Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036484.D
Acq On : 25 Mar 2021 13:37
Operator :
Sample : M1801-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 26 03:49:56 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	5.66	49	1505406	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3437969	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3018554	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2402606	9.99	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	9100	0.037	ppbv #	83
3) Chlorodifluoromethane	2.98	51	44995	0.160	ppbv #	83
4) Chloromethane	3.14	50	4254	0.043	ppbv #	81
9) Propene	3.02	41	36365	0.406	ppbv	88
13) Ethanol	3.60	45	300713	28.163	ppbv	98
15) Acetone	3.85	43	103433	0.698	ppbv #	67
19) Isopropyl Alcohol	3.96	45	12027	0.148	ppbv #	1
20) Methylene Chloride	4.34	84	215409	3.105	ppbv	97
23) Vinyl Acetate	5.06	43	5330	0.021	ppbv #	87
25) Ethyl Acetate	5.68	43	119432	0.339	ppbv #	85
26) Hexane	5.68	57	151861	0.929	ppbv #	46
34) 2-Butanone	5.25	43	3618	0.022	ppbv #	37
39) 1,2-Dichloropropane	7.22	63	14392	0.112	ppbv #	23
53) Toluene	9.80	91	33085	0.098	ppbv #	20

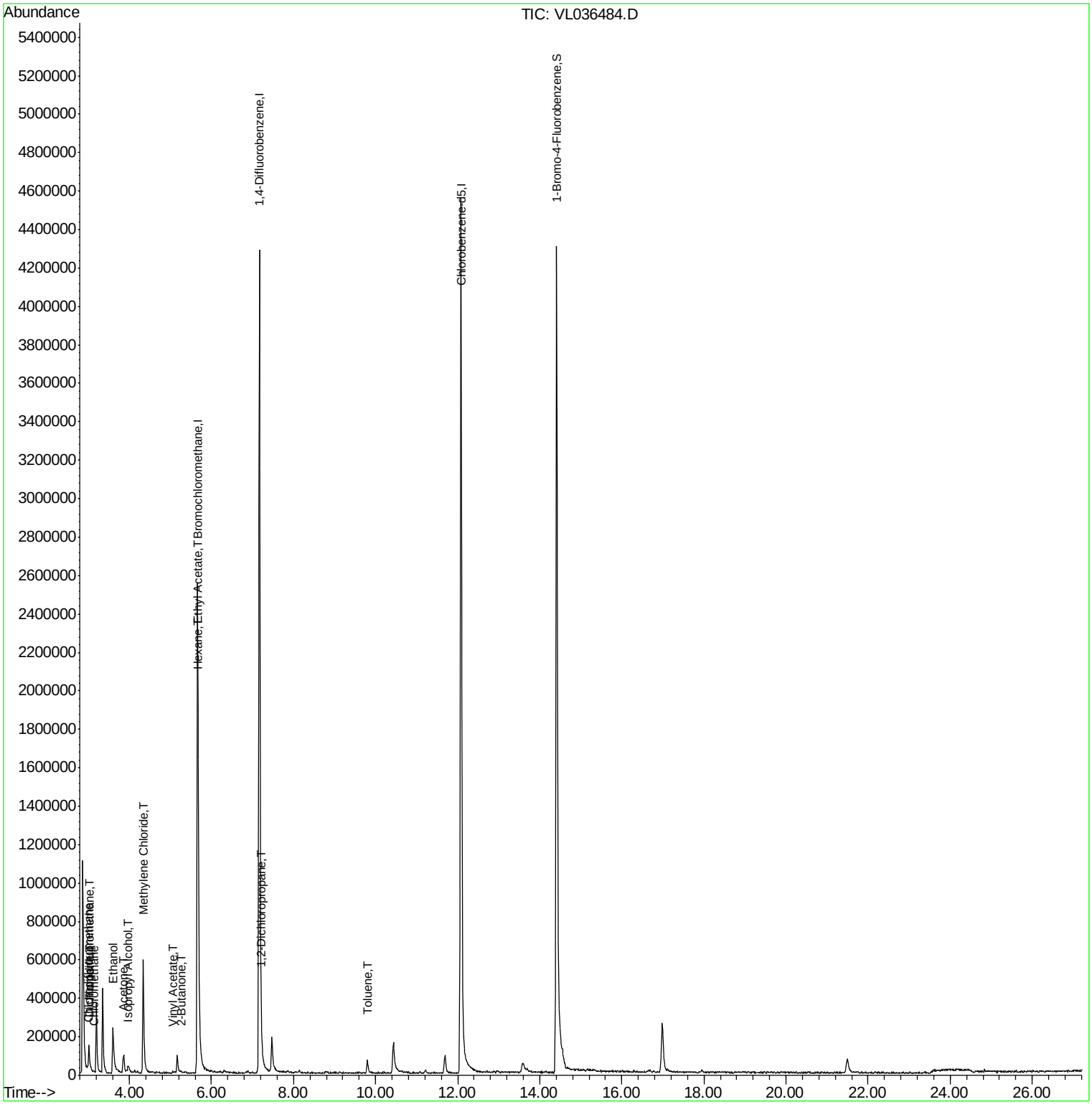
(#) = qualifier out of range (m) = manual integration (+) = signals summed

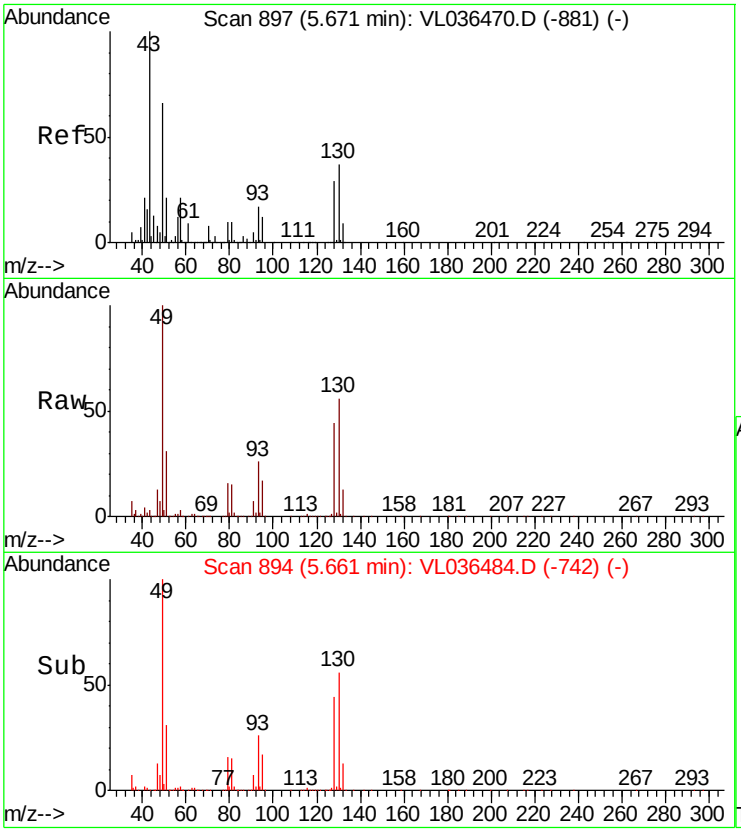
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036484.D
Acq On : 25 Mar 2021 13:37
Operator :
Sample : M1801-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 26 03:49:56 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



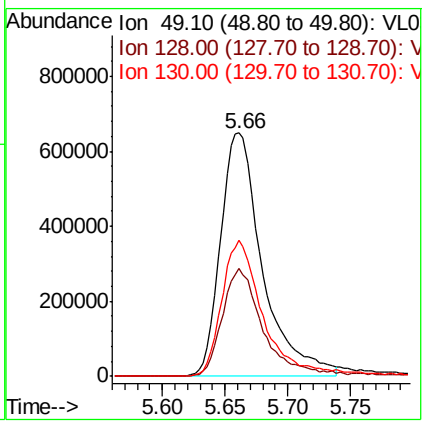


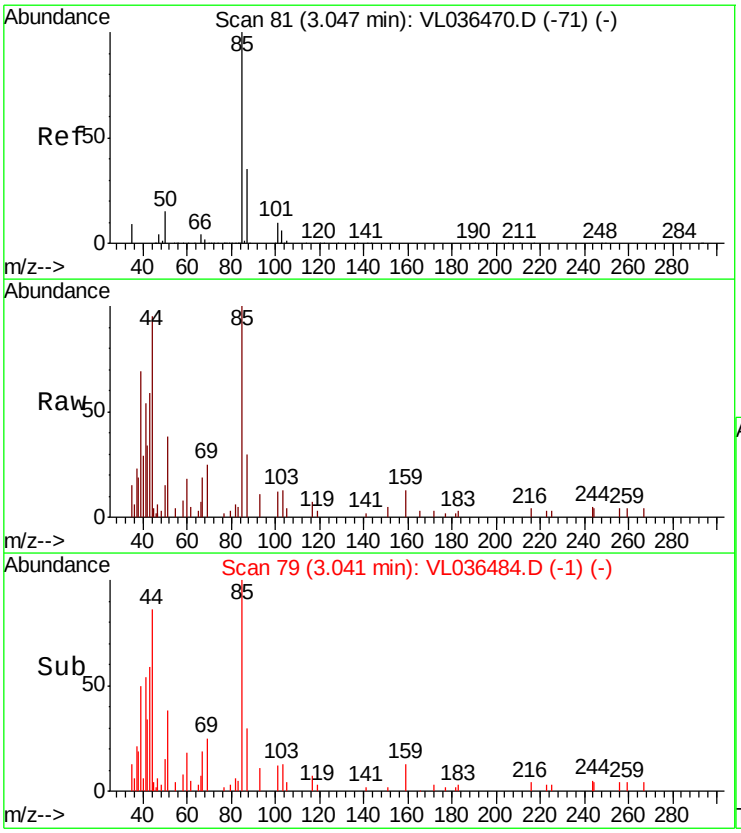
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1505406

Ion	Ratio	Lower	Upper
49	100		
128	44.8	23.5	70.6
130	57.6	29.1	87.4

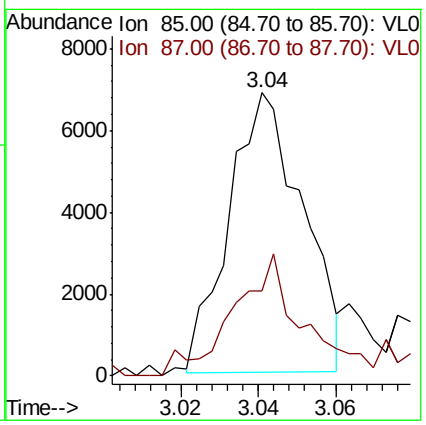


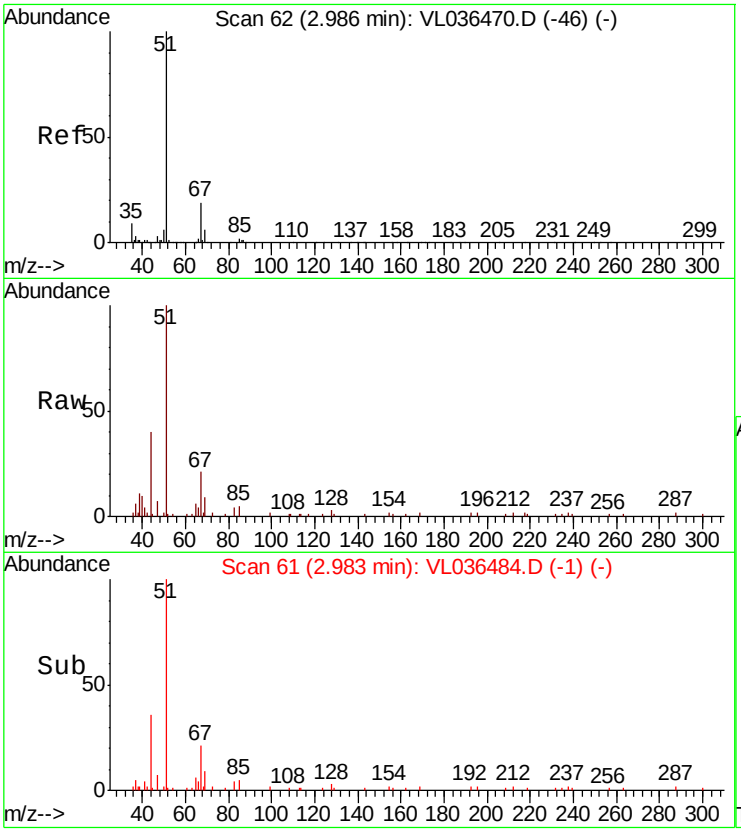


#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 85 Resp: 9100

Ion	Ratio	Lower	Upper
85	100		
87	24.9	27.8	41.8#



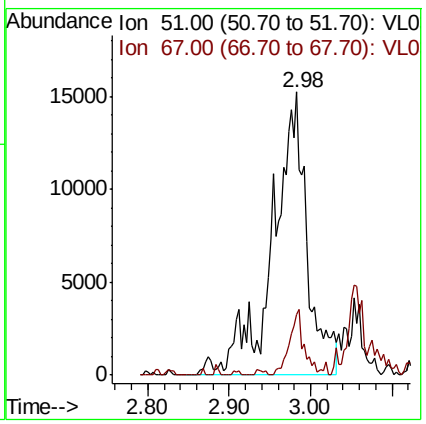


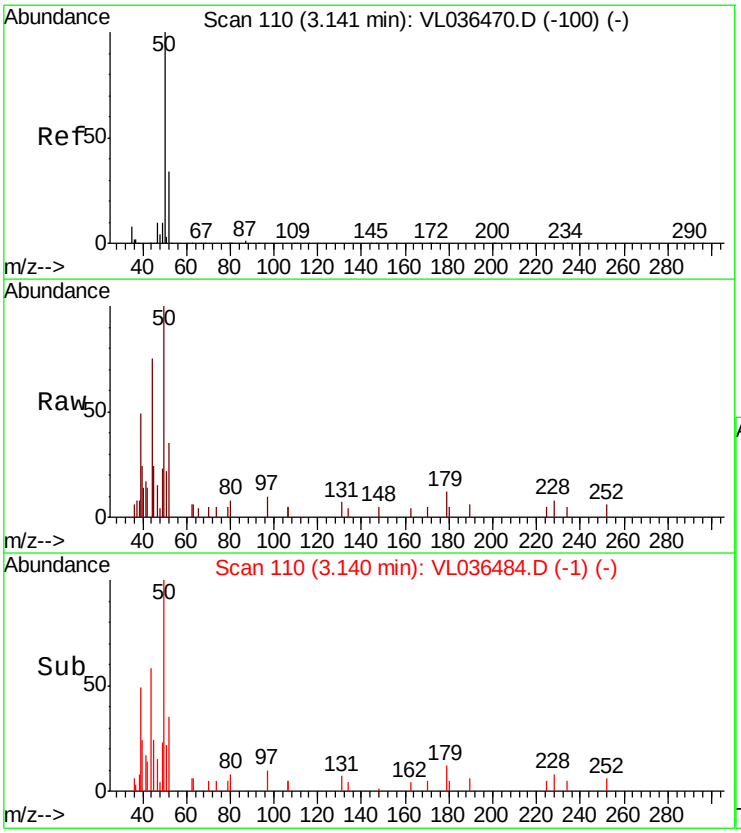
#3
Chlorodifluoromethane
Concen: 0.160 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 44995

Ion	Ratio	Lower	Upper
51	100		
67	10.7	14.7	22.1#

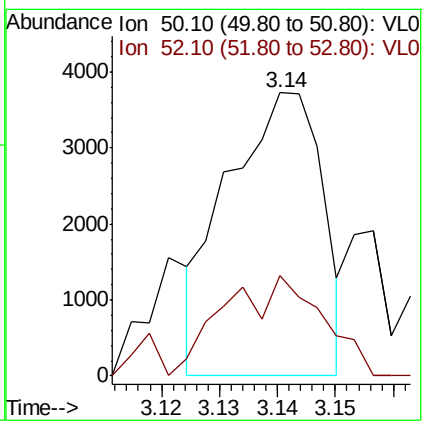


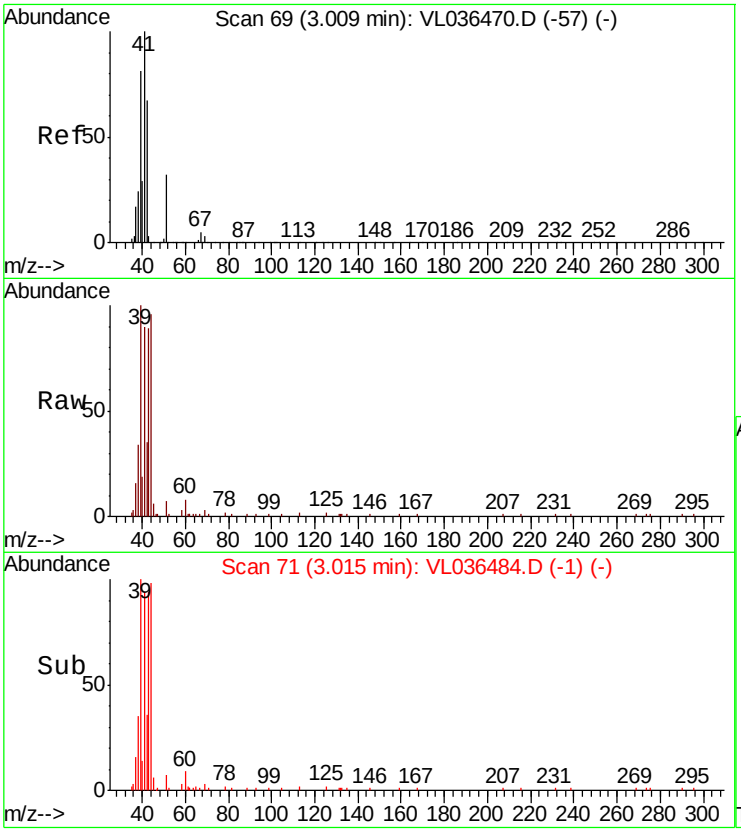


#4
Chloromethane
Concen: 0.043 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 50 Resp: 4254

Ion	Ratio	Lower	Upper
50	100		
52	44.9	27.0	40.6#



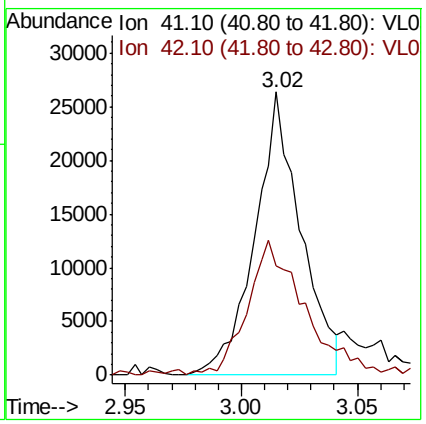


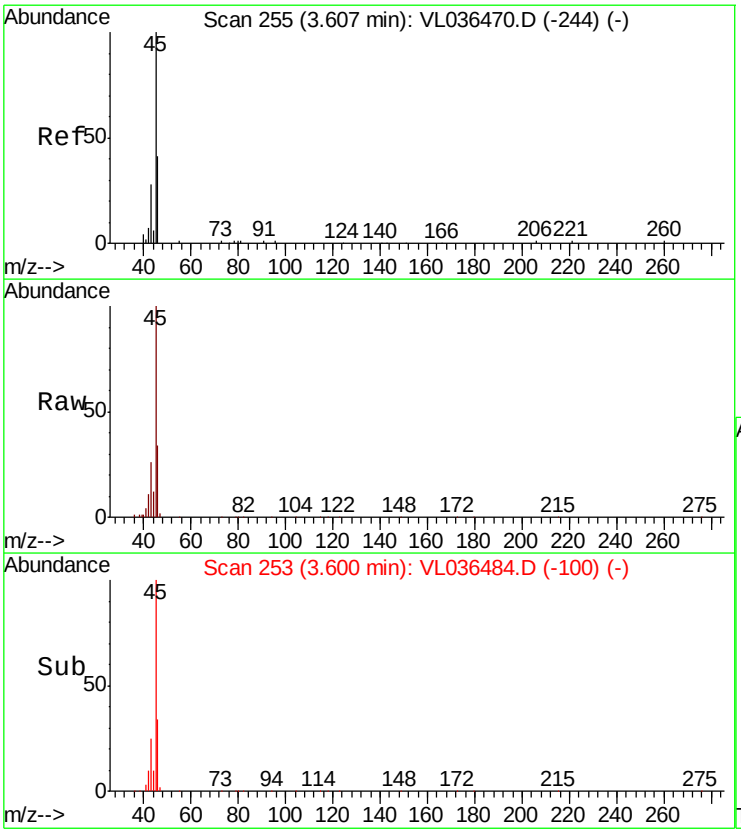
#9
Propene
Concen: 0.406 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 36365

Ion	Ratio	Lower	Upper
41	100		
42	61.1	57.0	85.4

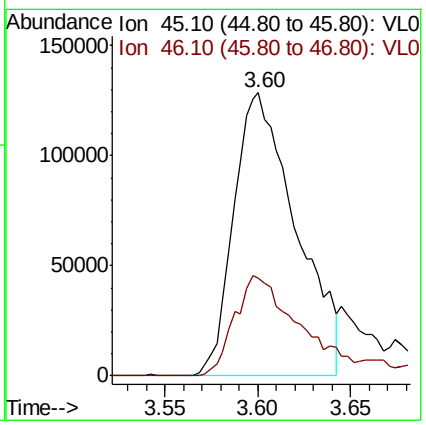


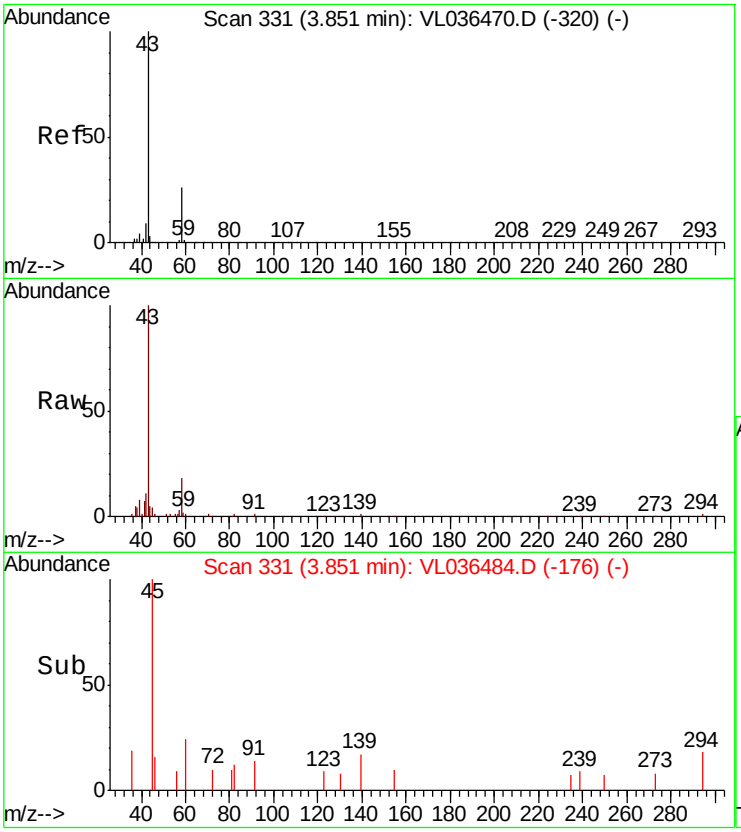


#13
Ethanol
Concen: 28.163 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 45 Resp: 300713

Ion	Ratio	Lower	Upper
45	100		
46	42.6	16.6	66.2



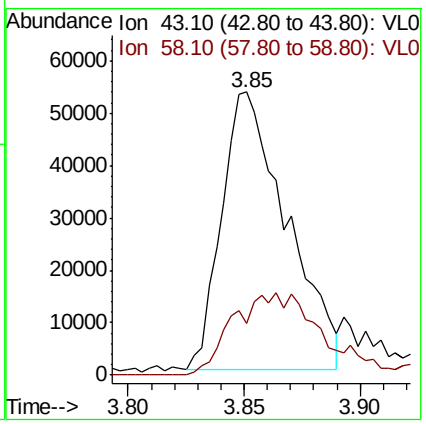


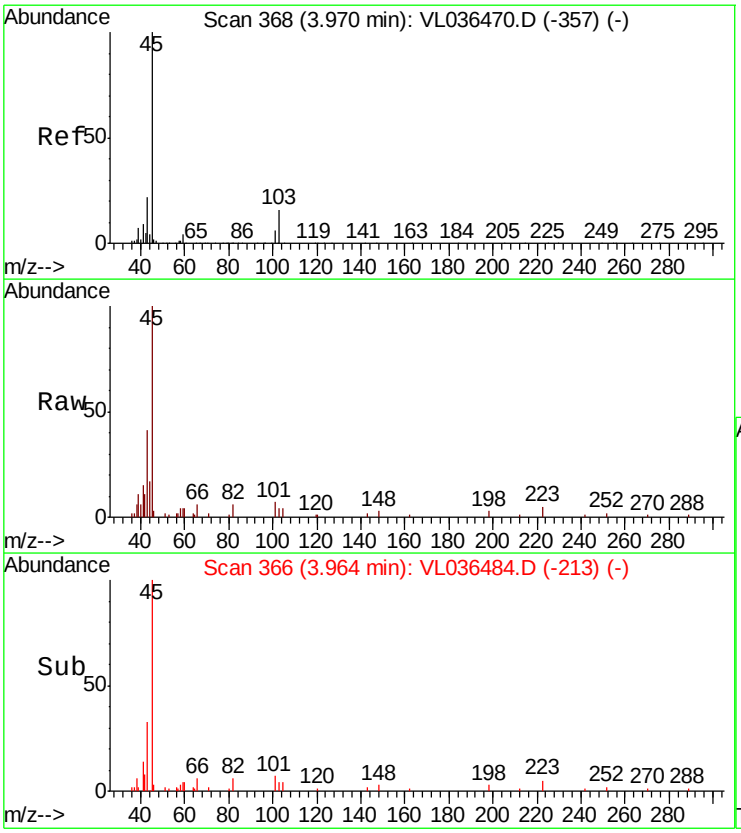
#15
Acetone
Concen: 0.698 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 103433

Ion	Ratio	Lower	Upper
43	100		
58	43.3	21.2	31.8#

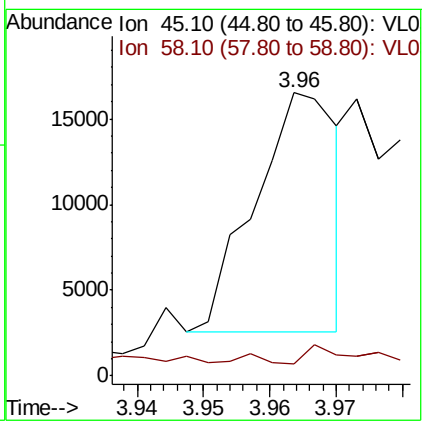


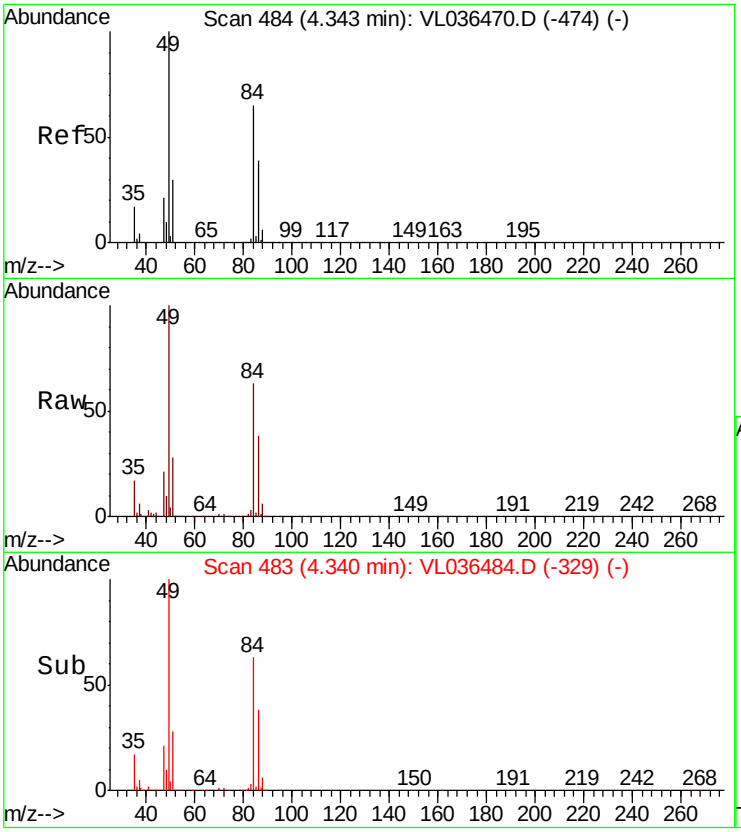


#19
Isopropyl Alcohol
Concen: 0.148 ppbv
RT: 3.96 min Scan# 366
Delta R.T. -0.01 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 45 Resp: 12027

Ion	Ratio	Lower	Upper
45	100		
58	43.9	2.9	4.3#



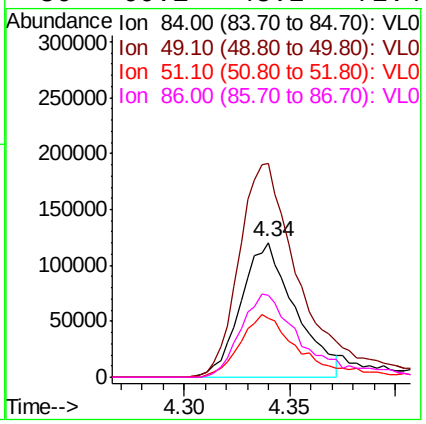


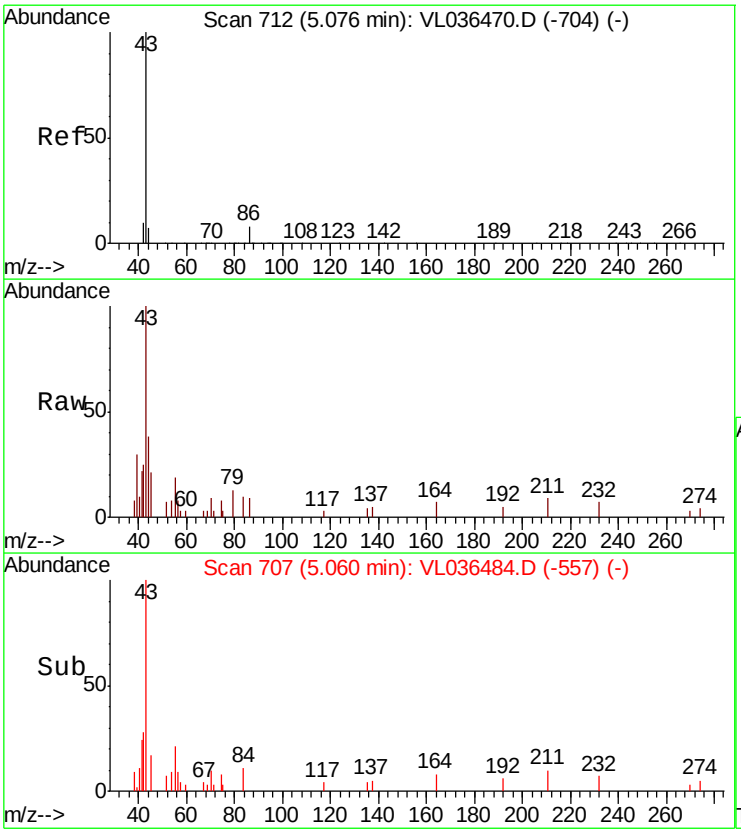
#20
Methylene Chloride
Concen: 3.105 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 215409

Ion	Ratio	Lower	Upper
84	100		
49	158.7	122.9	184.3
51	44.0	36.9	55.3
86	60.1	48.2	72.4

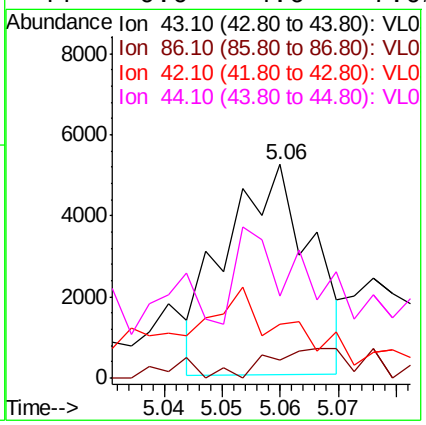


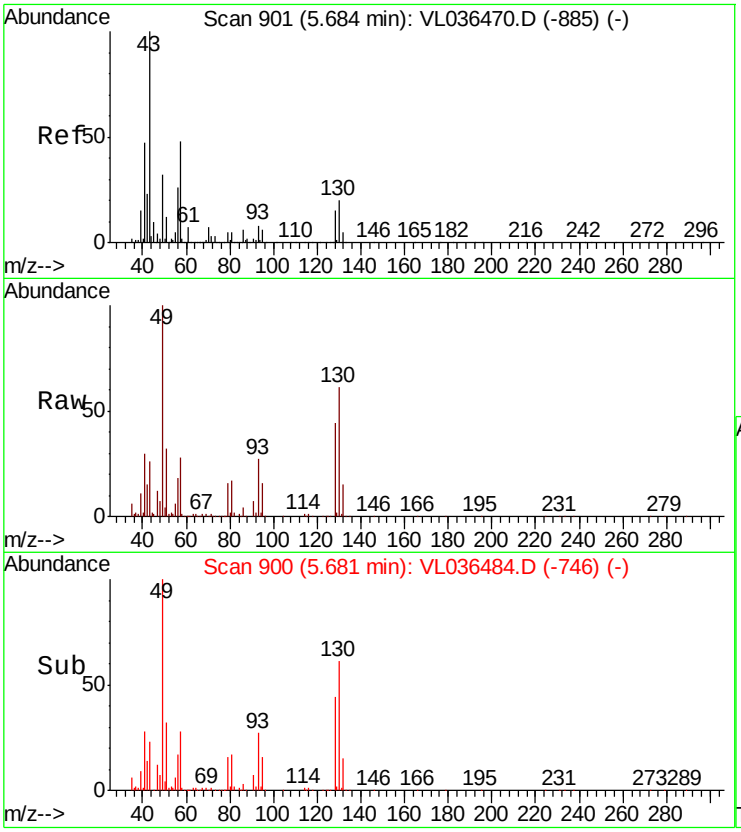


#23
Vinyl Acetate
Concen: 0.021 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.02 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 43 Resp: 5330

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.0#
42	7.8	8.5	12.7#
44	0.0	4.6	7.0#



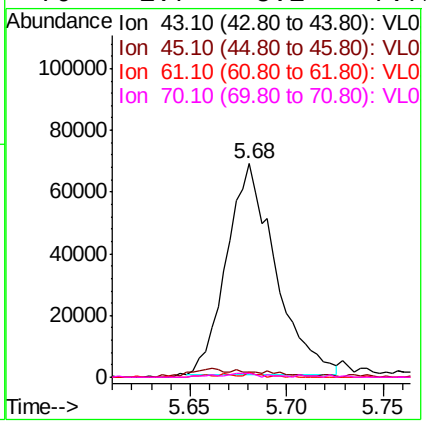


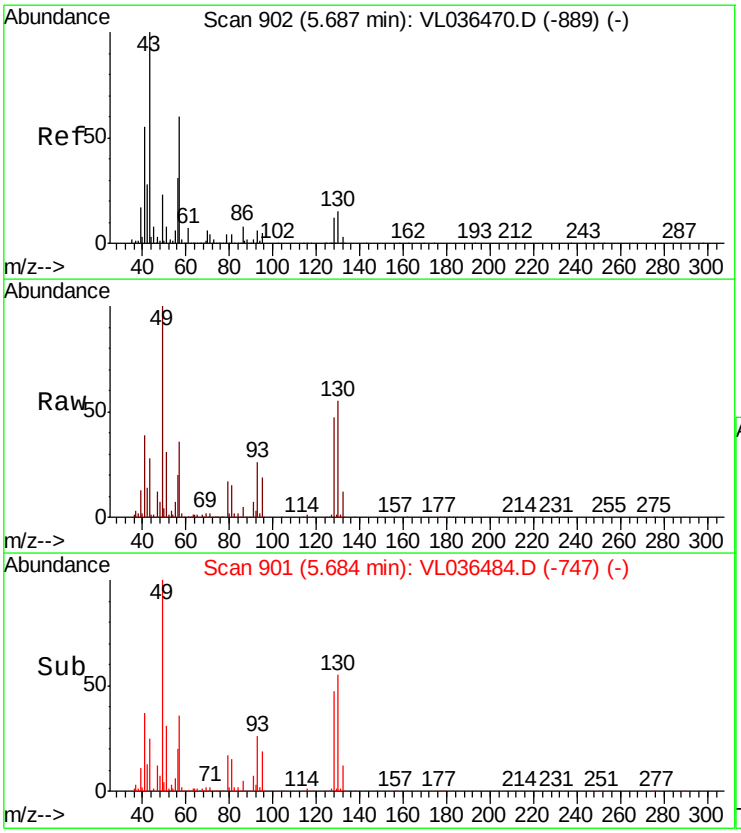
#25
Ethyl Acetate
Concen: 0.339 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 119432

Ion	Ratio	Lower	Upper
43	100		
45	5.9	7.9	11.9#
61	1.6	7.4	11.2#
70	1.7	5.1	7.7#

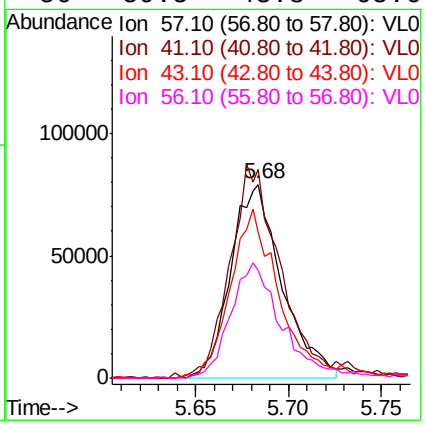


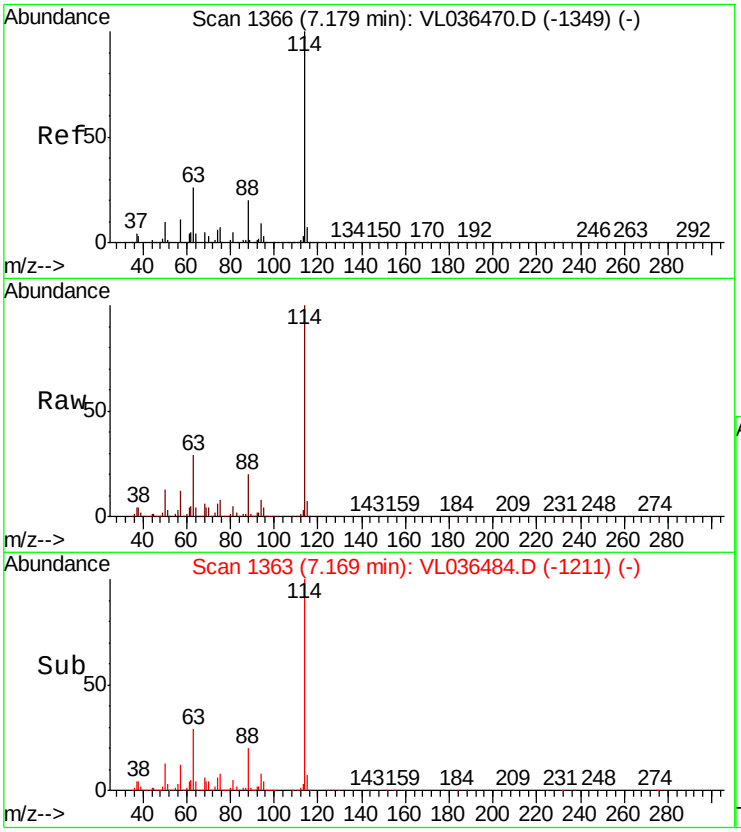


#26
Hexane
Concen: 0.929 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 57 Resp: 151861

Ion	Ratio	Lower	Upper
57	100		
41	112.8	77.2	115.8
43	86.1	173.8	260.6#
56	59.5	43.8	65.6



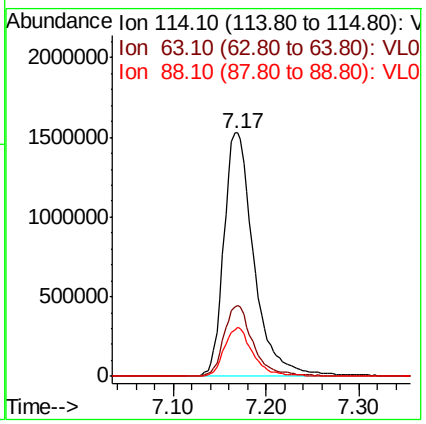


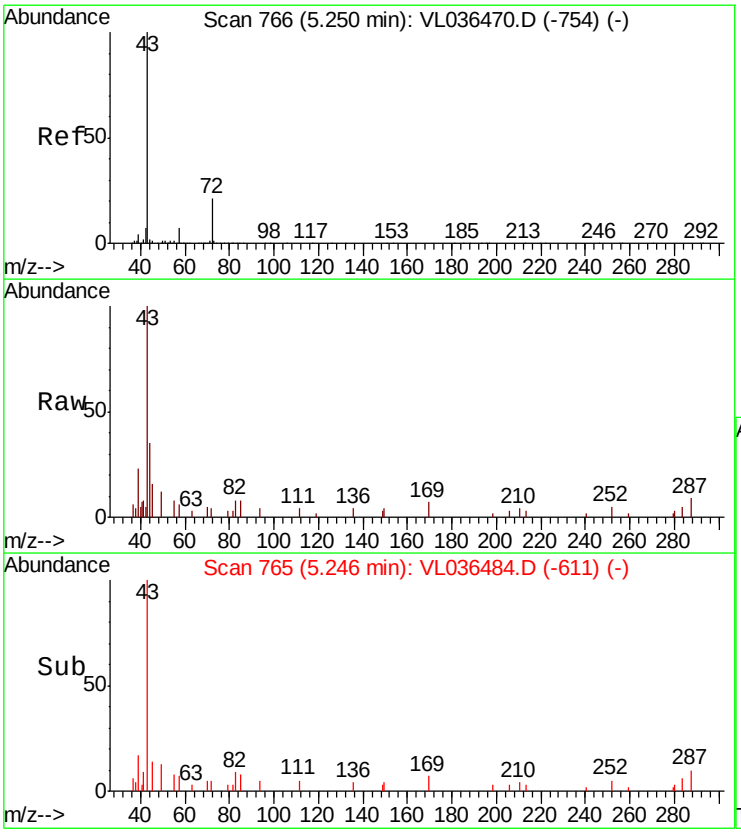
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3437969

Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.4	33.6
88	19.4	15.4	23.0

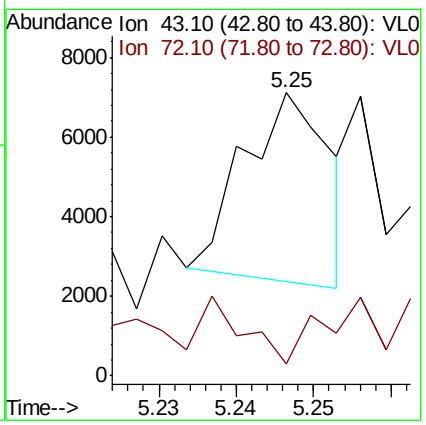


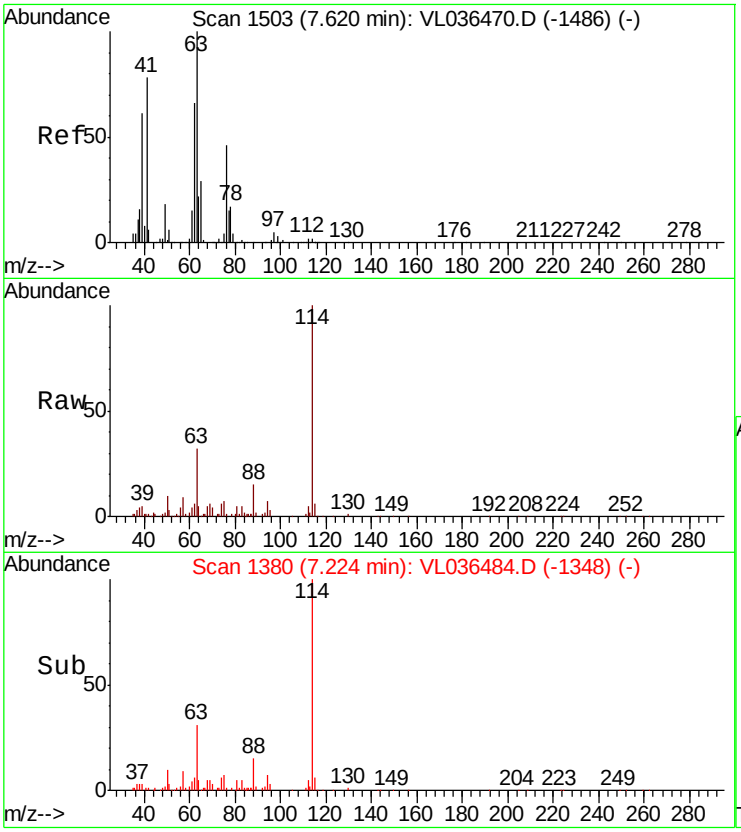


#34
2-Butanone
Concen: 0.022 ppbv
RT: 5.25 min Scan# 765
Delta R.T. -0.00 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 43 Resp: 3618

Ion	Ratio	Lower	Upper
43	100		
72	51.1	17.0	25.6#



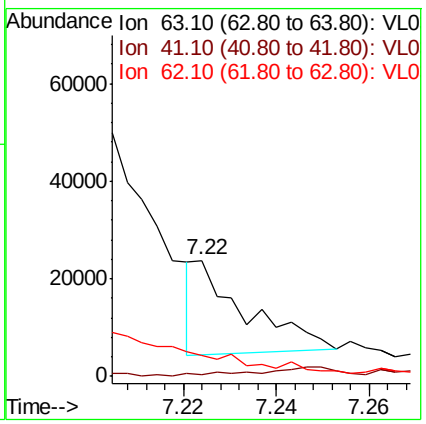


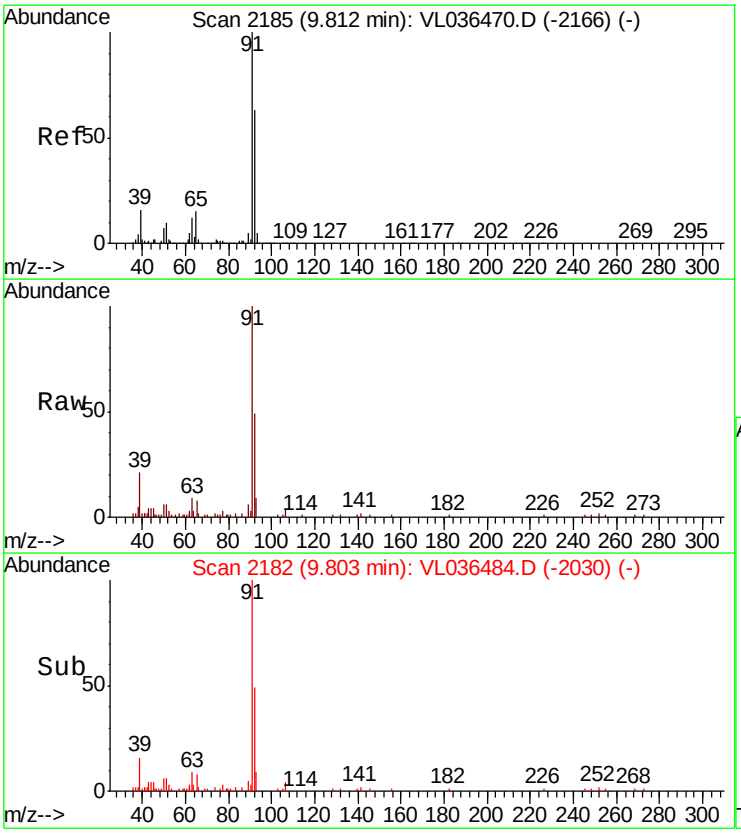
#39
1,2-Dichloropropane
Concen: 0.112 ppbv
RT: 7.22
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 14392

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	16.8	52.8	79.2#

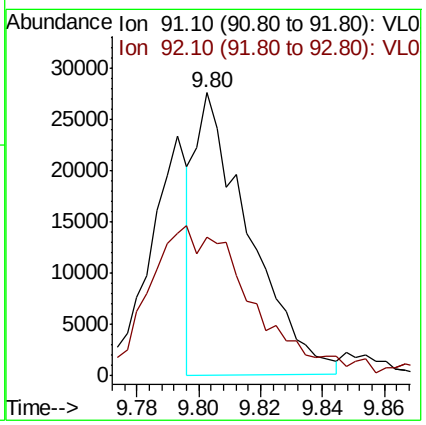


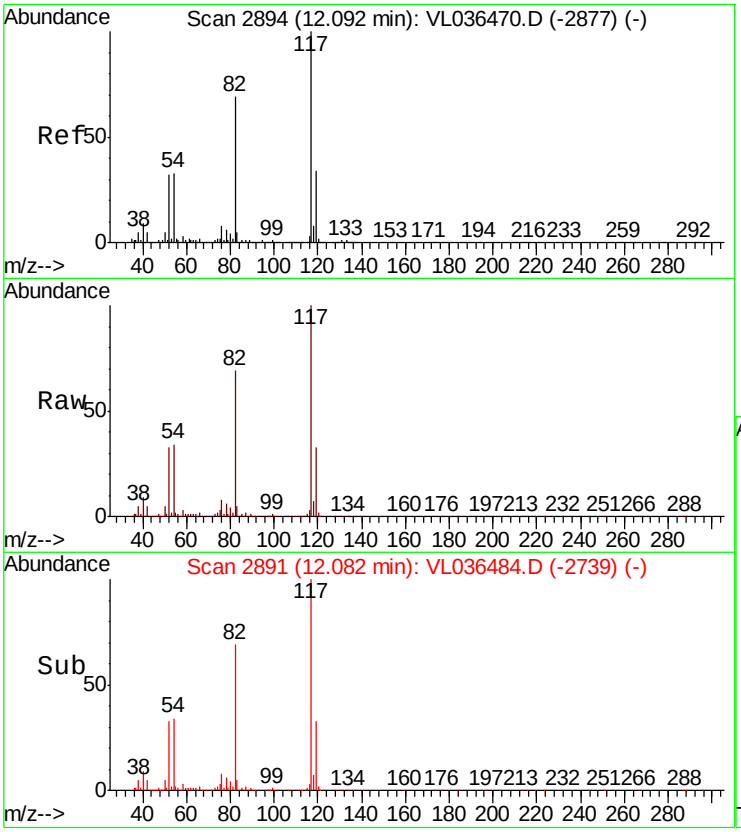


#53
Toluene
Concen: 0.098 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 91 Resp: 33085

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.8	73.2#



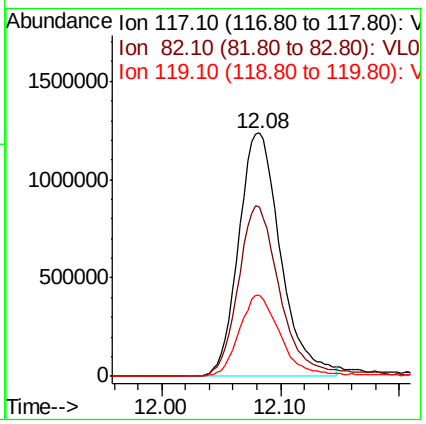


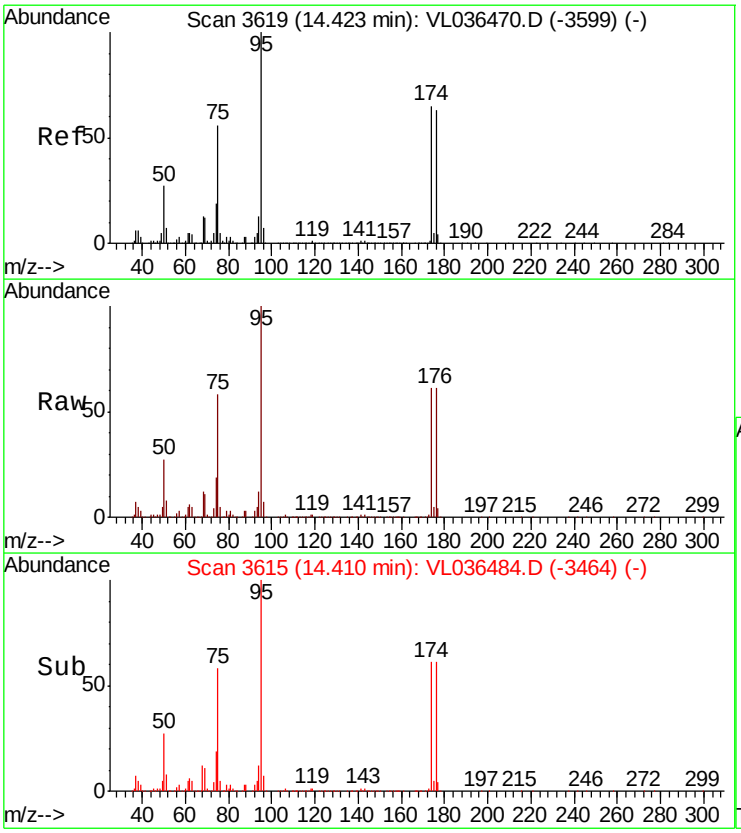
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 25 Mar 2021 13:37

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3018554

Ion	Ratio	Lower	Upper
117	100		
82	71.6	57.4	86.0
119	33.7	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.987 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.01 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 95 Resp: 2402606

Ion	Ratio	Lower	Upper
95	100		
174	64.4	51.0	76.6
175	4.6	3.9	5.9