Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080320\
Data File : VL035328.D
Acq On : 4 Aug 2020 00:50
Operator : SY/AP
Sample : L3540-01 1200XDUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LAGCARB-IN-01DLDUP

Quant Time: Aug 04 05:40:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 04 05:31:29 2020
QLast Update : Tue Aug 04 05:31:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1207213	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2992012	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2947763	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2464990	9.98	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.80%			
Target Compounds						Qvalue
5) Vinyl Chloride	2.97	62	81954	1.062	ppbv #	53
9) Propene	2.96	41	5565	0.111	ppbv #	14
20) Methylene Chloride	4.31	84	11700	0.147	ppbv	96
27) Carbon Disulfide	4.52	76	3145179	19.785	ppbv	99
30) Cyclohexane	7.16	84	6905	0.078	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	833755	9.645	ppbv #	23

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

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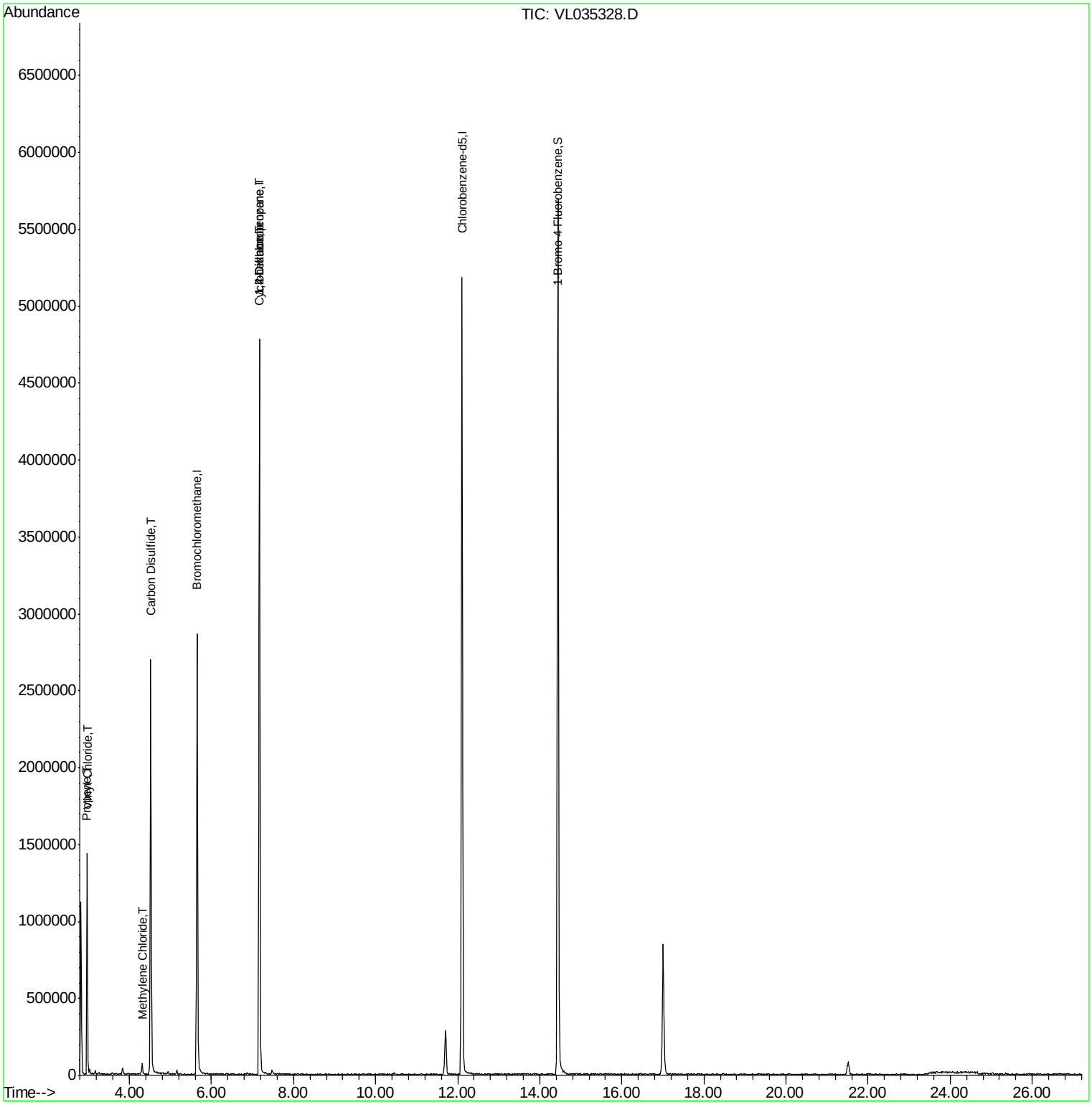
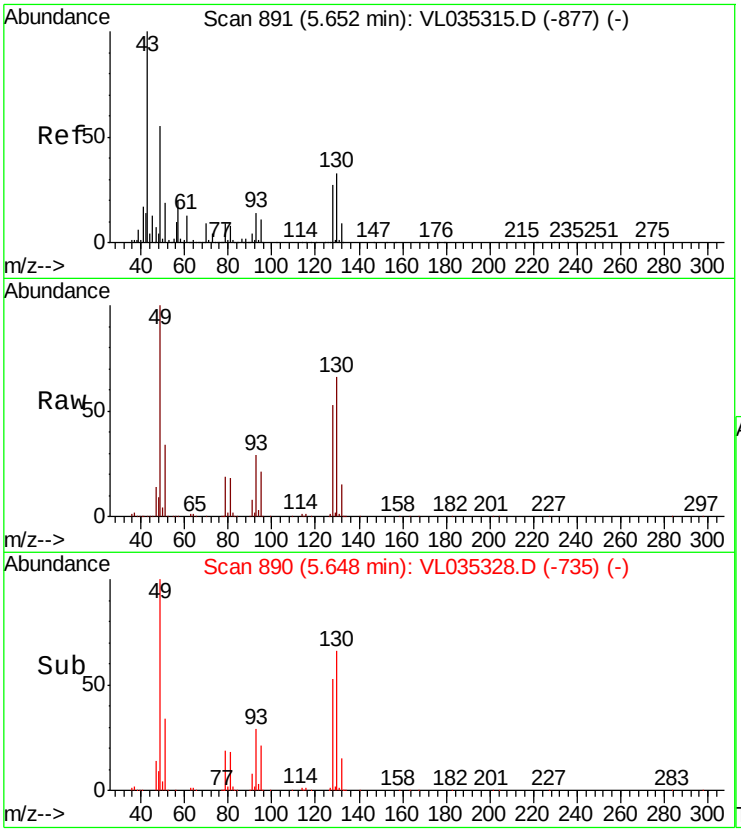


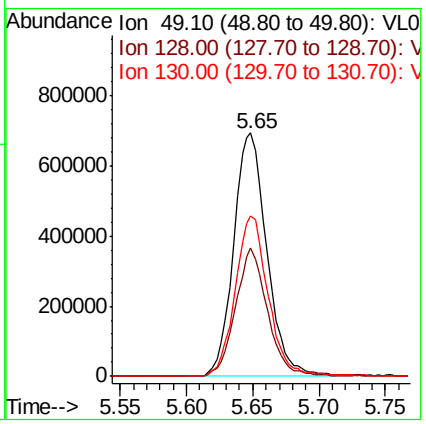


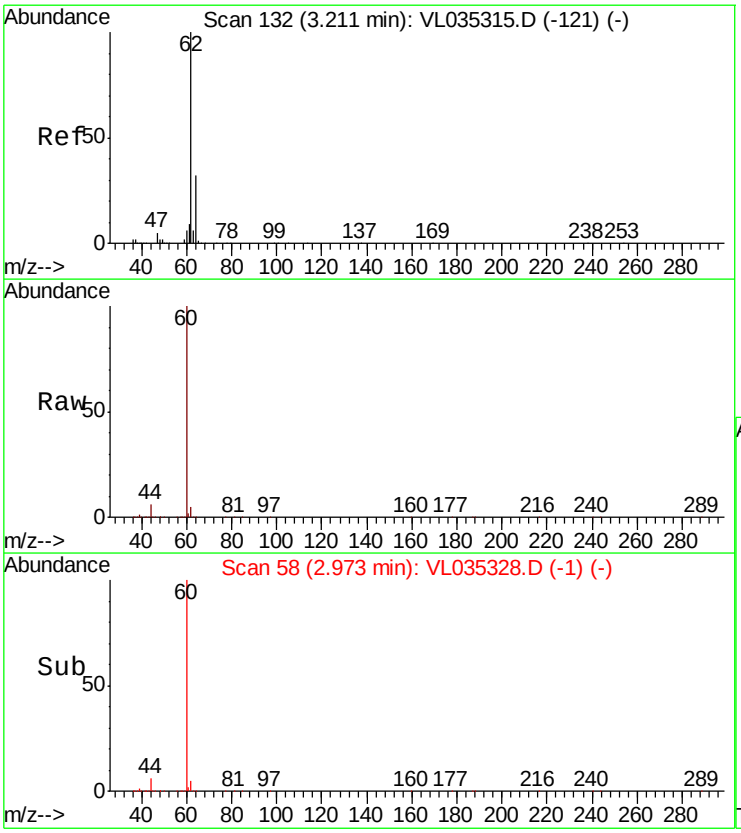
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.00 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Instrument :
MSVOA_L
ClientSampleId :
LAGCARB-IN-01DLDUP

Tgt Ion: 49 Resp: 1207213

Ion	Ratio	Lower	Upper
49	100		
128	50.5	23.8	71.5
130	65.9	31.4	94.3

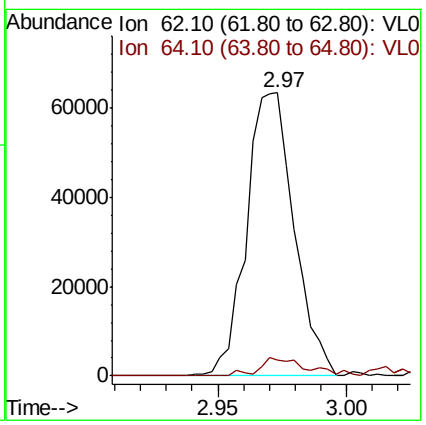


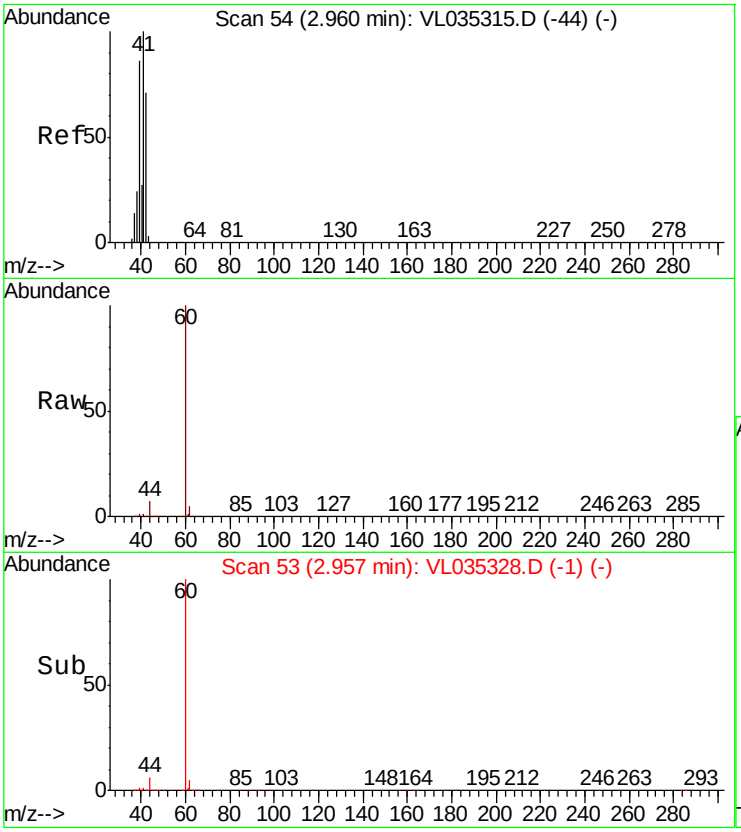


#5
Vinyl Chloride
Concen: 1.062 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.24 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Tgt Ion: 62 Resp: 81954

Ion	Ratio	Lower	Upper
62	100		
64	5.8	25.9	38.9#



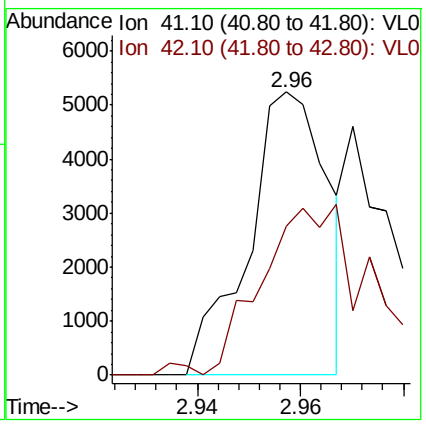


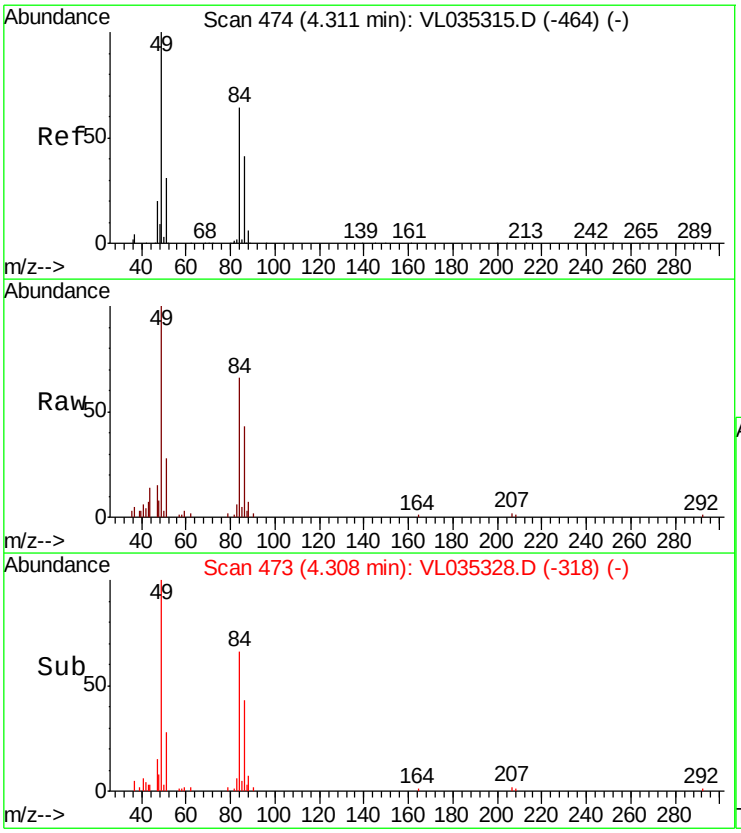
#9
Propene
Concen: 0.111 ppbv
RT: 2.96 min Scan# 53
Delta R.T. -0.00 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Instrument :
MSVOA_L
ClientSampleId :
LAGCARB-IN-01DLDUP

Tgt Ion: 41 Resp: 5565

Ion	Ratio	Lower	Upper
41	100		
42	0.0	56.8	85.2#

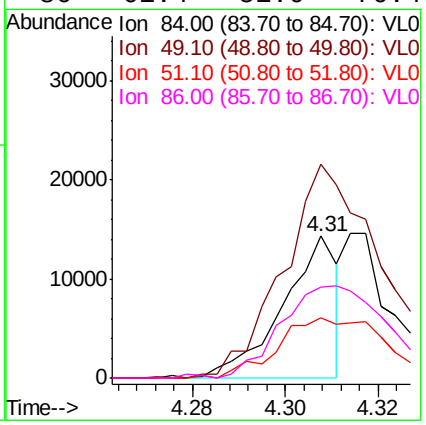


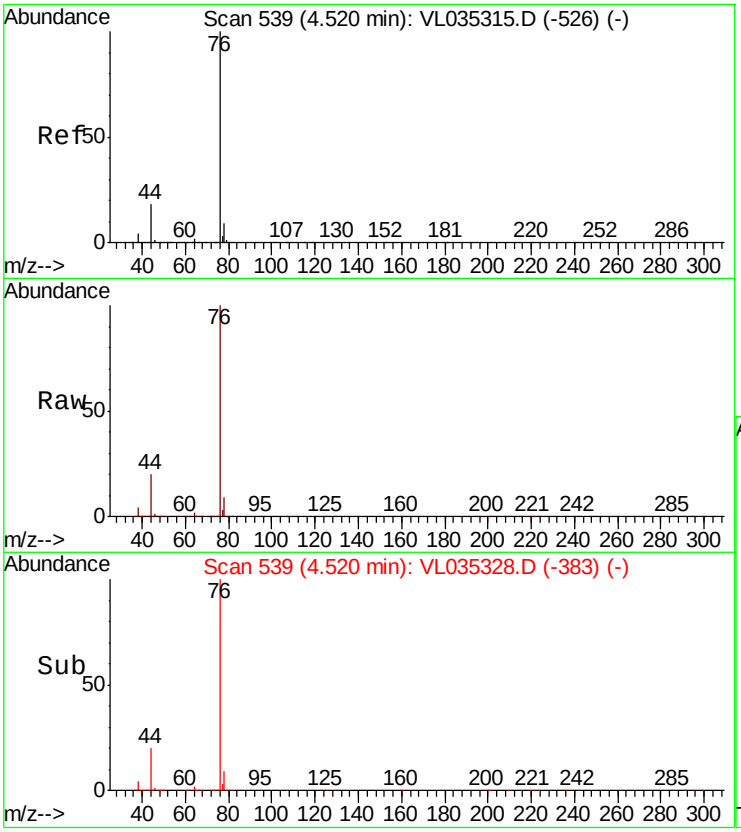


#20
Methylene Chloride
Concen: 0.147 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.00 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Tgt Ion: 84 Resp: 11700

Ion	Ratio	Lower	Upper
84	100		
49	150.9	124.2	186.2
51	42.4	38.6	58.0
86	61.4	51.0	76.4



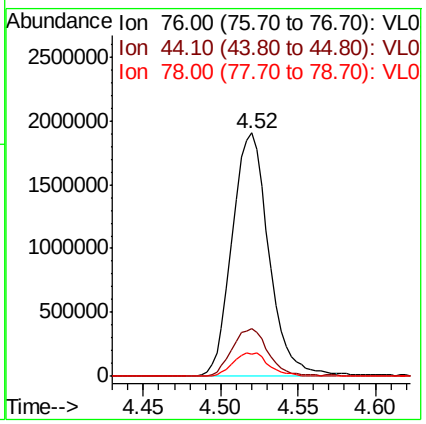


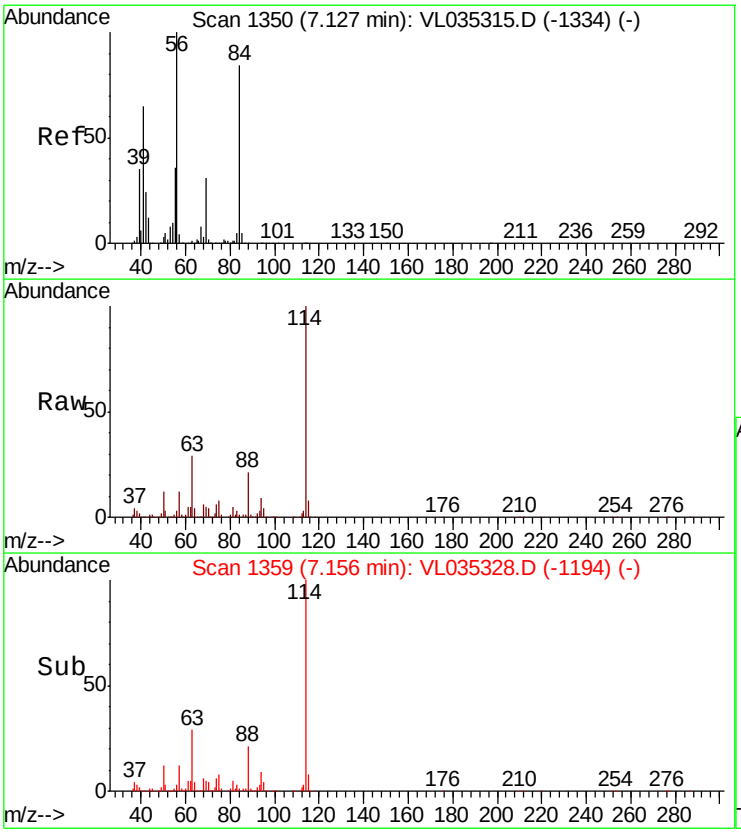
#27
Carbon Disulfide
Concen: 19.785 ppbv
RT: 4.52 min Scan# 539
Delta R.T. 0.00 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Instrument :
MSVOA_L
ClientSampleId :
LAGCARB-IN-01DLDUP

Tgt Ion: 76 Resp: 3145179

Ion	Ratio	Lower	Upper
76	100		
44	19.4	14.8	22.2
78	9.6	7.8	11.8

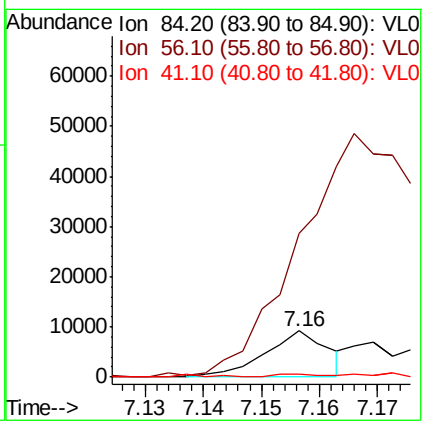


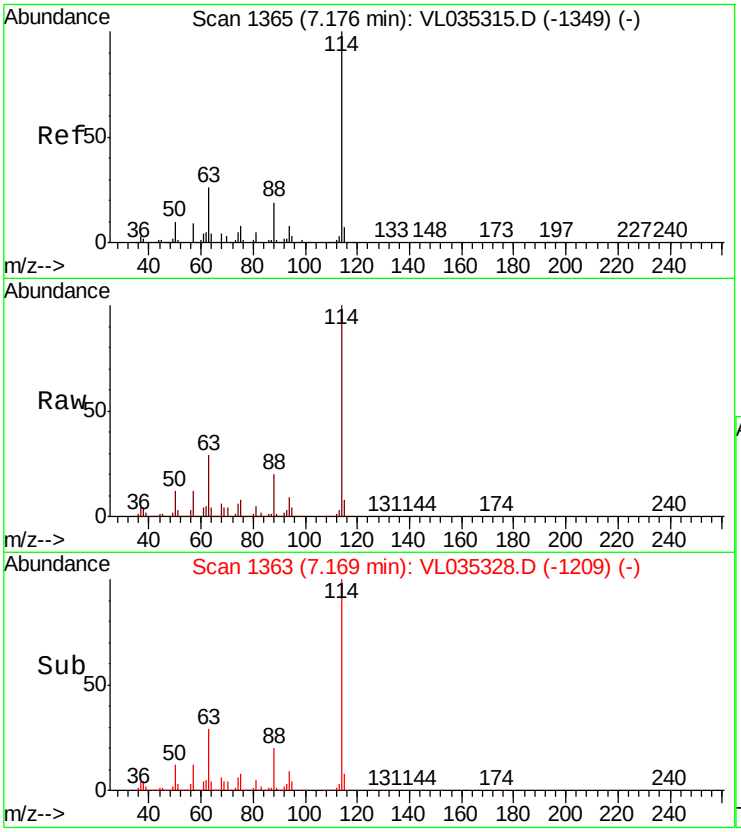


#30
Cyclohexane
Concen: 0.078 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.03 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Tgt Ion: 84 Resp: 6905

Ion	Ratio	Lower	Upper
84	100		
56	0.0	103.0	154.6#
41	0.0	62.7	94.1#



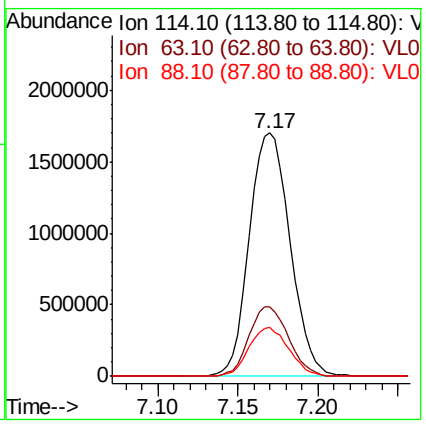


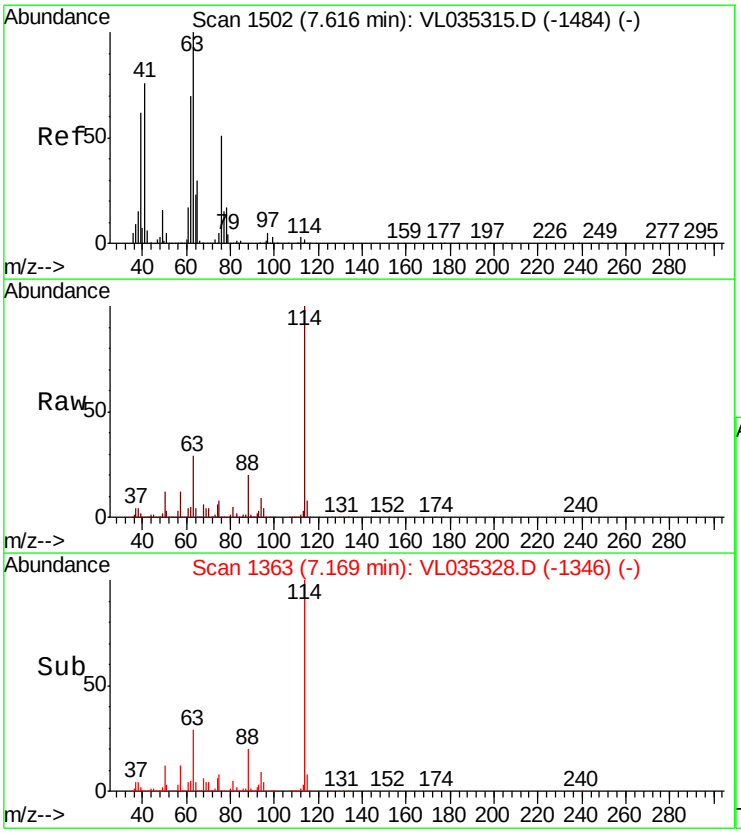
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Instrument :
MSVOA_L
ClientSampleId :
LAGCARB-IN-01DLDUP

Tgt Ion:114 Resp: 2992012

Ion	Ratio	Lower	Upper
114	100		
63	27.9	21.5	32.3
88	19.8	15.3	22.9

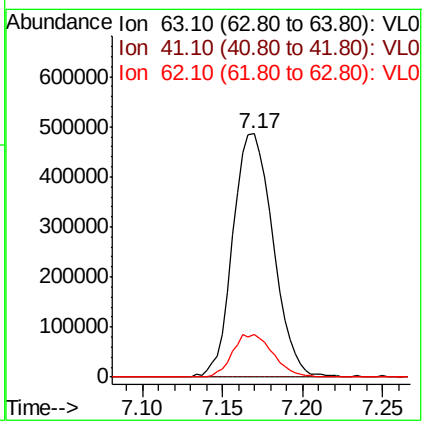


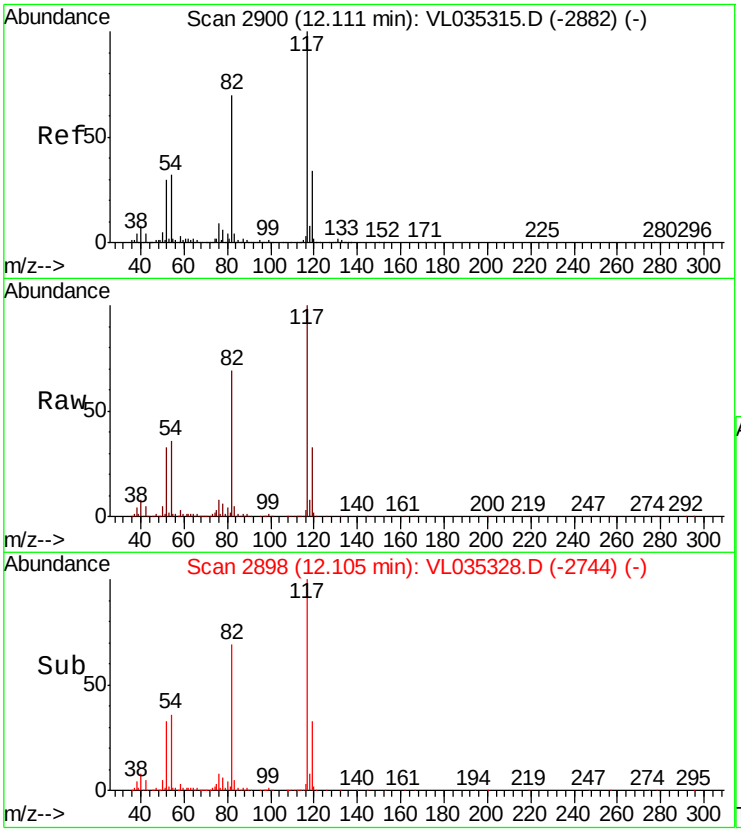


#39
1,2-Dichloropropane
Concen: 9.645 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Tgt Ion: 63 Resp: 833755

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.0	91.4#
62	17.6	55.8	83.8#



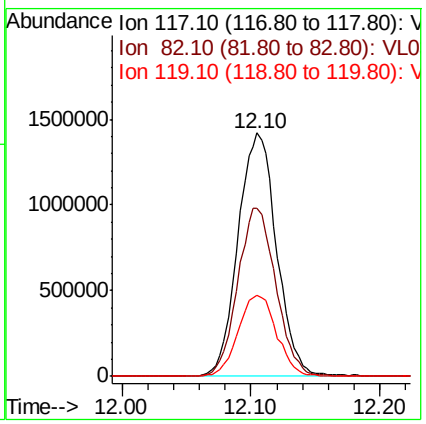


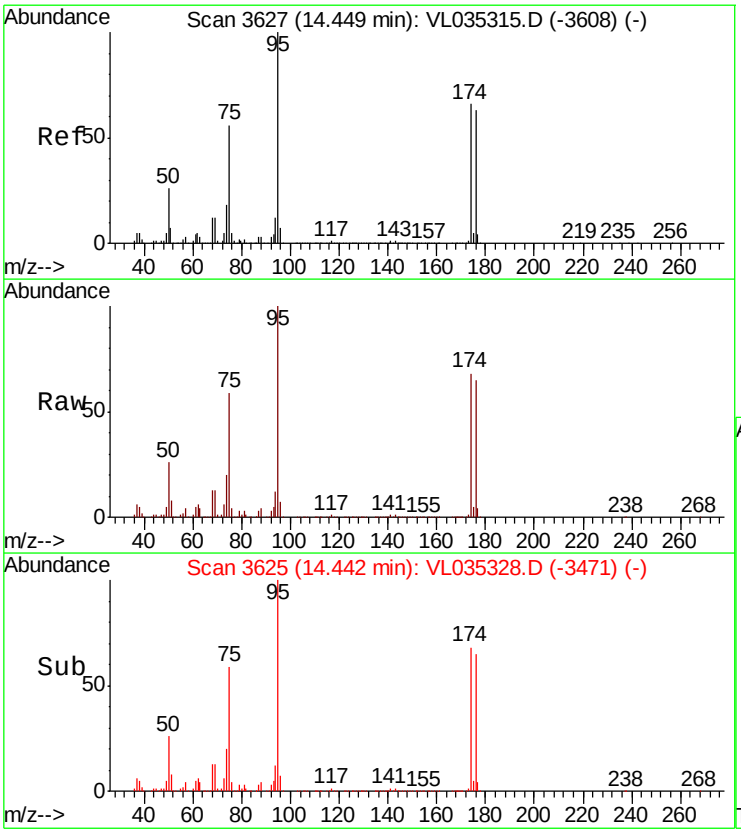
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Instrument : MSVOA_L
ClientSampleId : LAGCARB-IN-01DLDUP

Tgt Ion:117 Resp: 2947763

Ion	Ratio	Lower	Upper
117	100		
82	68.8	50.6	76.0
119	33.5	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.983 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL035328.D
Acq: 4 Aug 2020 00:50

Tgt Ion: 95 Resp: 2464990

Ion	Ratio	Lower	Upper
95	100		
174	66.5	52.5	78.7
175	4.9	3.9	5.9