Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071620\
Data File : VL035205.D
Acq On : 16 Jul 2020 22:21
Operator : SY/AP
Sample : L3318-01DUPDL 1200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : PERM-02DLDUP

Quant Time: Jul 17 04:11:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1009203	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2459009	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	2291147	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	1890622	10.16	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%			
Target Compounds						Qvalue
5) Vinyl Chloride	2.96	62	16220	0.242	ppbv #	53
9) Propene	2.95	41	3275	0.078	ppbv #	35
13) Ethanol	3.56	45	1863	0.139	ppbv #	35
15) Acetone	3.83	43	30505	0.223	ppbv #	70
20) Methylene Chloride	4.30	84	18678	0.314	ppbv #	81
27) Carbon Disulfide	4.51	76	8078007	61.879	ppbv #	89
39) 1,2-Dichloropropane	7.15	63	678123	9.581	ppbv #	23

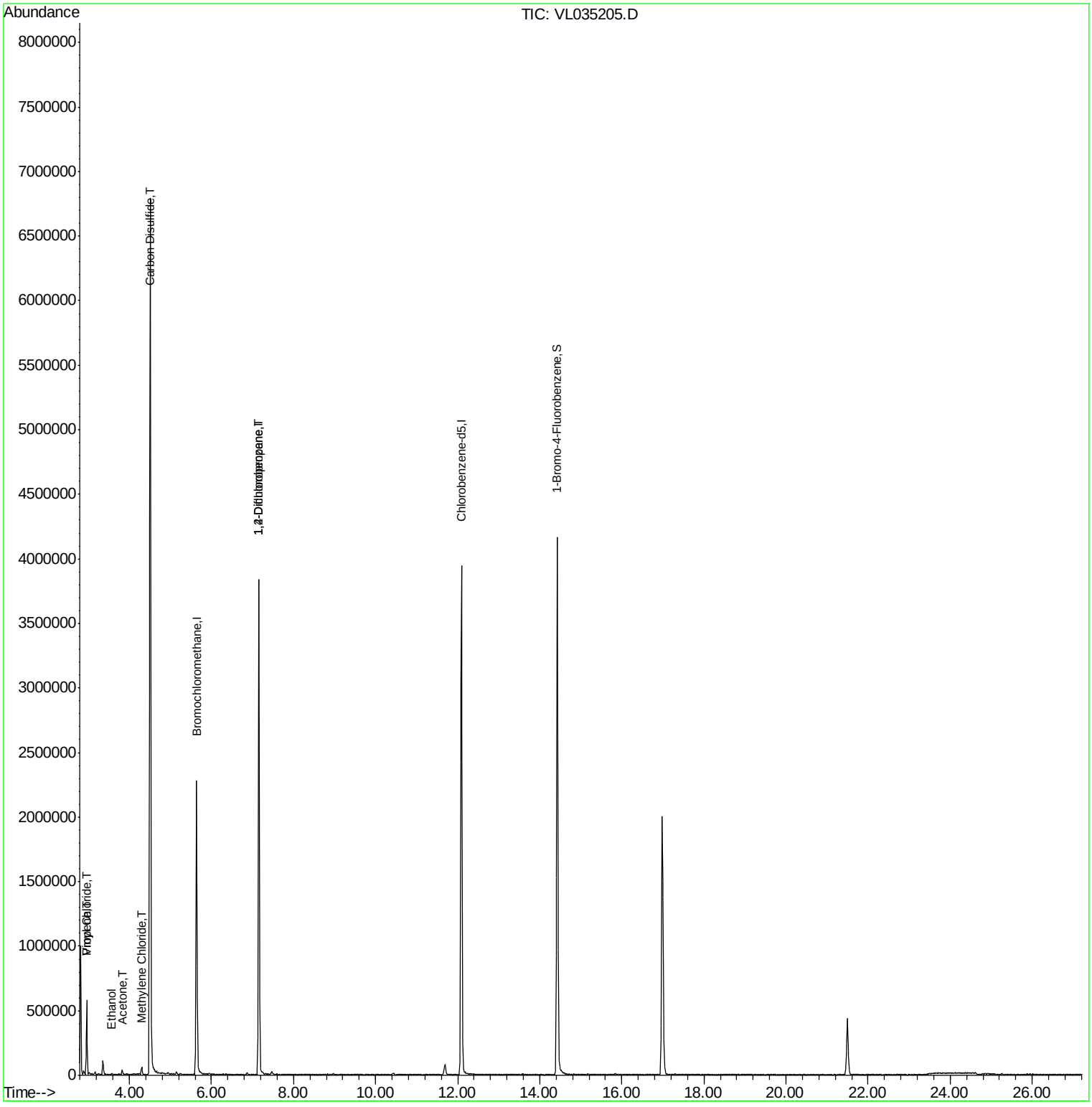
(#) = qualifier out of range (m) = manual integration (+) = signals summed

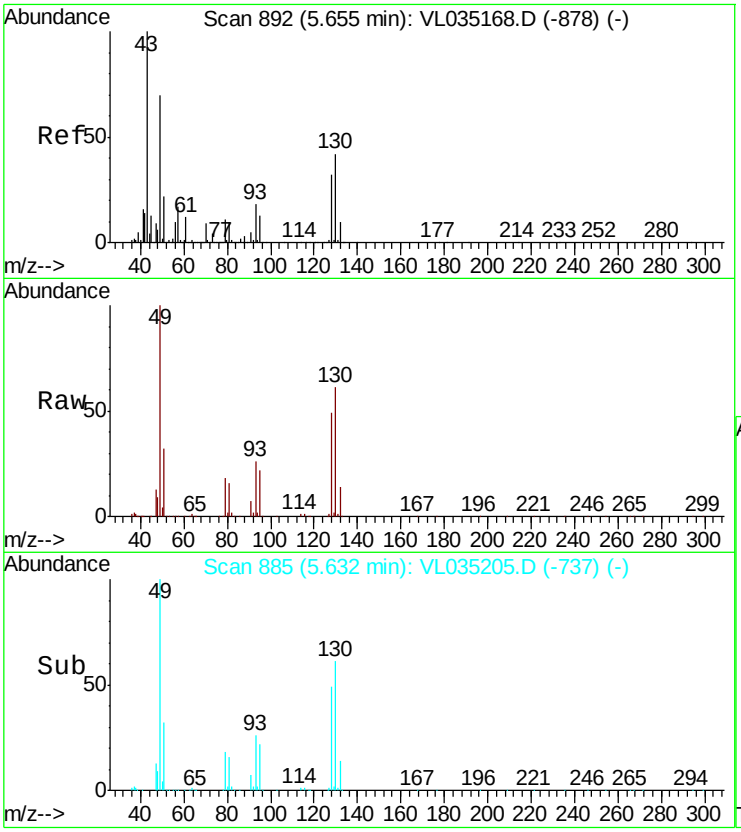
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071620\
Data File : VL035205.D
Acq On : 16 Jul 2020 22:21
Operator : SY/AP
Sample : L3318-01DUPDL 1200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
PERM-02DLDUP

Quant Time: Jul 17 04:11:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration



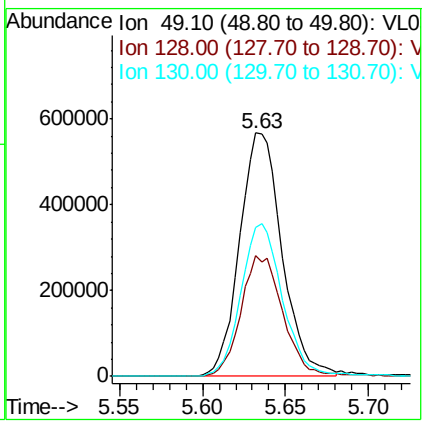


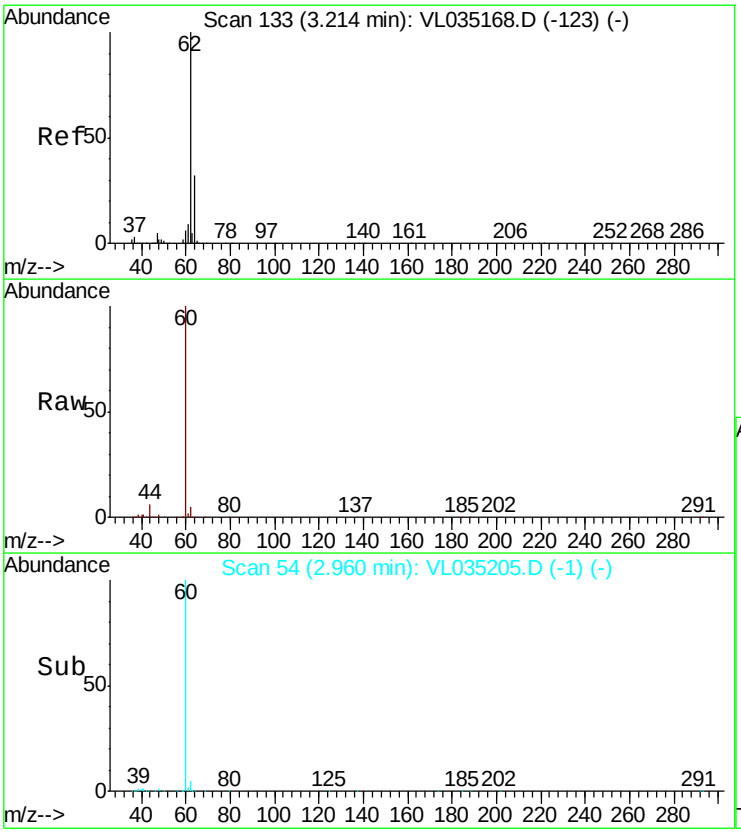
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63 min Scan# 885
Delta R.T. -0.02 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Instrument :
MSVOA_L
ClientSampleId :
PERM-02DLDUP

Tgt Ion: 49 Resp: 1009203

Ion	Ratio	Lower	Upper
49	100		
128	49.3	23.8	71.4
130	61.6	29.9	89.8

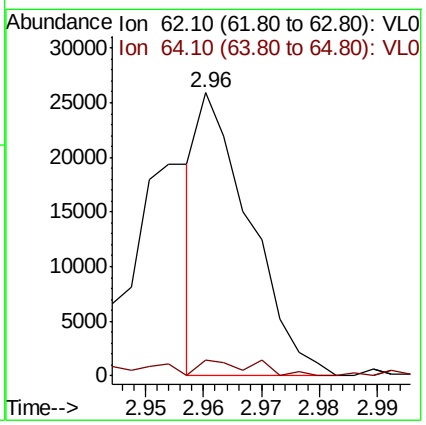


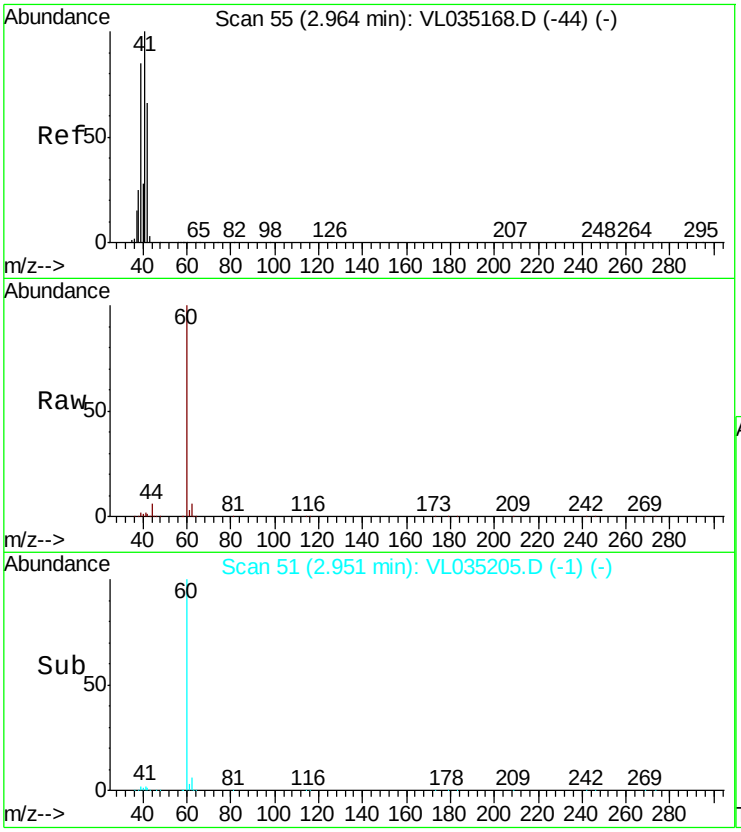


#5
Vinyl Chloride
Concen: 0.242 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.25 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Tgt Ion: 62 Resp: 16220

Ion	Ratio	Lower	Upper
62	100		
64	5.8	25.9	38.9#



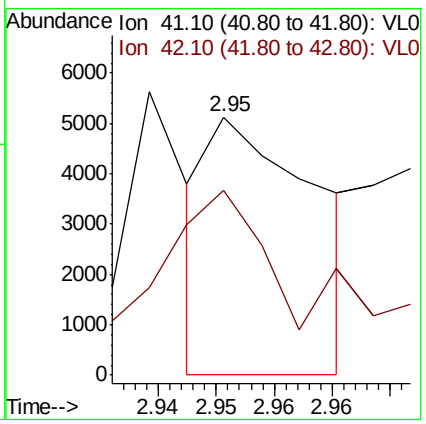


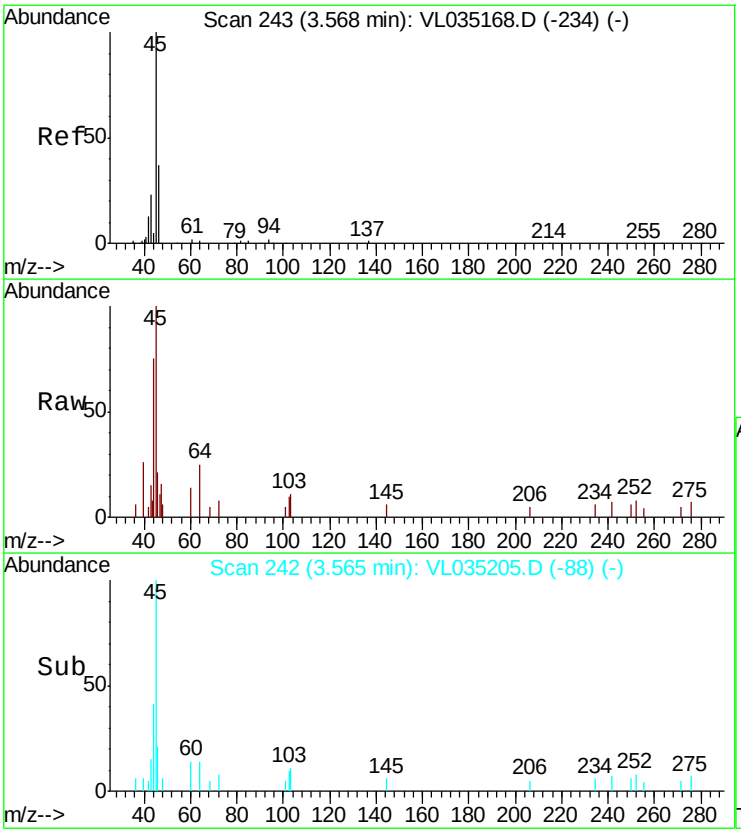
#9
Propene
Concen: 0.078 ppbv
RT: 2.95 min Scan# 51
Delta R.T. -0.01 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Instrument :
MSVOA_L
ClientSampleId :
PERM-02DLDUP

Tgt Ion: 41 Resp: 3275

Ion	Ratio	Lower	Upper
41	100		
42	120.9	54.6	81.8#

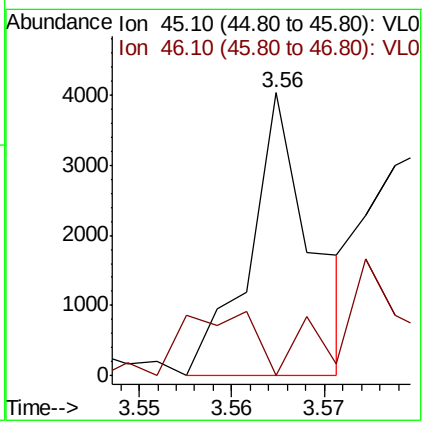


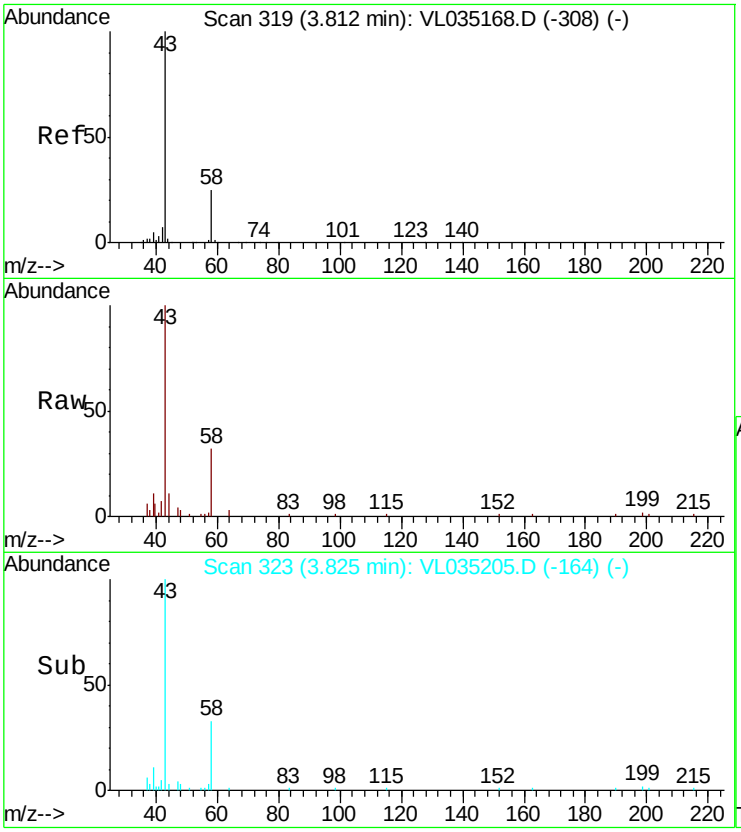


#13
Ethanol
Concen: 0.139 ppbv
RT: 3.56 min Scan# 242
Delta R.T. -0.00 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Tgt Ion: 45 Resp: 1863

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	65.0#



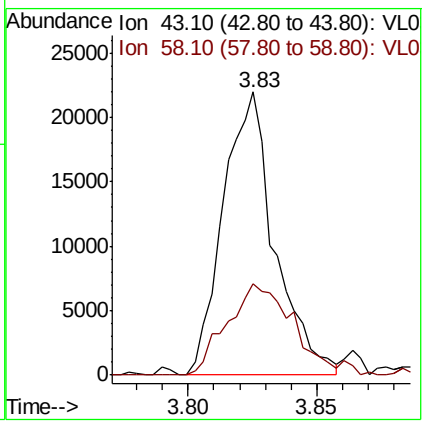


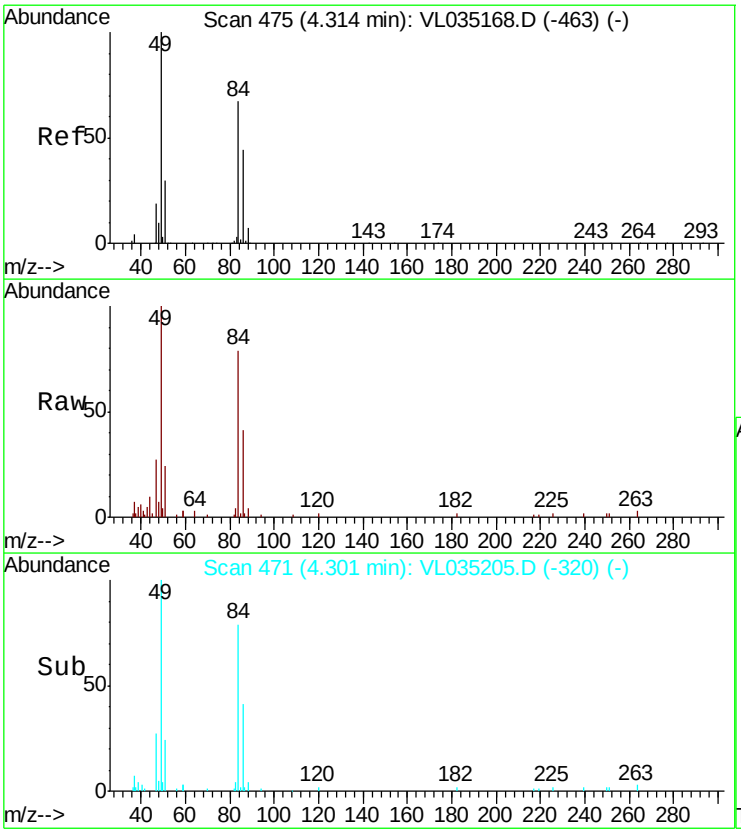
#15
Acetone
Concen: 0.223 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.01 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Instrument : MSVOA_L
ClientSampleId : PERM-02DLDUP

Tgt Ion: 43 Resp: 30505

Ion	Ratio	Lower	Upper
43	100		
58	42.0	21.3	31.9#

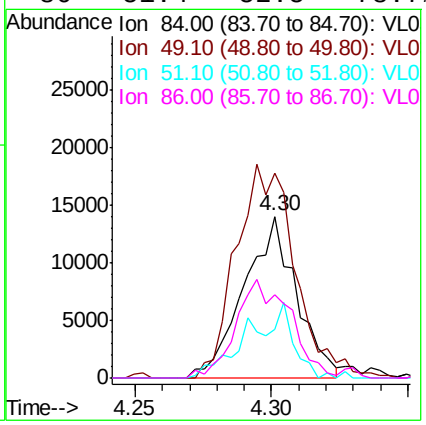


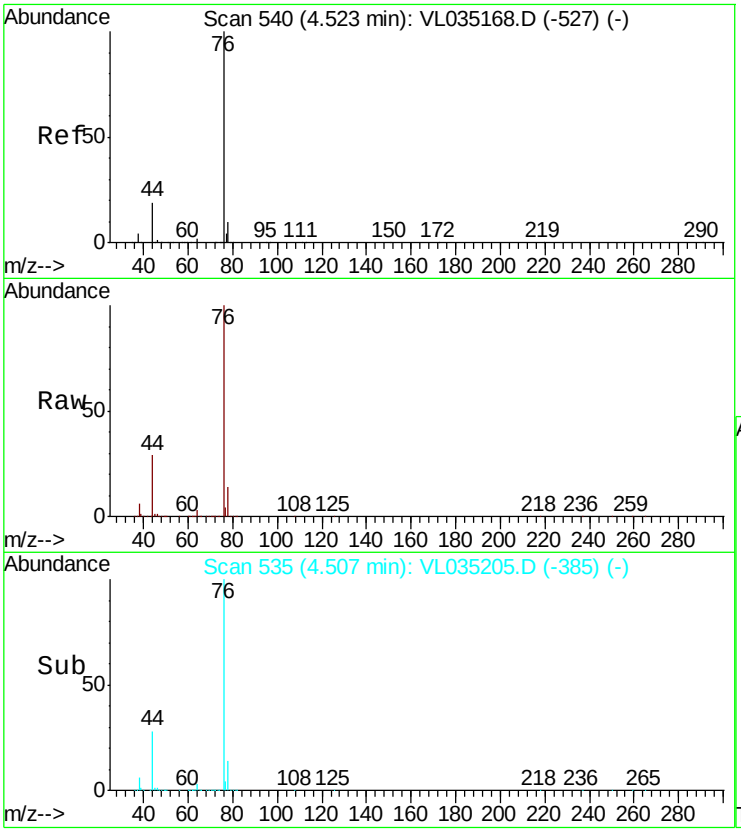


#20
Methylene Chloride
Concen: 0.314 ppbv
RT: 4.30 min Scan# 471
Delta R.T. -0.01 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Tgt Ion: 84 Resp: 18678

Ion	Ratio	Lower	Upper
84	100		
49	126.3	119.4	179.0
51	30.3	36.6	55.0#
86	51.4	52.5	78.7#



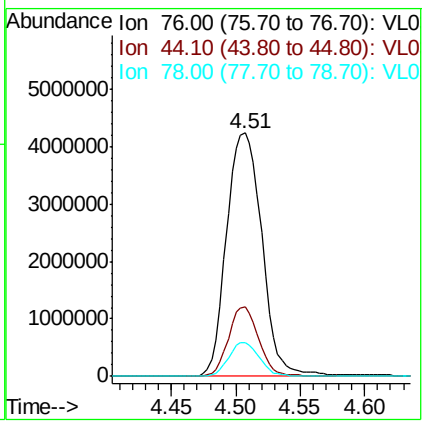


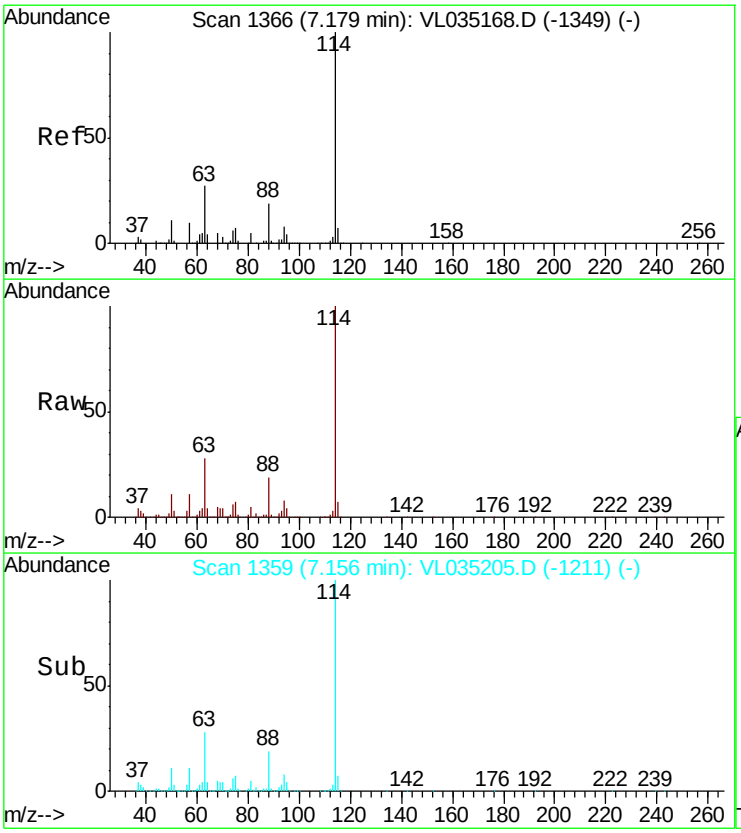
#27
Carbon Disulfide
Concen: 61.879 ppbv
RT: 4.51 min Scan# 535
Delta R.T. -0.02 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Instrument :
MSVOA_L
ClientSampleId :
PERM-02DLDUP

Tgt Ion: 76 Resp: 8078007

Ion	Ratio	Lower	Upper
76	100		
44	24.5	14.9	22.3#
78	12.3	7.5	11.3#

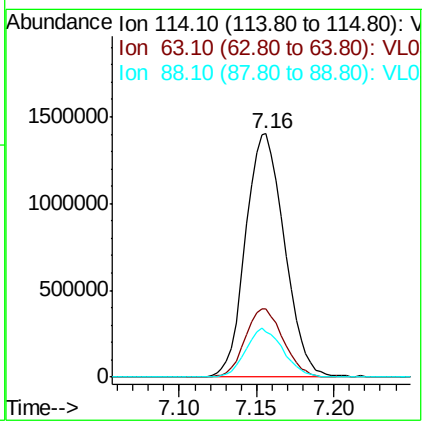


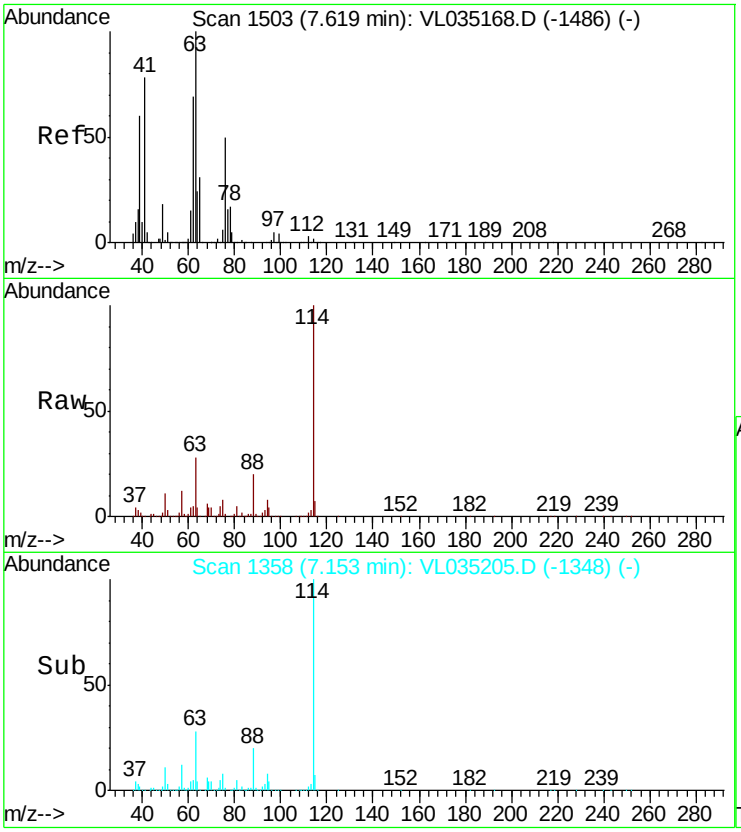


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Tgt Ion:114 Resp: 2459009

Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.0	33.0
88	19.3	15.4	23.0



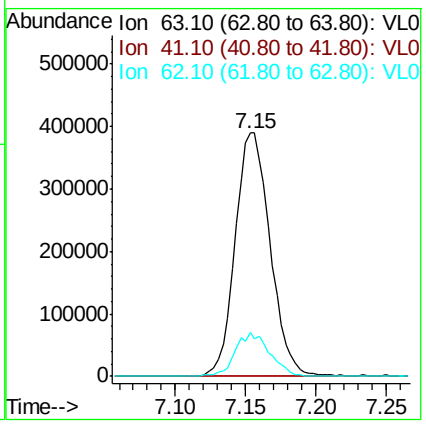


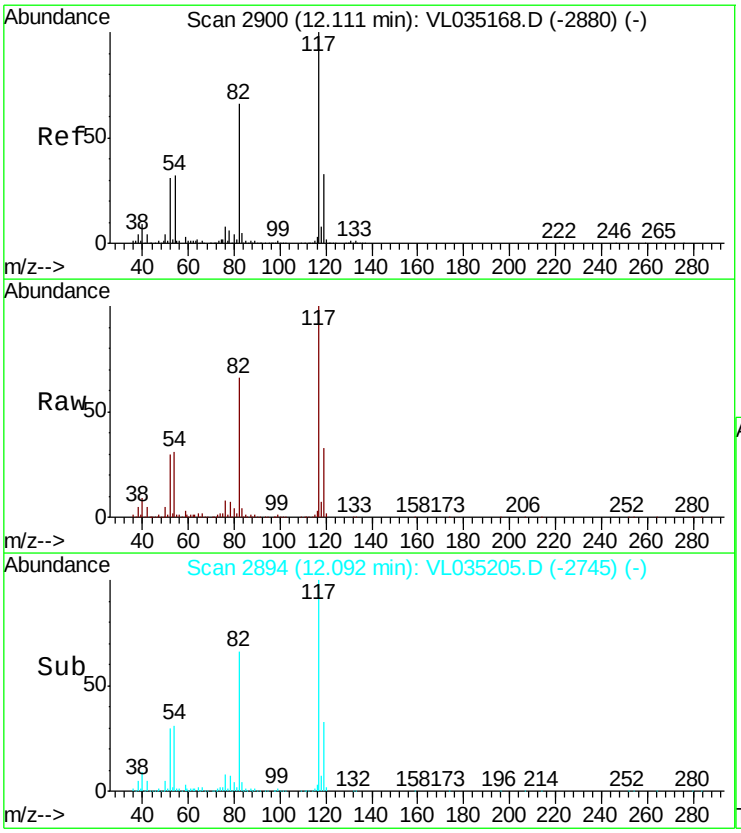
#39
1,2-Dichloropropane
Concen: 9.581 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.47 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Instrument :
MSVOA_L
ClientSampleId :
PERM-02DLDUP

Tgt Ion: 63 Resp: 678123

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.6	94.0#
62	18.0	55.0	82.6#

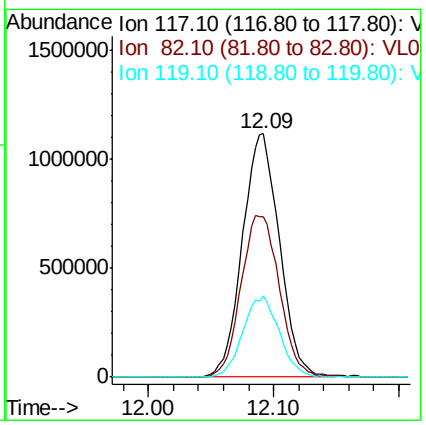


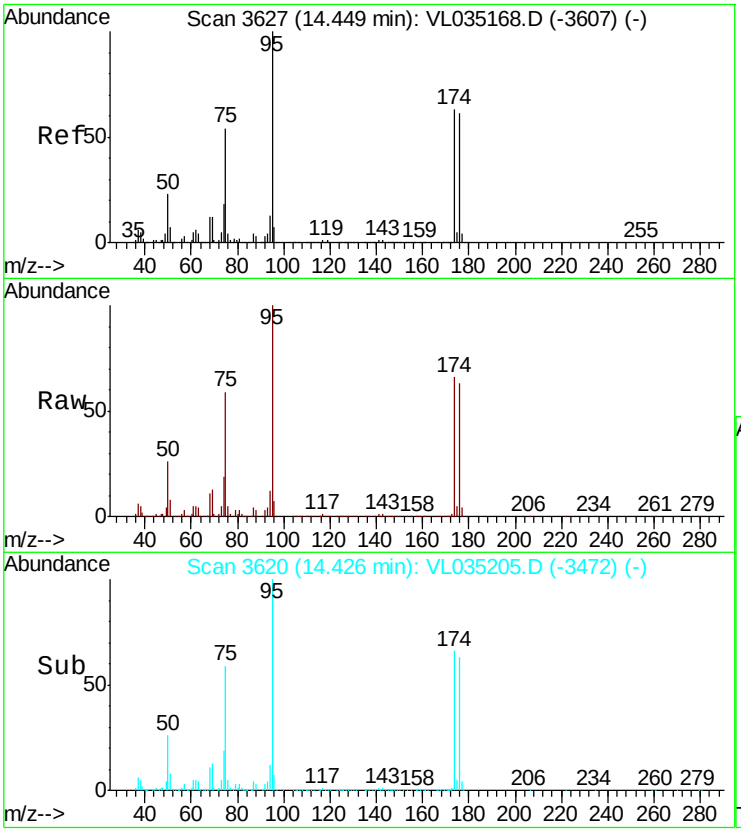


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.02 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Tgt Ion:117 Resp: 2291147

Ion	Ratio	Lower	Upper
117	100		
82	68.9	52.3	78.5
119	32.9	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.158 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.02 min
Lab File: VL035205.D
Acq: 16 Jul 2020 22:21

Instrument :
MSVOA_L
ClientSampleId :
PERM-02DLDUP

Tgt Ion: 95 Resp: 1890622

Ion	Ratio	Lower	Upper
95	100		
174	64.7	52.2	78.2
175	4.6	4.0	6.0