Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122320\
Data File : VL036198.D
Acq On : 23 Dec 2020 18:49
Operator : SY/AP
Sample : L5196-02 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSSG1

Quant Time: Dec 24 05:25:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1233853	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2384801	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2127998	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1839064	10.88	ppbv	-0.06
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	7241	0.050	ppbv #	76
3) Chlorodifluoromethane	2.96	51	13160	0.093	ppbv	96
4) Chloromethane	3.13	50	2748	0.040	ppbv #	57
9) Propene	2.99	41	6448	0.091	ppbv #	1
13) Ethanol	3.59	45	29858	3.071	ppbv	70
15) Acetone	3.83	43	36295	0.245	ppbv #	49
19) Isopropyl Alcohol	3.96	45	21245	0.234	ppbv #	100
20) Methylene Chloride	4.32	84	19535	0.321	ppbv	86
25) Ethyl Acetate	5.65	43	9423	0.032	ppbv #	75
26) Hexane	5.66	57	18249	0.137	ppbv #	1
39) 1,2-Dichloropropane	7.15	63	764785	9.582	ppbv #	25
62) Isopropylbenzene	14.64	105	134744	0.393	ppbv #	50

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122320\
Data File : VL036198.D
Acq On : 23 Dec 2020 18:49
Operator : SY/AP
Sample : L5196-02 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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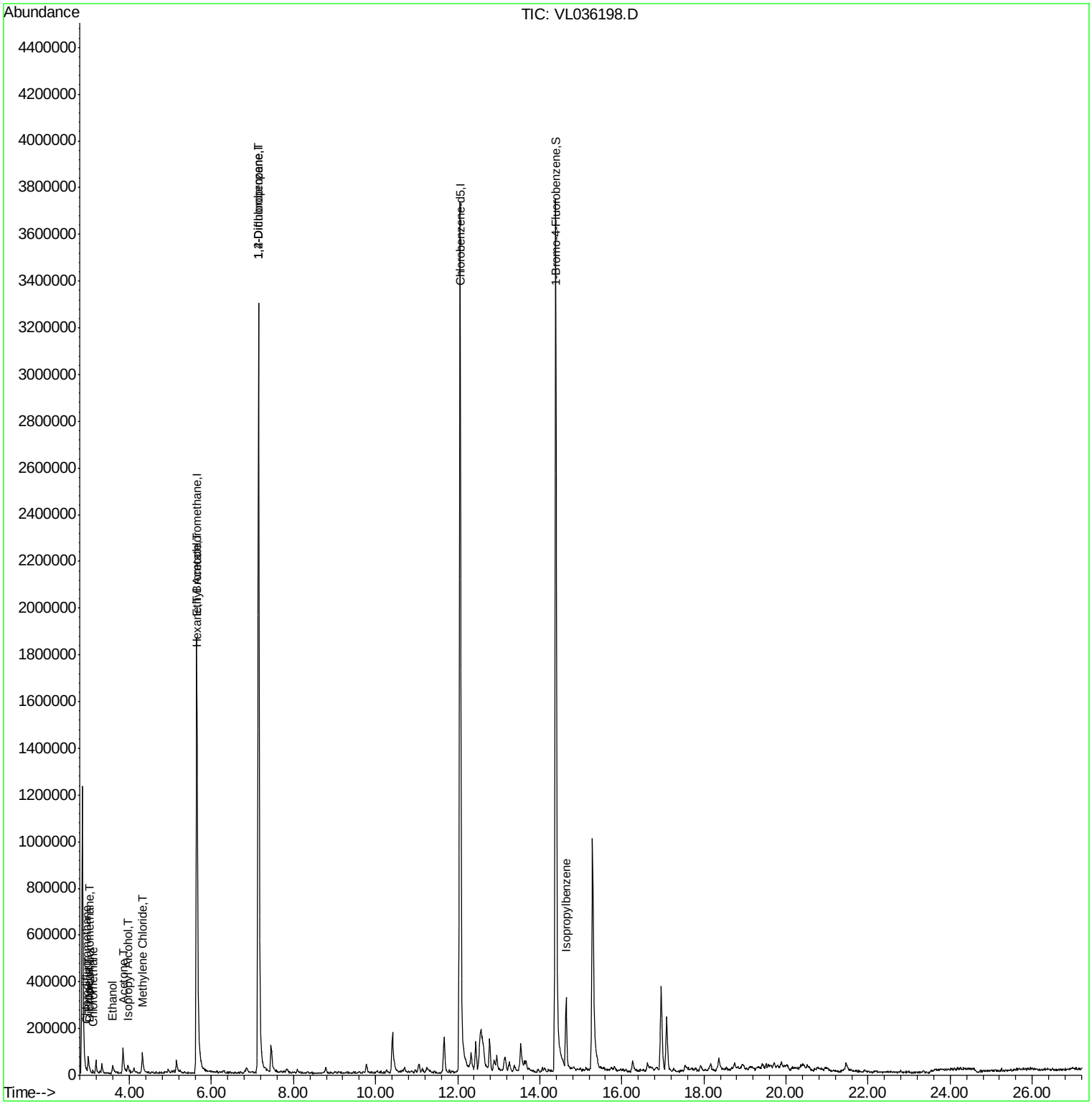
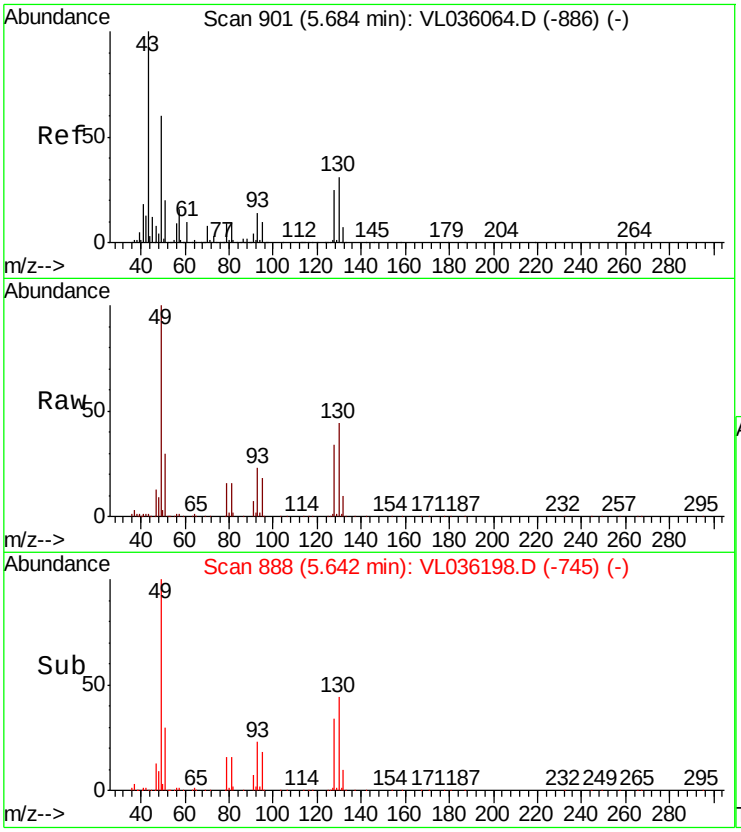
Quant Time: Dec 24 05:25:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



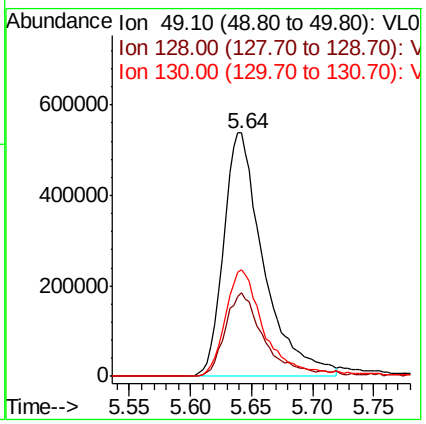


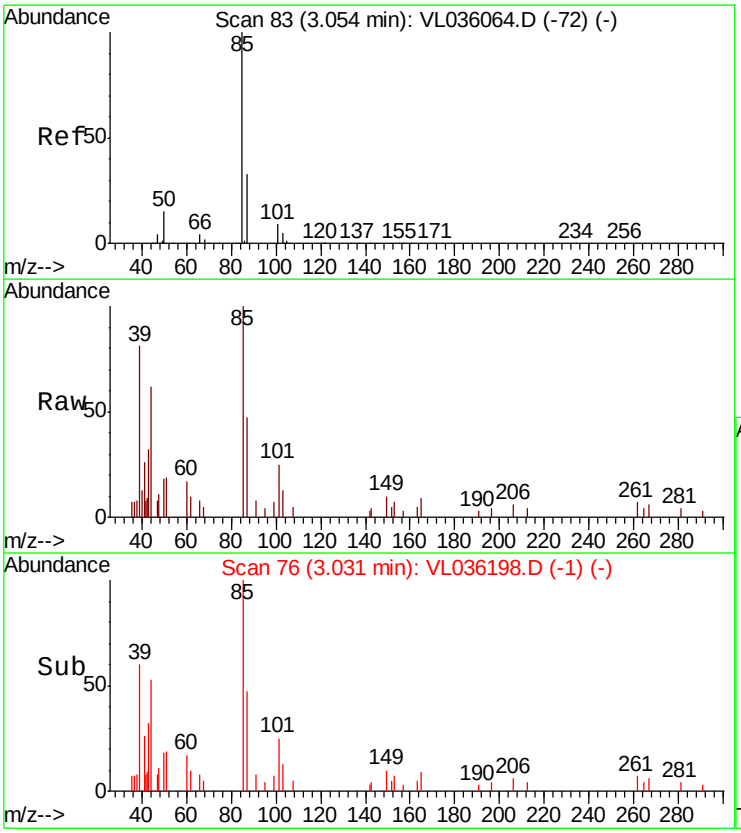
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.04 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Instrument :
MSVOA_L
ClientSampleId :
SSSG1

Tgt Ion: 49 Resp: 1233853

Ion	Ratio	Lower	Upper
49	100		
128	35.1	21.1	63.1
130	44.4	27.1	81.3

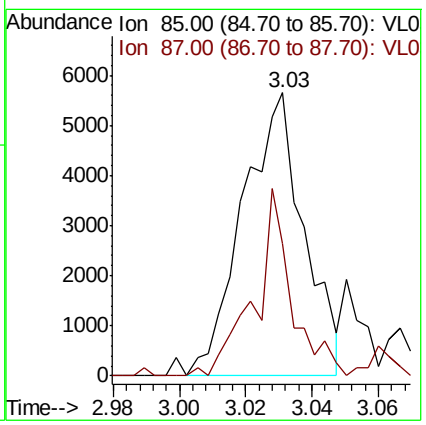


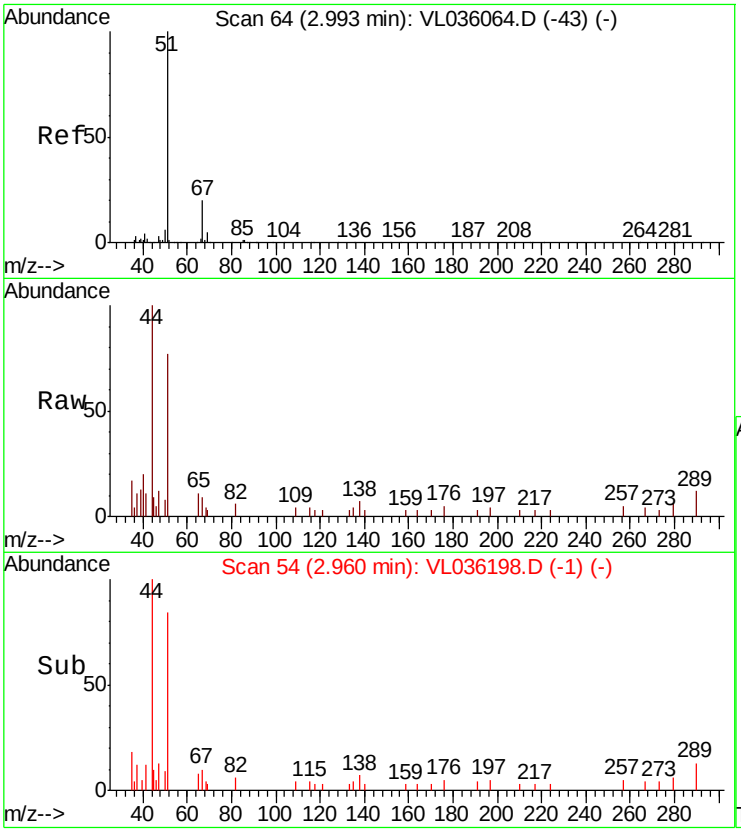


#2
Dichlorodifluoromethane
Concen: 0.050 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.02 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Tgt Ion: 85 Resp: 7241

Ion	Ratio	Lower	Upper
85	100		
87	46.7	26.5	39.7#



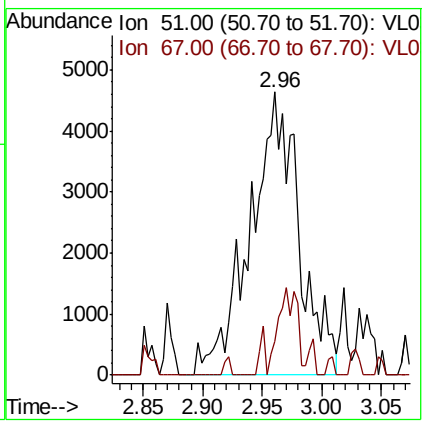


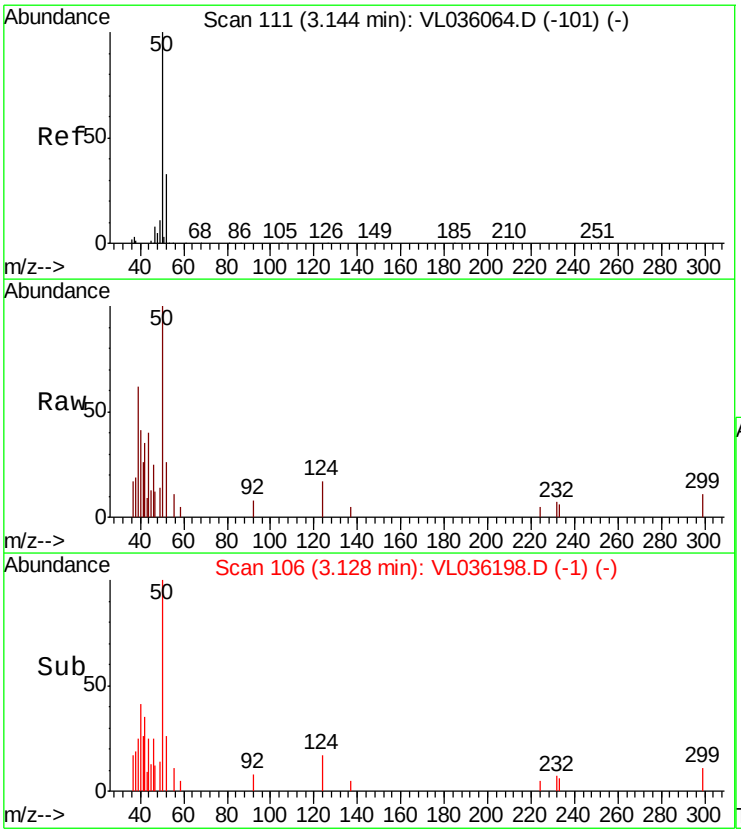
#3
Chlorodifluoromethane
Concen: 0.093 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.03 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Instrument : MSVOA_L
ClientSampleId : SSSG1

Tgt Ion: 51 Resp: 13160

Ion	Ratio	Lower	Upper
51	100		
67	16.1	14.3	21.5

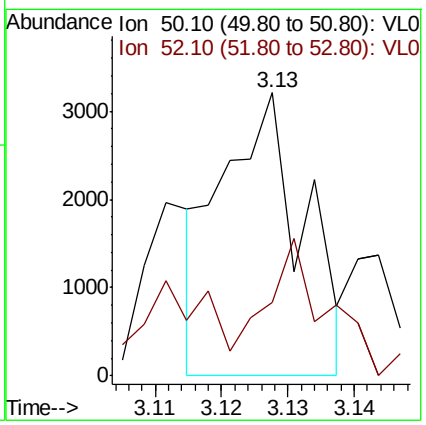


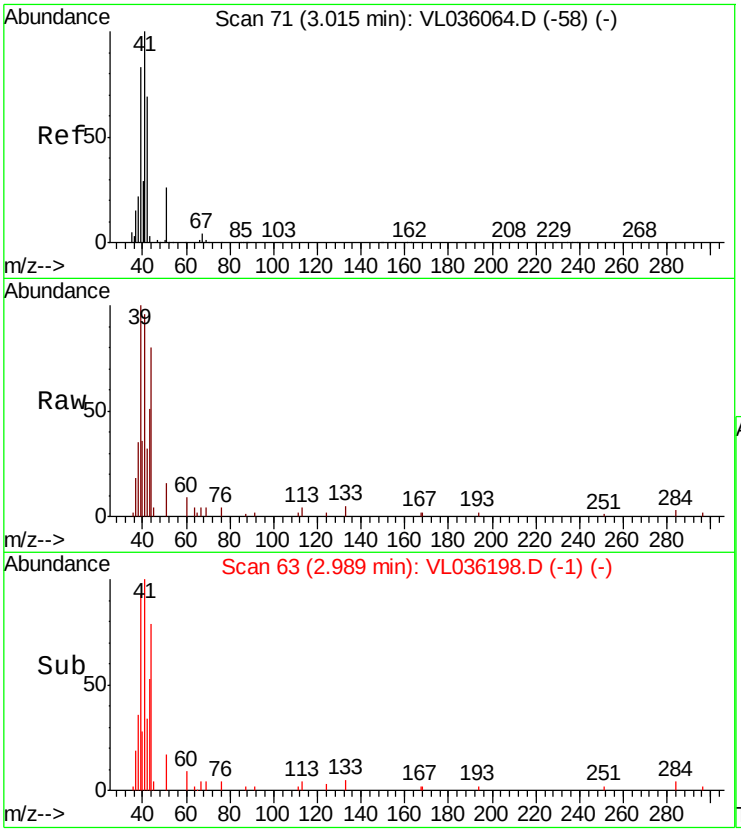


#4
Chloromethane
Concen: 0.040 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.02 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Tgt Ion: 50 Resp: 2748

Ion	Ratio	Lower	Upper
50	100		
52	8.3	26.1	39.1#



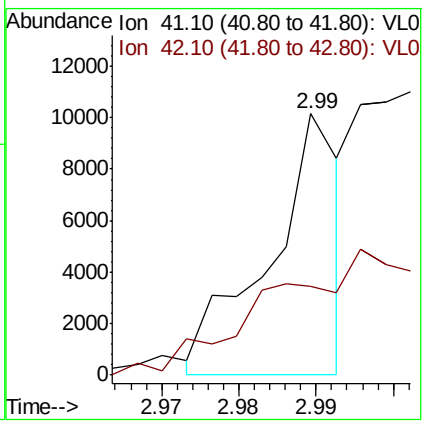


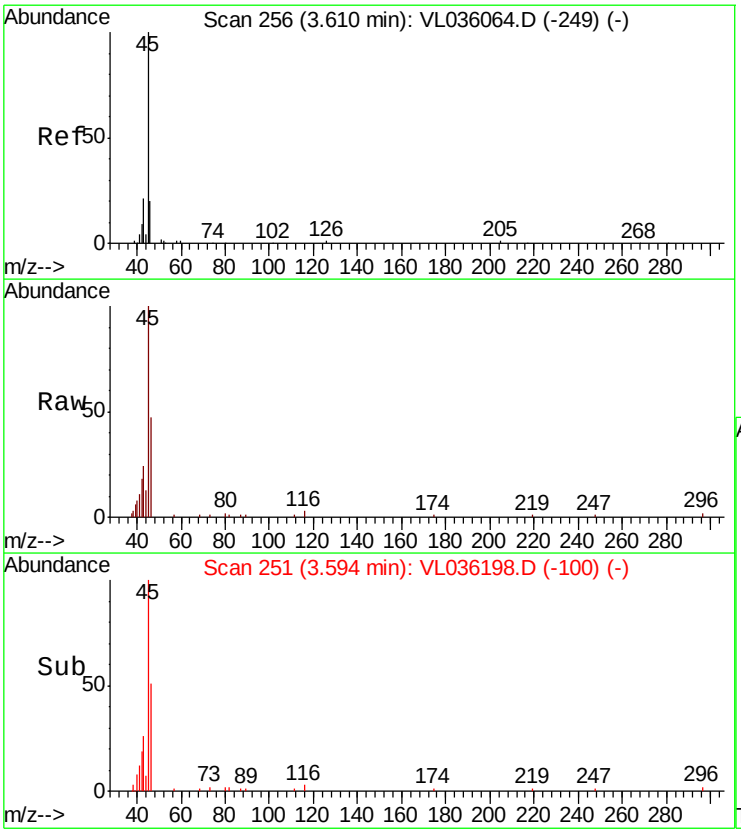
#9
Propene
Concen: 0.091 ppbv
RT: 2.99 min Scan# 63
Delta R.T. -0.03 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Instrument :
MSVOA_L
ClientSampleId :
SSSG1

Tgt Ion: 41 Resp: 6448

Ion	Ratio	Lower	Upper
41	100		
42	168.1	57.0	85.6#

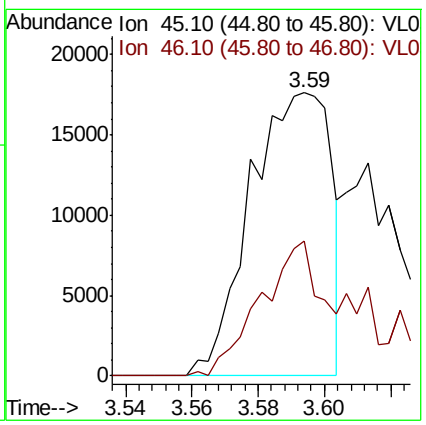


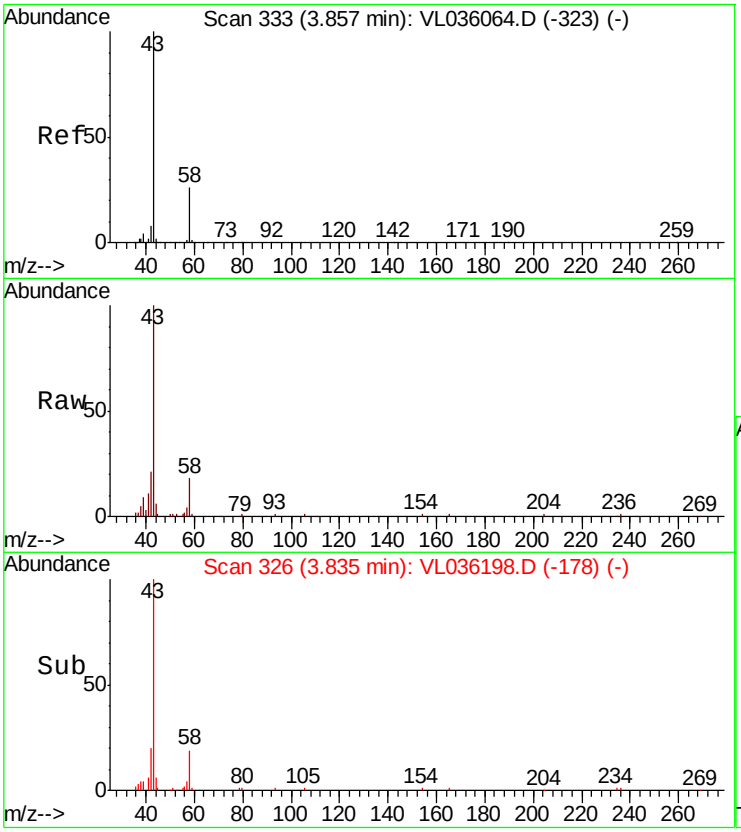


#13
Ethanol
Concen: 3.071 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Tgt Ion: 45 Resp: 29858

Ion	Ratio	Lower	Upper
45	100		
46	67.3	19.0	75.8



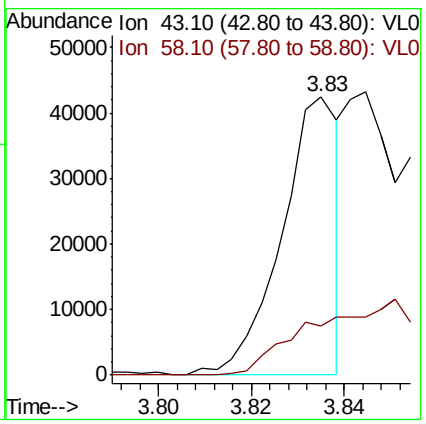


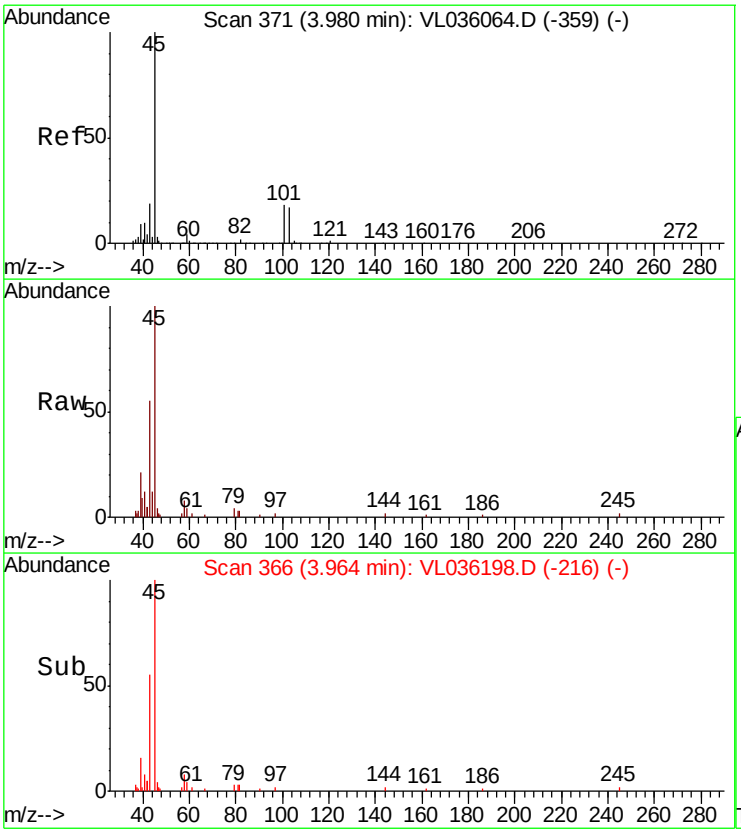
#15
Acetone
Concen: 0.245 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Instrument :
MSVOA_L
ClientSampleId :
SSSG1

Tgt Ion: 43 Resp: 36295

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.9	31.3#

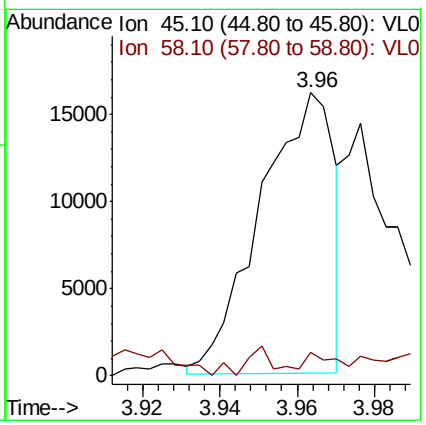


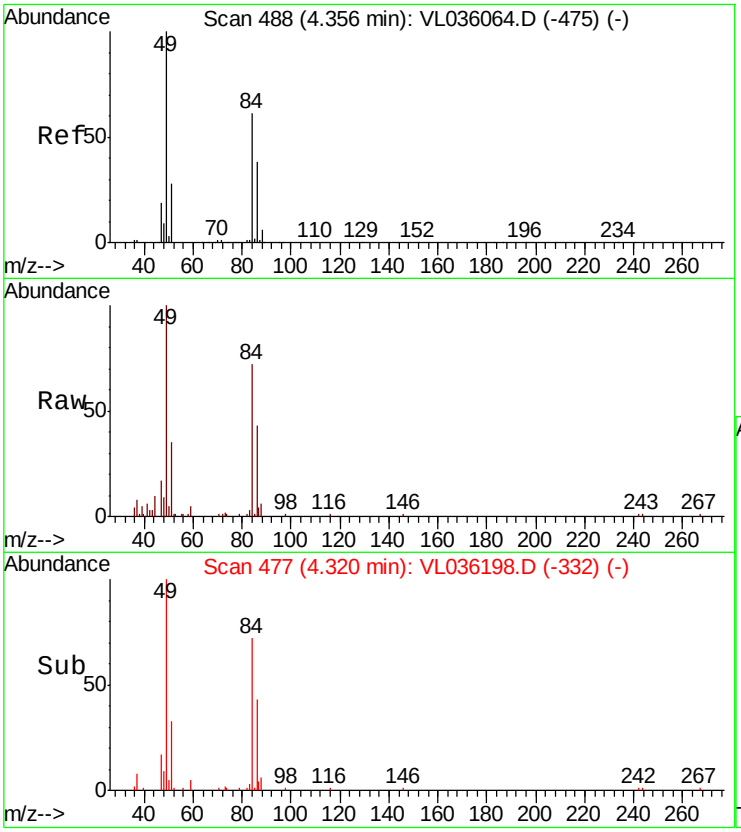


#19
Isopropyl Alcohol
Concen: 0.234 ppbv
RT: 3.96 min Scan# 366
Delta R.T. -0.02 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Tgt Ion: 45 Resp: 21245

Ion	Ratio	Lower	Upper
45	100		
58	16.1	0.0	0.0#



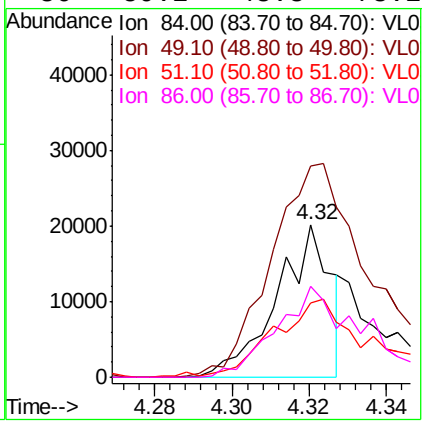


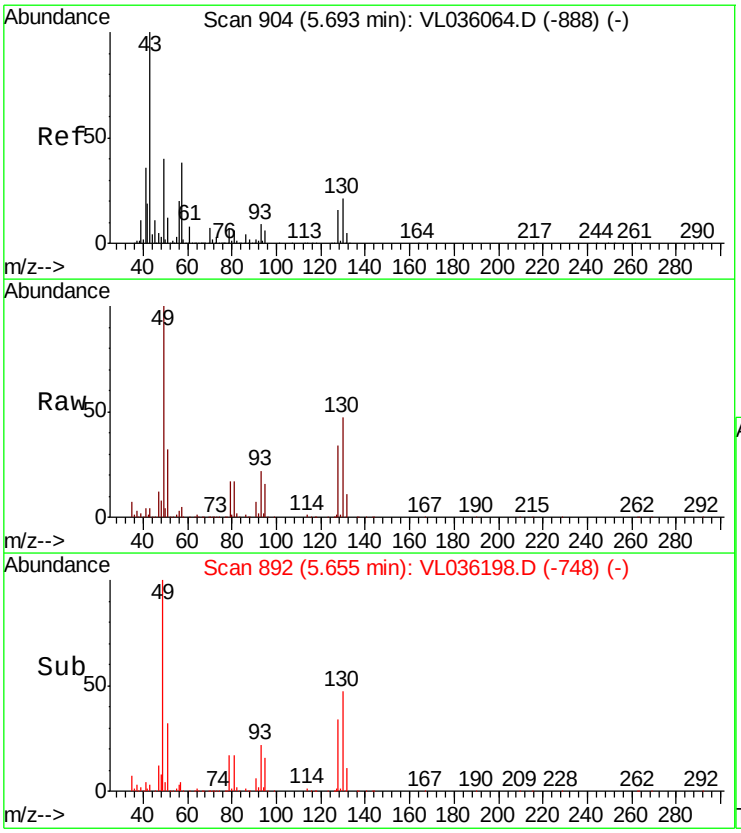
#20
Methylene Chloride
Concen: 0.321 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.04 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Instrument : MSVOA_L
ClientSampleId : SSSG1

Tgt Ion: 84 Resp: 19535

Ion	Ratio	Lower	Upper
84	100		
49	137.2	133.0	199.4
51	45.4	38.9	58.3
86	59.2	48.8	73.2

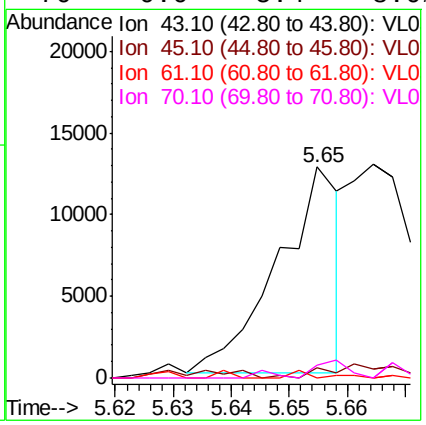


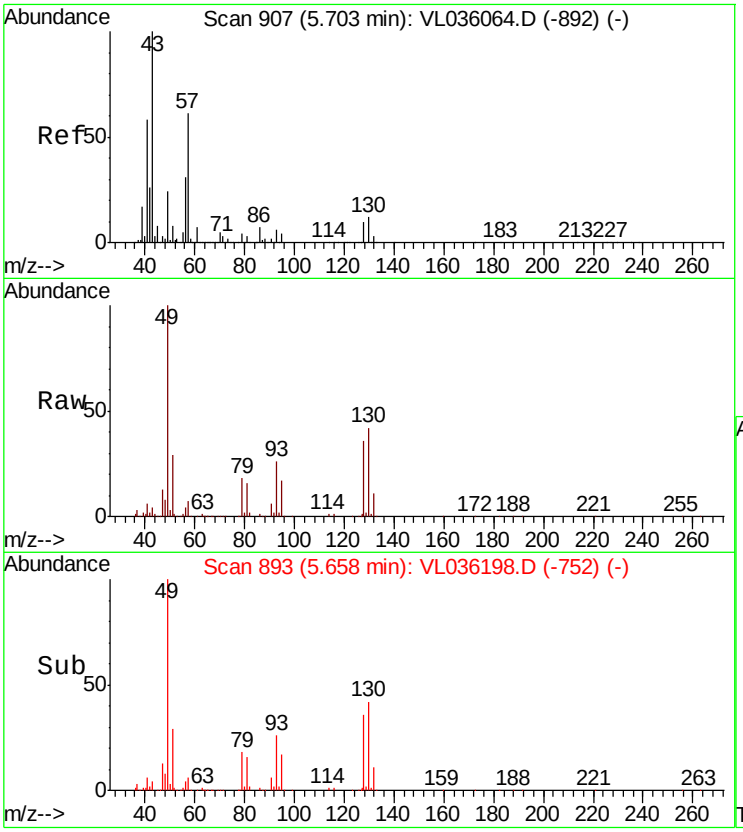


#25
Ethyl Acetate
Concen: 0.032 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.04 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Tgt Ion: 43 Resp: 9423

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	7.4	11.2#
70	0.0	5.4	8.0#



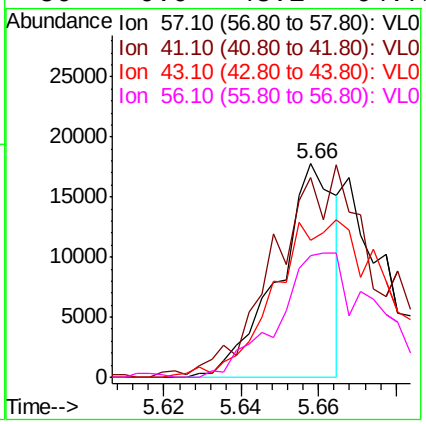


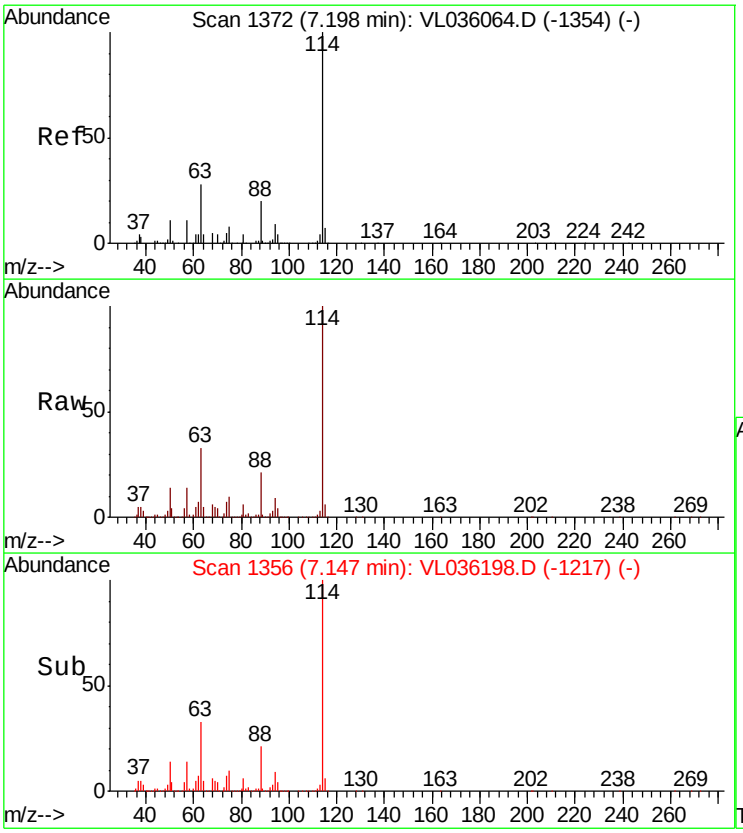
#26
Hexane
Concen: 0.137 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.05 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Instrument :
MSVOA_L
ClientSampleId :
SSSG1

Tgt Ion: 57 Resp: 18249

Ion	Ratio	Lower	Upper
57	100		
41	0.0	82.9	124.3#
43	0.0	199.9	299.9#
56	0.0	43.1	64.7#

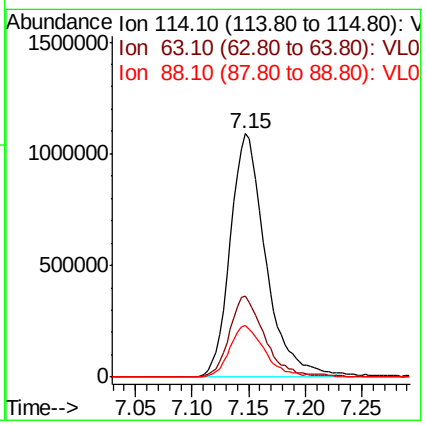


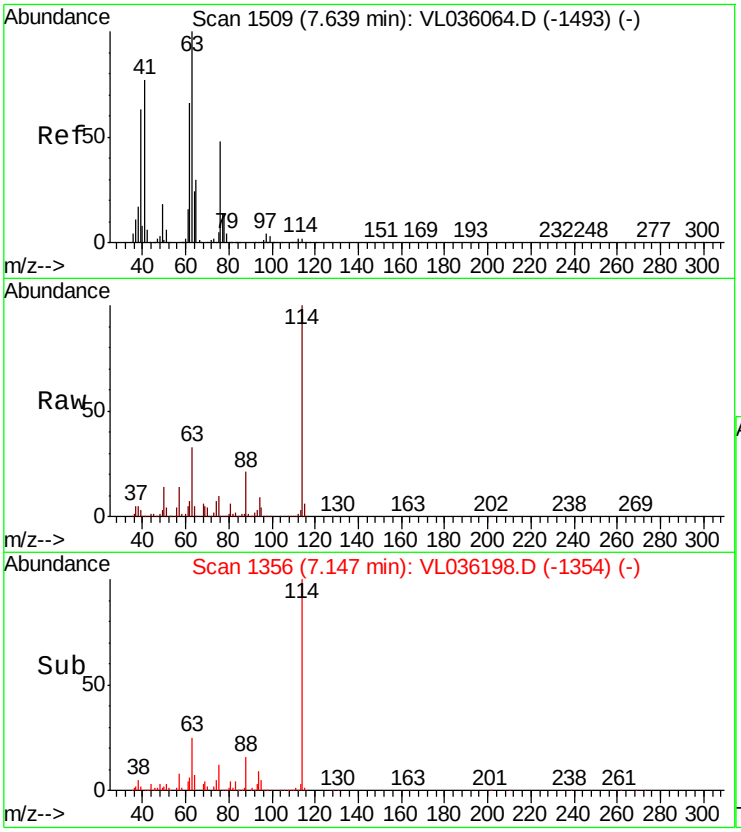


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.05 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Tgt Ion:114 Resp: 2384801

Ion	Ratio	Lower	Upper
114	100		
63	33.4	23.6	35.4
88	21.0	15.8	23.6



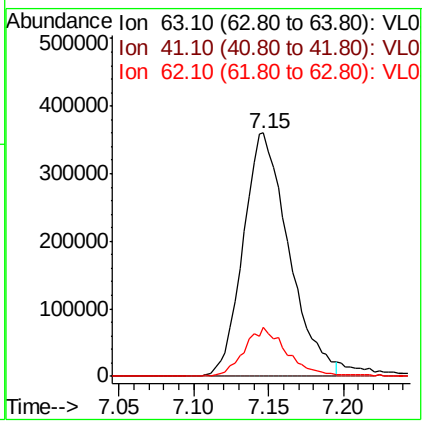


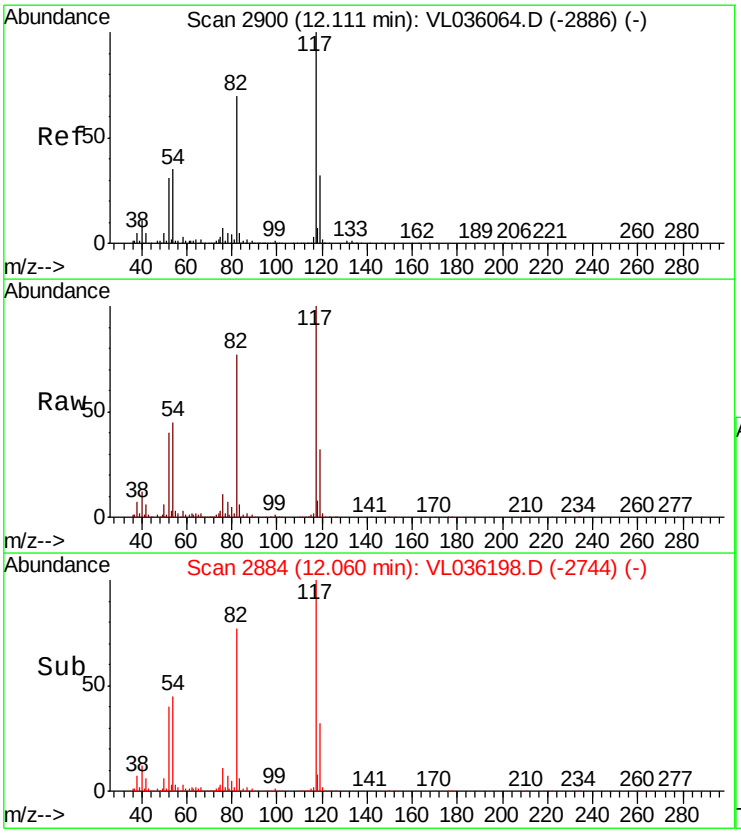
#39
1,2-Dichloropropane
Concen: 9.582 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.49 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Instrument :
MSVOA_L
ClientSampleId :
SSSG1

Tgt Ion: 63 Resp: 764785

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.9	92.9#
62	20.2	52.5	78.7#

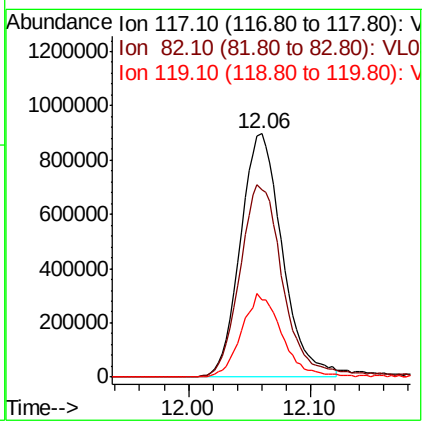


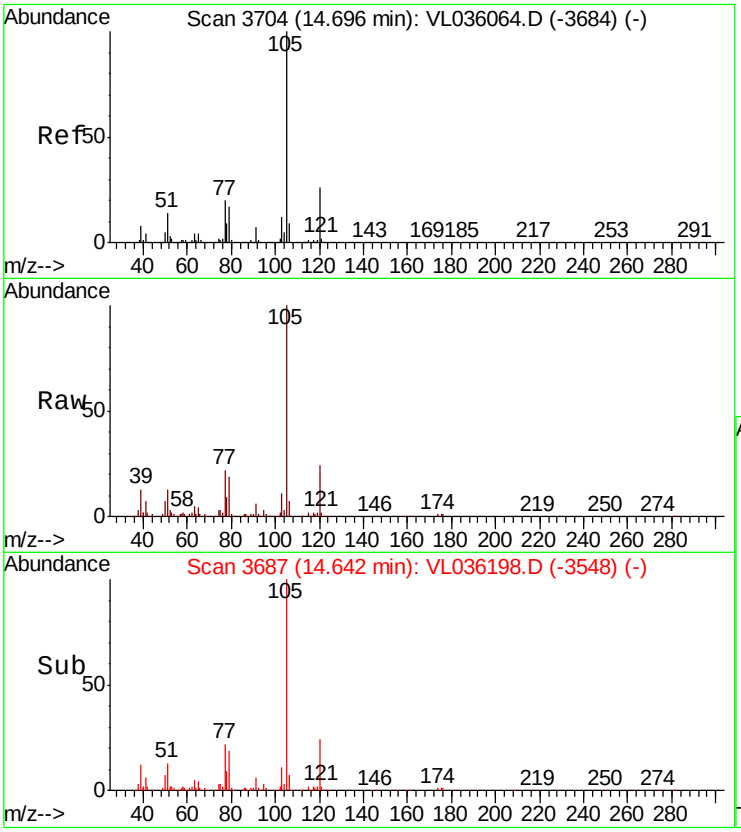


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.05 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Tgt Ion:117 Resp: 2127998

Ion	Ratio	Lower	Upper
117	100		
82	82.8	0.0	0.0#
119	33.1	0.0	0.0#



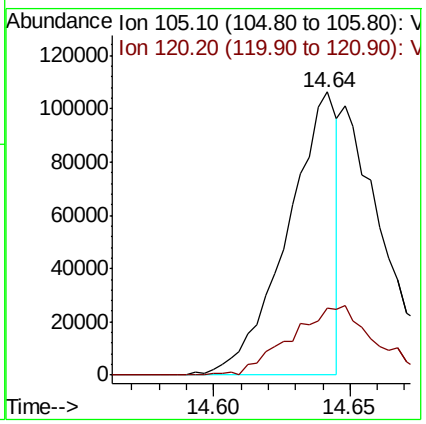


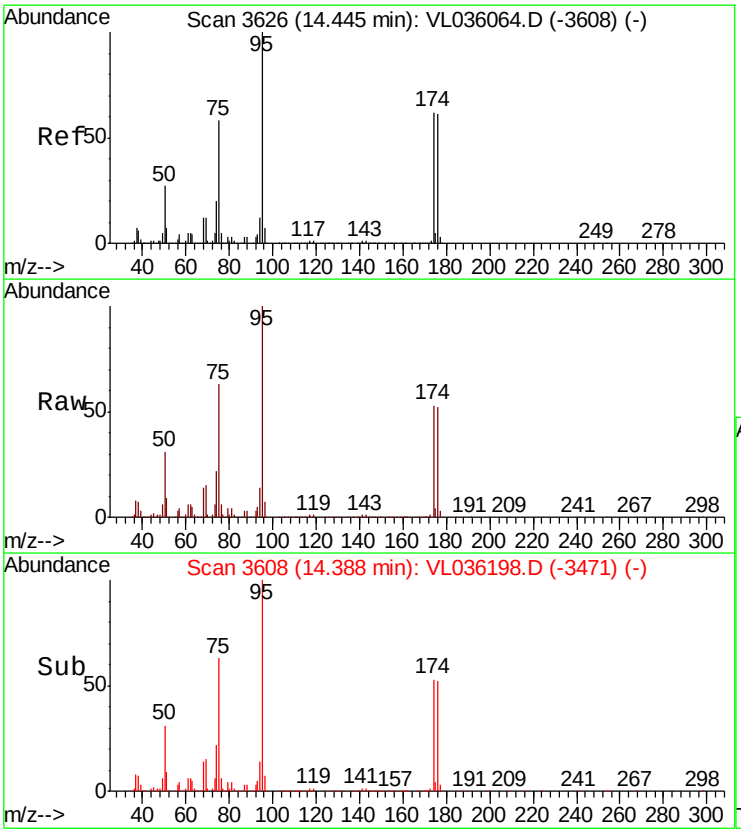
#62
Isopropylbenzene
Concen: 0.393 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.05 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Instrument : MSVOA_L
ClientSampleId : SSSG1

Tgt Ion:105 Resp: 134744

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.1	30.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.884 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.06 min
Lab File: VL036198.D
Acq: 23 Dec 2020 18:49

Tgt Ion: 95 Resp: 1839064

Ion	Ratio	Lower	Upper
95	100		
174	57.9	50.7	76.1
175	3.8	4.0	6.0#