Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091020\
Data File : VL035592.D
Acq On : 10 Sep 2020 20:43
Operator : SY/AP
Sample : CAN 10153
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10153

Quant Time: Sep 11 08:14:36 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	1020011	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4089169	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4131930	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3089801	10.53	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.30%			
Target Compounds						Qvalue
15) Acetone	3.86	43	20368	0.181	ppbv #	17
20) Methylene Chloride	4.34	84	29899	0.357	ppbv	96
26) Hexane	5.69	57	5948	0.053	ppbv #	43
30) Cyclohexane	7.15	84	8168	0.068	ppbv #	9
39) 1,2-Dichloropropane	7.17	63	769644	8.607	ppbv #	32

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

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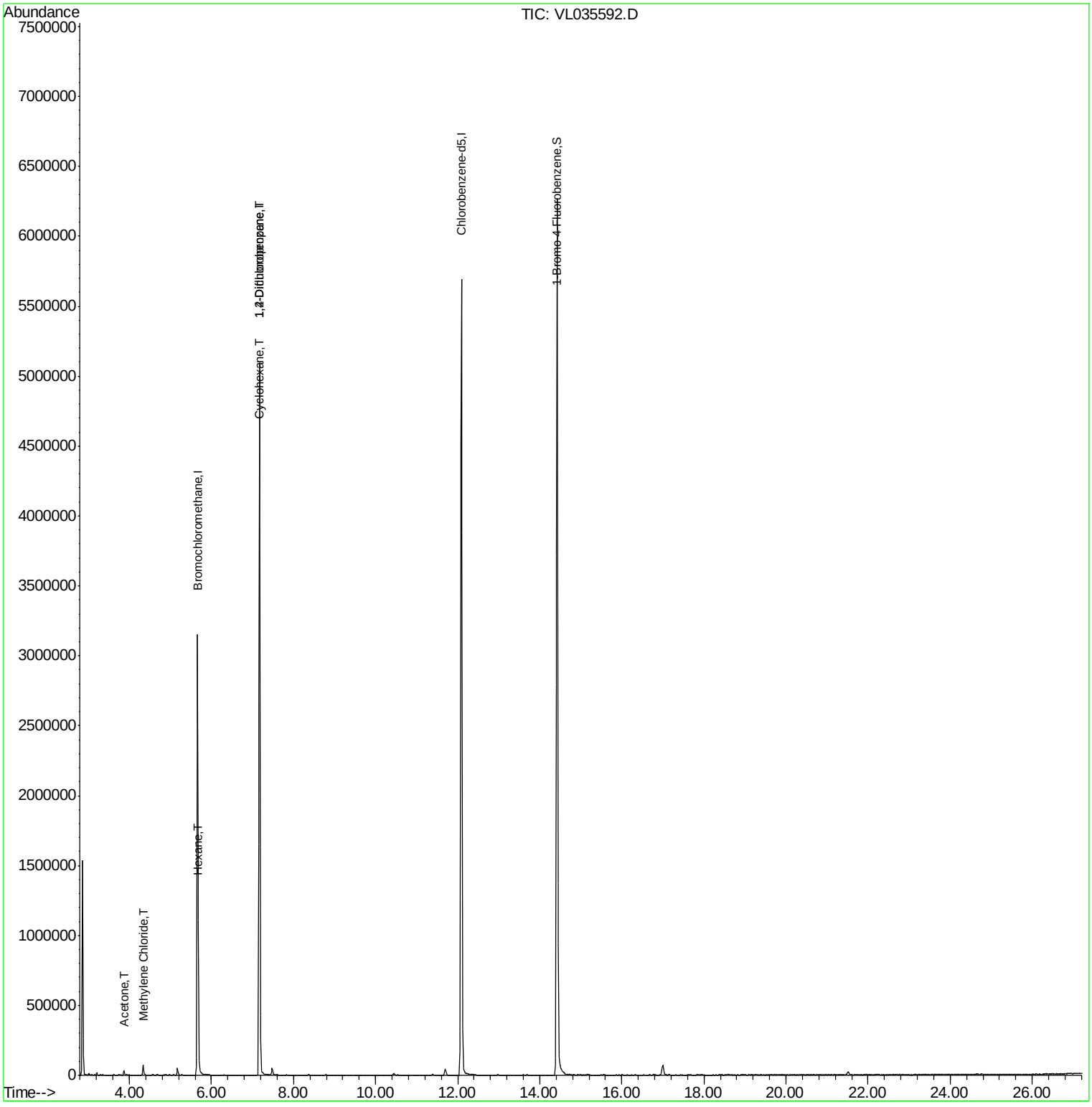
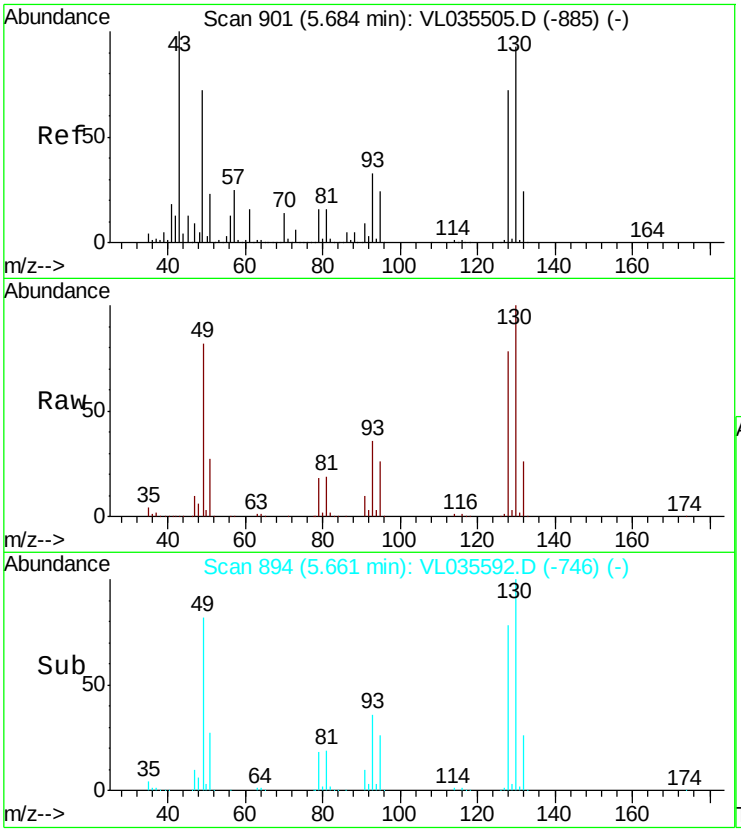


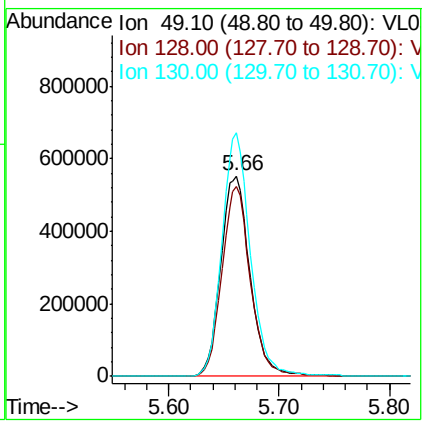


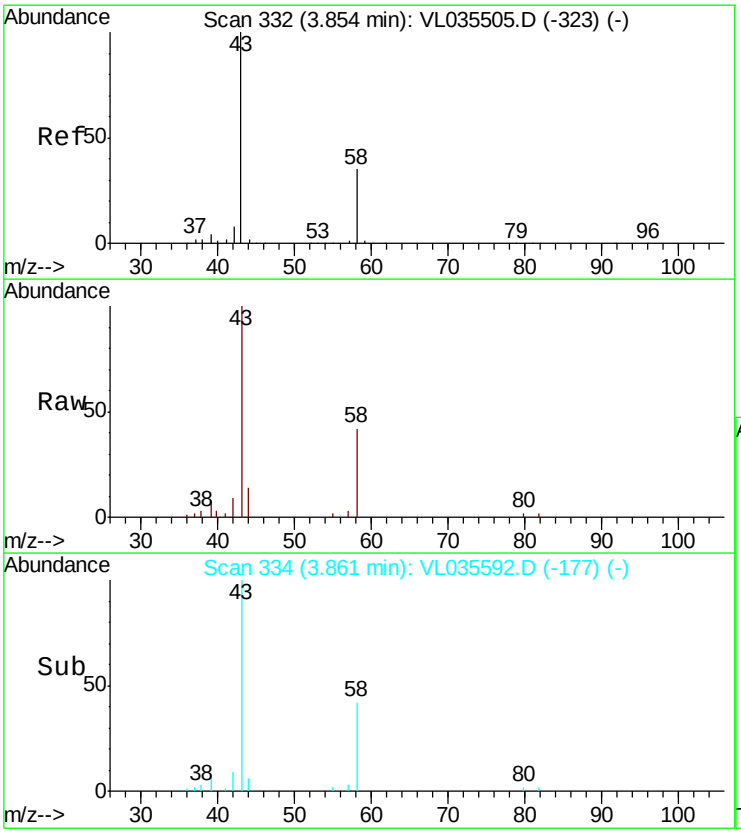
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Instrument :
MSVOA_L
ClientSampleId :
CAN 10153

Tgt Ion: 49 Resp: 1020011

Ion	Ratio	Lower	Upper
49	100		
128	92.6	50.0	150.1
130	118.2	64.4	193.2

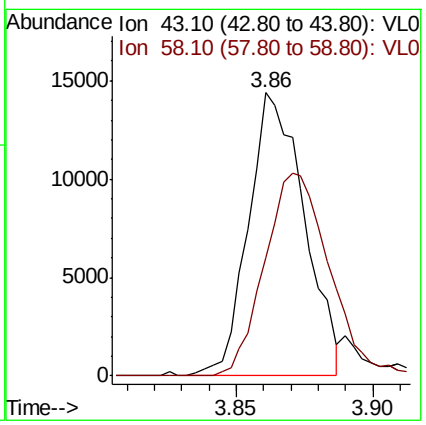


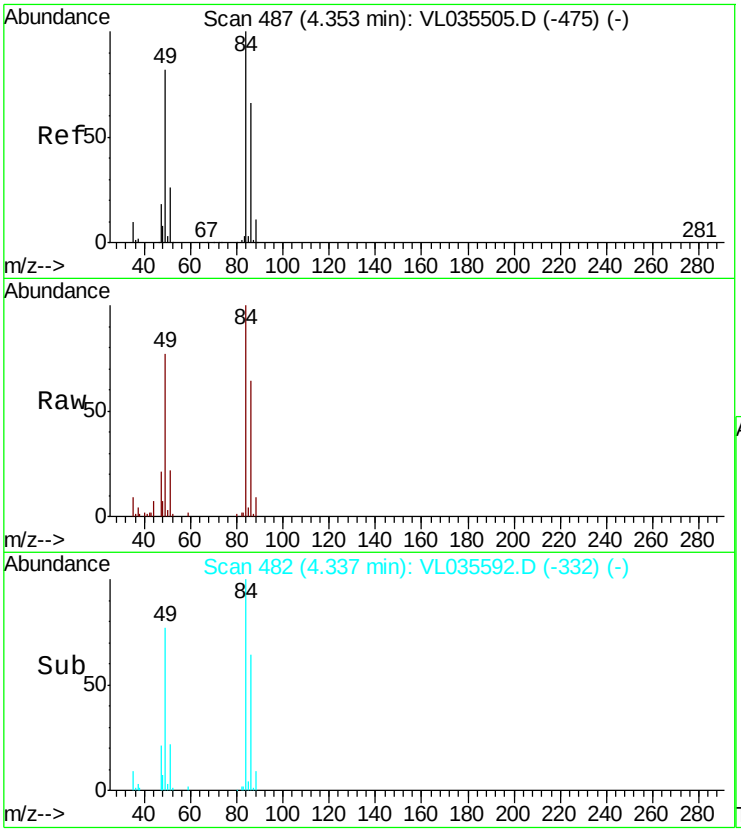


#15
Acetone
Concen: 0.181 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Tgt Ion: 43 Resp: 20368

Ion	Ratio	Lower	Upper
43	100		
58	83.9	28.4	42.6#



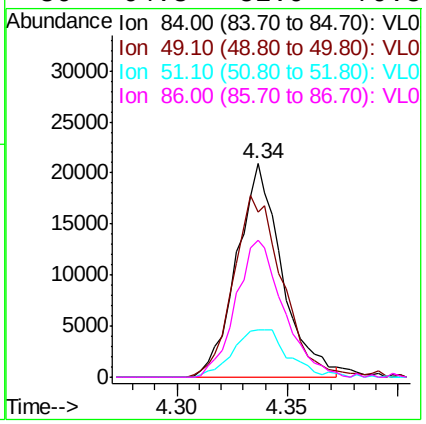


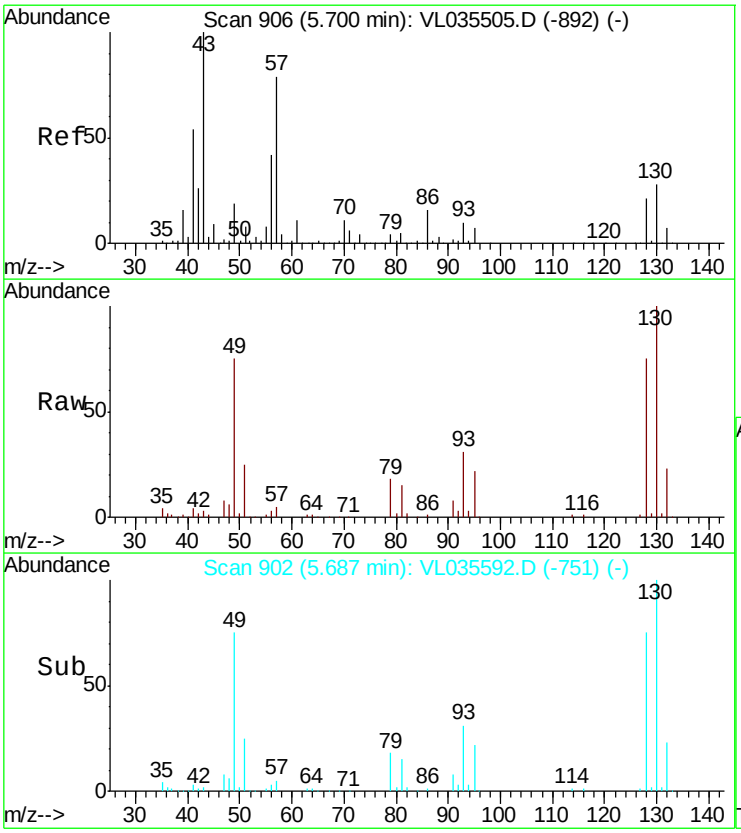
#20
Methylene Chloride
Concen: 0.357 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Instrument : MSVOA_L
ClientSampleId : CAN 10153

Tgt Ion: 84 Resp: 29899

Ion	Ratio	Lower	Upper
84	100		
49	77.4	65.4	98.0
51	22.3	21.5	32.3
86	64.3	52.9	79.3

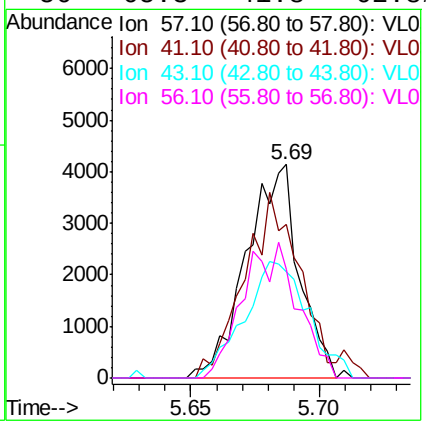


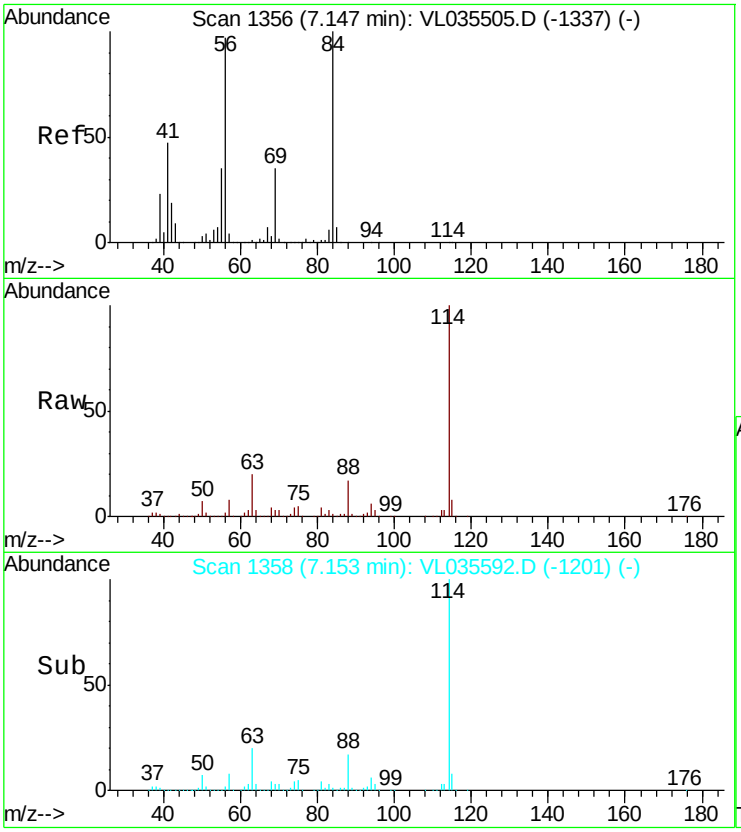


#26
Hexane
Concen: 0.053 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Tgt Ion: 57 Resp: 5948

Ion	Ratio	Lower	Upper
57	100		
41	93.6	55.9	83.9#
43	65.3	141.8	212.8#
56	65.3	41.8	62.8#



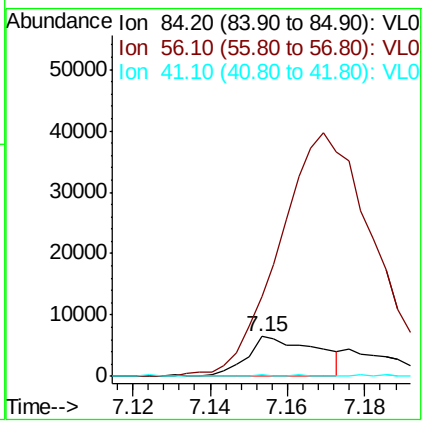


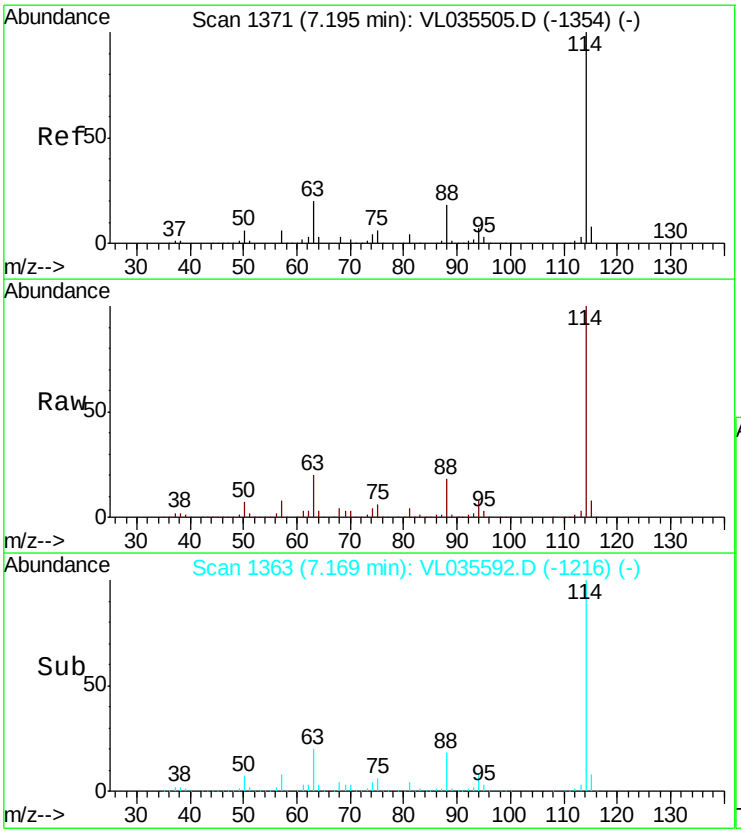
#30
Cyclohexane
Concen: 0.068 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Instrument : MSVOA_L
ClientSampleId : CAN 10153

Tgt Ion: 84 Resp: 8168

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

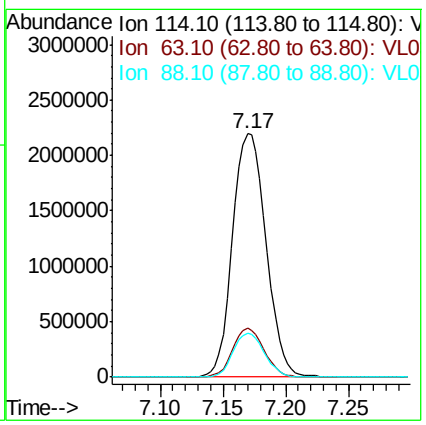


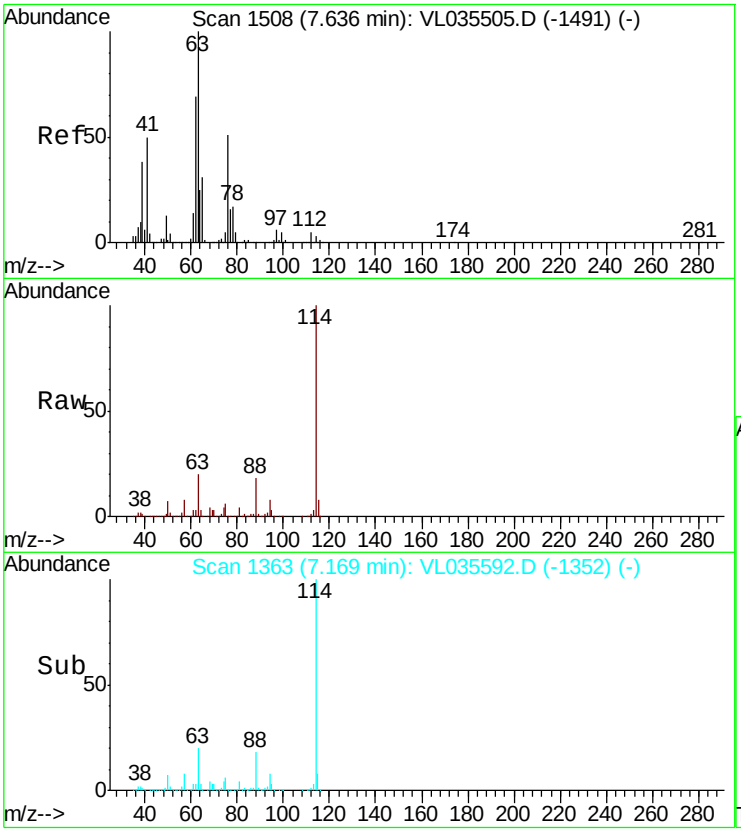


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Tgt Ion:114 Resp: 4089169

Ion	Ratio	Lower	Upper
114	100		
63	18.9	14.7	22.1
88	16.9	13.4	20.2



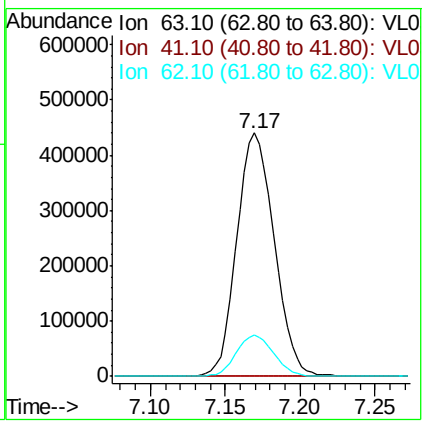


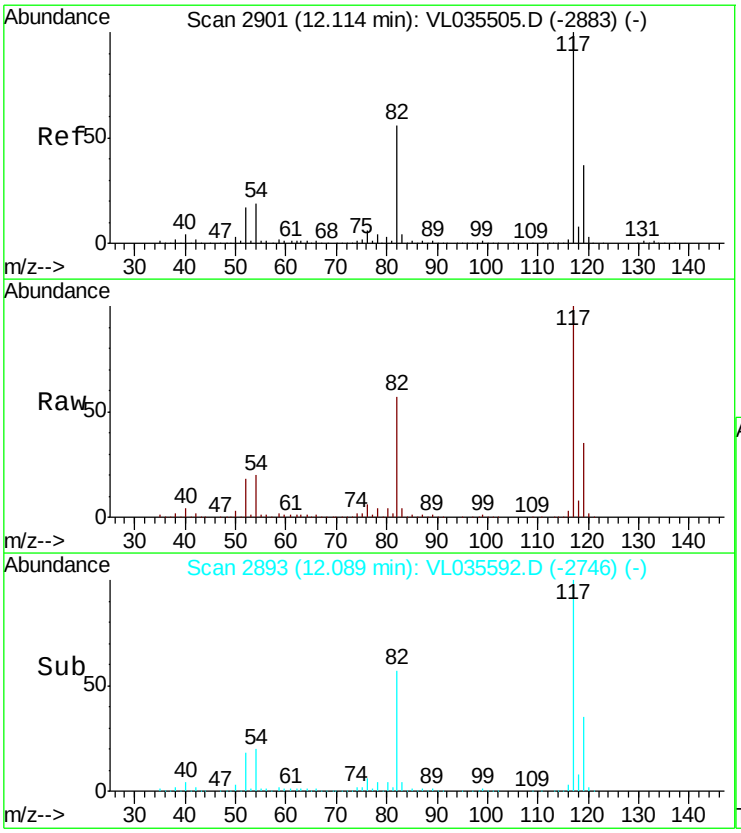
#39
1,2-Dichloropropane
Concen: 8.607 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Instrument :
MSVOA_L
ClientSampleId :
CAN 10153

Tgt Ion: 63 Resp: 769644

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	17.0	55.4	83.0#

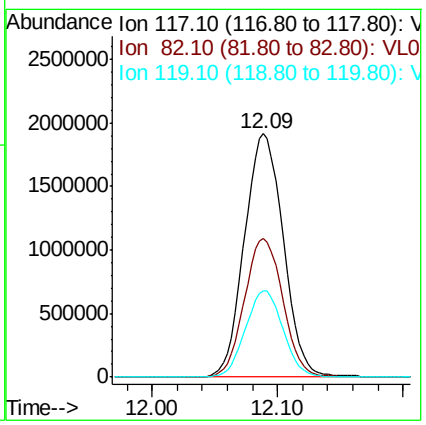


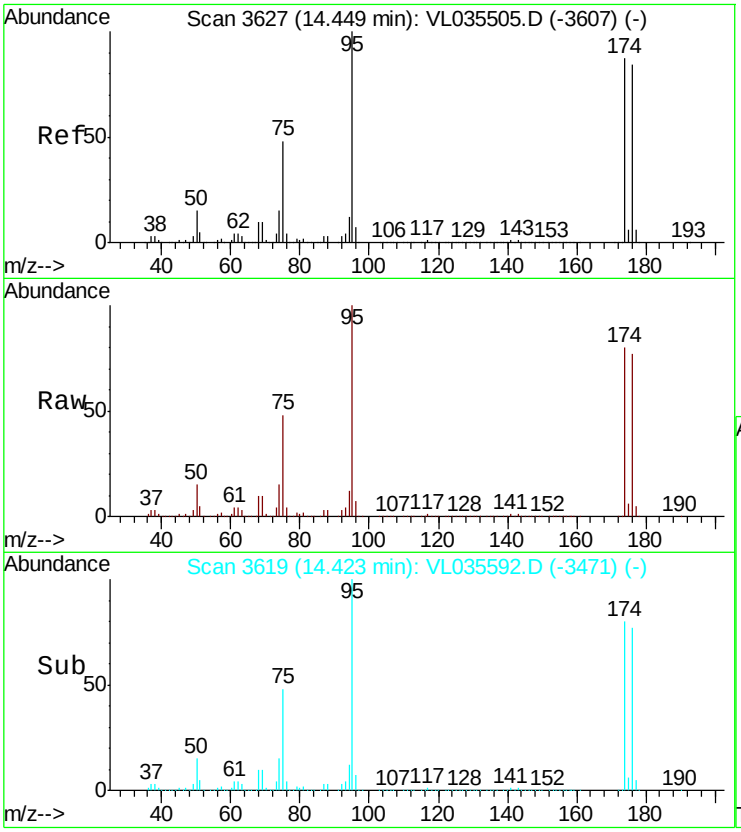


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Tgt Ion:117 Resp: 4131930

Ion	Ratio	Lower	Upper
117	100		
82	56.6	41.6	62.4
119	34.6	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.530 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035592.D
Acq: 10 Sep 2020 20:43

Instrument :
MSVOA_L
ClientSampleId :
CAN 10153

Tgt Ion: 95 Resp: 3089801

Ion	Ratio	Lower	Upper
95	100		
174	81.4	69.6	104.4
175	5.9	5.1	7.7