Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037726.D
Acq On : 29 Sep 2021 10:24
Operator : SY/AP
Sample : M3896-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Quant Time: Sep 29 22:21:47 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1304997	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	3906431	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3340612	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2399188	9.94	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.40%			
Target Compounds						Qvalue
9) Propene	3.01	41	3608	0.042	ppbv #	1
13) Ethanol	3.62	45	56227	6.620	ppbv	70
15) Acetone	3.86	43	197135	1.454	ppbv #	79
18) 1,1-Dichloroethene	4.29	96	3480	0.053	ppbv #	74
19) Isopropyl Alcohol	3.99	45	21438	0.291	ppbv #	89
20) Methylene Chloride	4.35	84	184868	2.856	ppbv	98
24) 1,1-Dichloroethane	5.00	63	7750	0.058	ppbv	98
25) Ethyl Acetate	5.69	43	175990	0.536	ppbv #	79
26) Hexane	5.69	57	229326	1.470	ppbv #	44
32) 1,1,1-Trichloroethane	6.51	97	14135	0.067	ppbv #	30
34) 2-Butanone	5.26	43	27268	0.172	ppbv #	51
39) 1,2-Dichloropropane	7.17	63	902598	7.234	ppbv #	28
41) Tetrahydrofuran	6.07	42	4920	0.066	ppbv #	36
51) 2-Hexanone	10.15	43	6259	0.070	ppbv #	44
53) Toluene	9.81	91	17763	0.049	ppbv #	27
60) o-Xylene	13.68	91	18282	0.050	ppbv #	30

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

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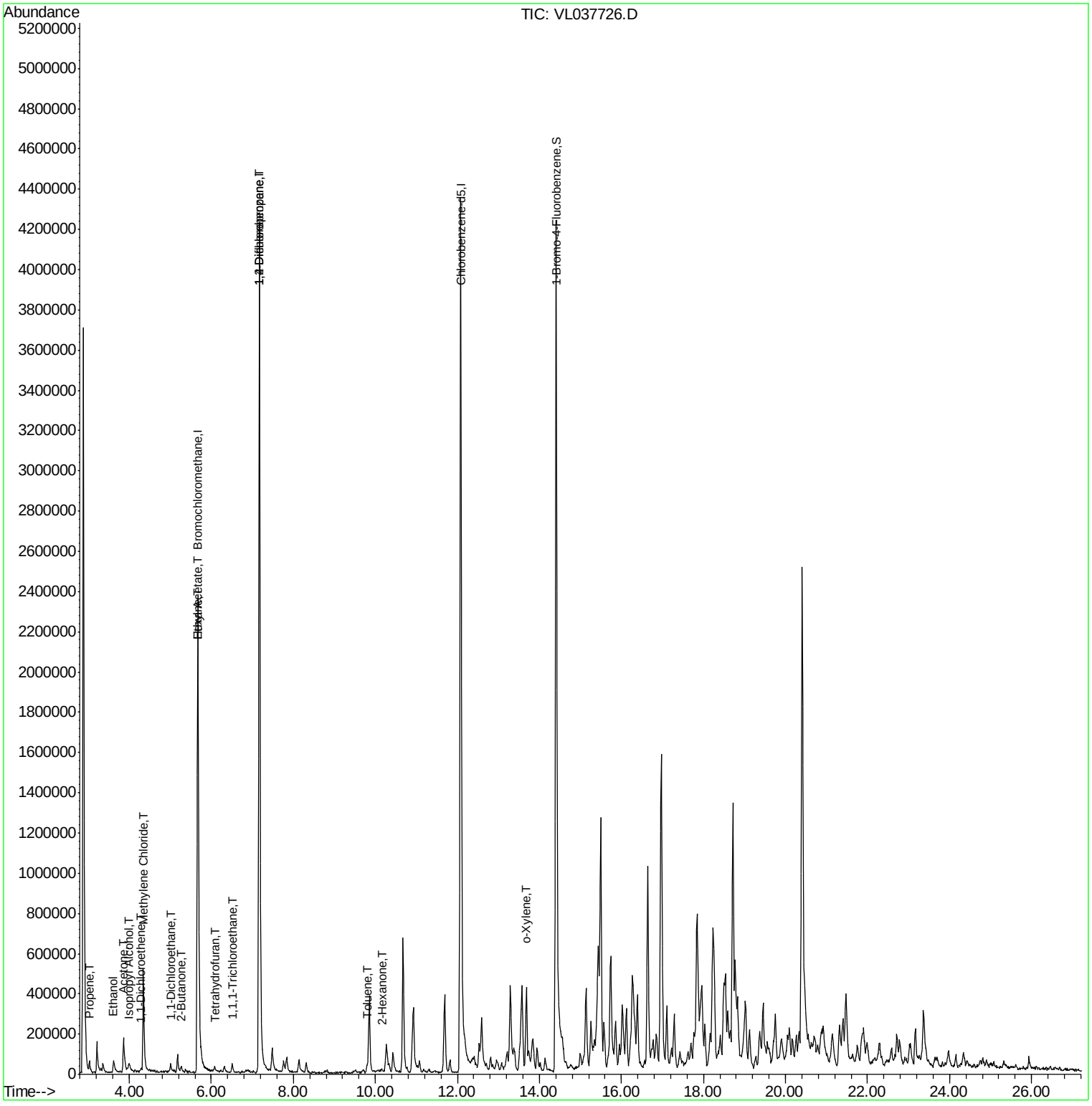
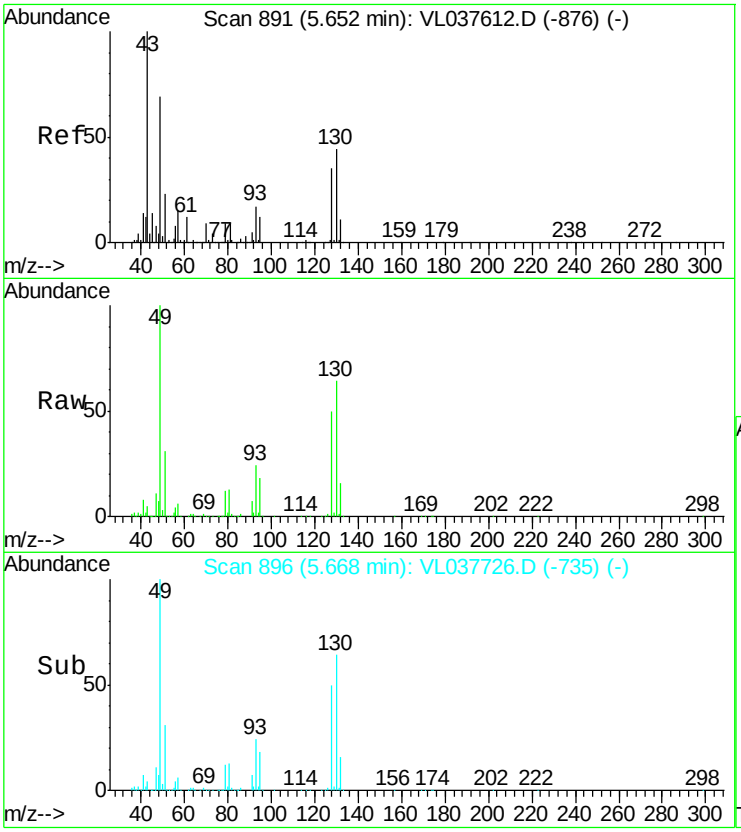
Response via : Initial Calibration



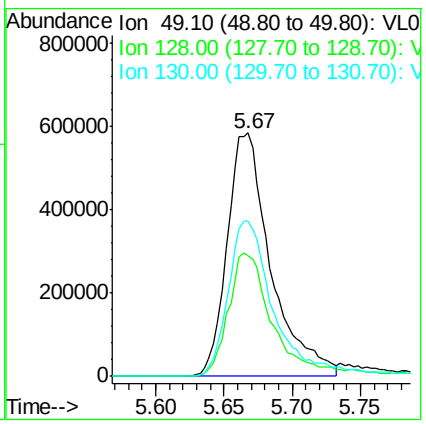


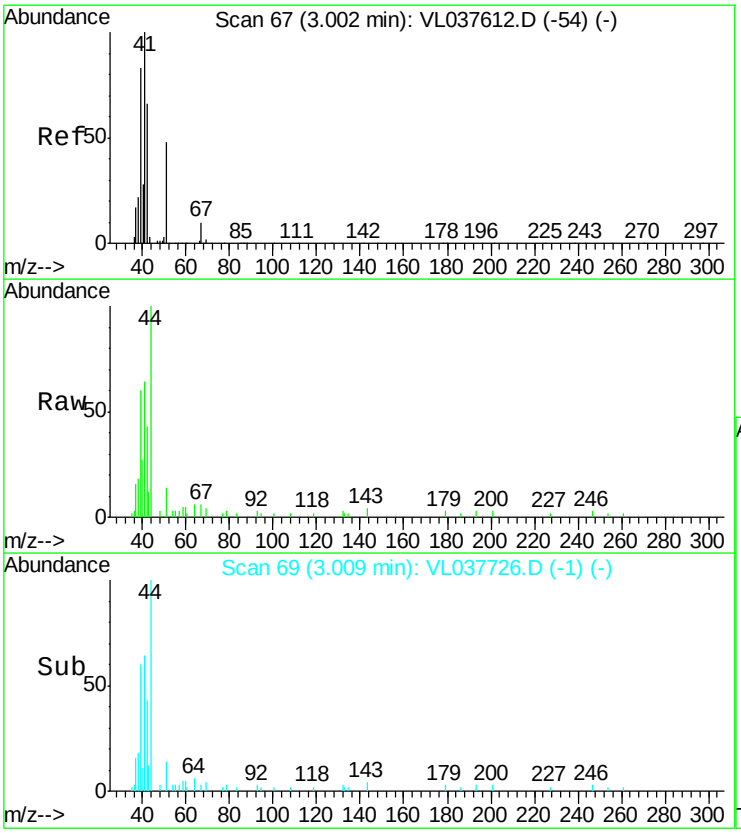
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 29 Sep 2021 10:24

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Tgt Ion: 49 Resp: 1304997

Ion	Ratio	Lower	Upper
49	100		
128	53.9	27.9	83.6
130	68.8	33.9	101.7

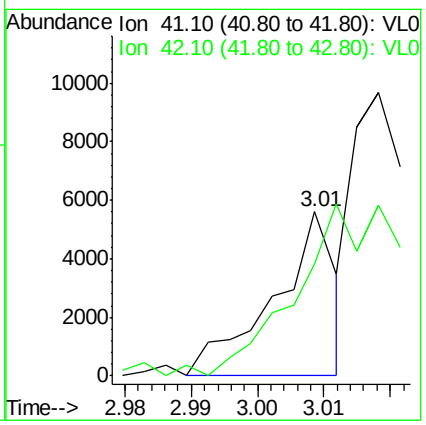


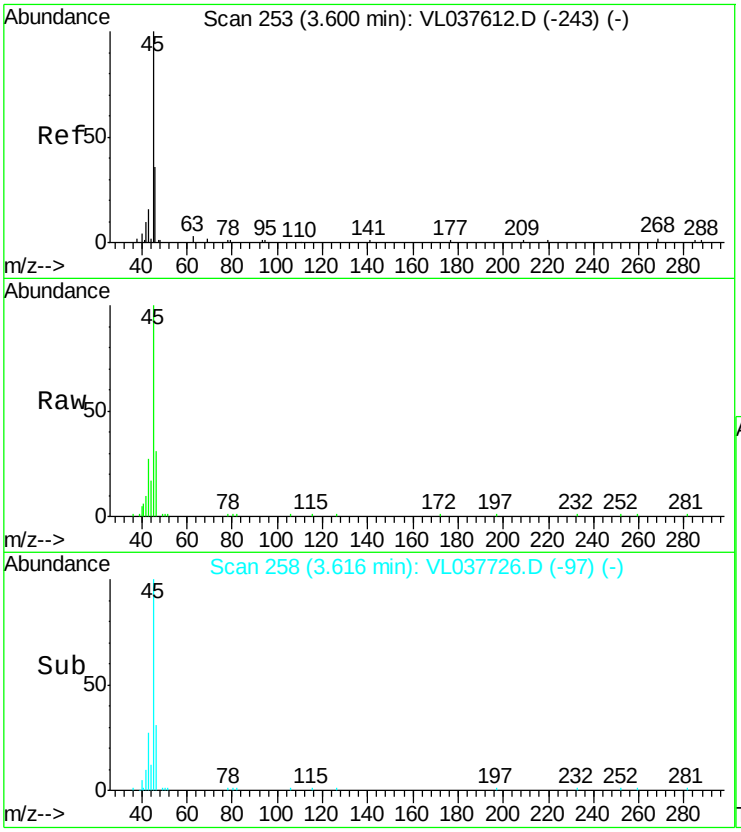


#9
Propene
Concen: 0.042 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.01 min
Lab File: VL037726.D
Acq: 29 Sep 2021 10:24

Tgt Ion: 41 Resp: 3608

Ion	Ratio	Lower	Upper
41	100		
42	326.0	57.2	85.8#



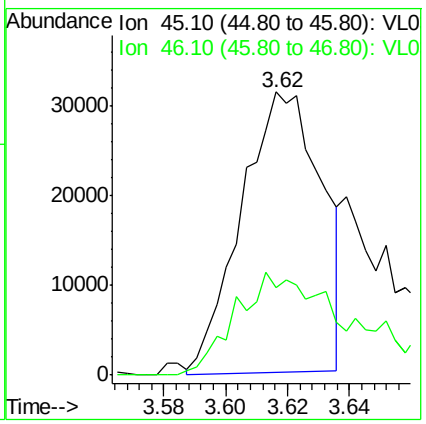


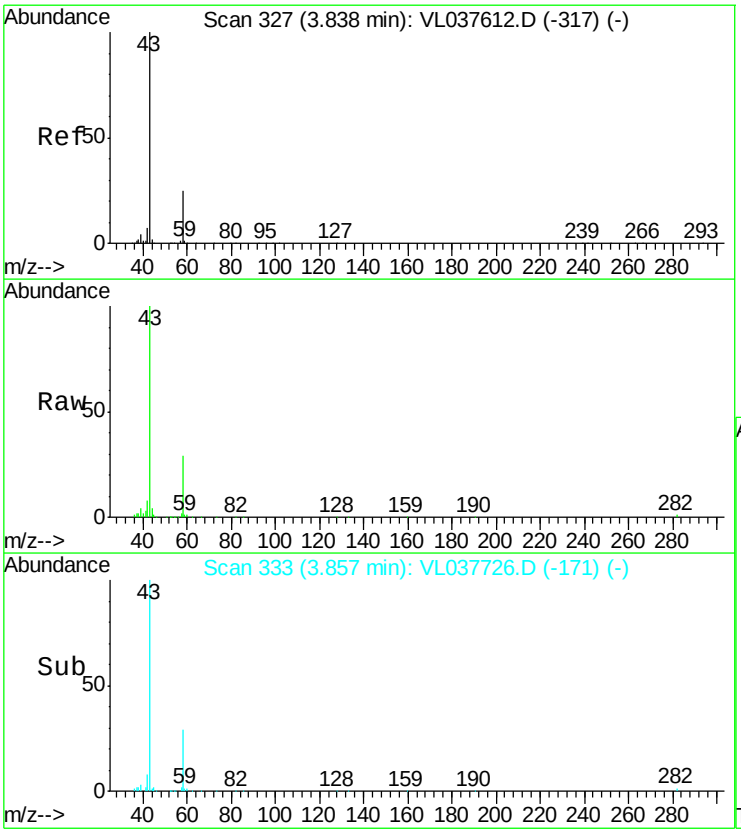
#13
Ethanol
Concen: 6.620 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 29 Sep 2021 10:24

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Tgt Ion: 45 Resp: 56227

Ion	Ratio	Lower	Upper
45	100		
46	62.3	17.2	68.8

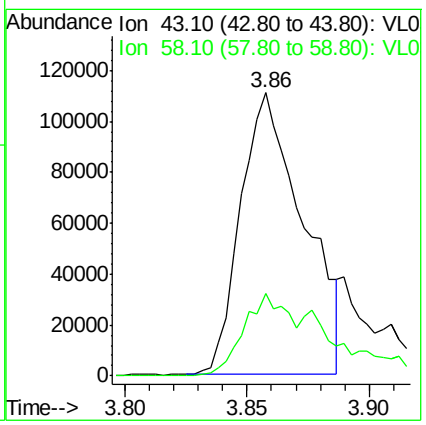


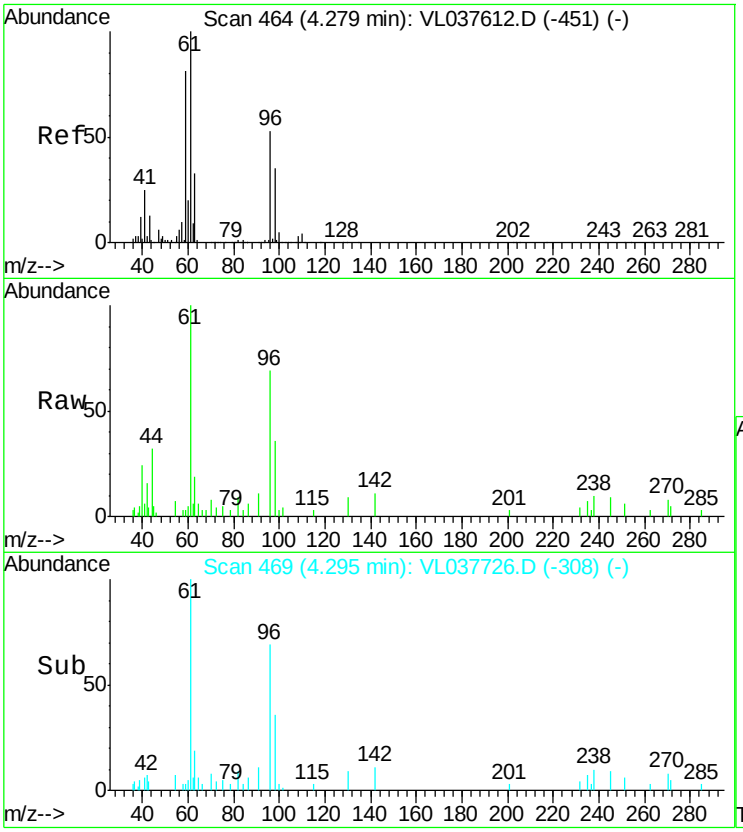


#15
Acetone
Concen: 1.454 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL037726.D
Acq: 29 Sep 2021 10:24

Tgt Ion: 43 Resp: 197135

Ion	Ratio	Lower	Upper
43	100		
58	42.8	24.9	37.3#



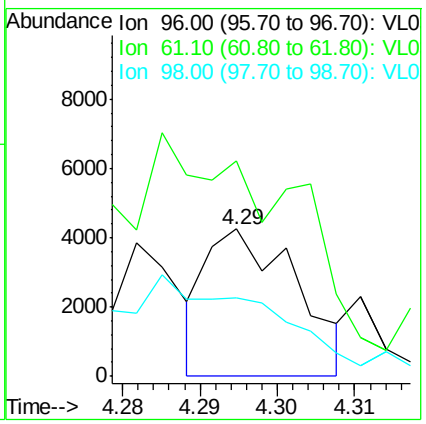


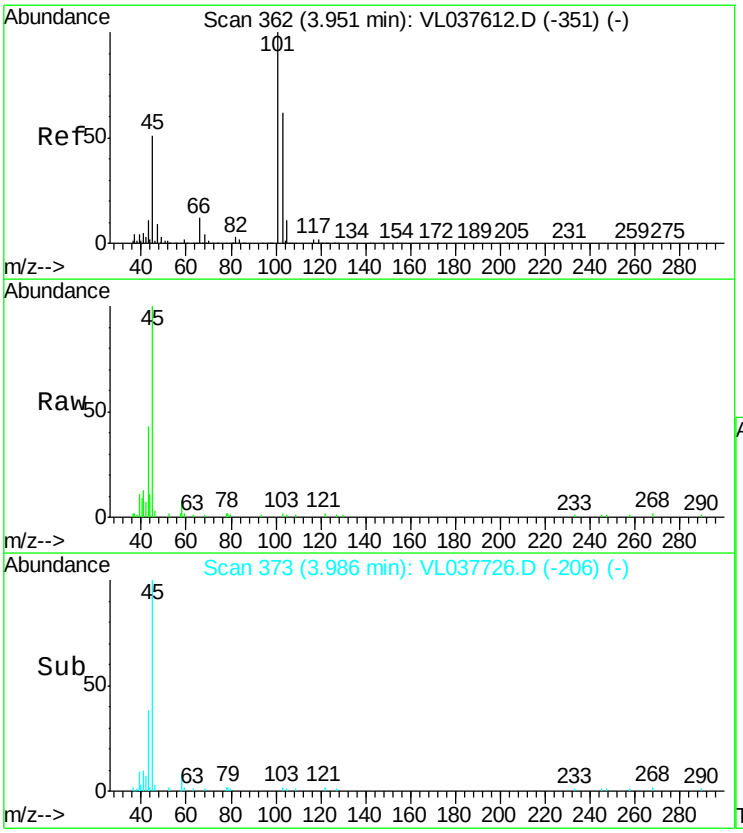
#18
1,1-Dichloroethene
Concen: 0.053 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 29 Sep 2021 10:24

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Tgt Ion: 96 Resp: 3480

Ion	Ratio	Lower	Upper
96	100		
61	141.1	150.4	225.6#
98	57.5	52.1	78.1

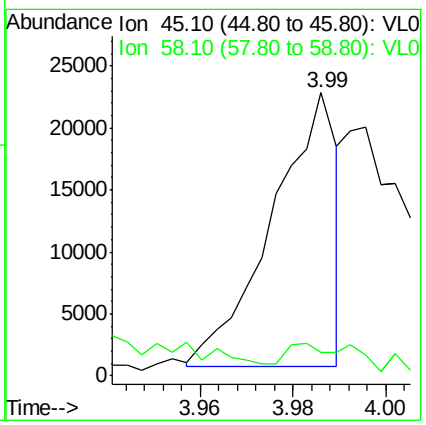


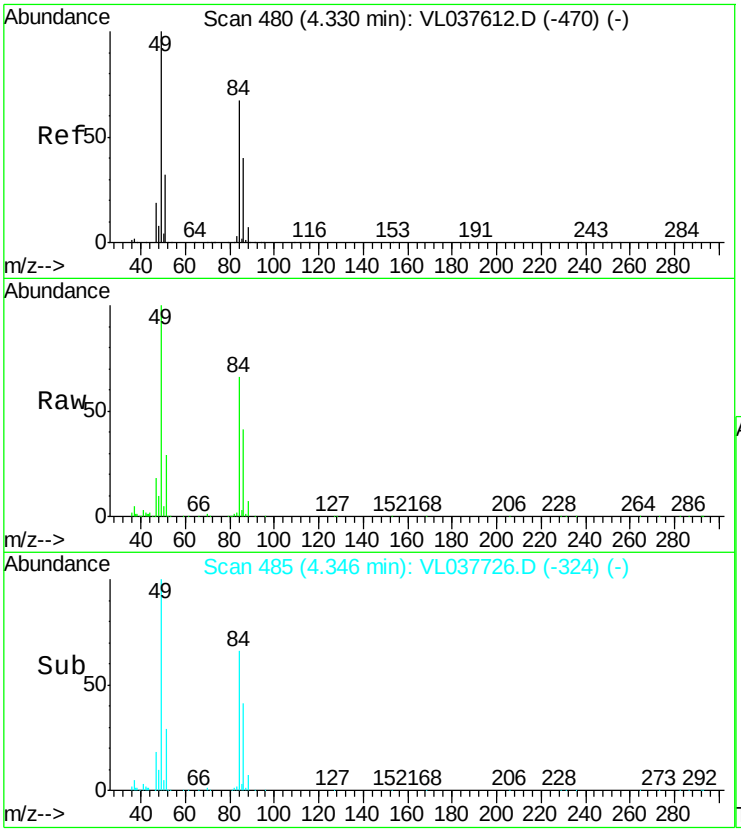


#19
Isopropyl Alcohol
Concen: 0.291 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.04 min
Lab File: VL037726.D
Acq: 29 Sep 2021 10:24

Tgt Ion: 45 Resp: 21438

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.9	4.3#



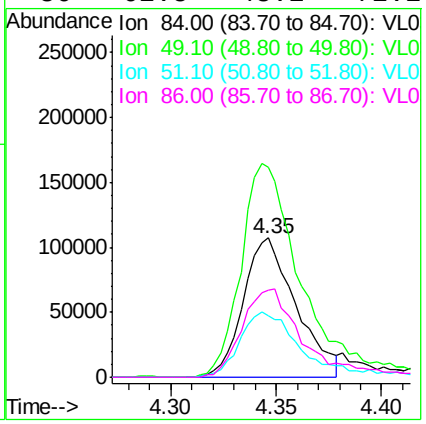


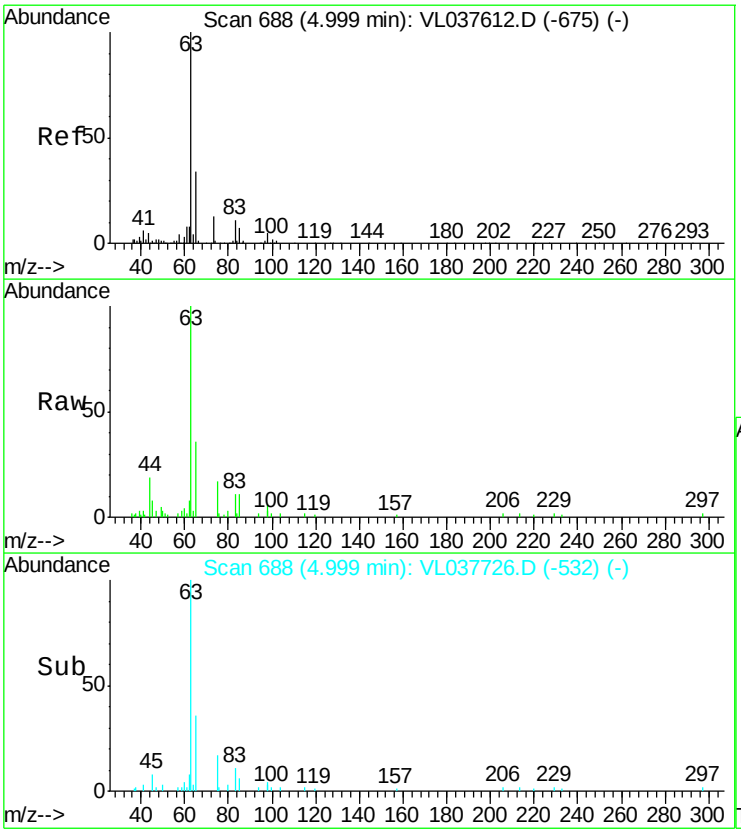
#20
Methylene Chloride
Concen: 2.856 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 29 Sep 2021 10:24

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Tgt Ion: 84 Resp: 184868

Ion	Ratio	Lower	Upper
84	100		
49	151.6	120.0	180.0
51	44.2	38.0	57.0
86	62.5	48.2	72.2

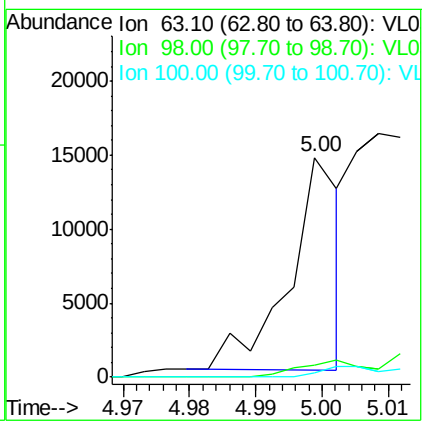


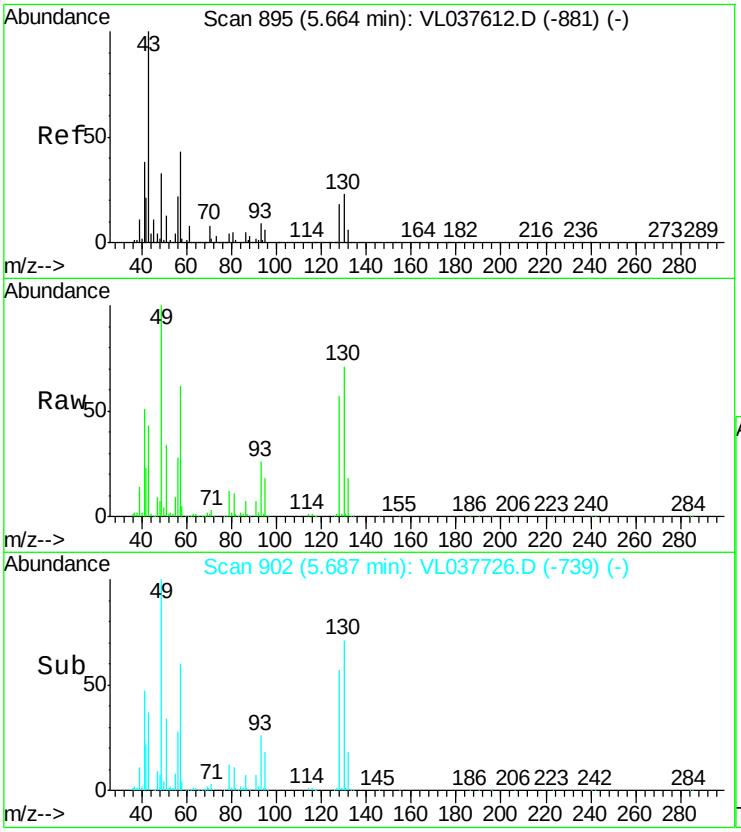


#24
1,1-Dichloroethane
Concen: 0.058 ppbv
RT: 5.00 min Scan# 688
Delta R.T. 0.00 min
Lab File: VL037726.D
Acq: 29 Sep 2021 10:24

Tgt Ion: 63 Resp: 7750

Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.4	7.2
100	1.9	1.1	3.5



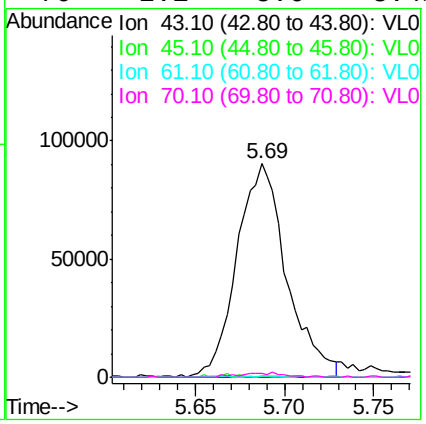


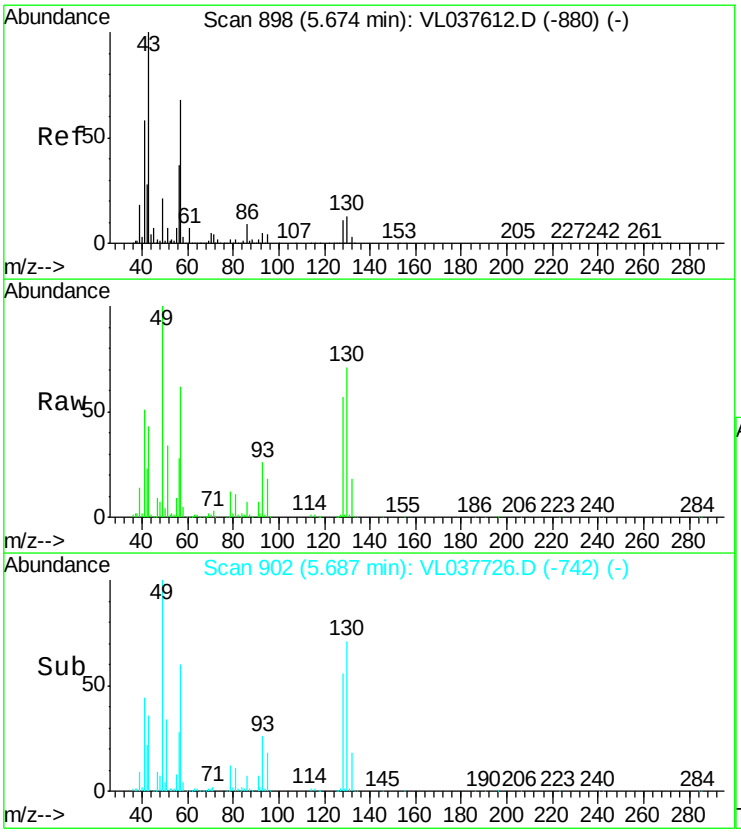
#25
Ethyl Acetate
Concen: 0.536 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 29 Sep 2021 10:24

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Tgt Ion: 43 Resp: 175990

Ion	Ratio	Lower	Upper
43	100		
45	1.5	8.0	12.0#
61	0.6	7.5	11.3#
70	2.1	5.6	8.4#





#26
Hexane
Concen: 1.470 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL037726.D
Acq: 29 Sep 2021 10:24

Tgt Ion: 57 Resp: 229326

Ion	Ratio	Lower	Upper
57	100		
41	104.5	70.9	106.3
43	80.4	170.4	255.6#
56	61.1	42.6	64.0