Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091020\
Data File : VL035593.D
Acq On : 10 Sep 2020 21:24
Operator : SY/AP
Sample : CAN 10001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10001

Quant Time: Sep 11 08:14:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1017799	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4075767	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4082875	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3101646	10.70	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.00%			
Target Compounds						Qvalue
4) Chloromethane	3.13	50	3737	0.062	ppbv	94
9) Propene	3.01	41	4033	0.093	ppbv	88
15) Acetone	3.86	43	48132	0.429	ppbv #	69
20) Methylene Chloride	4.34	84	57596	0.689	ppbv	94
26) Hexane	5.68	57	18334	0.163	ppbv #	45
30) Cyclohexane	7.16	84	5571	0.046	ppbv #	9
39) 1,2-Dichloropropane	7.17	63	769322	8.632	ppbv #	32

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

Quantitation Report (Not Reviewed)

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Data File : VL035593.D
Acq On : 10 Sep 2020 21:24
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
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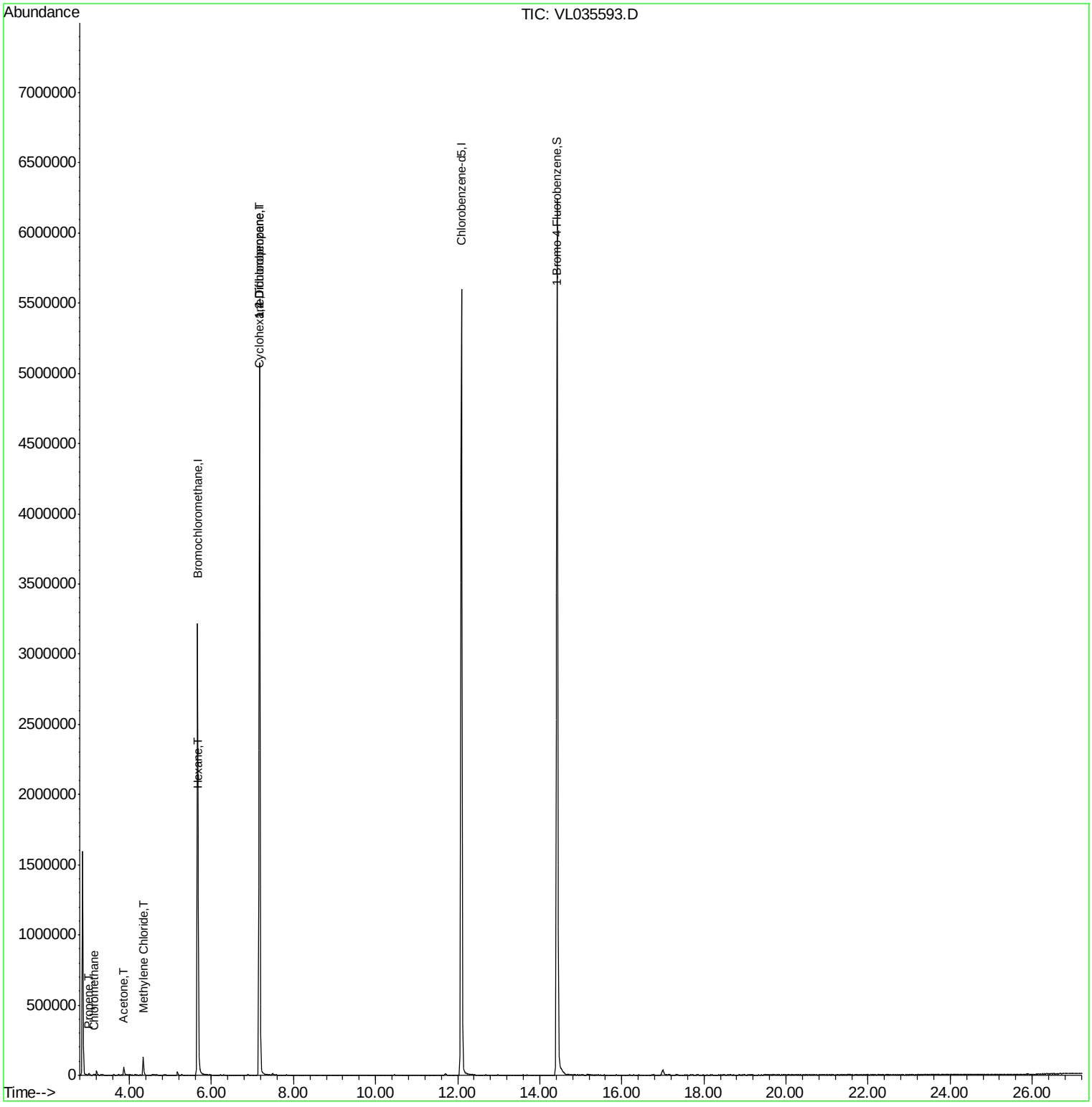
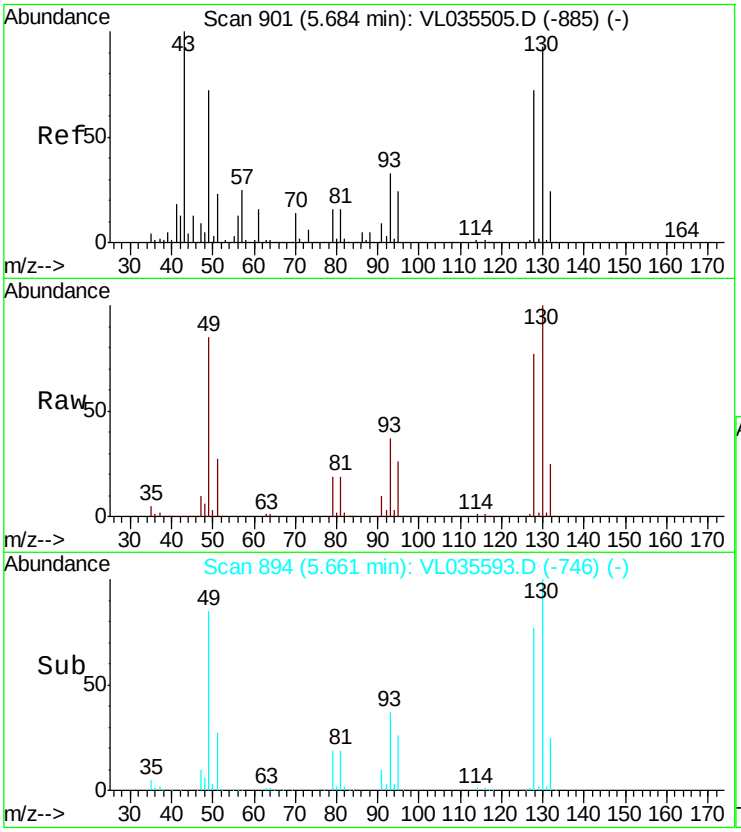


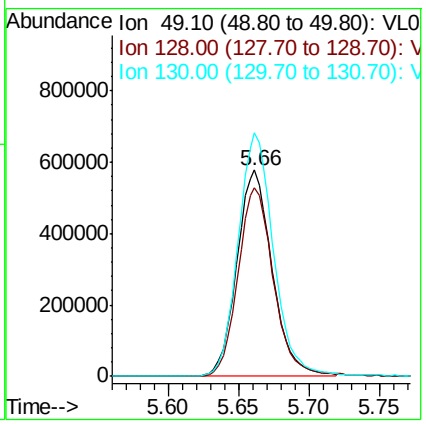


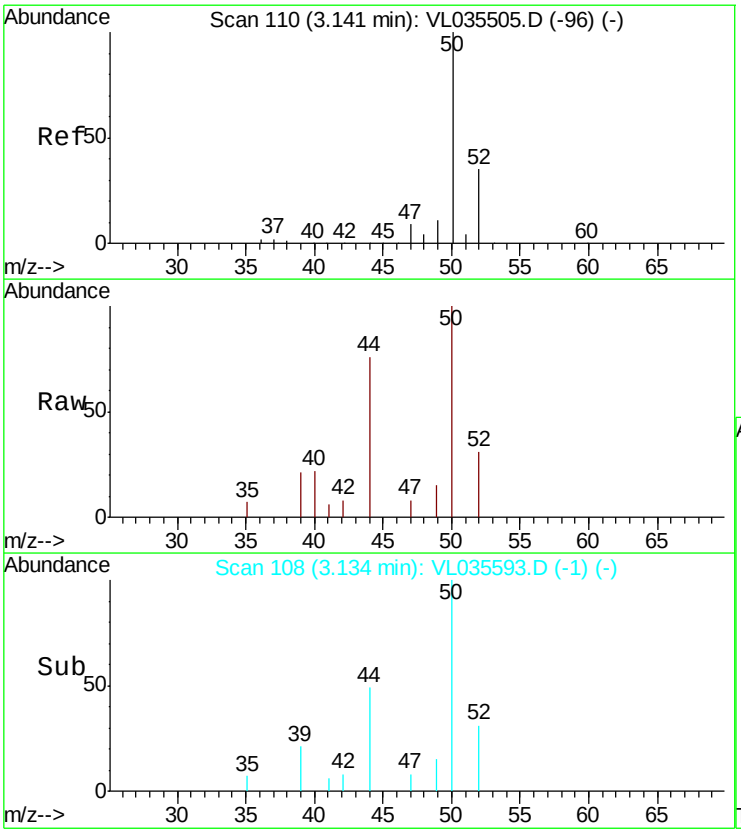
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Instrument :
MSVOA_L
ClientSampleId :
CAN 10001

Tgt Ion: 49 Resp: 1017799

Ion	Ratio	Lower	Upper
49	100		
128	92.2	50.0	150.1
130	119.2	64.4	193.2

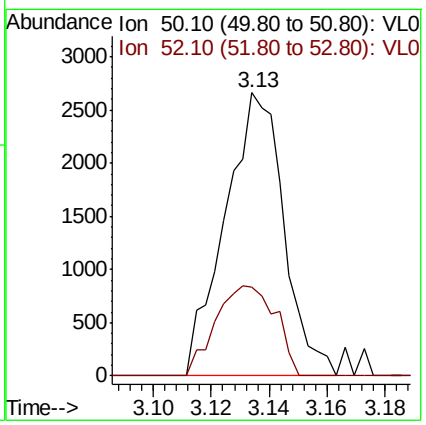


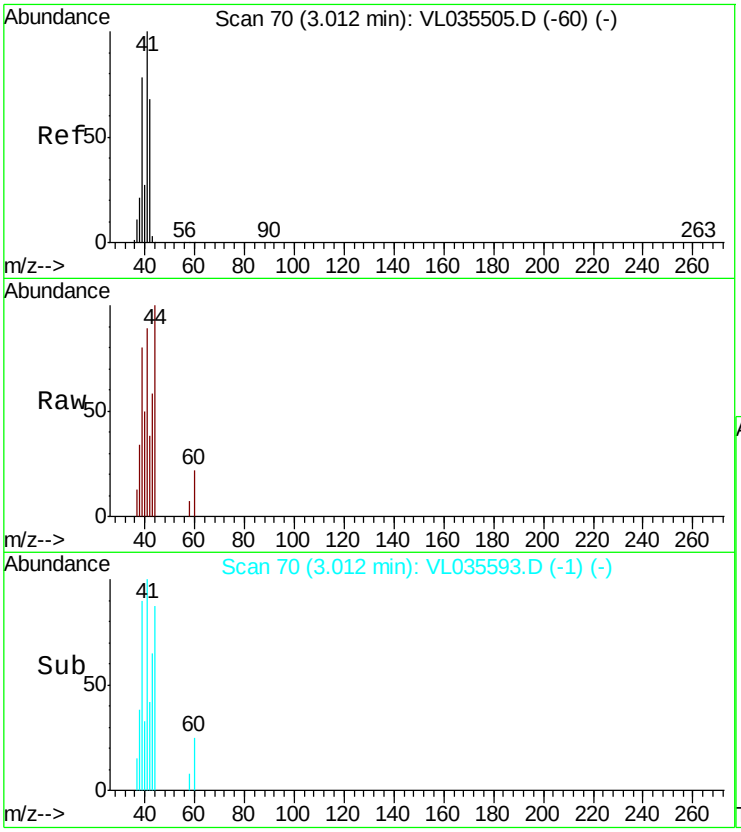


#4
Chloromethane
Concen: 0.062 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Tgt Ion: 50 Resp: 3737

Ion	Ratio	Lower	Upper
50	100		
52	31.4	27.7	41.5



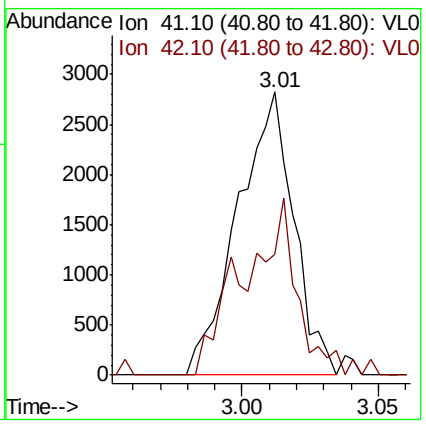


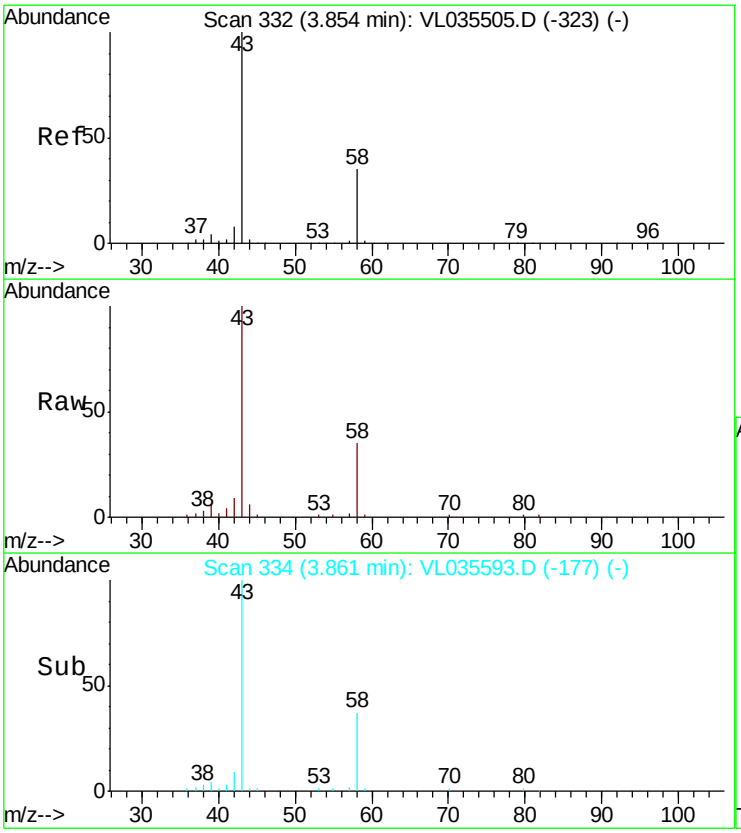
#9
Propene
Concen: 0.093 ppbv
RT: 3.01 min Scan# 70
Delta R.T. -0.00 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Instrument :
MSVOA_L
ClientSampleId :
CAN 10001

Tgt Ion: 41 Resp: 4033

Ion	Ratio	Lower	Upper
41	100		
42	60.8	56.3	84.5

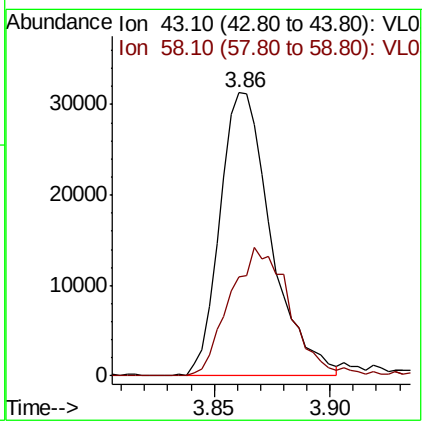


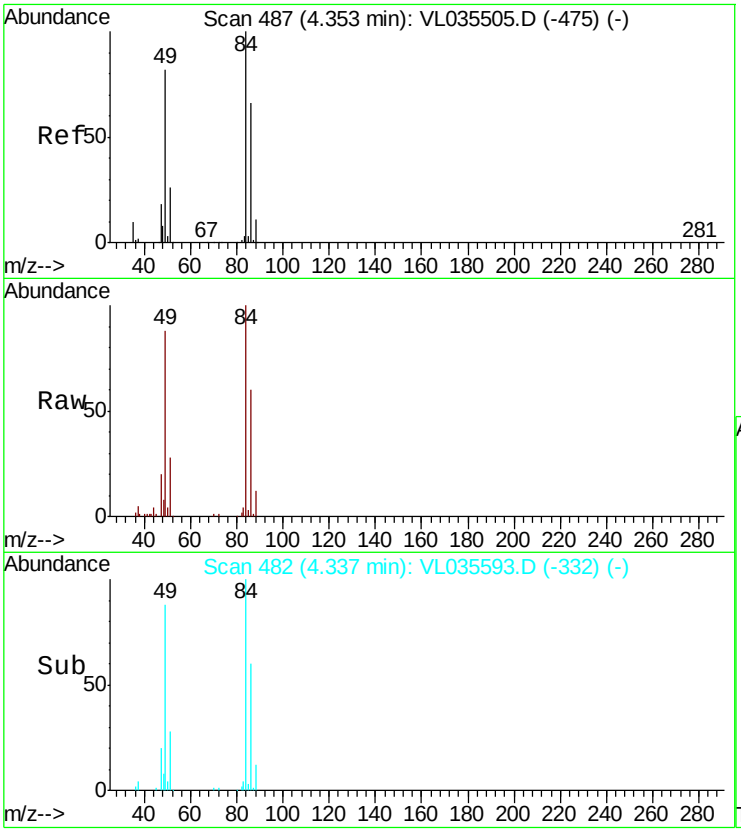


#15
Acetone
Concen: 0.429 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Tgt Ion: 43 Resp: 48132

Ion	Ratio	Lower	Upper
43	100		
58	53.8	28.4	42.6#



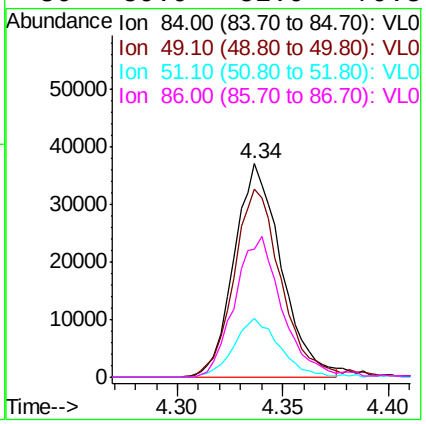


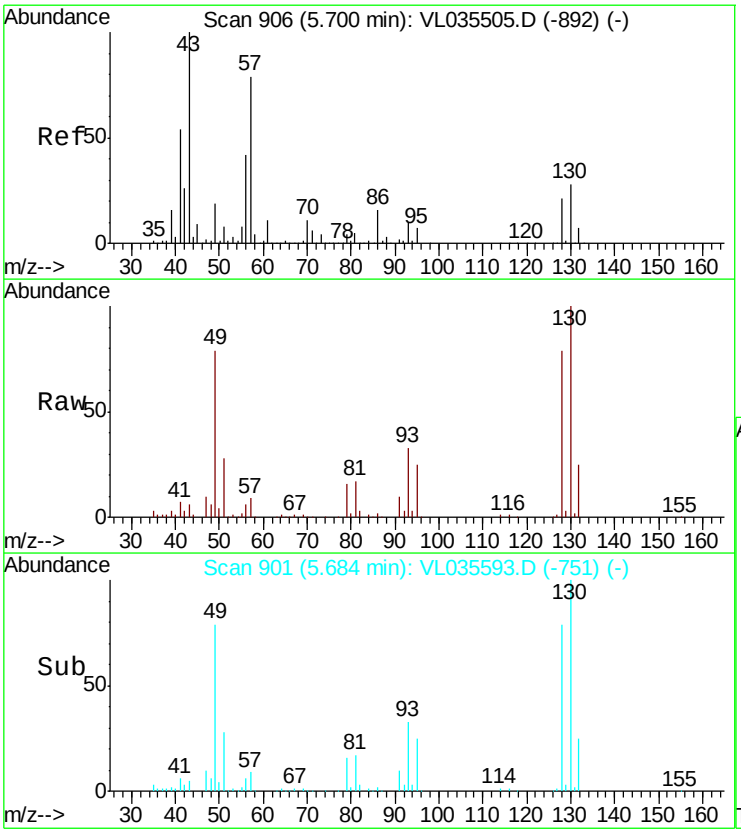
#20
Methylene Chloride
Concen: 0.689 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Instrument : MSVOA_L
ClientSampleId : CAN 10001

Tgt Ion: 84 Resp: 57596

Ion	Ratio	Lower	Upper
84	100		
49	87.5	65.4	98.0
51	27.7	21.5	32.3
86	59.9	52.9	79.3

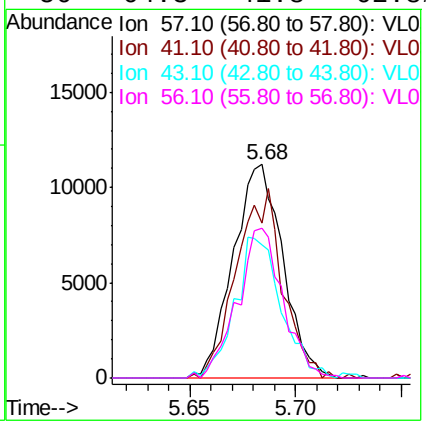


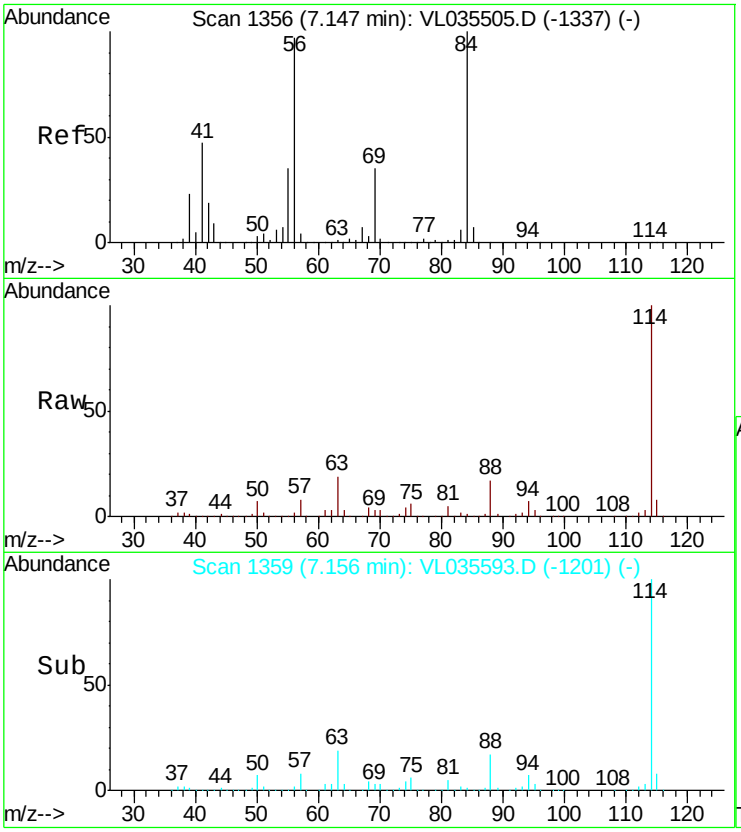


#26
Hexane
Concen: 0.163 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Tgt Ion: 57 Resp: 18334

Ion	Ratio	Lower	Upper
57	100		
41	82.3	55.9	83.9
43	62.7	141.8	212.8#
56	64.3	41.8	62.8#



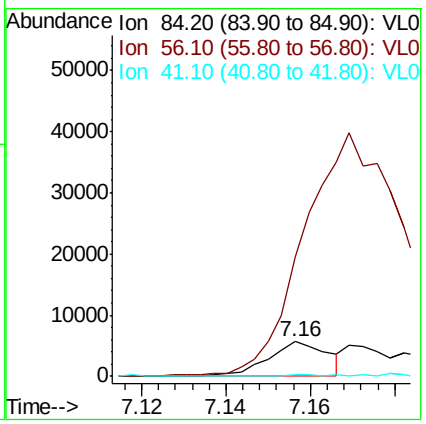


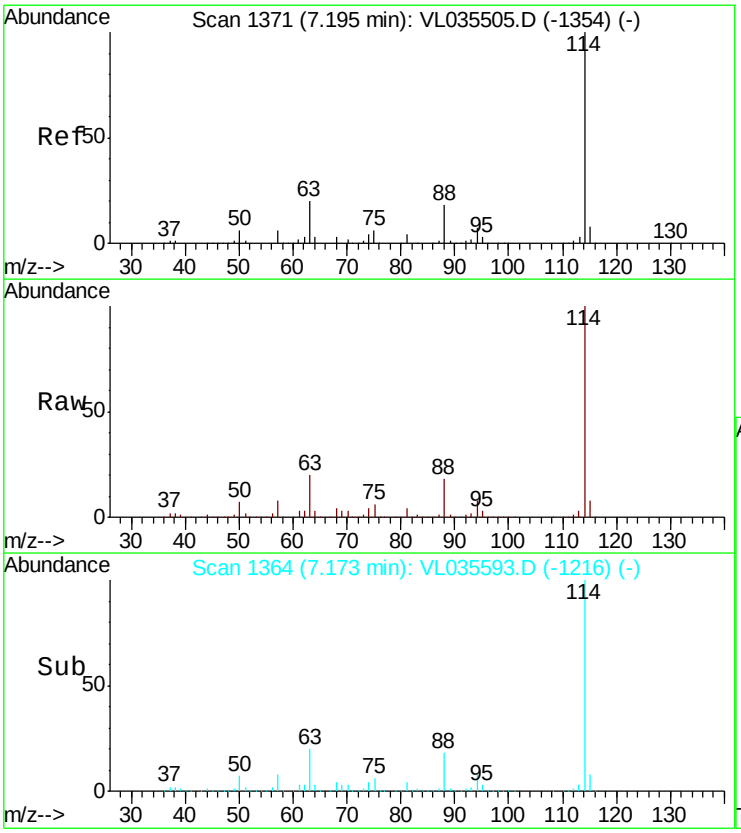
#30
Cyclohexane
Concen: 0.046 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Instrument : MSVOA_L
ClientSampleId : CAN 10001

Tgt Ion: 84 Resp: 5571

Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	0.0	38.1	57.1#

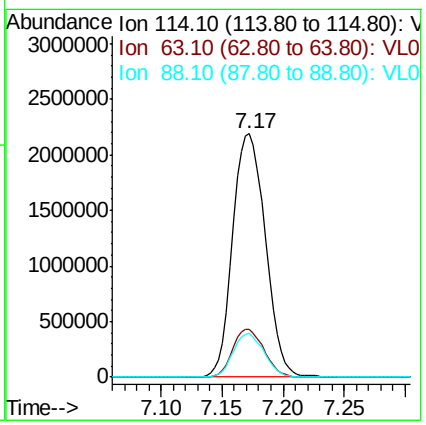


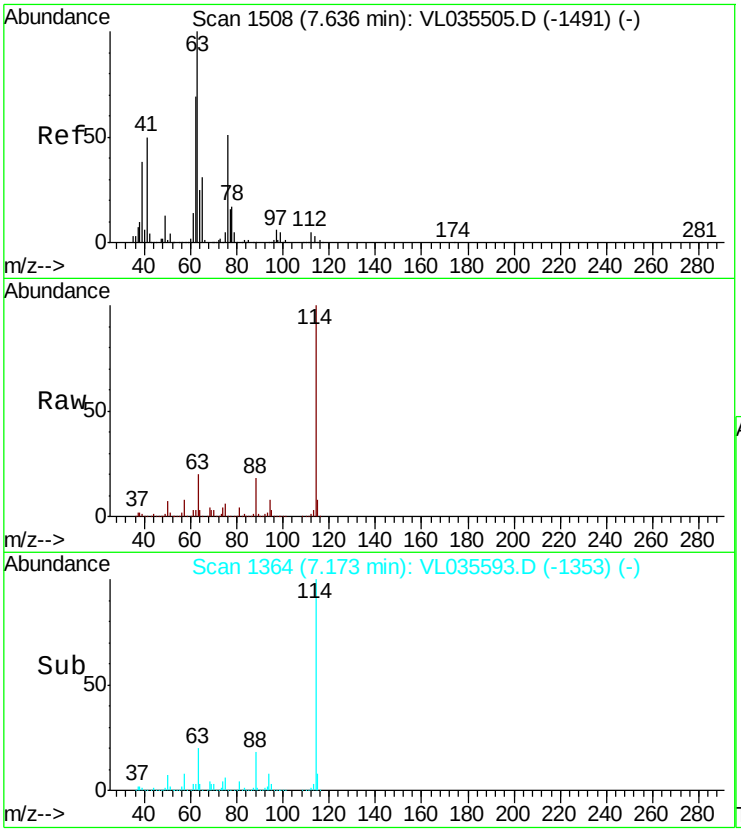


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Tgt Ion:114 Resp: 4075767

Ion	Ratio	Lower	Upper
114	100		
63	18.9	14.7	22.1
88	17.0	13.4	20.2



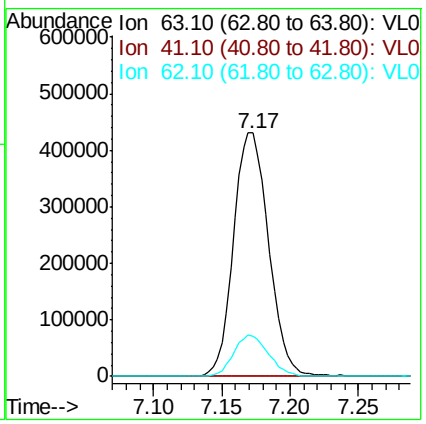


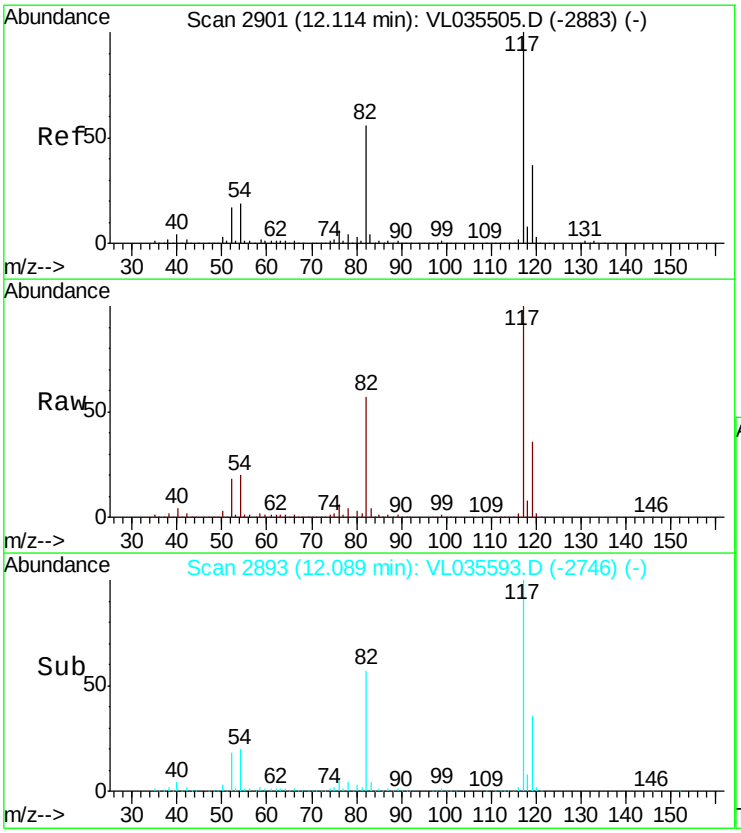
#39
1,2-Dichloropropane
Concen: 8.632 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.46 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Instrument : MSVOA_L
ClientSampleId : CAN 10001

Tgt Ion: 63 Resp: 769322

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	16.2	55.4	83.0#

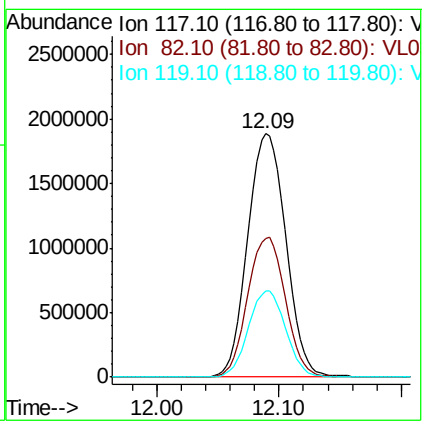


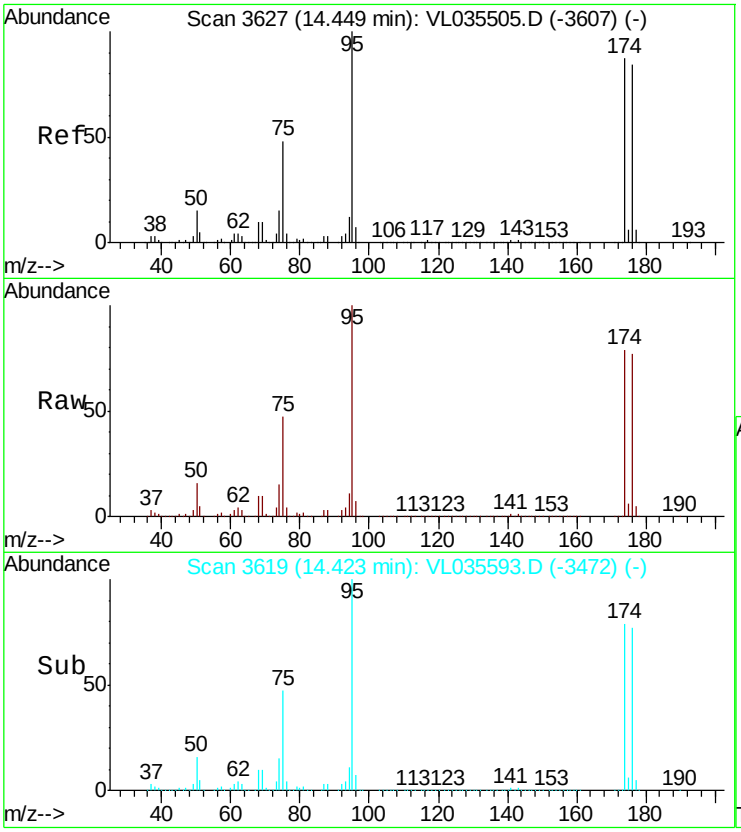


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Tgt Ion:117 Resp: 4082875

Ion	Ratio	Lower	Upper
117	100		
82	57.2	41.6	62.4
119	34.8	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.697 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Instrument :
MSVOA_L
ClientSampleId :
CAN 10001

Tgt Ion: 95 Resp: 3101646

Ion	Ratio	Lower	Upper
95	100		
174	80.8	69.6	104.4
175	5.8	5.1	7.7