Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090321\
Data File : VL037527.D
Acq On : 3 Sep 2021 18:49
Operator : SY/AP
Sample : CAN 10588
Misc : 400mL/MSVOA_L
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10588

Quant Time: Sep 04 04:22:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1640124	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4827869	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	4231271	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3096287	10.30	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%			
Target Compounds						Qvalue
13) Ethanol	3.62	45	1329	0.122	ppbv #	39
20) Methylene Chloride	4.34	84	41750	0.500	ppbv	90
26) Hexane	5.68	57	16093	0.078	ppbv #	37
30) Cyclohexane	7.16	84	8080	0.047	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	1126402	7.223	ppbv #	28

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

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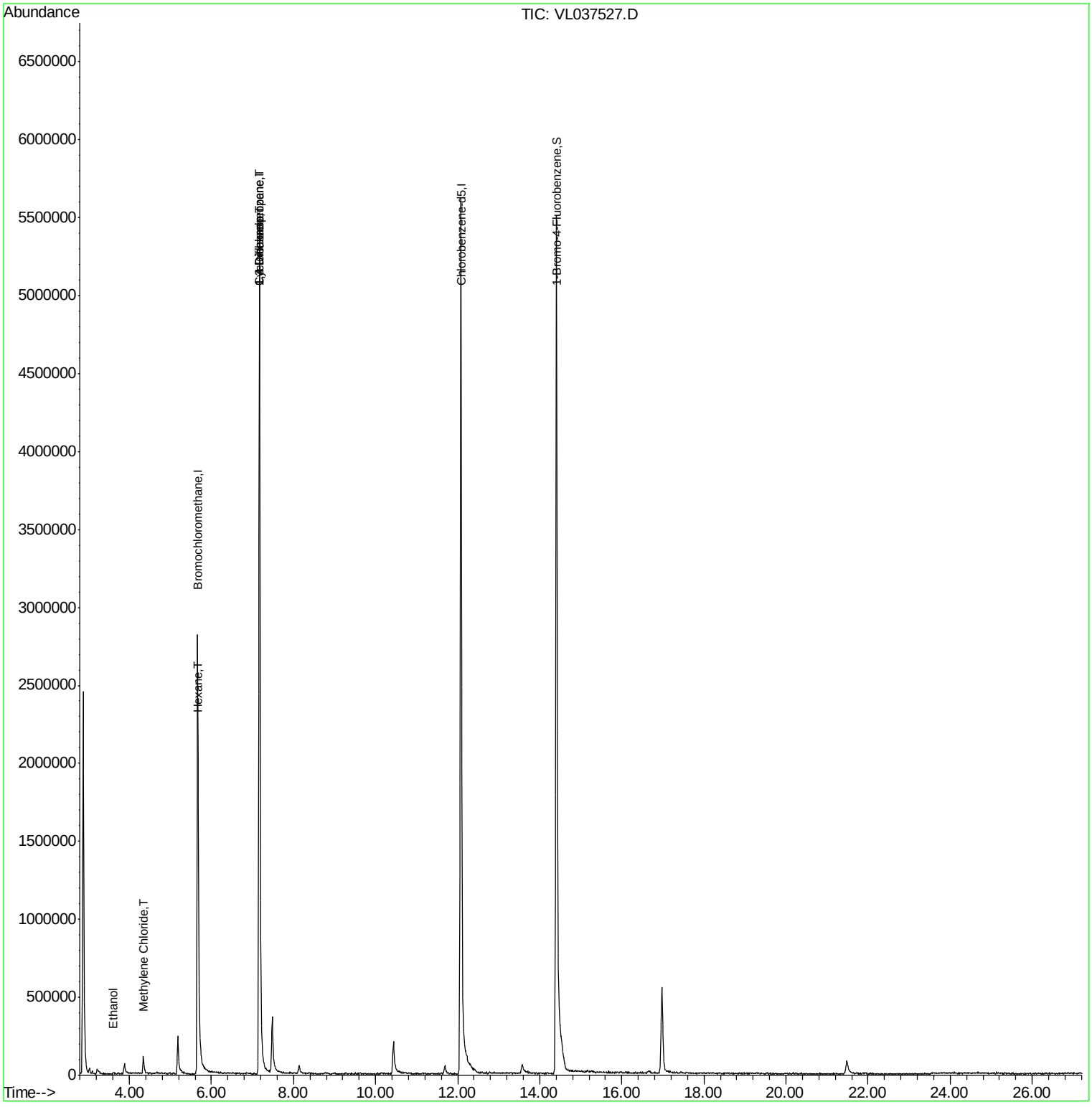
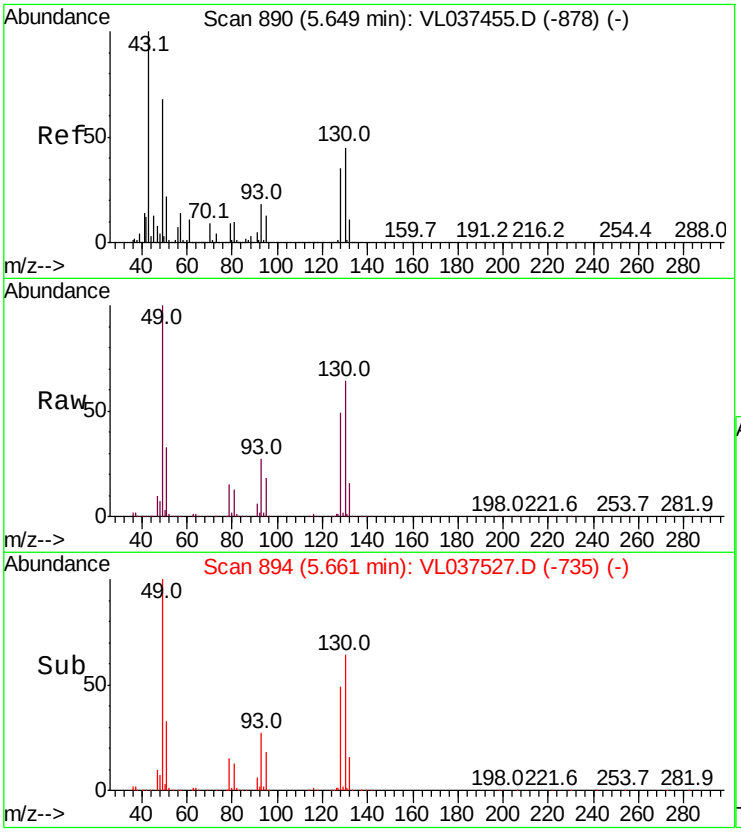


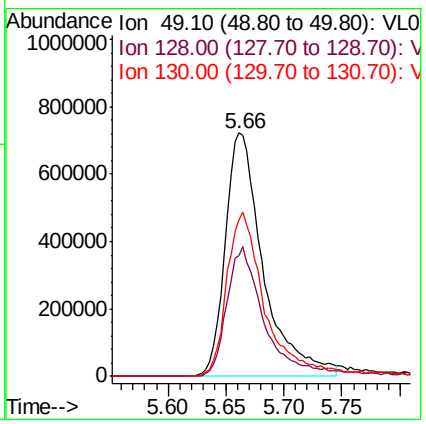


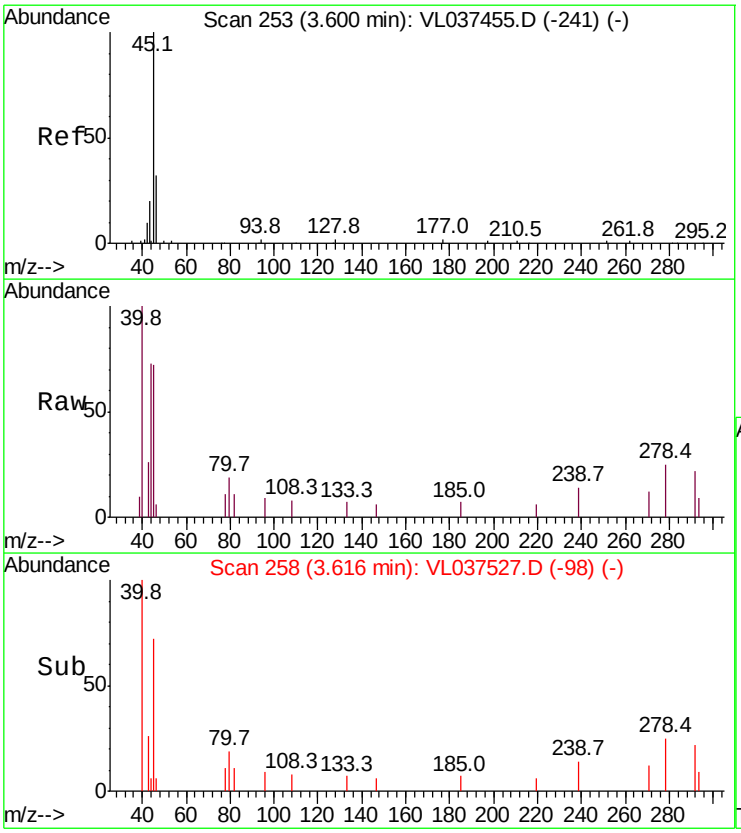
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.01 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Instrument :
MSVOA_L
ClientSampleId :
CAN 10588

Tgt Ion: 49 Resp: 1640124

Ion	Ratio	Lower	Upper
49	100		
128	54.6	27.5	82.4
130	69.4	34.0	101.8

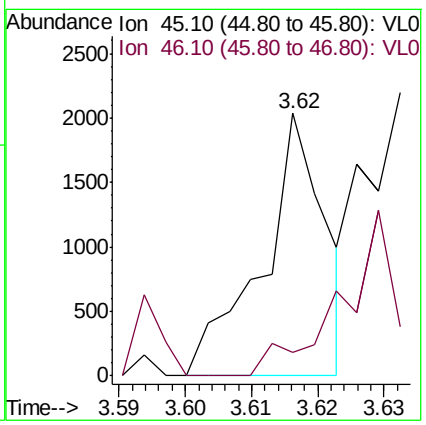


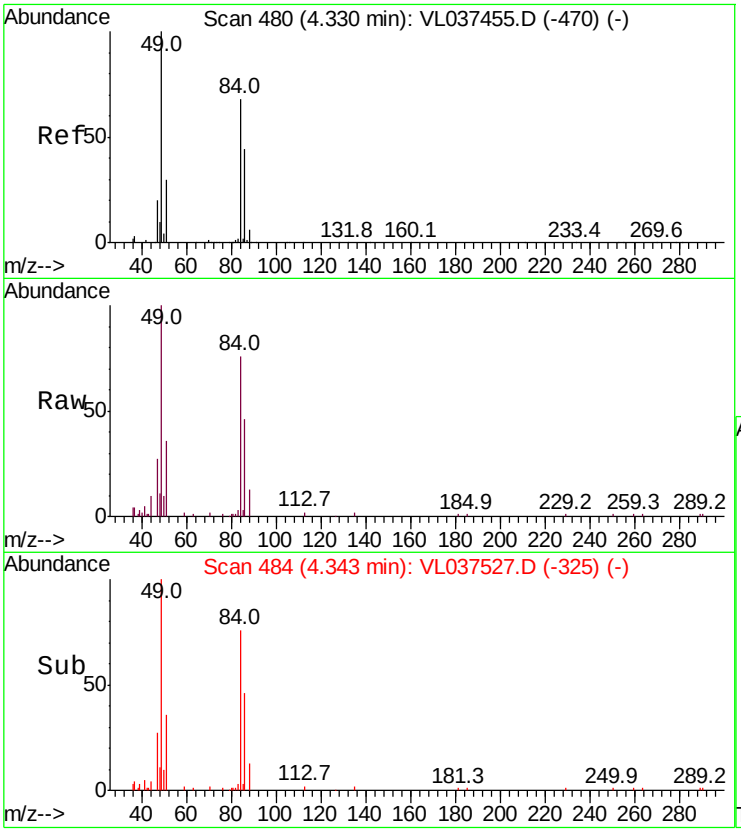


#13
Ethanol
Concen: 0.122 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.02 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Tgt Ion: 45 Resp: 1329

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.1	56.5#



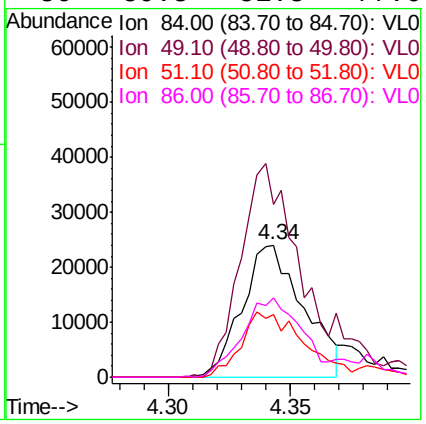


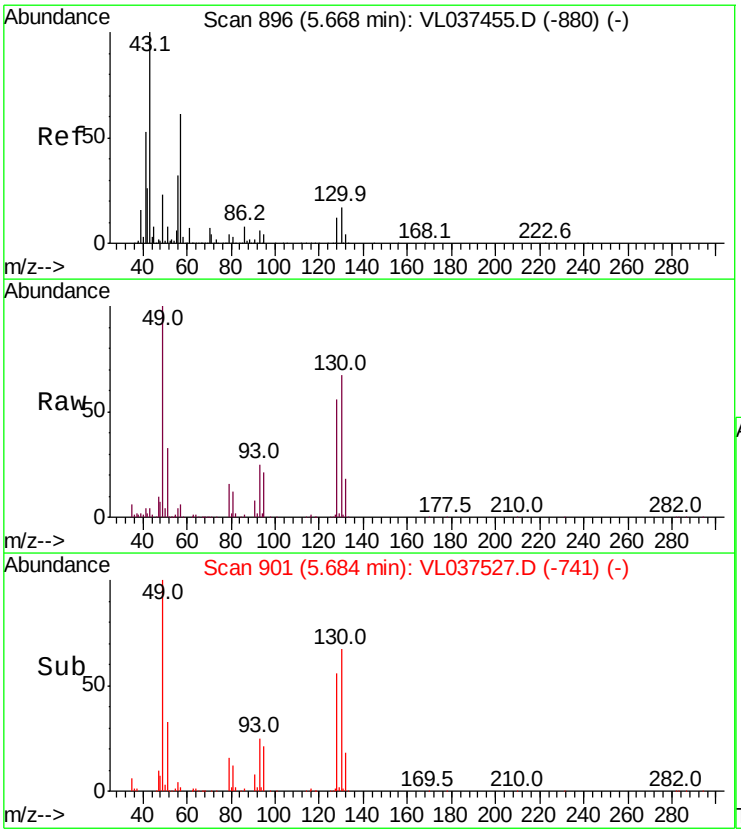
#20
Methylene Chloride
Concen: 0.500 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Instrument : MSVOA_L
ClientSampleId : CAN 10588

Tgt Ion: 84 Resp: 41750

Ion	Ratio	Lower	Upper
84	100		
49	130.2	118.2	177.2
51	47.3	36.6	55.0
86	59.3	51.8	77.6

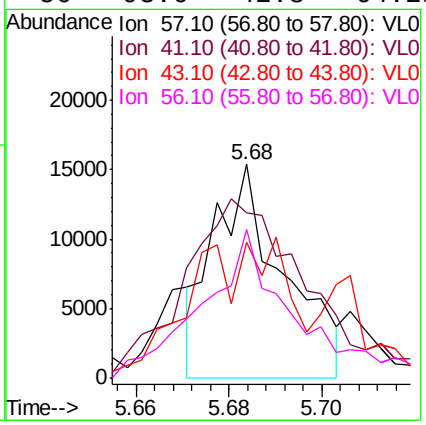


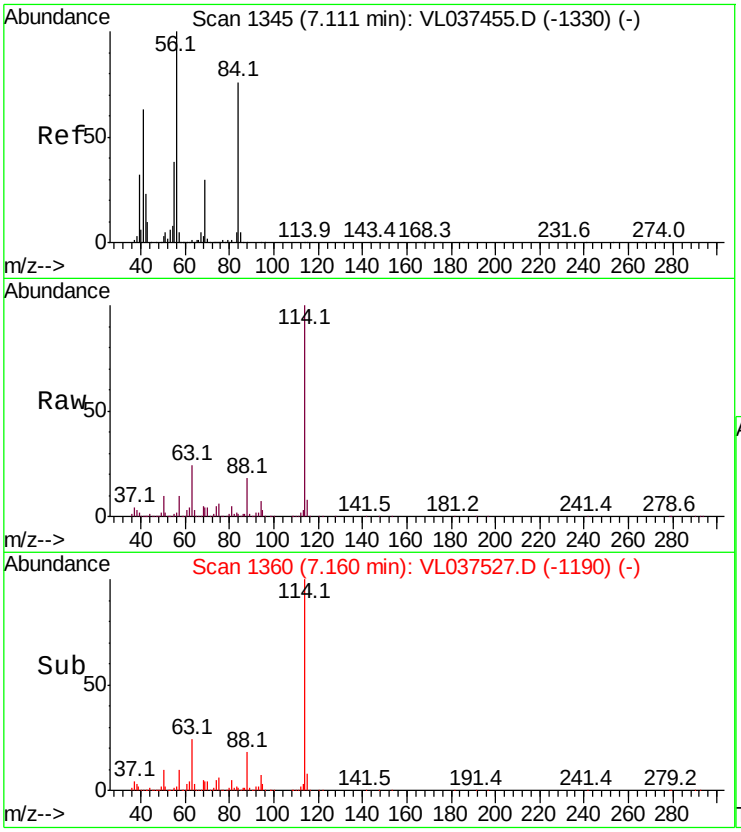


#26
Hexane
Concen: 0.078 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Tgt Ion: 57 Resp: 16093

Ion	Ratio	Lower	Upper
57	100		
41	180.2	72.3	108.5#
43	133.8	172.3	258.5#
56	93.6	42.8	64.2#



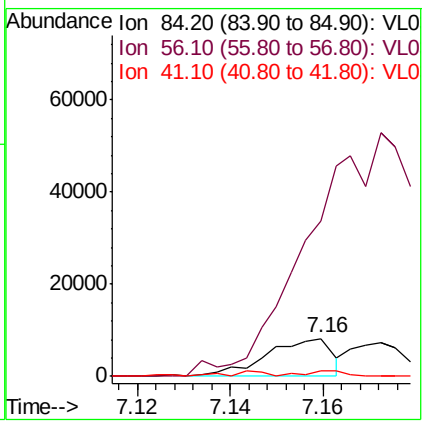


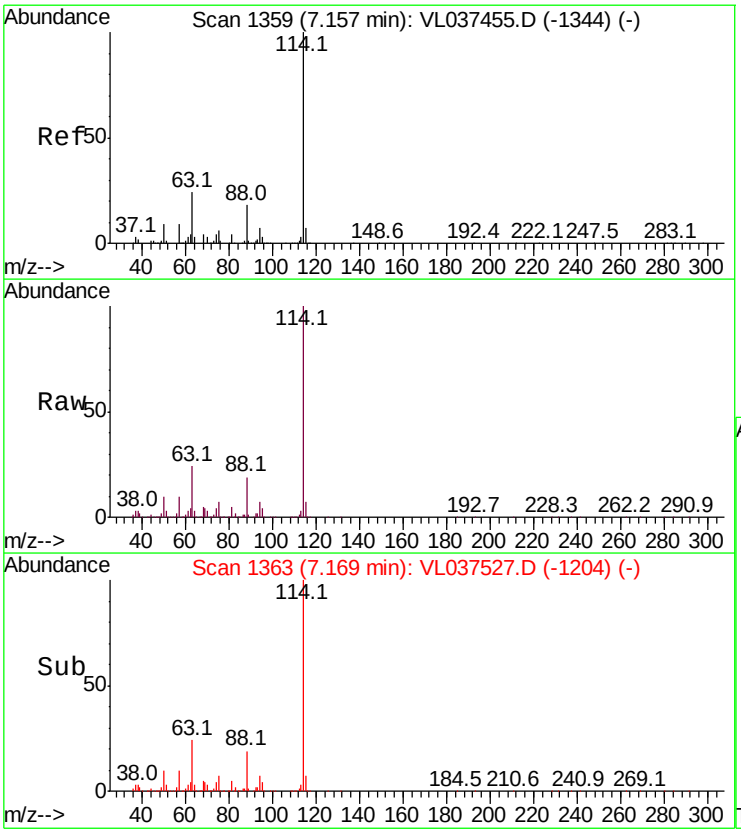
#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.05 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Instrument : MSVOA_L
ClientSampleId : CAN 10588

Tgt Ion: 84 Resp: 8080

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	0.0	67.0	100.6#

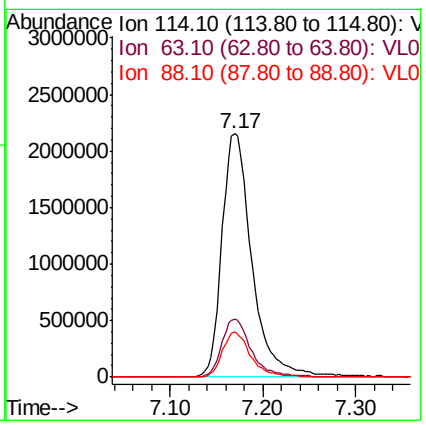


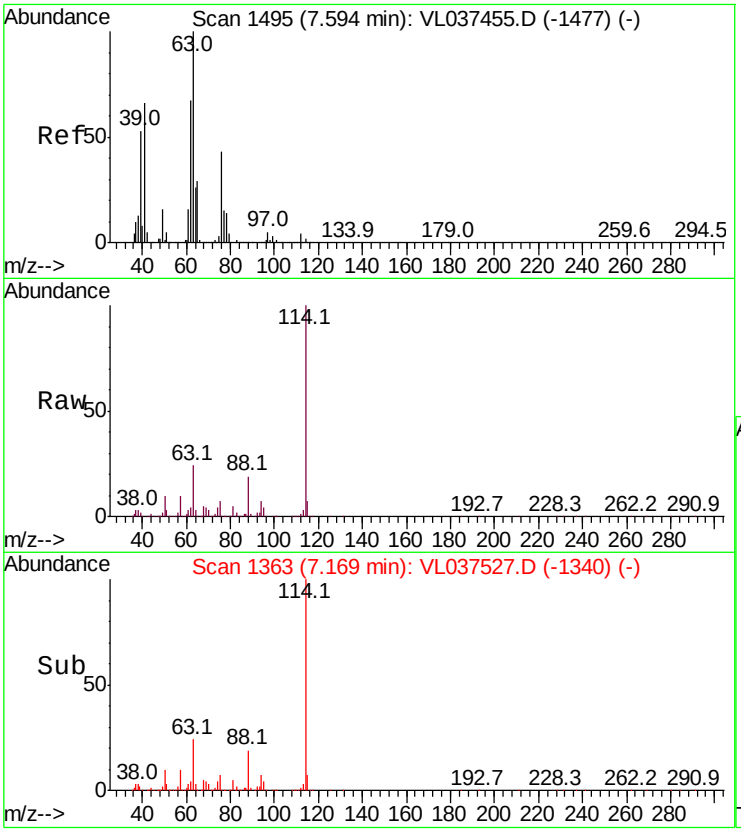


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Tgt Ion:114 Resp: 4827869

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.3	28.9
88	17.9	14.2	21.4



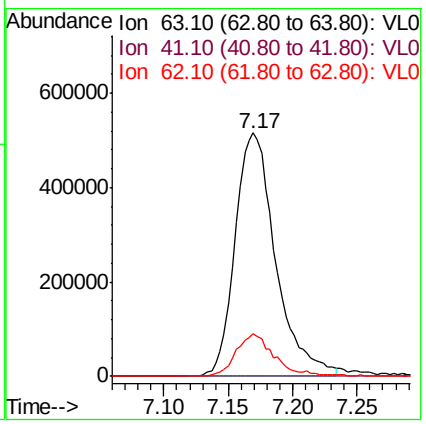


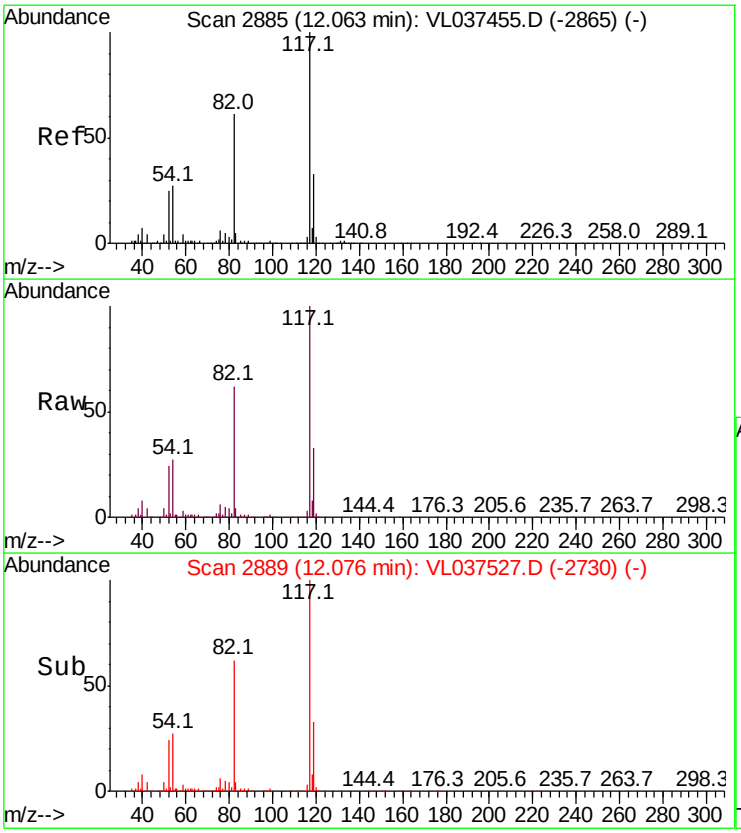
#39
1,2-Dichloropropane
Concen: 7.223 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.42 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Instrument :
MSVOA_L
ClientSampleId :
CAN 10588

Tgt Ion: 63 Resp: 1126402

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	17.6	53.6	80.4#

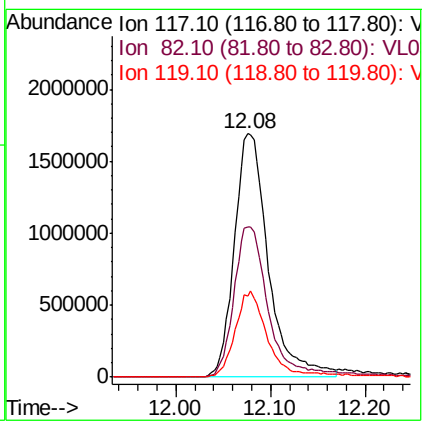


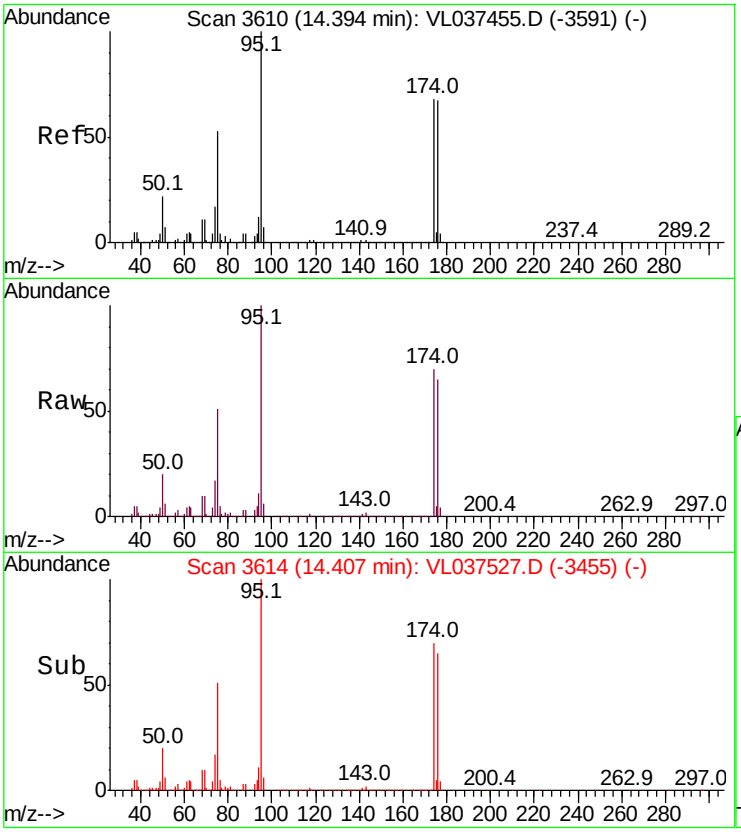


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.01 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Tgt Ion:117 Resp: 4231271

Ion	Ratio	Lower	Upper
117	100		
82	64.5	52.9	79.3
119	34.2	24.8	37.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.300 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL037527.D
Acq: 3 Sep 2021 18:49

Instrument :
MSVOA_L
ClientSampleId :
CAN 10588

Tgt Ion: 95 Resp: 3096287

Ion	Ratio	Lower	Upper
95	100		
174	74.7	59.6	89.4
175	4.9	4.6	7.0