Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
Data File : VL038792.D
Acq On : 29 Mar 2022 7:37
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Mar 29 08:25:24 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	857593	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2496120	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2874443	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1730396	7.85	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 78.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1054730	9.15	ppbv	100
3) Chlorodifluoromethane	2.99	51	903055	9.97	ppbv	98
4) Chloromethane	3.14	50	500557	10.07	ppbv	96
5) Vinyl Chloride	3.25	62	475941	9.42	ppbv	98
6) Bromomethane	3.47	94	253408	9.41	ppbv	98
7) Chloroethane	3.55	64	164420	9.83	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	1082525	9.40	ppbv	91
9) Propene	3.01	41	442866	10.13	ppbv	99
10) Heptane	8.11	43	1116520	10.68	ppbv	99
11) Trichlorofluoromethane	3.94	101	1024096	10.06	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	832543	10.63	ppbv	97
13) Ethanol	3.60	45	35389	7.34	ppbv	91
14) Bromoethene	3.73	108	347431	9.98	ppbv	99
15) Acetone	3.84	43	702886	9.50	ppbv	100
16) 1,3-Butadiene	3.32	39	424848	10.12	ppbv	99
17) tert-Butyl alcohol	4.27	59	780597	12.08	ppbv	100
18) 1,1-Dichloroethene	4.28	96	380173	10.80	ppbv	97
19) Isopropyl Alcohol	3.95	45	427905	10.43	ppbv	99
20) Methylene Chloride	4.33	84	306705	9.84	ppbv	99
21) Allyl Chloride	4.40	41	562307	10.56	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	408052	11.18	ppbv	99
23) Vinyl Acetate	5.06	43	829028	11.57	ppbv	99
24) 1,1-Dichloroethane	5.00	63	749763	10.62	ppbv	99
25) Ethyl Acetate	5.66	43	1874471	10.06	ppbv	100
26) Hexane	5.67	57	841481	10.09	ppbv	98
27) Carbon Disulfide	4.54	76	956507	11.69	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	724122	11.66	ppbv	99
29) Chloroform	5.74	83	1314699	9.85	ppbv	99
30) Cyclohexane	7.11	84	770955	10.63	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	658636	8.40	ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	1327342	10.30	ppbv	99
34) 2-Butanone	5.23	43	847572	8.58	ppbv	98
35) Carbon Tetrachloride	7.00	117	1386097	9.57	ppbv	98
36) Benzene	6.88	78	1860505	9.66	ppbv	99
37) 1,2-Dichloroethane	6.29	62	918582	9.37	ppbv	99
38) Trichloroethene	7.82	130	823873	10.21	ppbv	97
39) 1,2-Dichloropropane	7.60	63	705198	9.36	ppbv	98
40) 1,4-Dioxane	7.82	88	241933	9.25	ppbv	89
41) Tetrahydrofuran	6.03	42	717838	9.76	ppbv	99
42) Bromodichloromethane	7.77	83	1468051	9.99	ppbv	99
43) Methyl Methacrylate	8.00	69	746642	10.44	ppbv	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
Data File : VL038792.D
Acq On : 29 Mar 2022 7:37
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Mar 29 08:25:24 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3001135	9.28	ppbv		100
45) t-1,3-Dichloropropene	9.26	75	787287	10.83	ppbv		98
46) cis-1,3-Dichloropropene	8.68	75	983787	10.00	ppbv		98
47) 1,1,2-Trichloroethane	9.46	97	765801	9.52	ppbv		99
48) Dibromochloromethane	10.29	129	1318290	10.47	ppbv		99
49) Bromoform	13.02	173	1099042	10.71	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	1797533	9.79	ppbv		100
51) 2-Hexanone	10.11	43	1354386	10.27	ppbv	#	99
52) Tetrachloroethene	11.20	164	704315	9.99	ppbv		96
53) Toluene	9.79	91	2140397	10.34	ppbv		100
54) 1,2-Dibromoethane	10.59	107	1120090	10.20	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.10	131	905786	7.60	ppbv		99
57) Chlorobenzene	12.13	112	1573624	7.59	ppbv		98
58) Ethyl Benzene	12.69	91	2739589	8.15	ppbv		99
59) m/p-Xylene	12.98	91	2398564	8.16	ppbv	#	35
60) o-Xylene	13.67	91	2118824	7.59	ppbv		97
61) Styrene	13.51	104	1305110	8.62	ppbv		99
62) Isopropylbenzene	14.65	105	3226025	7.69	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1401572	6.48	ppbv		99
64) n-propylbenzene	15.54	120	868074	7.88	ppbv		99
65) tert-Butylbenzene	16.73	119	2789596	7.40	ppbv		98
66) Benzyl Chloride	16.96	91	466593	6.54	ppbv		100
67) sec-Butylbenzene	17.28	105	3967196	7.36	ppbv		99
69) p-Isopropyltoluene	17.64	119	3285750	7.47	ppbv		99
70) n-Butylbenzene	18.53	91	3253260	7.17	ppbv		99
71) 2-Chlorotoluene	15.43	91	2329764	7.48	ppbv		98
72) 4-Ethyltoluene	15.82	105	2603443	7.90	ppbv		99
73) 1,3,5-Trimethylbenzene	15.98	105	2293603	7.64	ppbv		96
74) 1,2,4-Trimethylbenzene	16.74	105	2405782	7.36	ppbv		94
75) 1,3-Dichlorobenzene	16.98	146	1498944	7.20	ppbv		99
76) 1,4-Dichlorobenzene	17.12	146	1479652	7.14	ppbv		99
77) 1,2-Dichlorobenzene	17.80	146	1448630	7.02	ppbv		100
78) Hexachloro-1,3-Butadiene	23.36	225	967838	5.07	ppbv		100
79) Naphthalene	22.17	128	1692982	6.78	ppbv		98
80) Naphthalene,2-methyl-	24.96	142	355439	5.31	ppbv		97
81) 1,2,4-Trichlorobenzene	21.90	180	1030814	6.03	ppbv		100

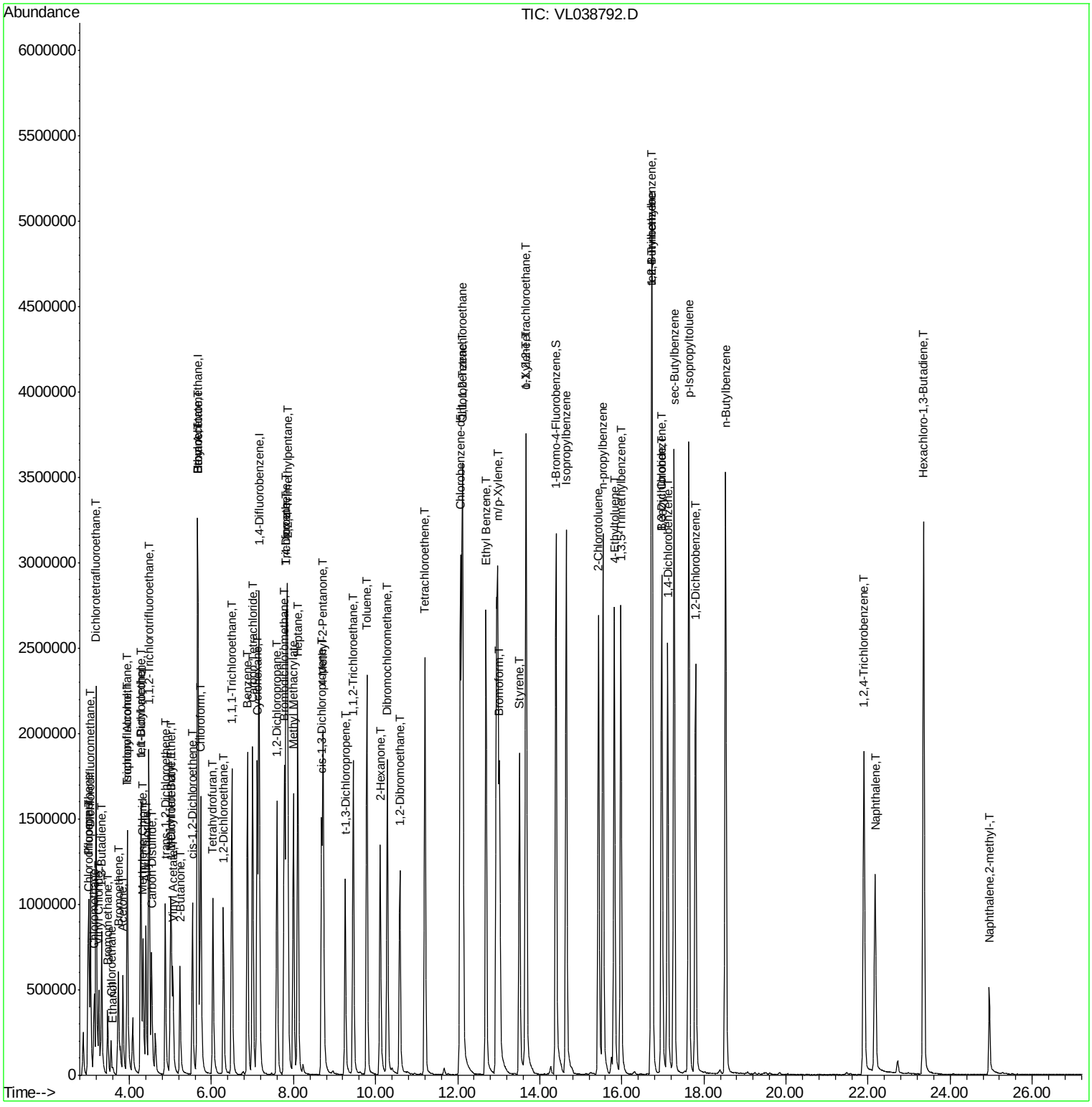
(#) = qualifier out of range (m) = manual integration (+) = signals summed

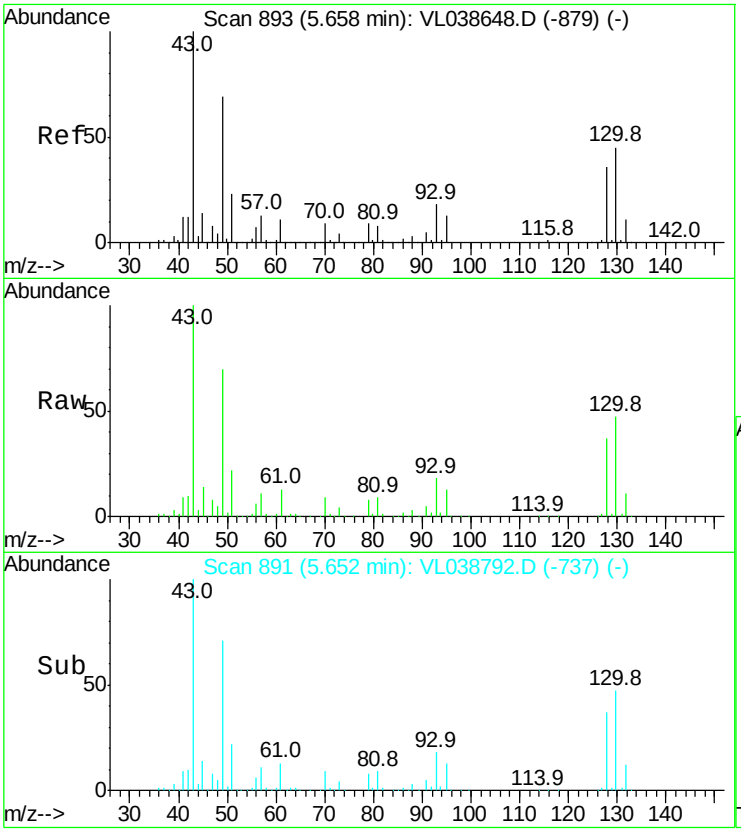
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
Data File : VL038792.D
Acq On : 29 Mar 2022 7:37
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Mar 29 08:25:24 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



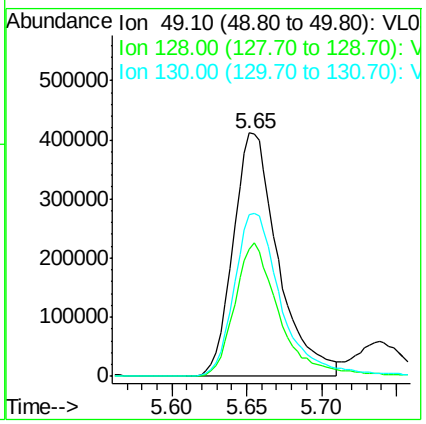


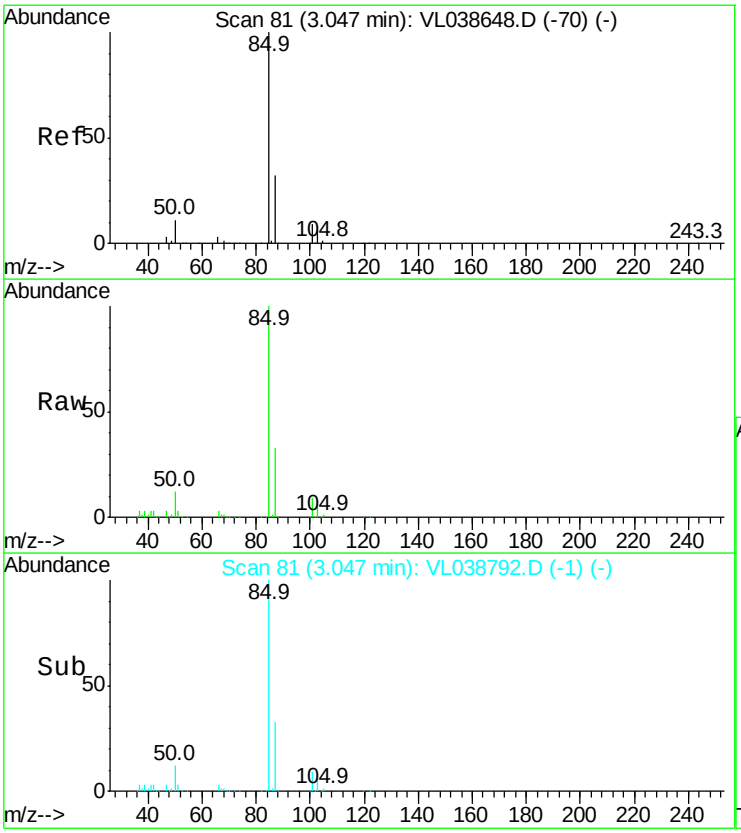
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 857593

Ion	Ratio	Lower	Upper
49	100		
128	55.4	26.2	78.6
130	71.5	33.7	101.1

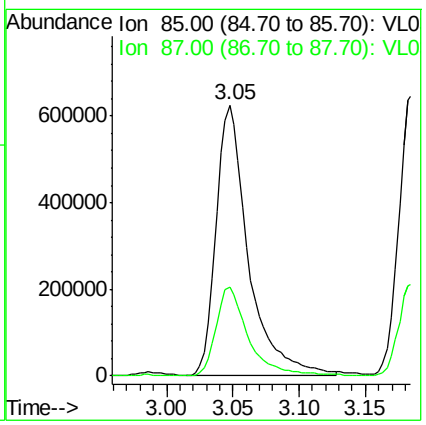


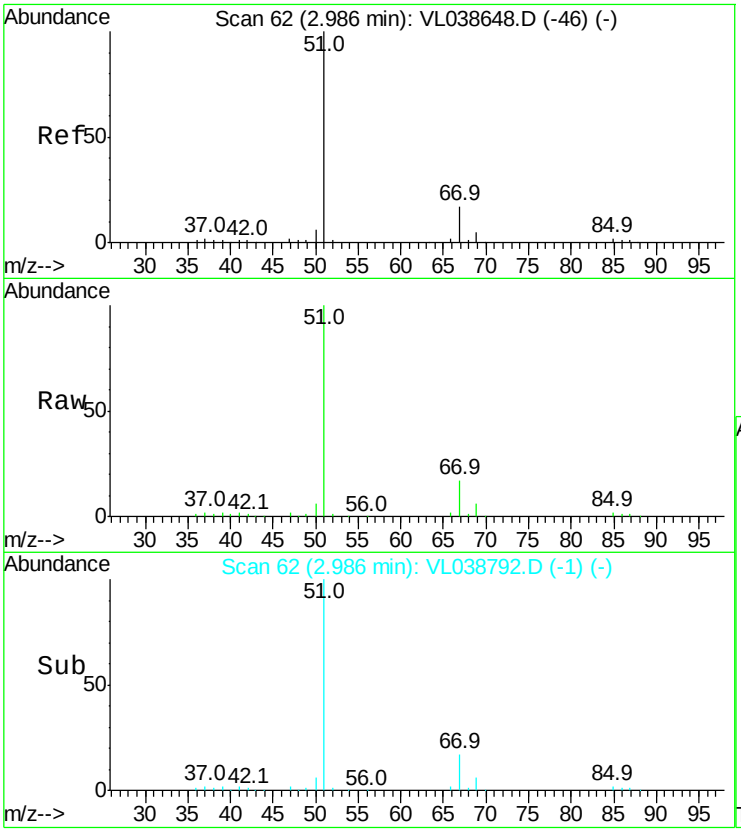


#2
Dichlorodifluoromethane
Concen: 9.15 ppbv
RT: 3.05 min Scan# 81
Delta R.T. 0.00 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion: 85 Resp: 1054730

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.0	39.0



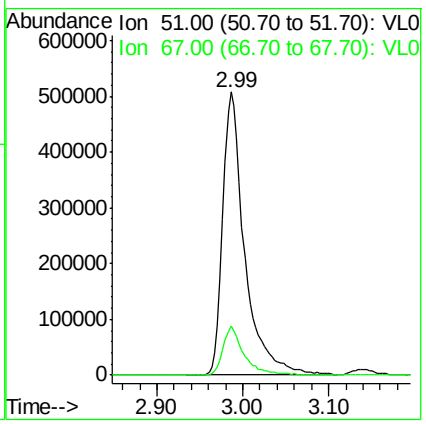


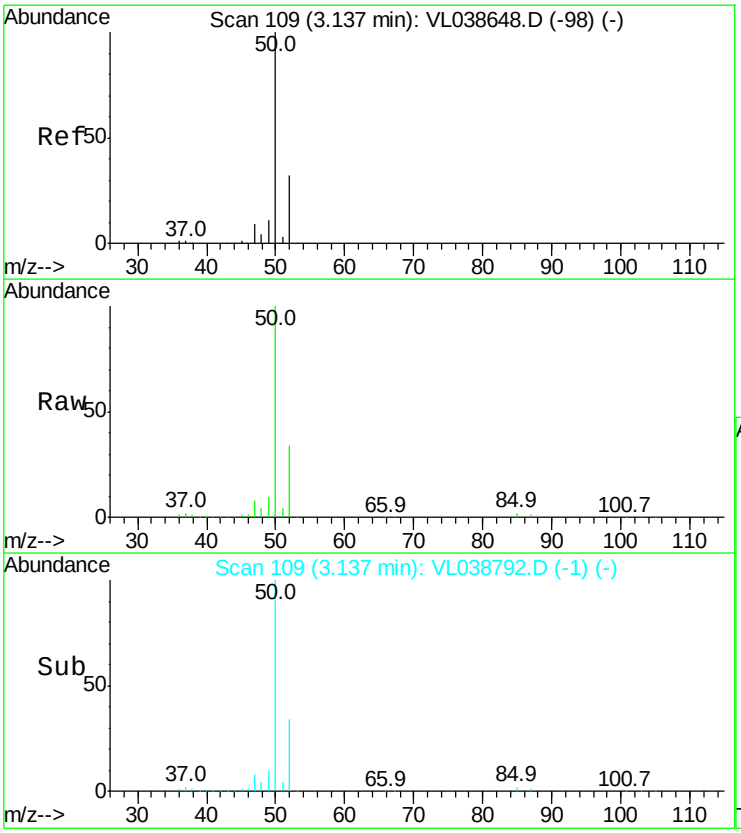
#3
Chlorodifluoromethane
Concen: 9.97 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 903055

Ion	Ratio	Lower	Upper
51	100		
67	16.6	14.1	21.1

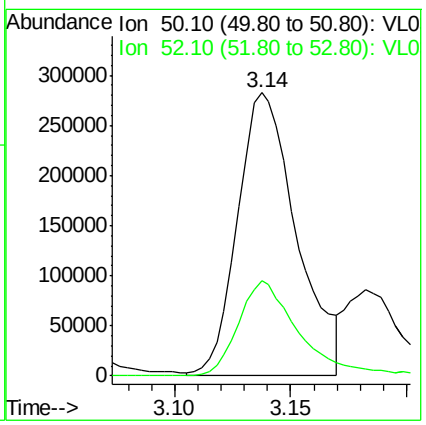


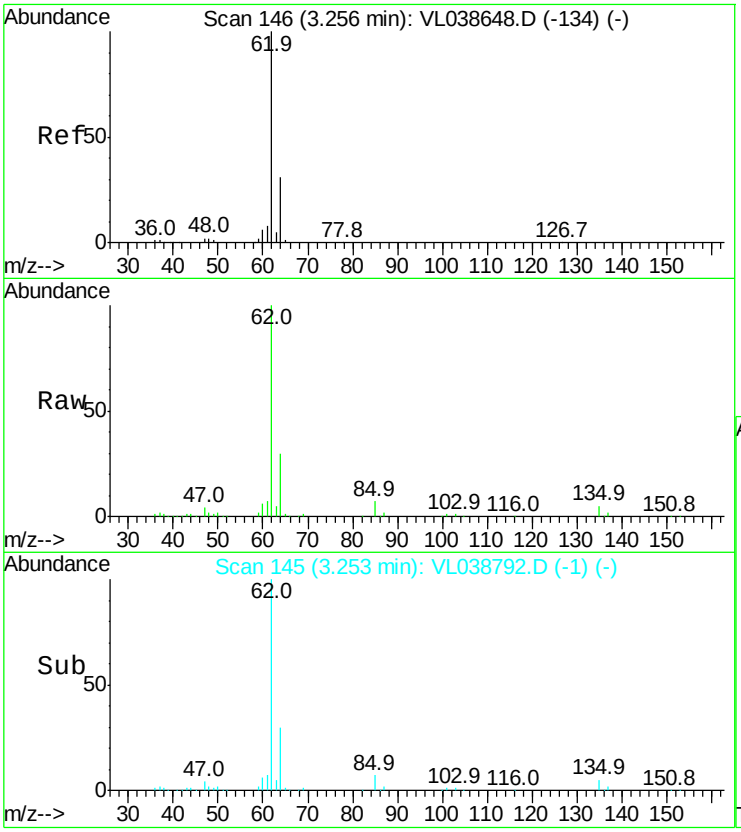


#4
Chloromethane
Concen: 10.07 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion: 50 Resp: 500557

Ion	Ratio	Lower	Upper
50	100		
52	34.1	25.5	38.3



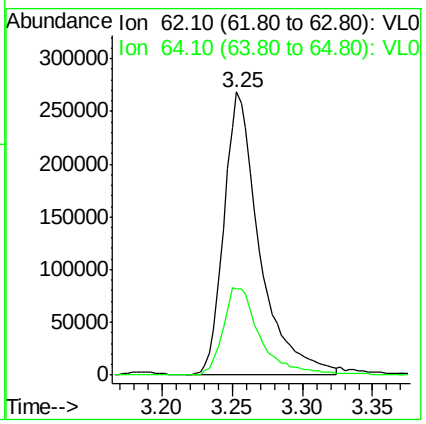


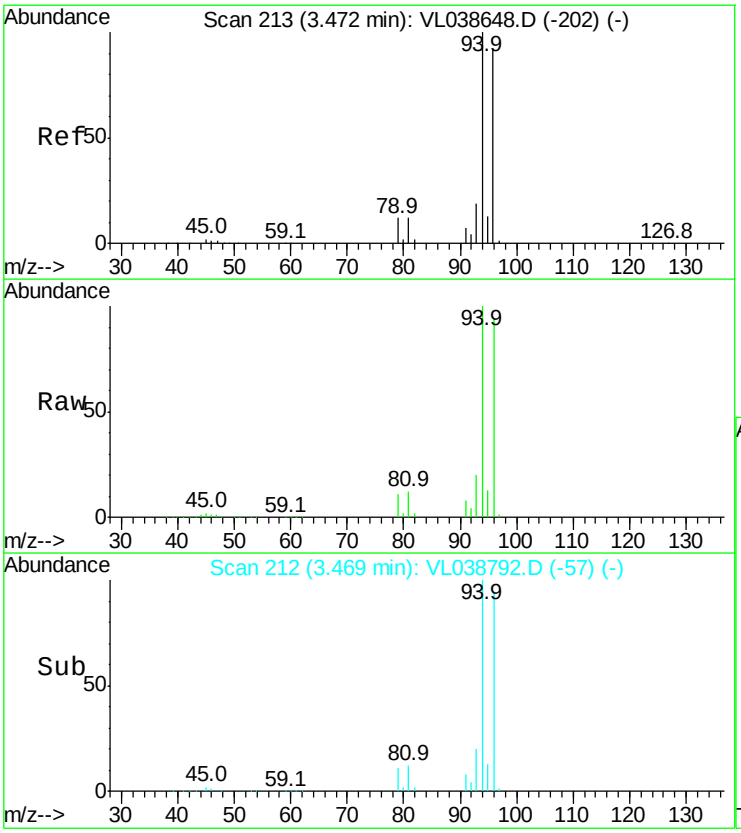
#5
Vinyl Chloride
Concen: 9.42 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 475941

Ion	Ratio	Lower	Upper
62	100		
64	30.3	25.0	37.4

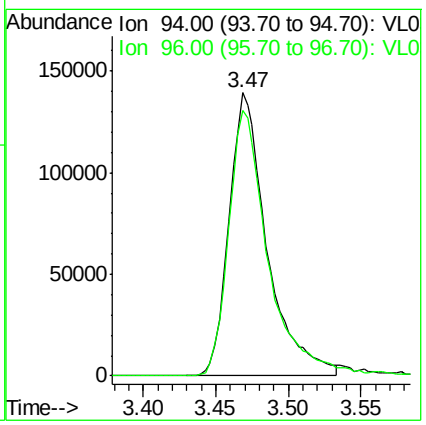


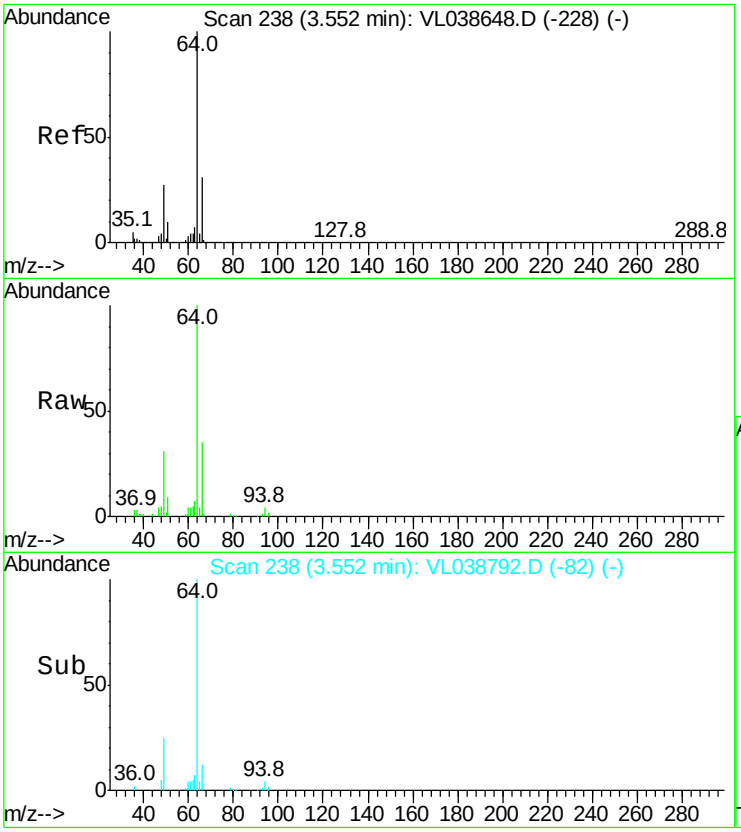


#6
Bromomethane
Concen: 9.41 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.00 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion: 94 Resp: 253408

Ion	Ratio	Lower	Upper
94	100		
96	93.8	73.3	109.9



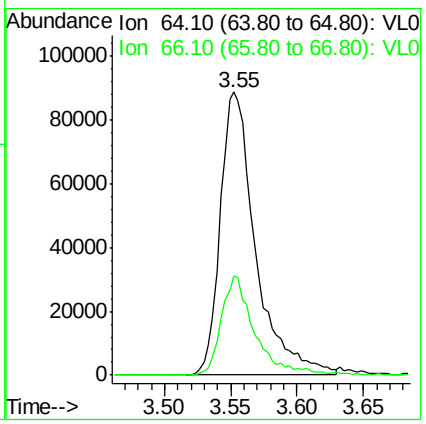


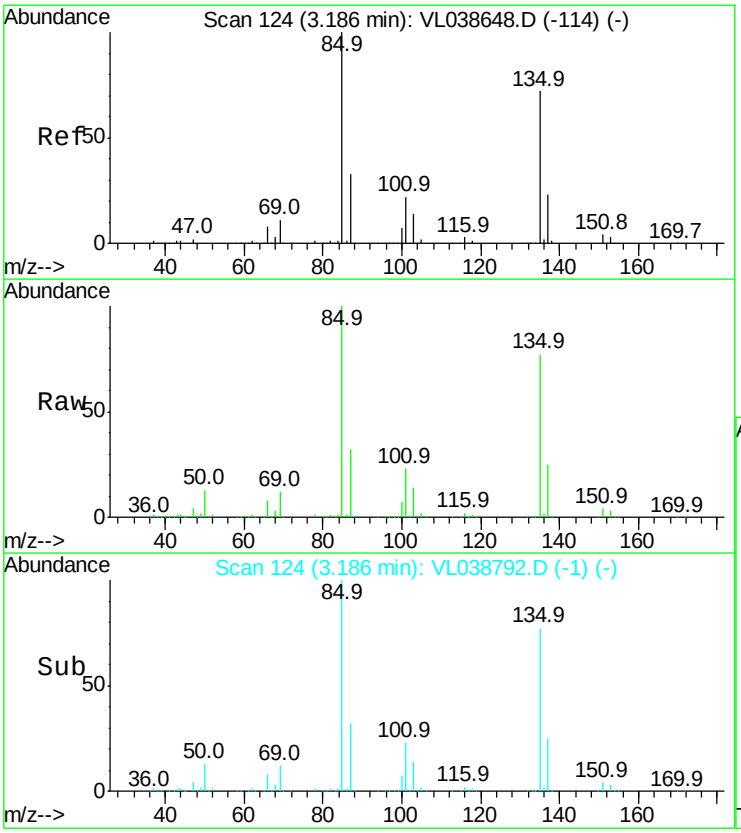
#7
Chloroethane
Concen: 9.83 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 164420

Ion	Ratio	Lower	Upper
64	100		
66	34.9	25.0	37.6

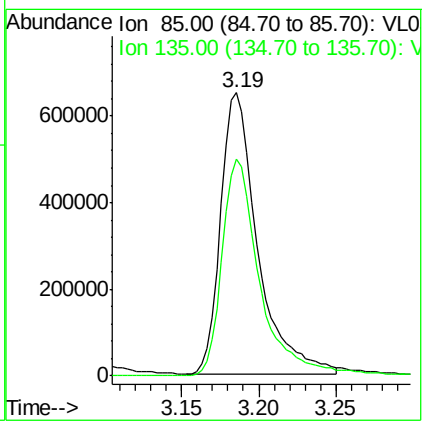


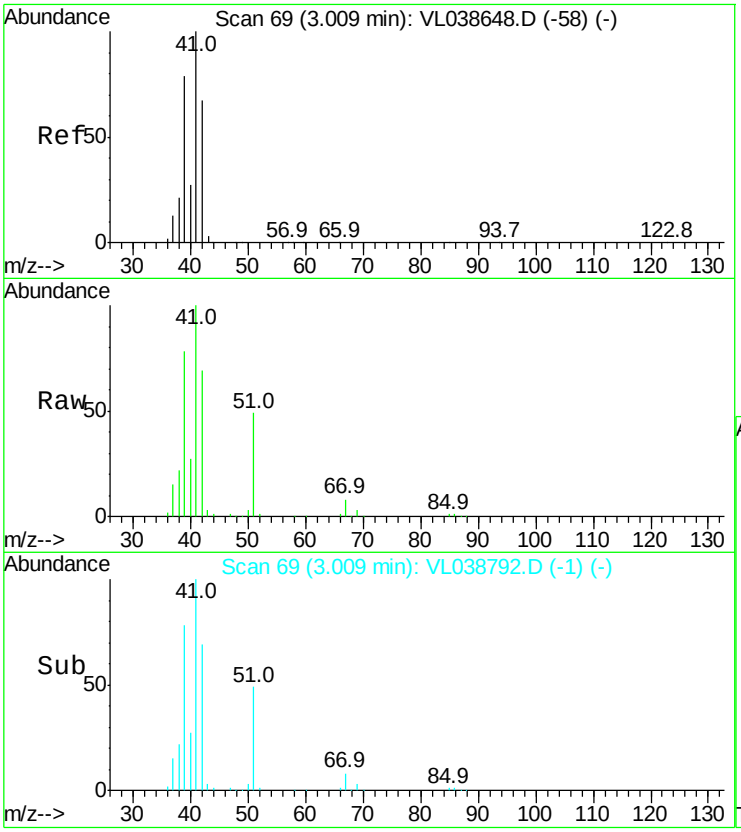


#8
Dichlorotetrafluoroethane
Concen: 9.40 ppbv
RT: 3.19 min Scan# 124
Delta R.T. 0.00 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion: 85 Resp: 1082525

Ion	Ratio	Lower	Upper
85	100		
135	79.7	57.8	86.6



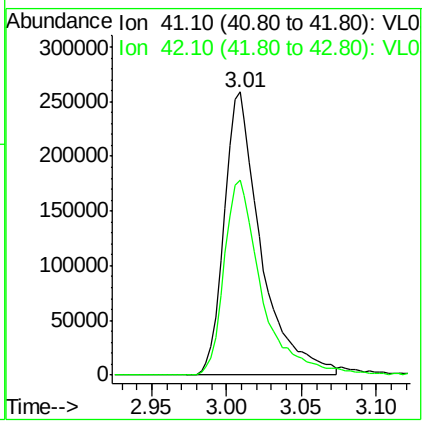


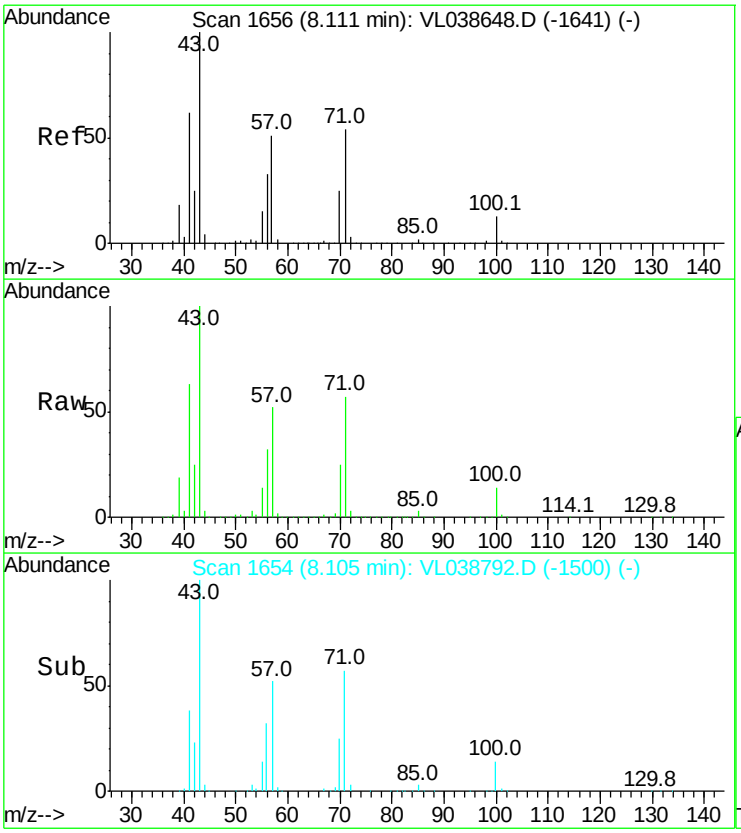
#9
Propene
Concen: 10.13 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 442866

Ion	Ratio	Lower	Upper
41	100		
42	71.4	56.2	84.4





#10
Heptane
Concen: 10.68 ppbv
RT: 8.11 min Scan# 1654
Delta R.T. -0.01 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion: 43 Resp: 1116520

Ion	Ratio	Lower	Upper
43	100		
57	52.2	41.4	62.2