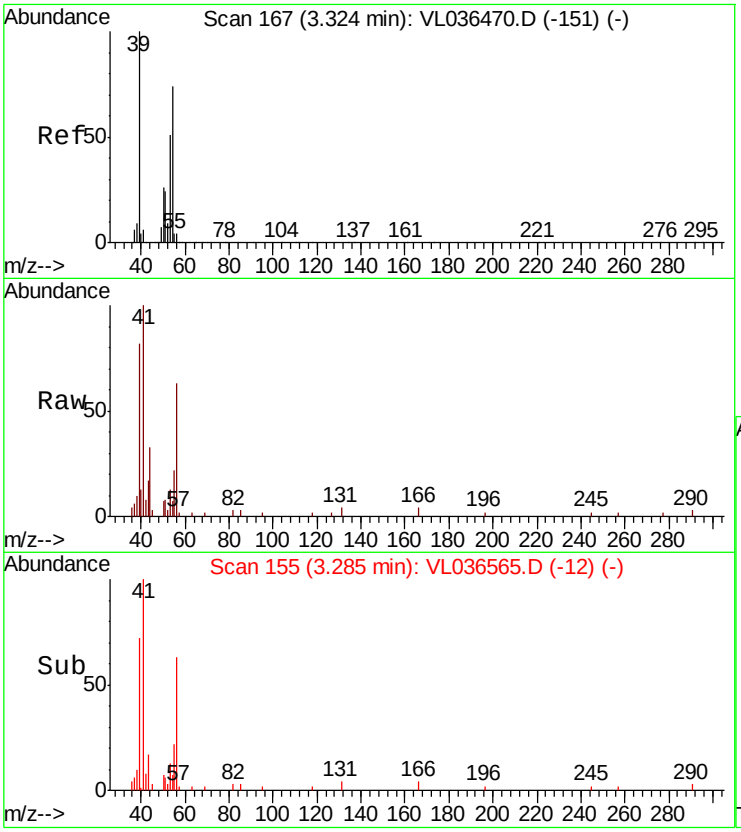


#15
Acetone
Concen: 11.635 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.02 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 43 Resp: 1594566

Ion	Ratio	Lower	Upper
43	100		
58	21.5	21.2	31.8



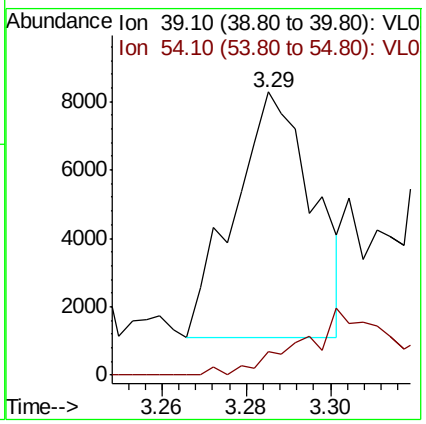


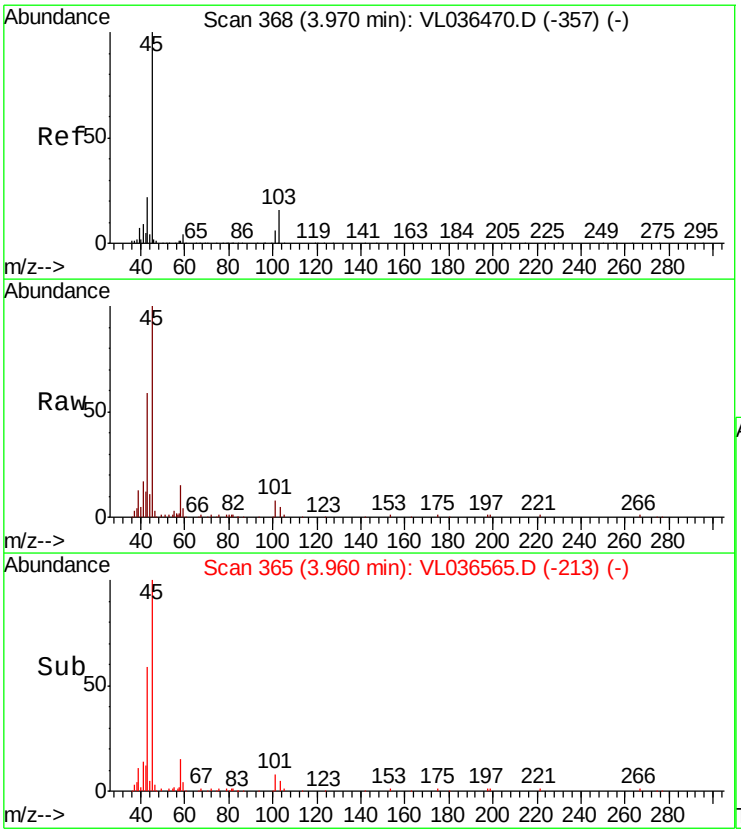
#16
1,3-Butadiene
Concen: 0.097 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.04 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 9275

Ion	Ratio	Lower	Upper
39	100		
54	29.5	58.8	88.2#

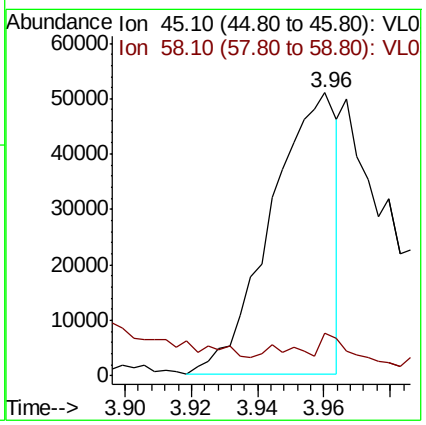


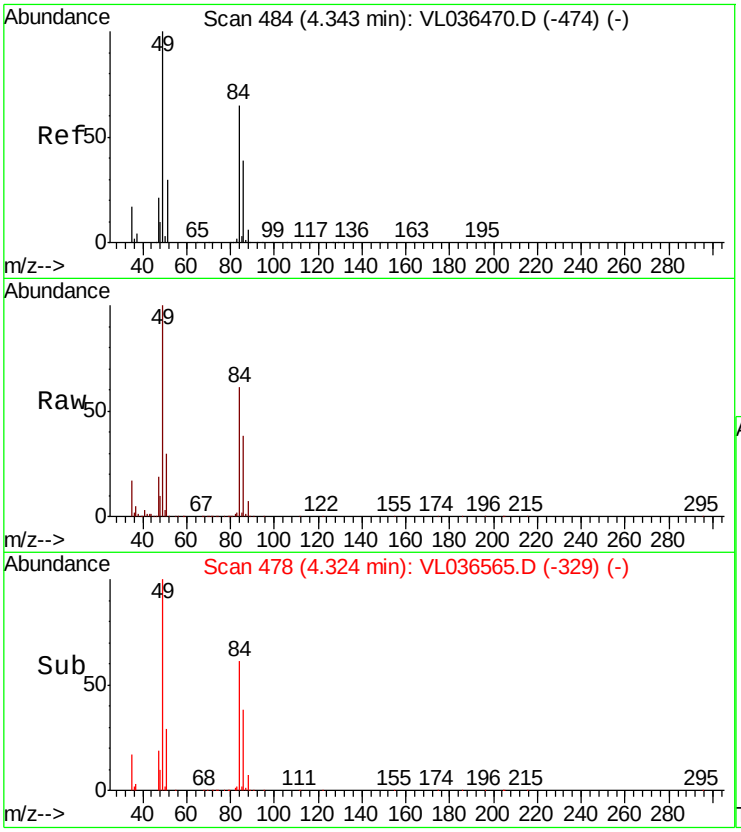


#19
Isopropyl Alcohol
Concen: 0.924 ppbv
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 45 Resp: 69688

Ion	Ratio	Lower	Upper
45	100		
58	14.9	2.9	4.3#



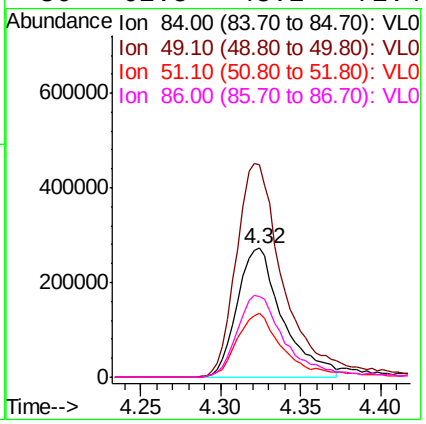


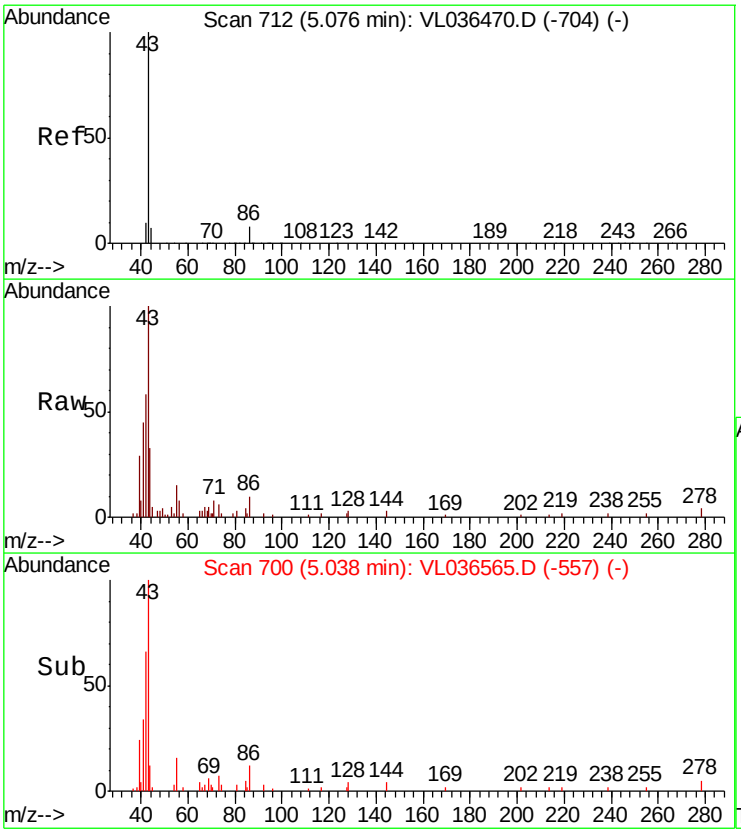
#20
Methylene Chloride
Concen: 8.238 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 528597

Ion	Ratio	Lower	Upper
84	100		
49	163.9	122.9	184.3
51	49.4	36.9	55.3
86	62.5	48.2	72.4

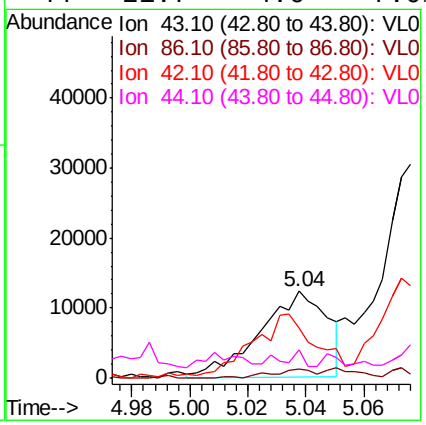


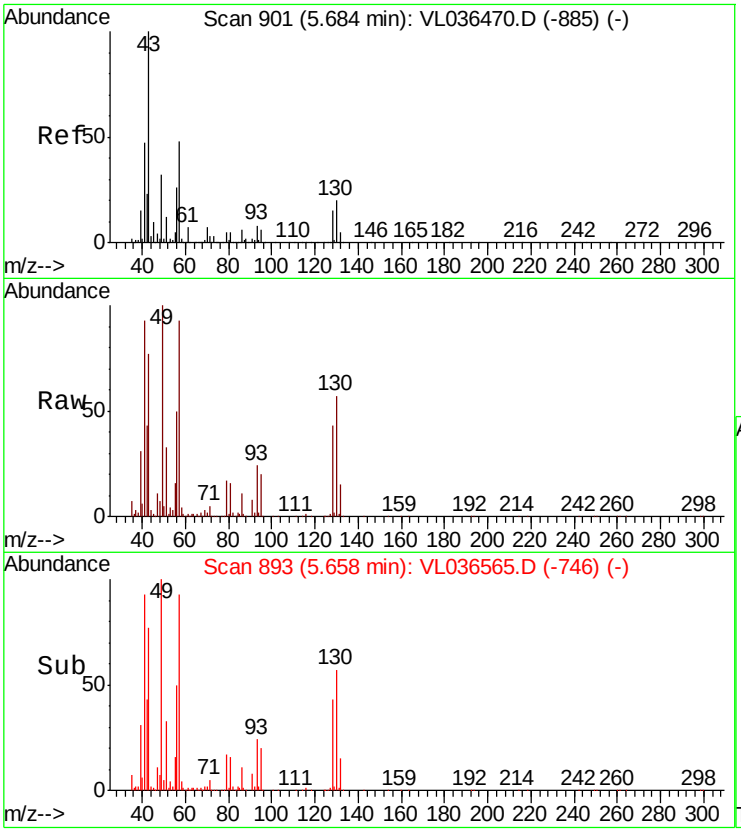


#23
Vinyl Acetate
Concen: 0.084 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.04 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 43 Resp: 19676

Ion	Ratio	Lower	Upper
43	100		
86	10.5	5.4	8.0#
42	55.7	8.5	12.7#
44	21.7	4.6	7.0#



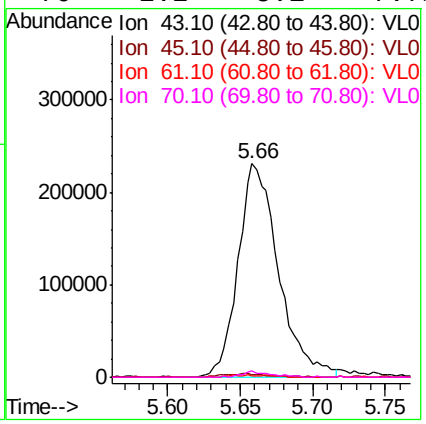


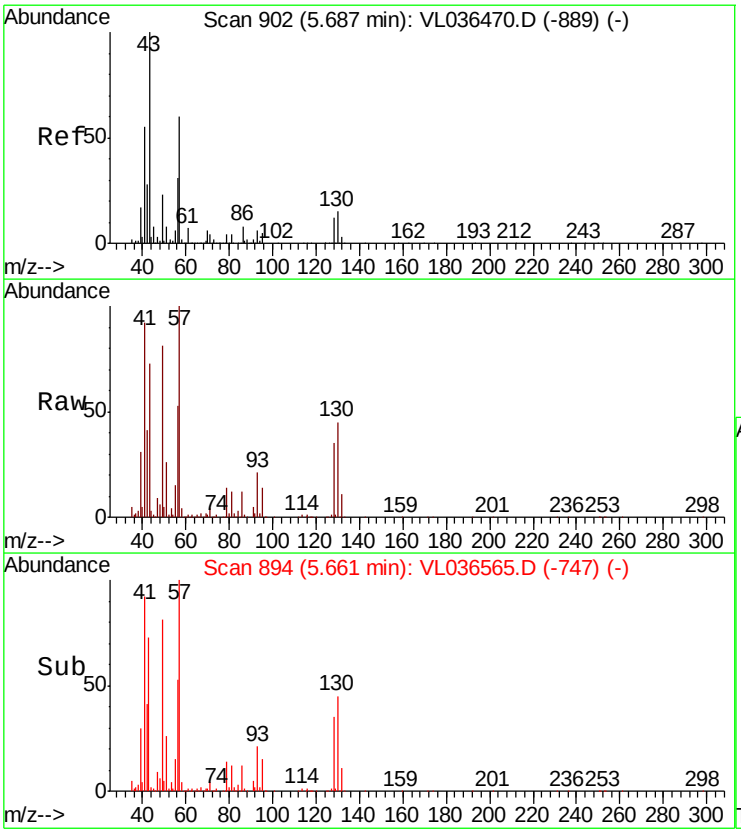
#25
Ethyl Acetate
Concen: 1.371 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 446619

Ion	Ratio	Lower	Upper
43	100		
45	2.2	7.9	11.9#
61	1.2	7.4	11.2#
70	2.2	5.1	7.7#

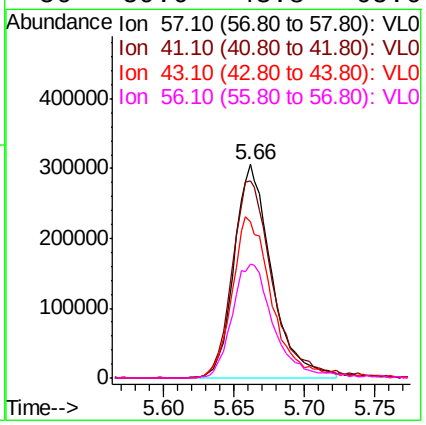


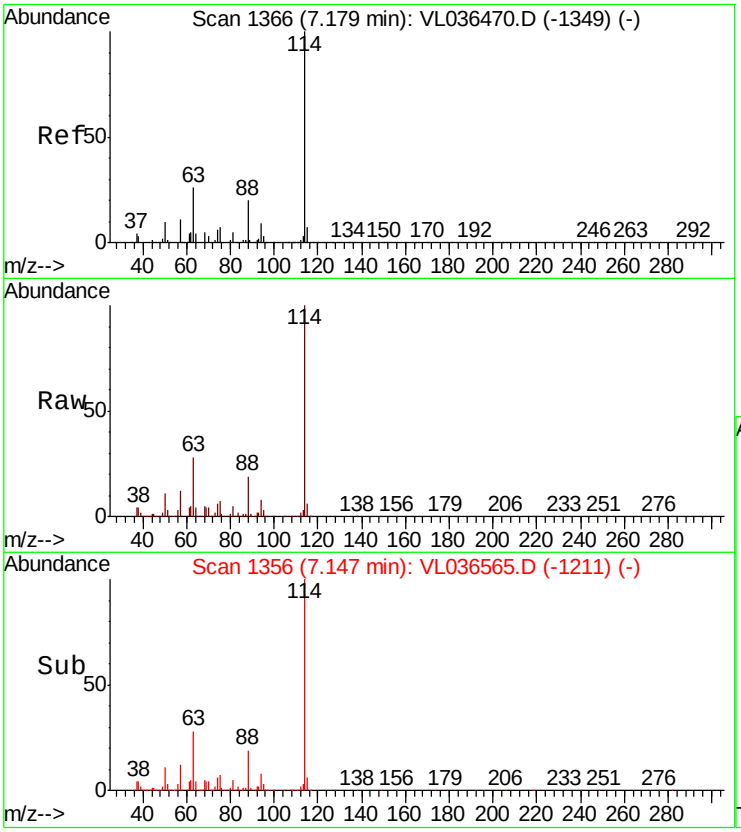


#26
Hexane
Concen: 3.760 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 57 Resp: 568467

Ion	Ratio	Lower	Upper
57	100		
41	102.2	77.2	115.8
43	80.9	173.8	260.6#
56	59.6	43.8	65.6



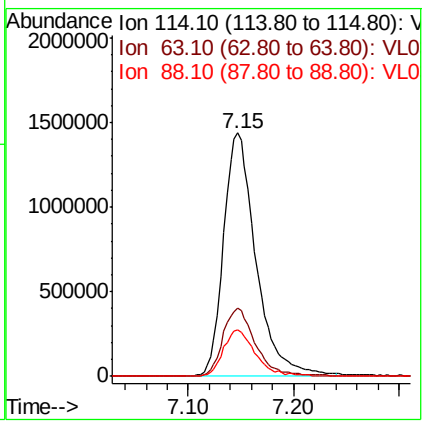


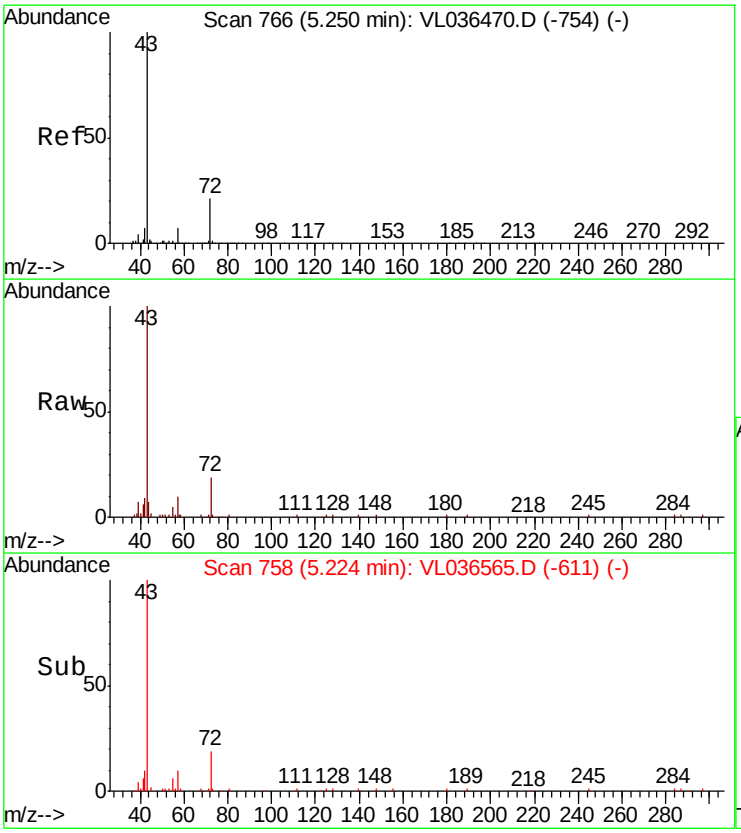
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3060101

Ion	Ratio	Lower	Upper
114	100		
63	28.6	22.4	33.6
88	19.4	15.4	23.0

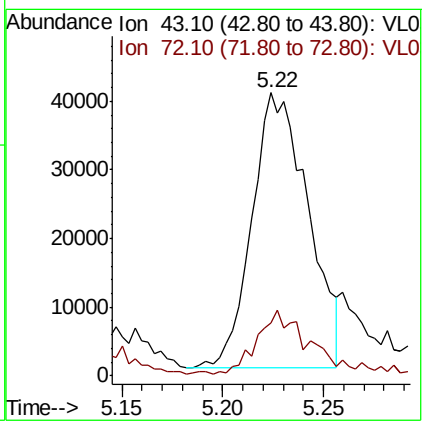


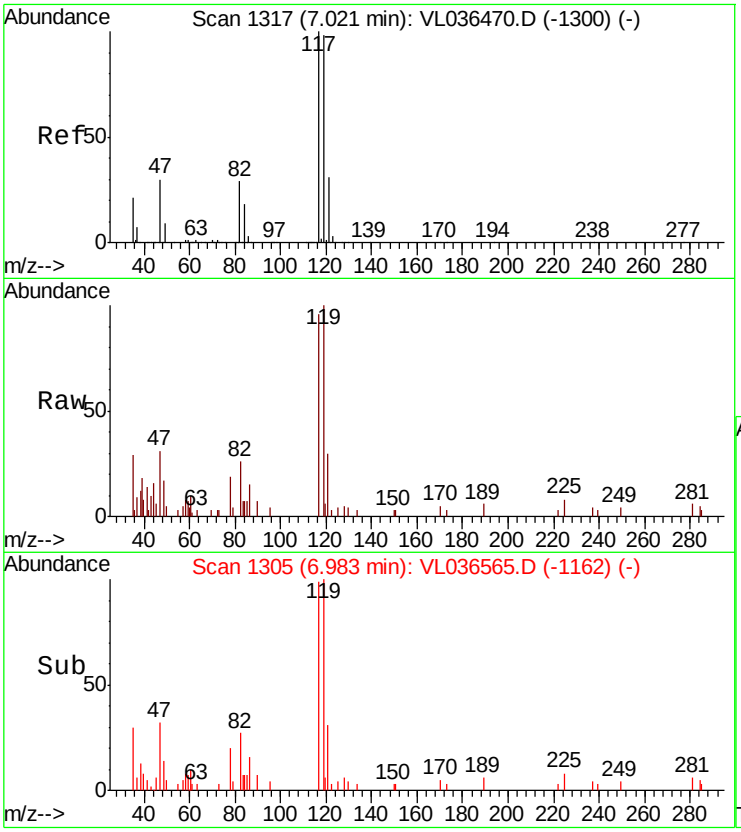


#34
2-Butanone
Concen: 0.520 ppbv
RT: 5.22 min Scan# 758
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 43 Resp: 77732

Ion	Ratio	Lower	Upper
43	100		
72	27.4	17.0	25.6#



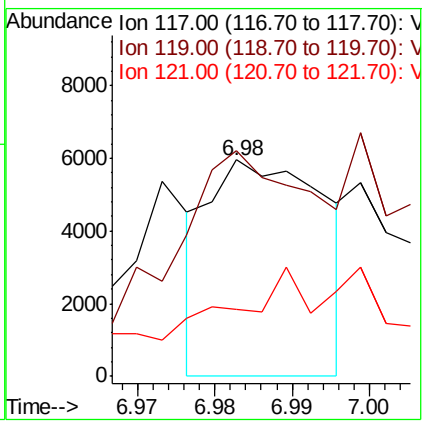


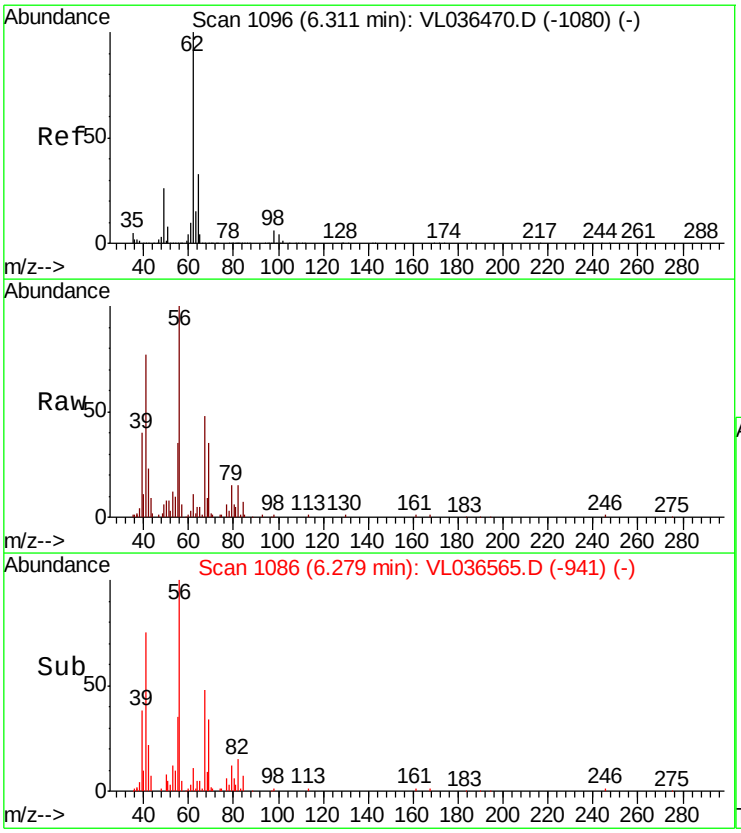
#35
Carbon Tetrachloride
Concen: 0.026 ppbv
RT: 6.98 min Scan# 1305
Delta R.T. -0.04 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 6157

Ion	Ratio	Lower	Upper
117	100		
119	160.1	78.2	117.2#
121	18.3	24.5	36.7#

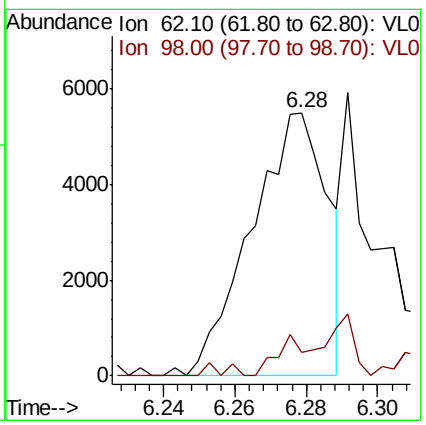


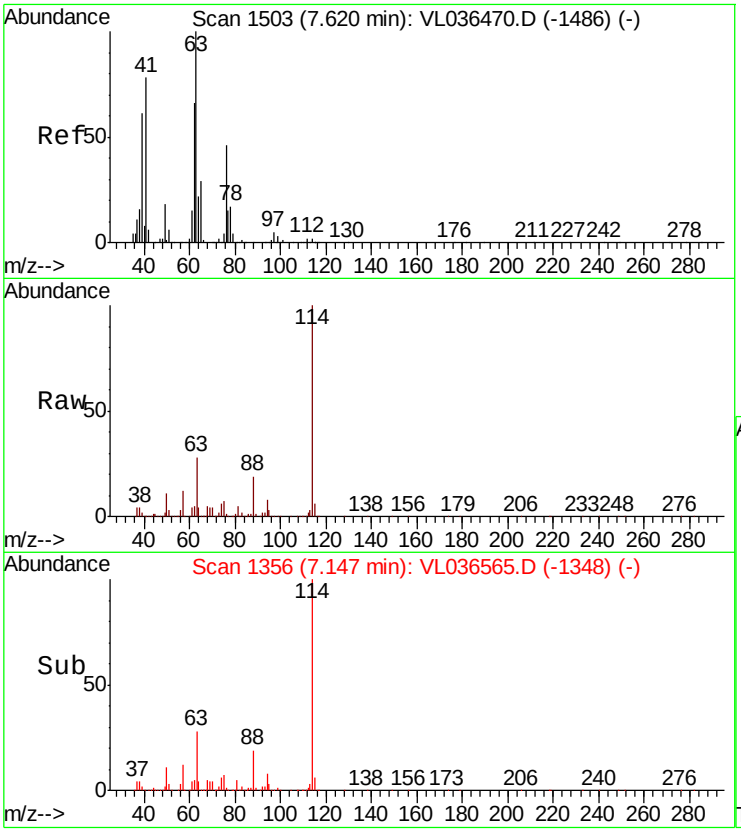


#37
1,2-Dichloroethane
Concen: 0.049 ppbv
RT: 6.28 min Scan# 1086
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 62 Resp: 8088

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.9	7.3#



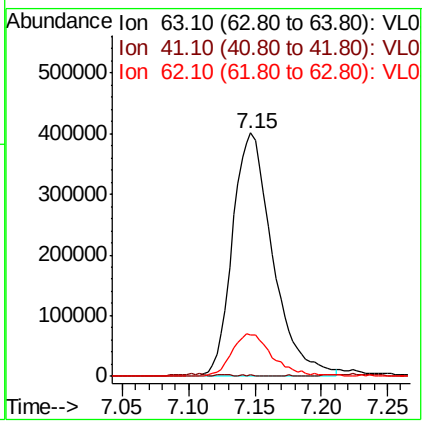


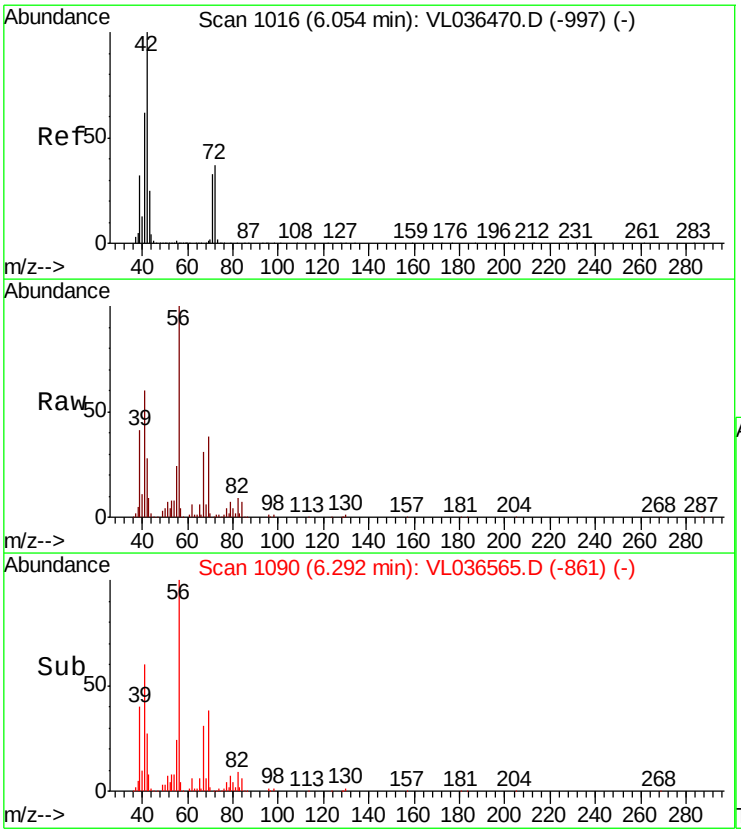
#39
1,2-Dichloropropane
Concen: 7.401 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.47 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 847243

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	16.9	52.8	79.2#

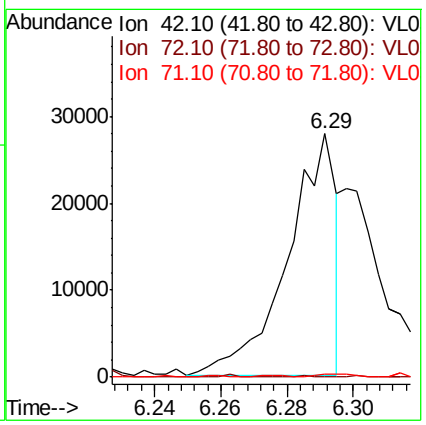


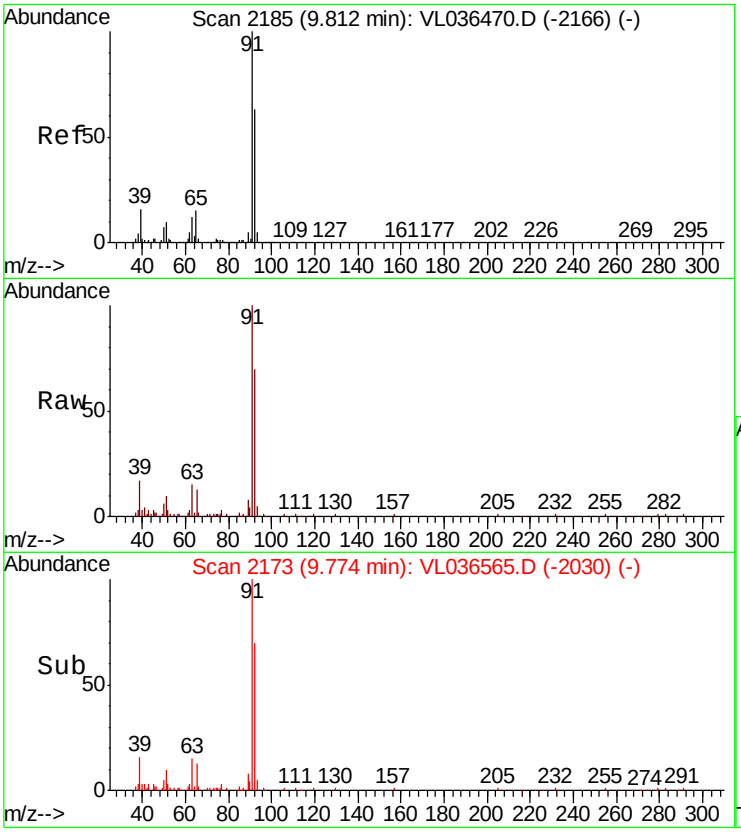


#41
Tetrahydrofuran
Concen: 0.413 ppbv
RT: 6.29 min Scan# 1090
Delta R.T. 0.24 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 42 Resp: 28417

Ion	Ratio	Lower	Upper
42	100		
72	0.3	27.6	41.4#
71	0.0	27.0	40.4#



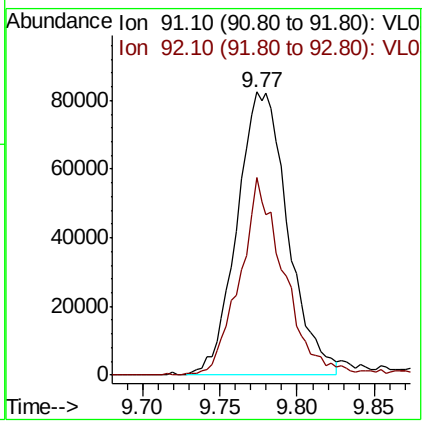


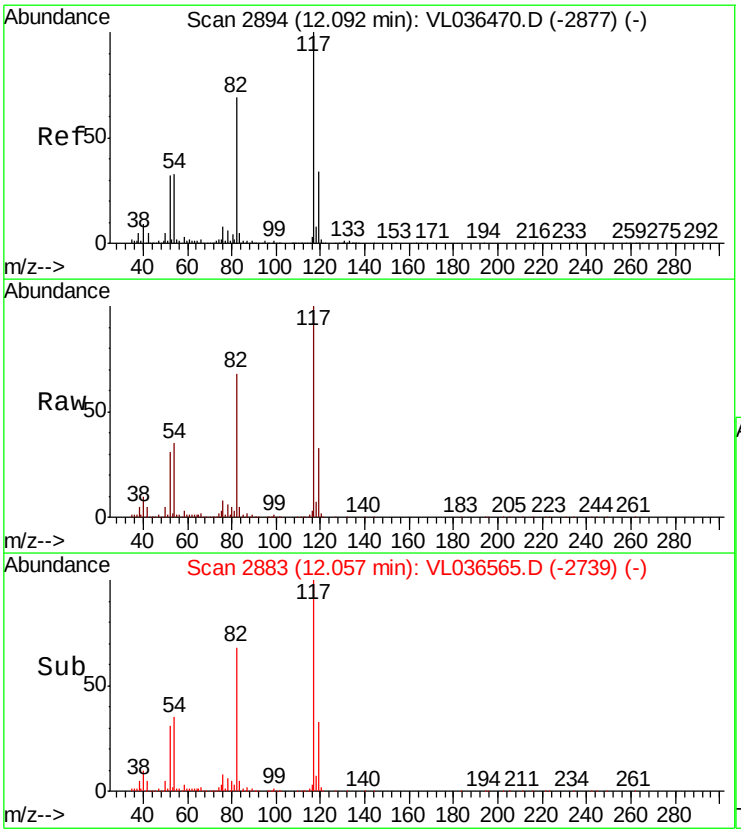
#53
Toluene
Concen: 0.627 ppbv
RT: 9.77 min Scan# 2173
Delta R.T. -0.04 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 188588

Ion	Ratio	Lower	Upper
91	100		
92	61.0	48.8	73.2

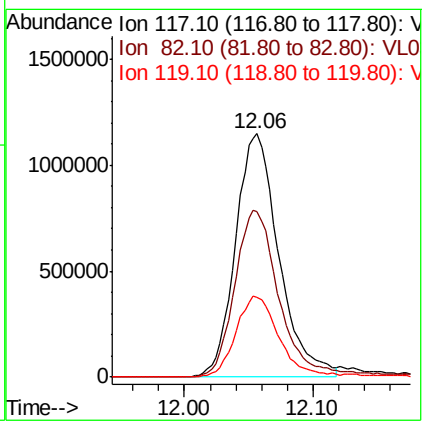


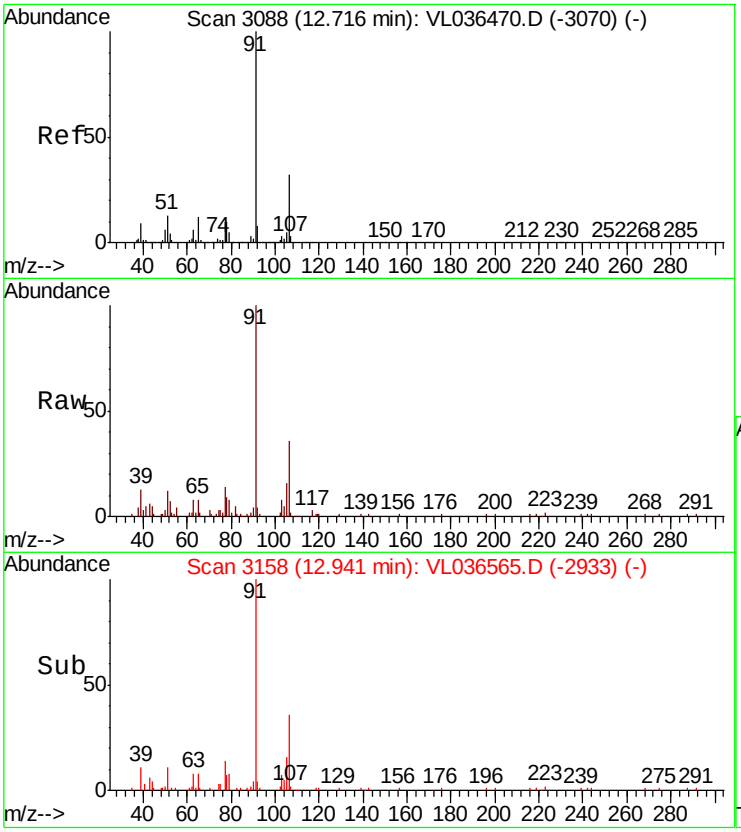


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion:117 Resp: 2688358

Ion	Ratio	Lower	Upper
117	100		
82	72.2	57.4	86.0
119	34.5	47.4	71.0#



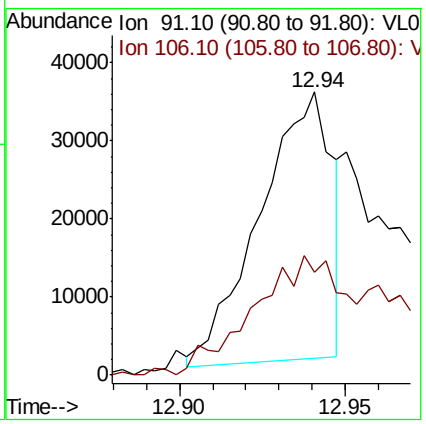


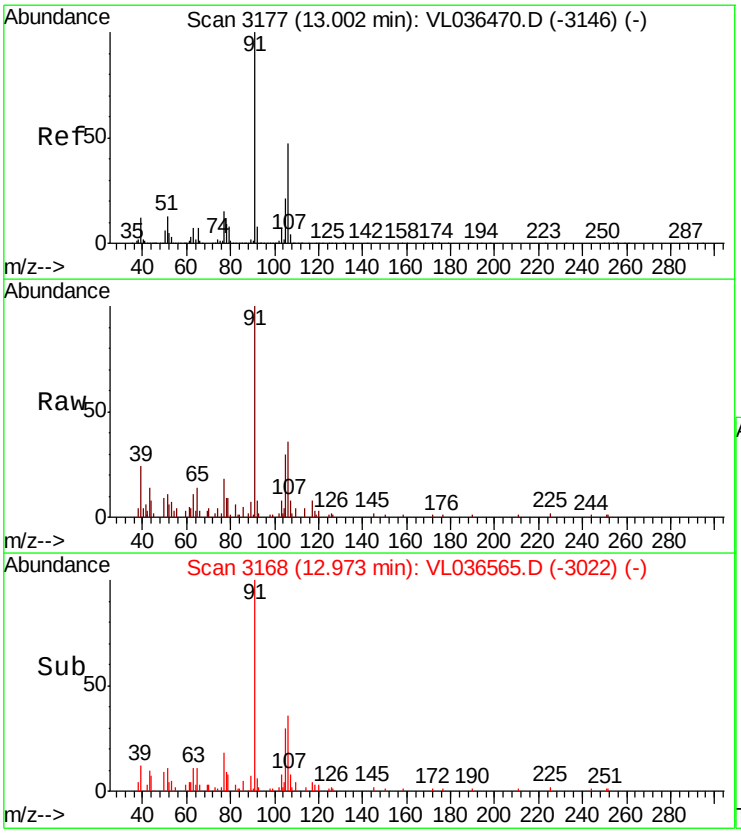
#58
Ethyl Benzene
Concen: 0.132 ppbv
RT: 12.94 min Scan# 3158
Delta R.T. 0.22 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 51521

Ion	Ratio	Lower	Upper
91	100		
106	36.0	25.3	37.9

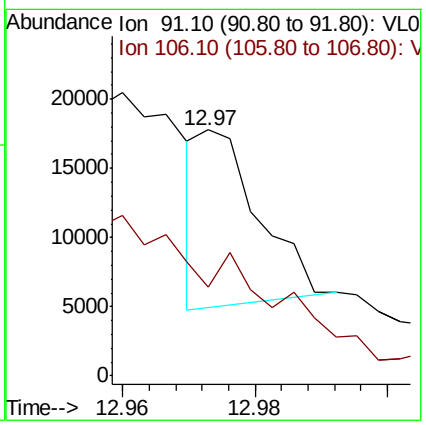


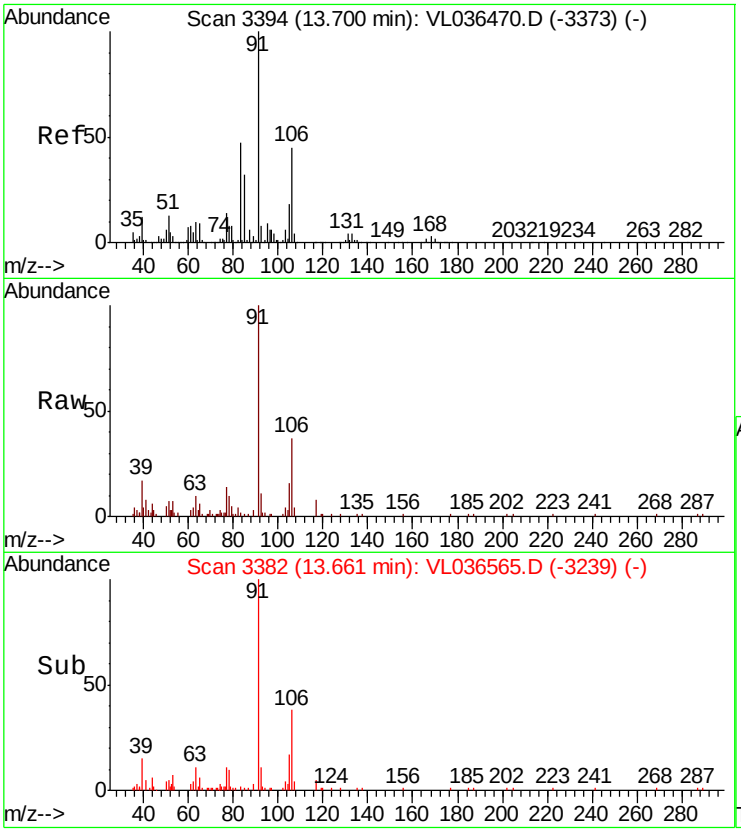


#59
m/p-Xylene
Concen: 0.023 ppbv
RT: 12.97 min Scan# 3168
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion: 91 Resp: 7868

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.3	52.9#



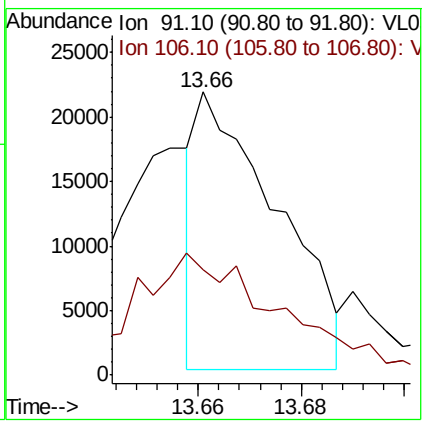


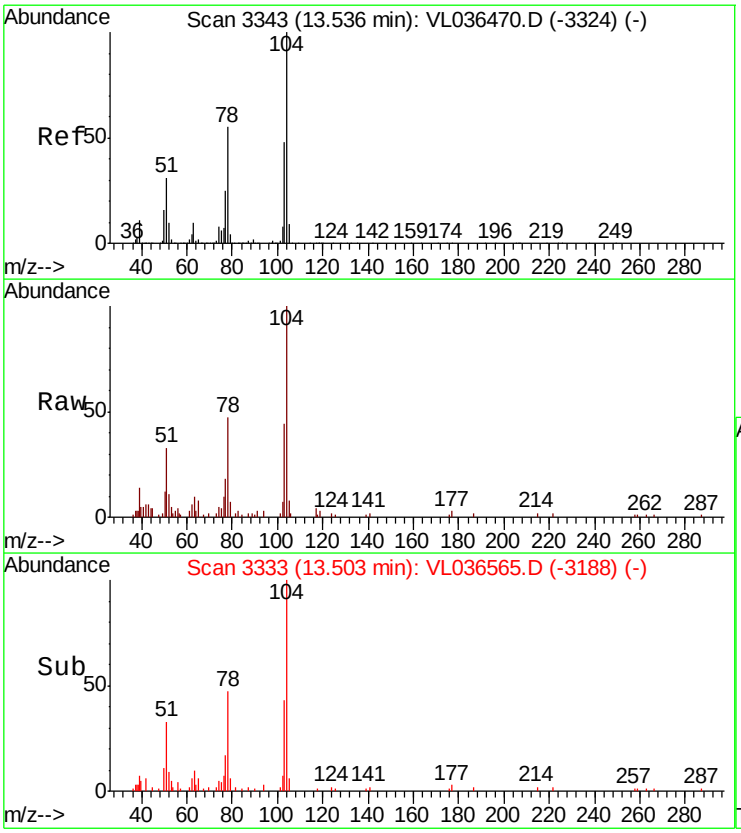
#60
o-Xylene
Concen: 0.071 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.04 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 23308

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.3	66.9#

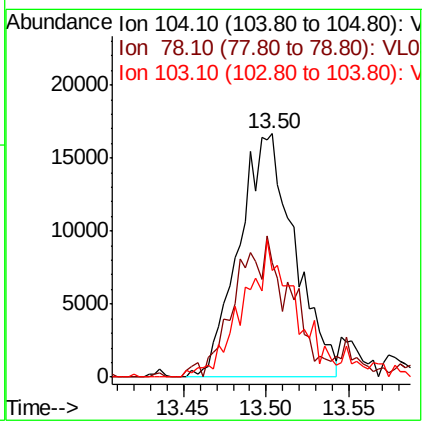


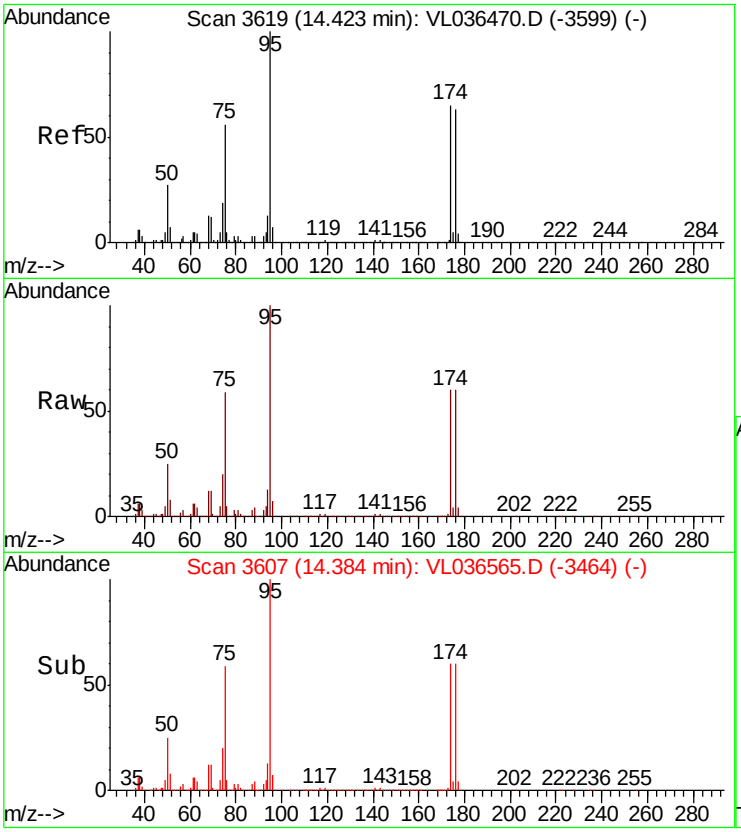


#61
Styrene
Concen: 0.235 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.03 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Tgt Ion:104 Resp: 38990

Ion	Ratio	Lower	Upper
104	100		
78	57.7	43.8	65.8
103	57.7	38.3	57.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.405 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL036565.D
Acq: 30 Mar 2021 11:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2229479

Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.0	76.6
175	4.8	3.9	5.9