Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036490.D
Acq On : 25 Mar 2021 17:27
Operator :
Sample : M1748-30 10X
Misc : 400ml/MSVOA_L
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 26 03:51:44 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	1461309	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3487871	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3051469	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2375881	9.77	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	5594	0.023	ppbv	91
3) Chlorodifluoromethane	2.96	51	44344	0.162	ppbv #	64
4) Chloromethane	3.14	50	2594	0.027	ppbv	92
9) Propene	3.02	41	8800	0.101	ppbv	86
13) Ethanol	3.61	45	24539	2.367	ppbv #	34
15) Acetone	3.86	43	112020	0.779	ppbv #	67
19) Isopropyl Alcohol	3.98	45	11659	0.147	ppbv #	89
20) Methylene Chloride	4.34	84	62621	0.930	ppbv #	90
25) Ethyl Acetate	5.68	43	34697	0.101	ppbv #	79
26) Hexane	5.68	57	70577	0.445	ppbv #	47
34) 2-Butanone	5.25	43	5265	0.031	ppbv #	55
38) Trichloroethene	7.84	130	4976	0.040	ppbv #	37
39) 1,2-Dichloropropane	7.18	63	961402	7.368	ppbv #	23
52) Tetrachloroethene	11.22	164	11407	0.096	ppbv #	37

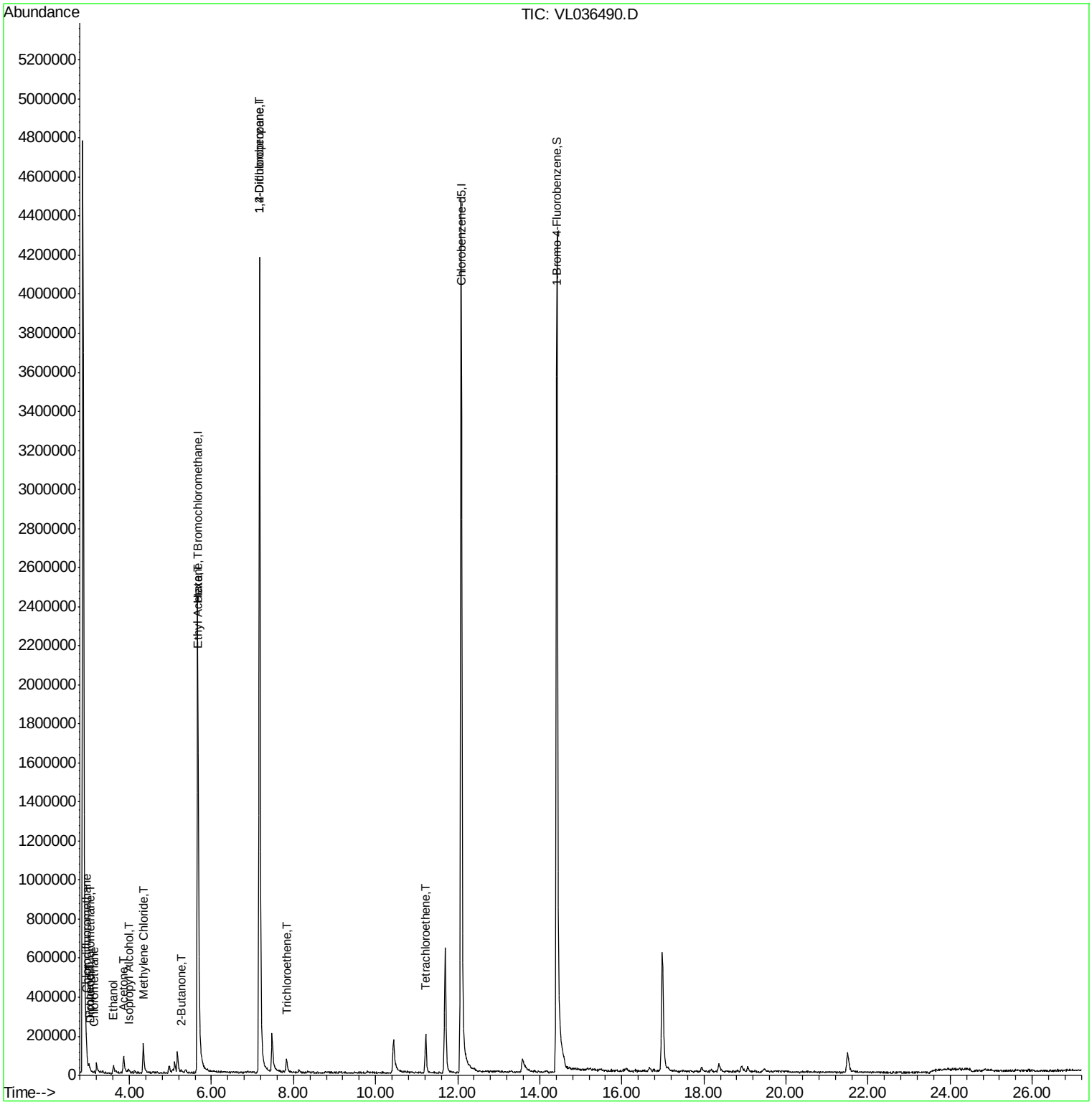
(#) = qualifier out of range (m) = manual integration (+) = signals summed

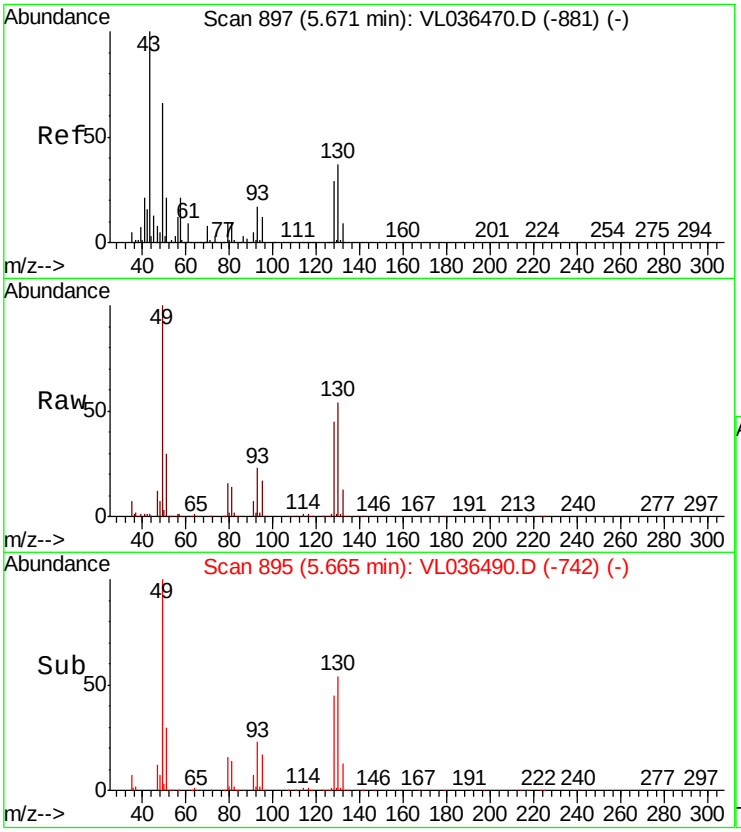
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036490.D
Acq On : 25 Mar 2021 17:27
Operator :
Sample : M1748-30 10X
Misc : 400ml/MSVOA_L
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 26 03:51:44 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



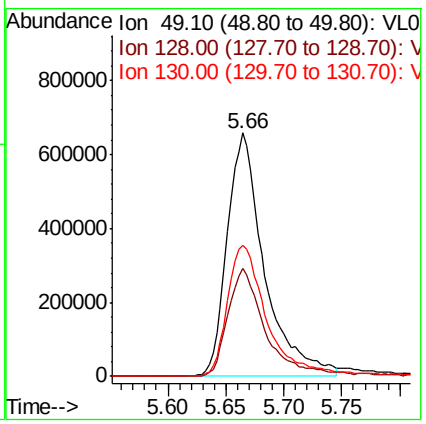


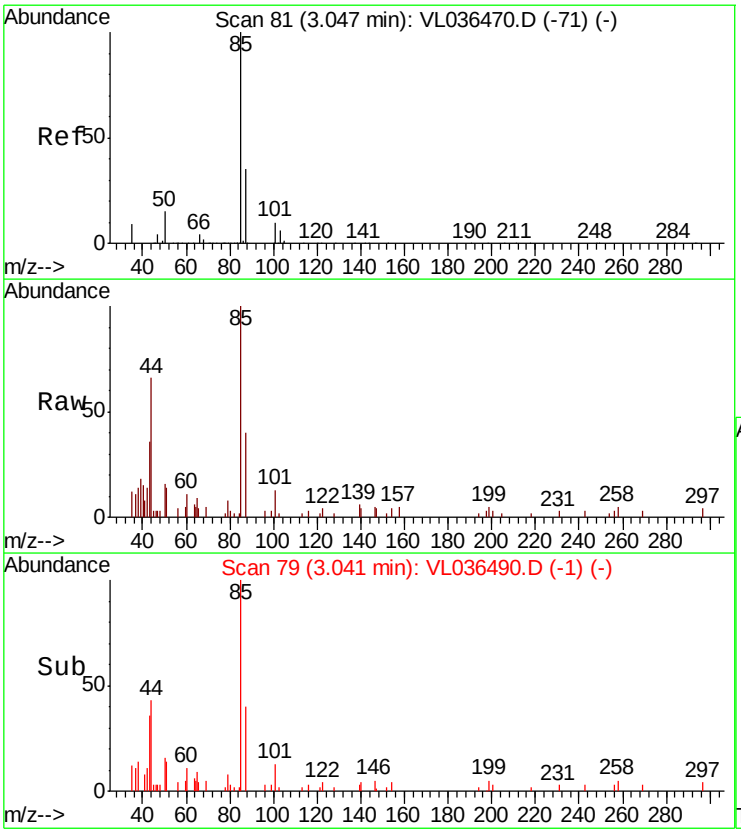
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1461309

Ion	Ratio	Lower	Upper
49	100		
128	45.8	23.5	70.6
130	59.0	29.1	87.4

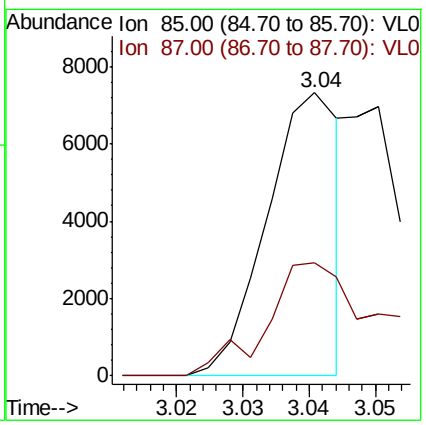


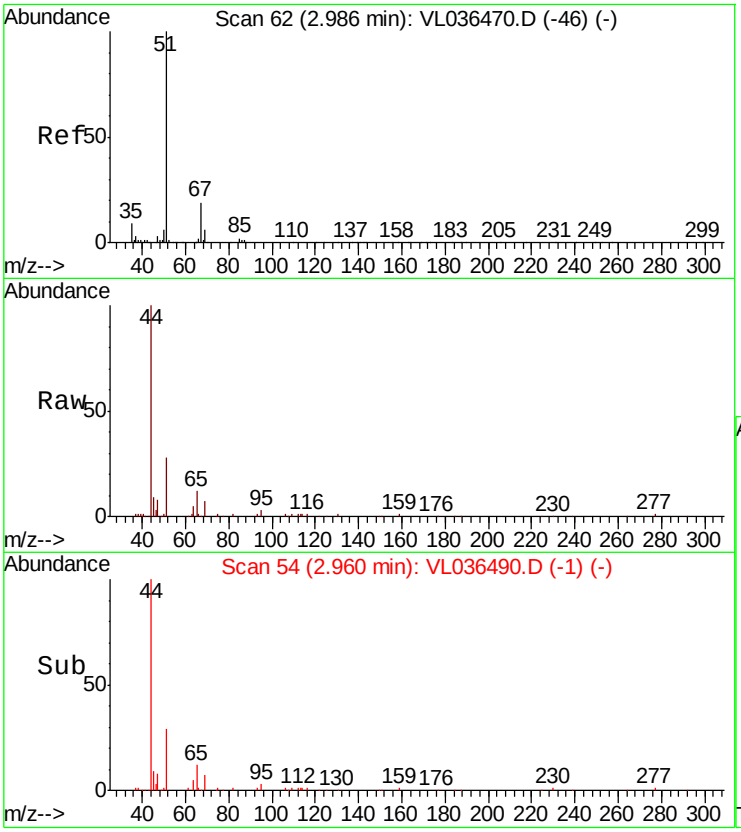


#2
Dichlorodifluoromethane
Concen: 0.023 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion: 85 Resp: 5594

Ion	Ratio	Lower	Upper
85	100		
87	39.9	27.8	41.8



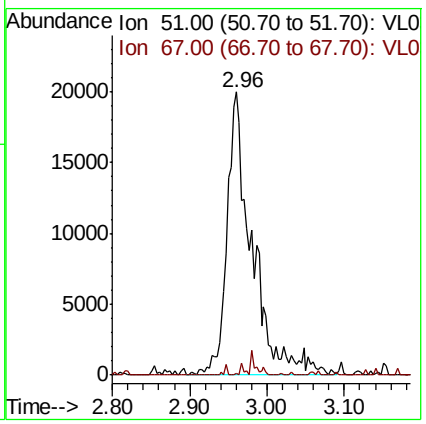


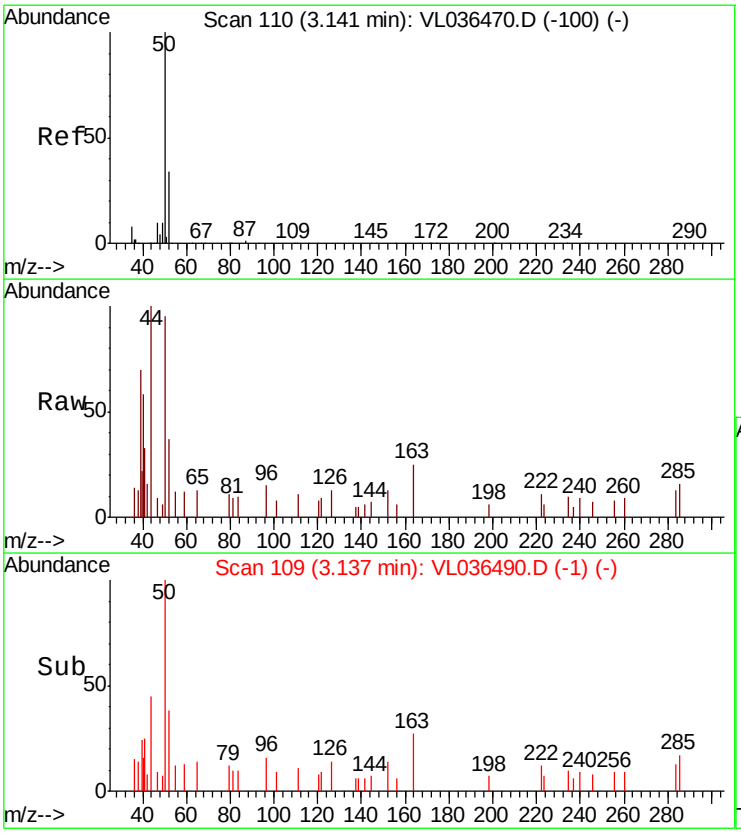
#3
Chlorodifluoromethane
Concen: 0.162 ppbv
RT: 2.96
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 44344

Ion	Ratio	Lower	Upper
51	100		
67	2.5	14.7	22.1#

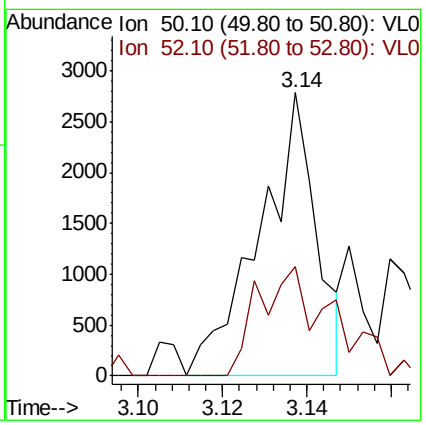


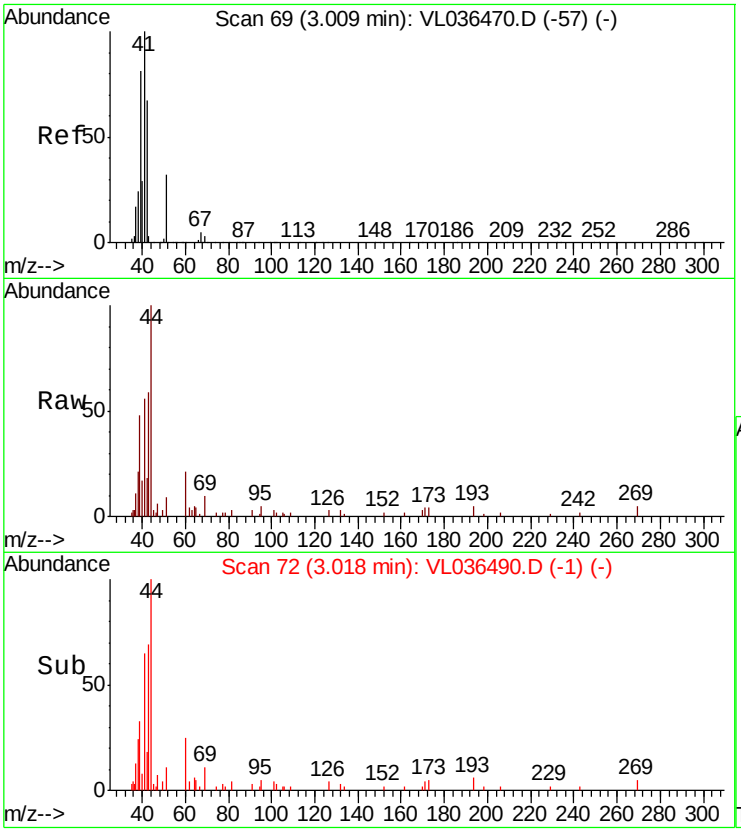


#4
Chloromethane
Concen: 0.027 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion: 50 Resp: 2594

Ion	Ratio	Lower	Upper
50	100		
52	38.5	27.0	40.6



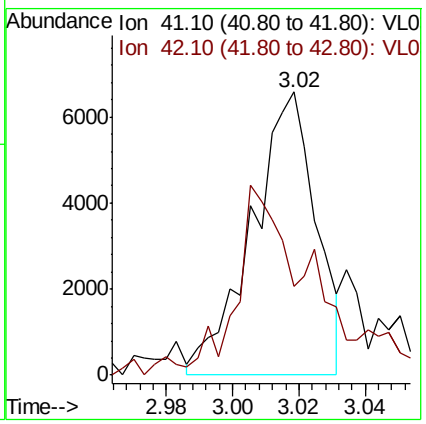


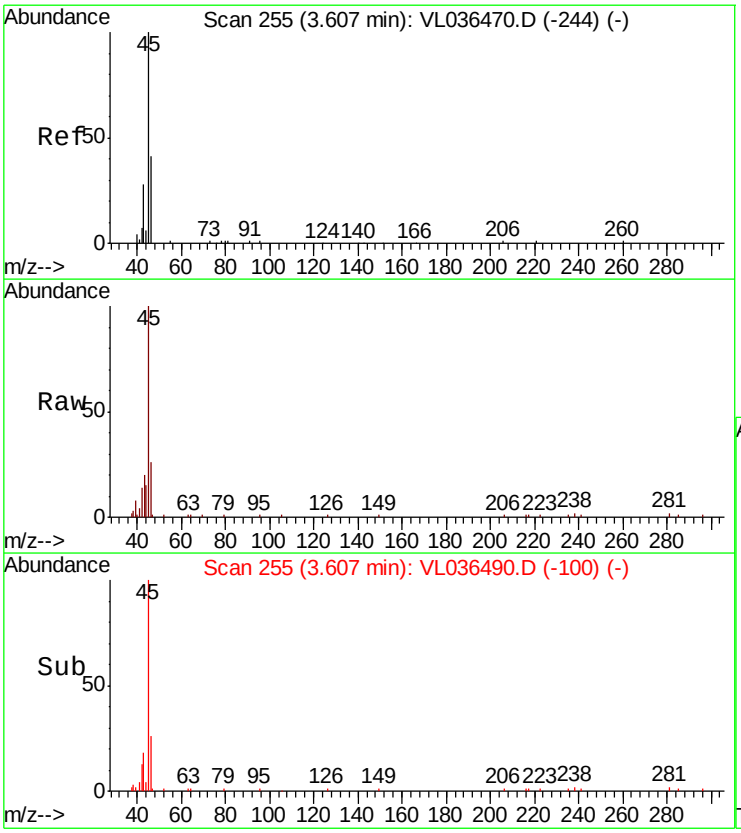
#9
Propene
Concen: 0.101 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 8800

Ion	Ratio	Lower	Upper
41	100		
42	82.9	57.0	85.4

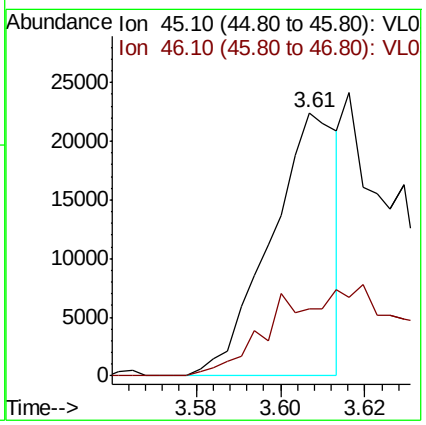


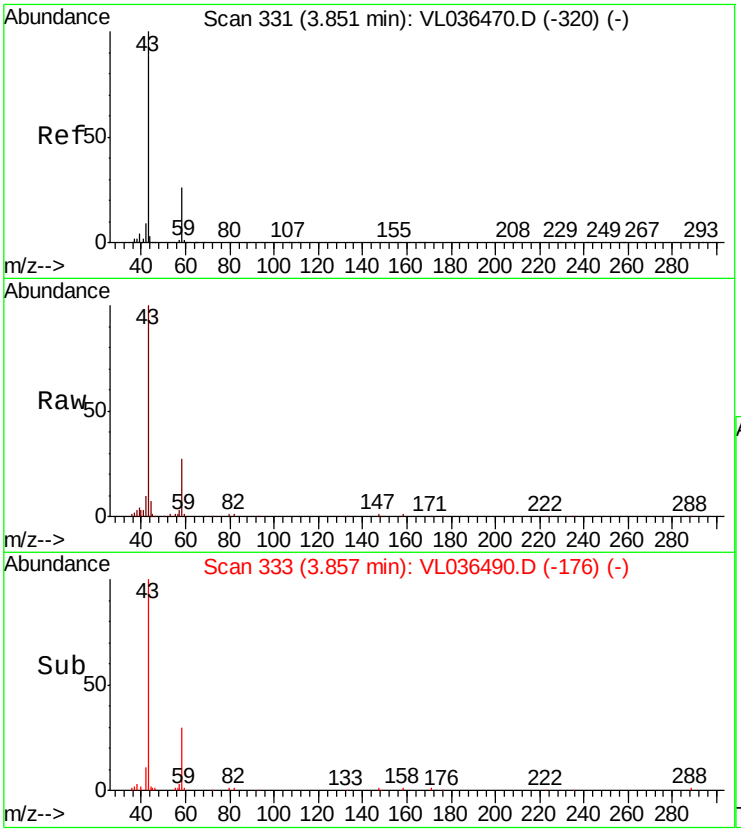


#13
Ethanol
Concen: 2.367 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion: 45 Resp: 24539

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.6	66.2#



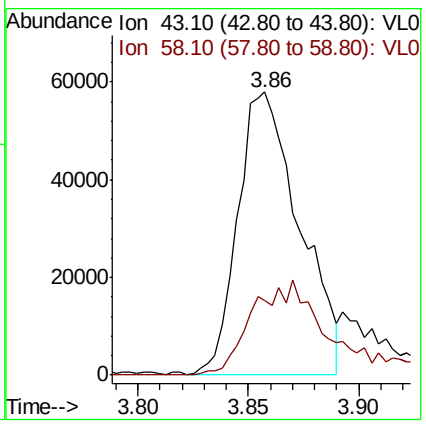


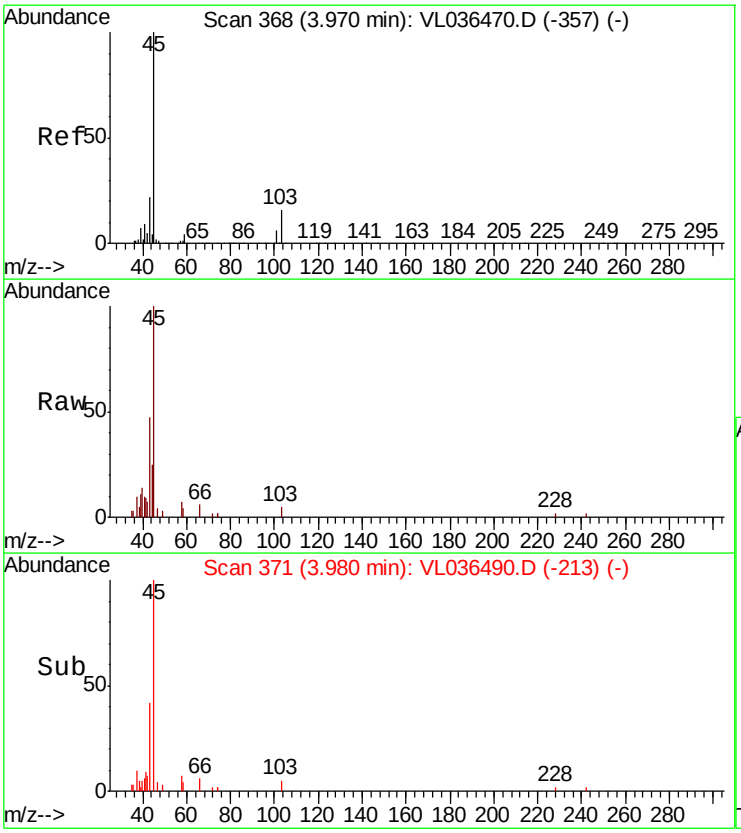
#15
Acetone
Concen: 0.779 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 112020

Ion	Ratio	Lower	Upper
43	100		
58	43.3	21.2	31.8#

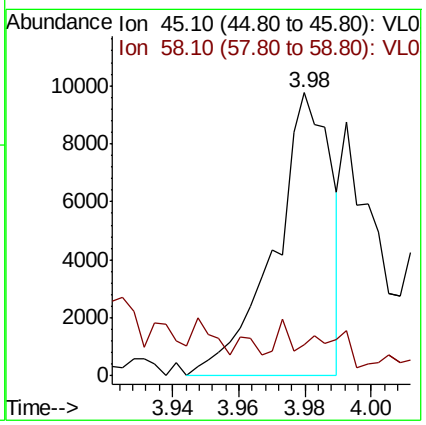


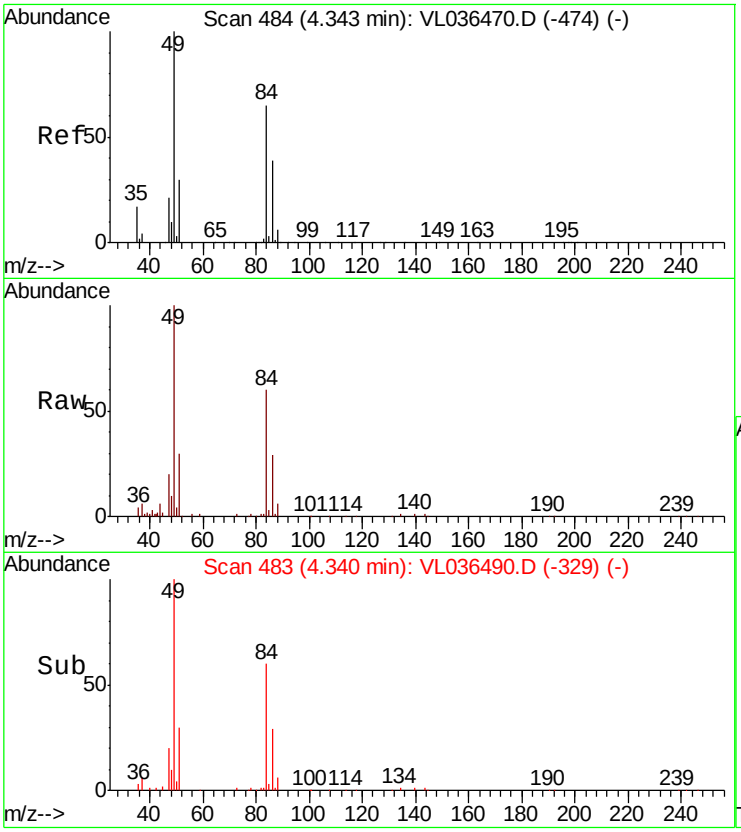


#19
Isopropyl Alcohol
Concen: 0.147 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.01 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion: 45 Resp: 11659

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.9	4.3#



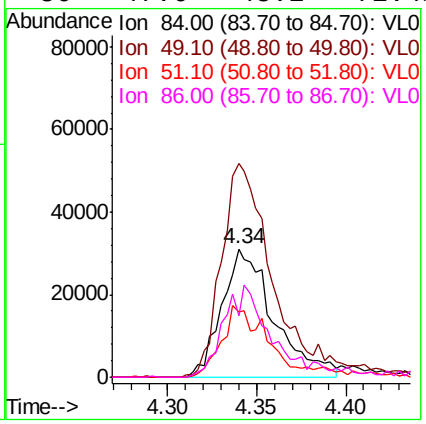


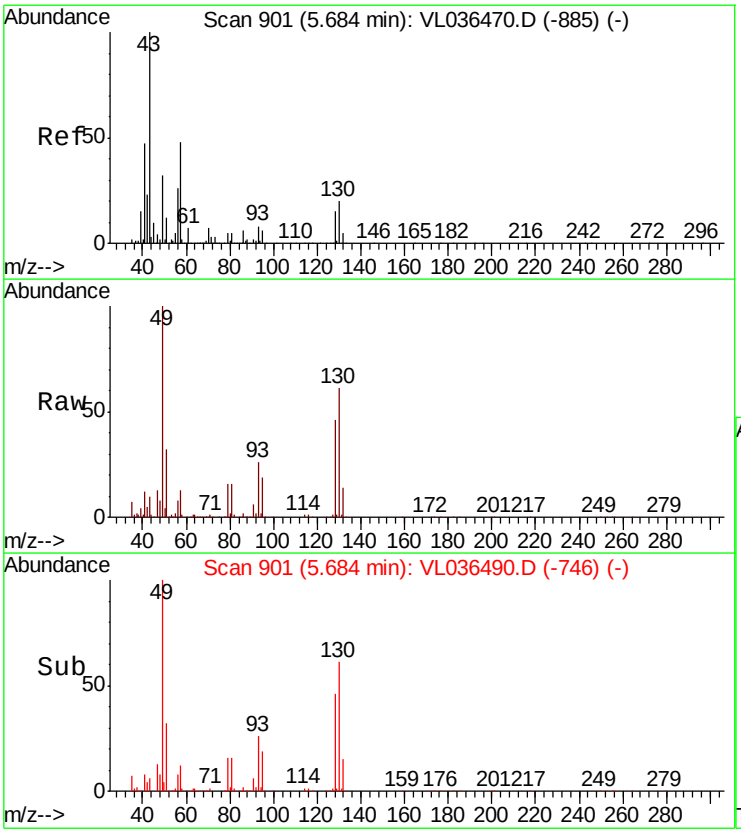
#20
Methylene Chloride
Concen: 0.930 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 62621

Ion	Ratio	Lower	Upper
84	100		
49	165.2	122.9	184.3
51	50.8	36.9	55.3
86	47.6	48.2	72.4#

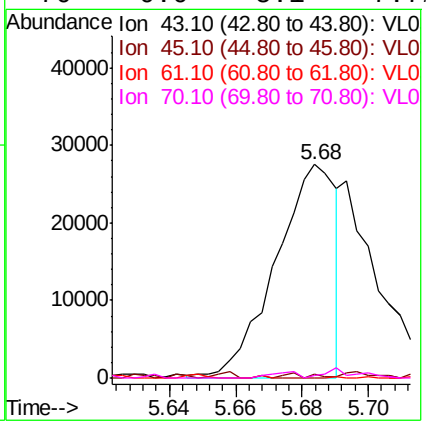


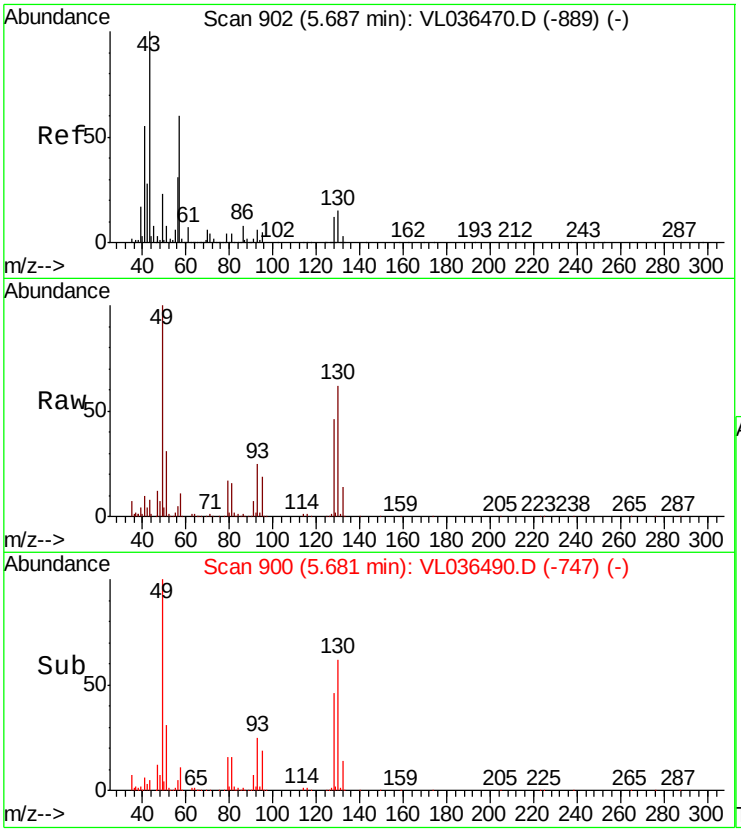


#25
Ethyl Acetate
Concen: 0.101 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion: 43 Resp: 34697

Ion	Ratio	Lower	Upper
43	100		
45	2.2	7.9	11.9#
61	0.7	7.4	11.2#
70	0.0	5.1	7.7#



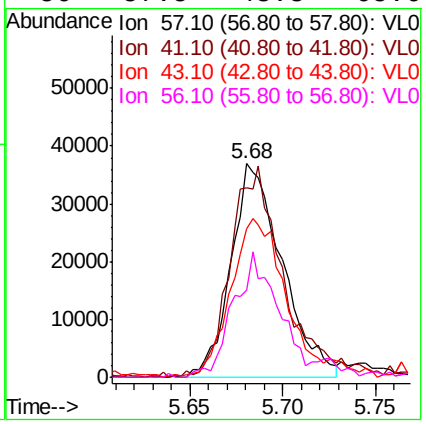


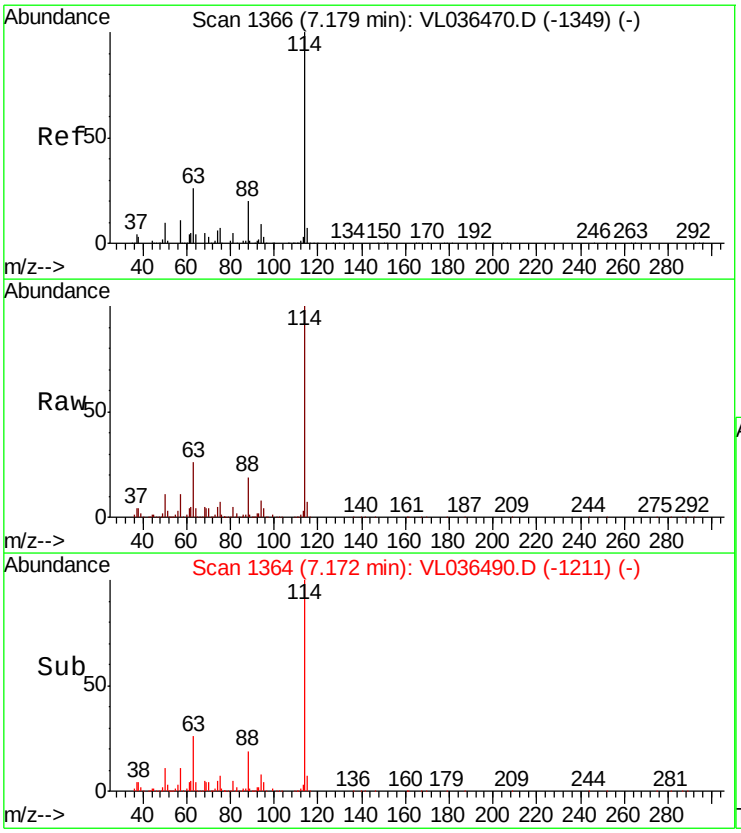
#26
Hexane
Concen: 0.445 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 70577

Ion	Ratio	Lower	Upper
57	100		
41	105.4	77.2	115.8
43	82.5	173.8	260.6#
56	57.5	43.8	65.6

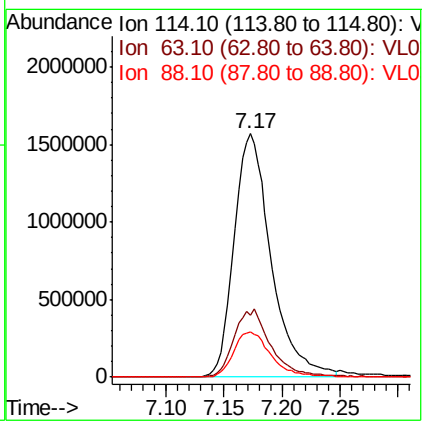


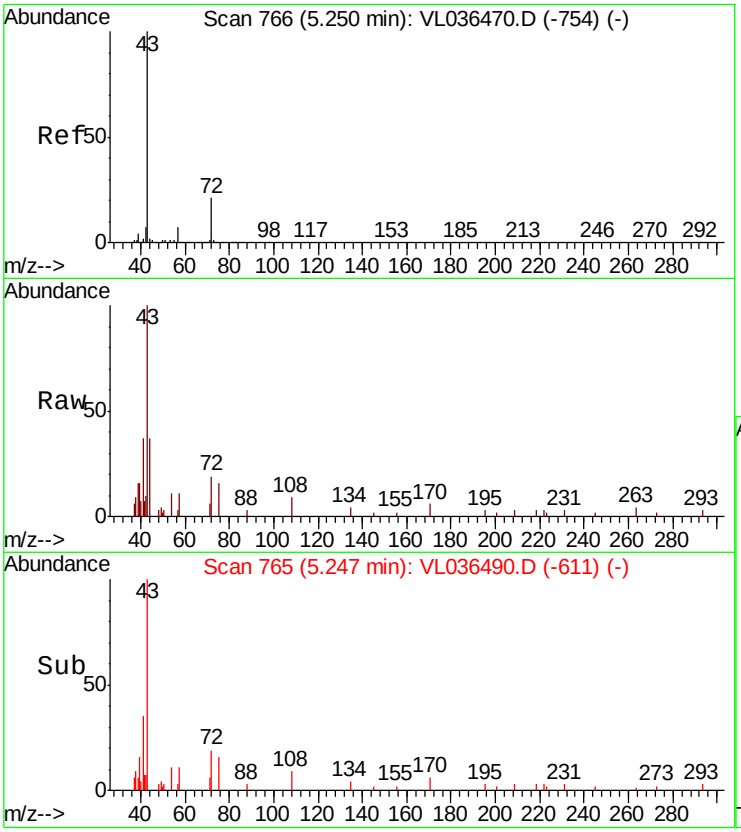


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion:114 Resp: 3487871

Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.4	33.6
88	19.3	15.4	23.0



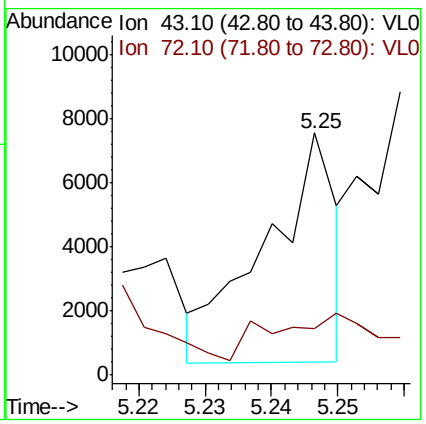


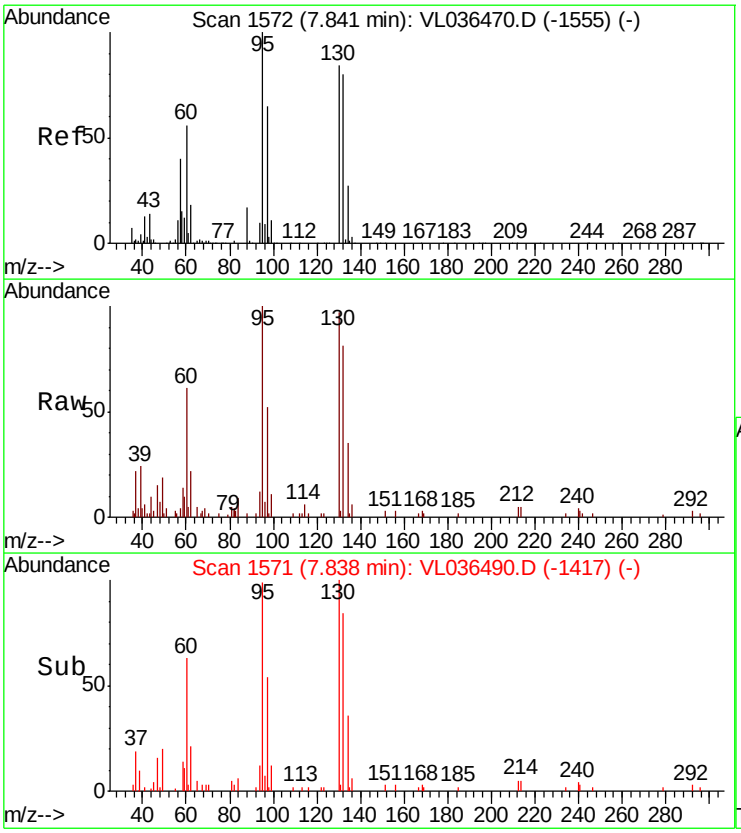
#34
2-Butanone
Concen: 0.031 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 5265

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.6#

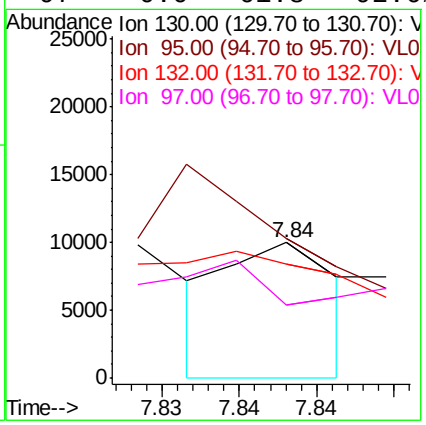


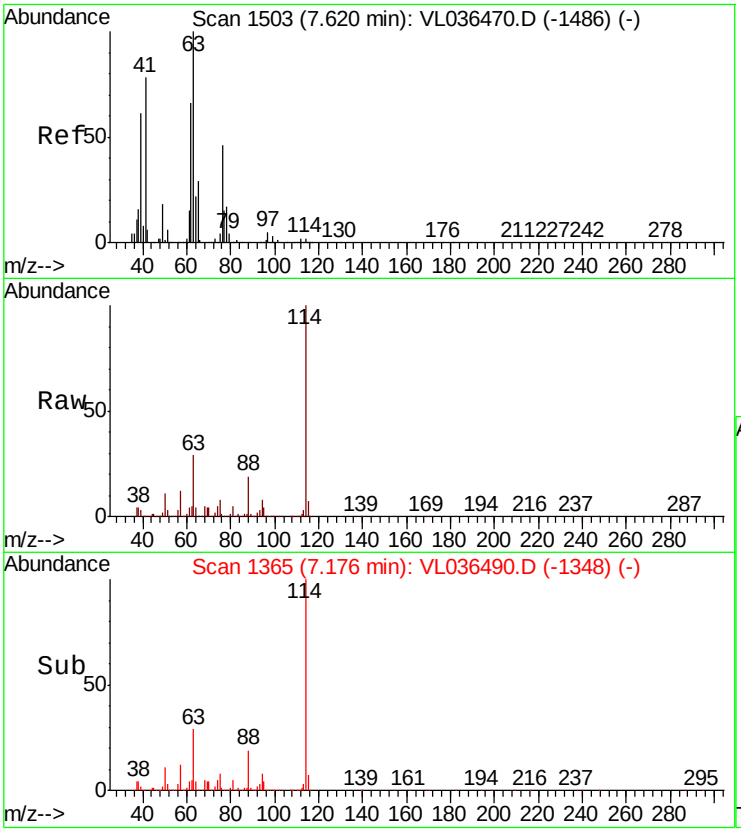


#38
Trichloroethene
Concen: 0.040 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion:130 Resp: 4976

Ion	Ratio	Lower	Upper
130	100		
95	74.8	95.7	143.5#
132	25.6	76.2	114.4#
97	0.0	61.8	92.6#



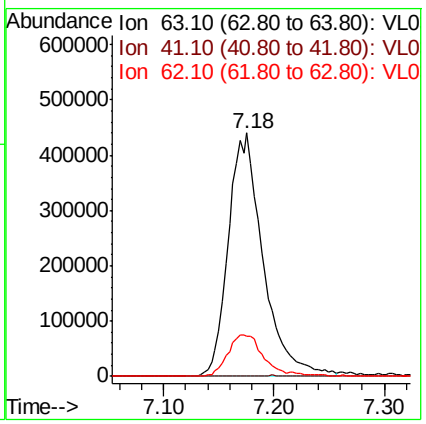


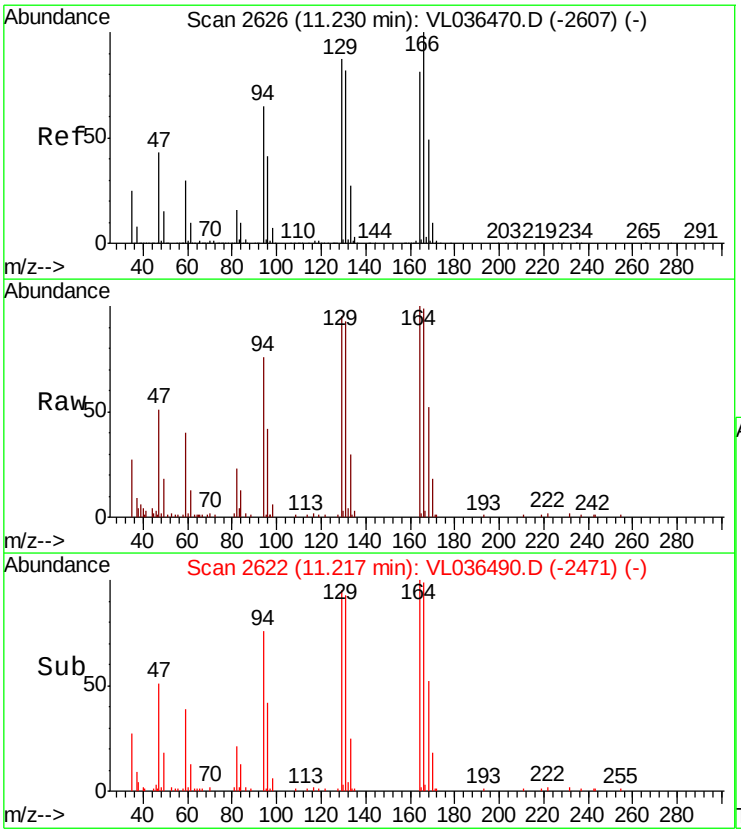
#39
1,2-Dichloropropane
Concen: 7.368 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 961402

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.4	93.6#
62	16.6	52.8	79.2#

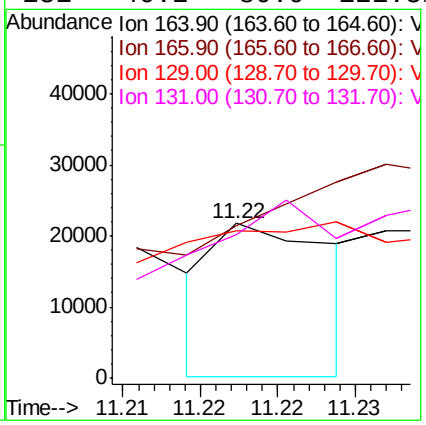


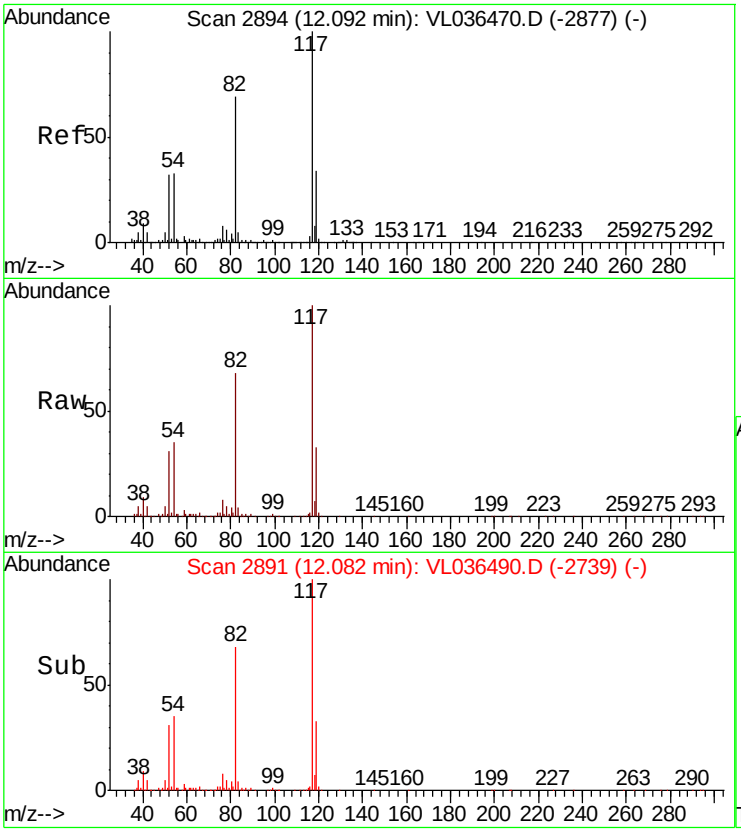


#52
Tetrachloroethene
Concen: 0.096 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion:164 Resp: 11407

Ion	Ratio	Lower	Upper
164	100		
166	61.2	98.3	147.5#
129	30.8	85.8	128.8#
131	40.2	80.9	121.3#



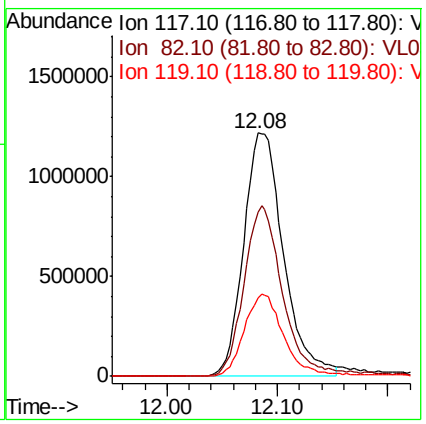


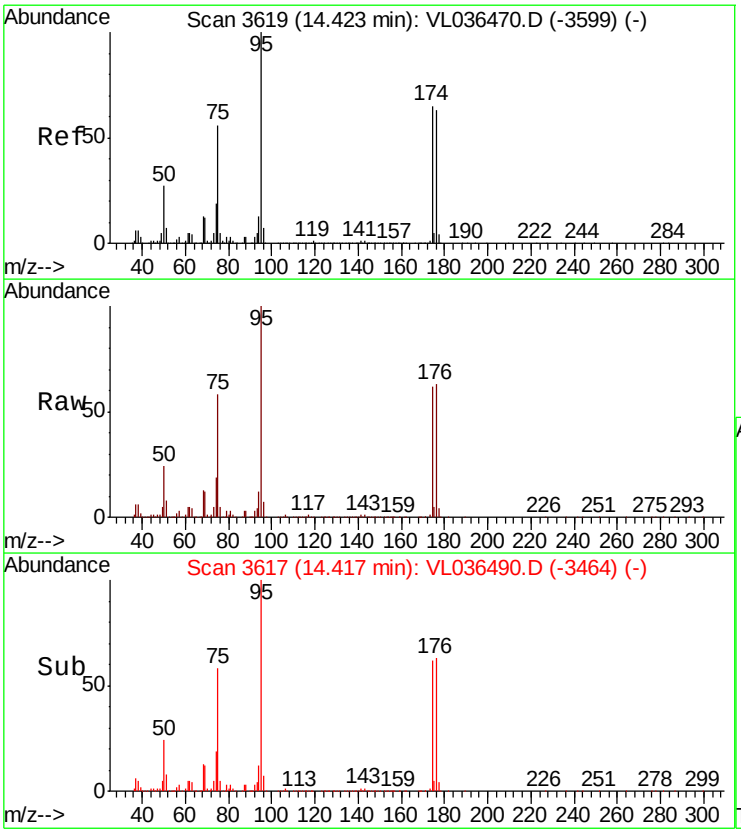
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 25 Mar 2021 17:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3051469

Ion	Ratio	Lower	Upper
117	100		
82	70.2	57.4	86.0
119	34.4	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.769 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL036490.D
Acq: 25 Mar 2021 17:27

Tgt Ion: 95 Resp: 2375881

Ion	Ratio	Lower	Upper
95	100		
174	68.5	51.0	76.6
175	4.7	3.9	5.9